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# *Technical Report*

No. 13237

## **PRODUCTION VERIFICATION OF THE AUTOMATED ROADWHEEL INSPECTION SYSTEM**

CONTRACT NO.: DAAE07-85-C-R094

I. R. Kraska, T. A. Mathieson, and B. H. Hill  
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By Niles, IL 60648

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Final Technical Report

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## PREFACE

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The work was performed by the Electronic Systems Group, of the GARD Division, W. Lichodziejewski, Manager, by I. R. Kraska, Project Engineer with the assistance of B. H. Hill and T. A. Mathieson.

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## 1.0 INTRODUCTION

This report presents the results of an effort to upgrade the GARD-developed Automated Depot Roadwheel Inspection System (ADRIS) and test the feasibility of it replacing the destructive peel-strength test presently in use at Army depots. The ADRIS was the result of these original goals, combining an automated ultrasonic scanning configuration adjustable for different roadwheel sizes with microcomputer communication and control for simplicity of operator interaction and interpretation. This is the latest phase of a project originated to ultrasonically inspect roadwheel production and provide depot-level personnel with simple accept/reject criteria for roadwheel quality control.

Herein, the firmware of the ADRIS was extensively modified, its hardware was augmented, and a 6 month field test at Red River Army Depot was supported.

This report will present a summary of the modifications made to the ADRIS hardware and firmware along with a discussion of their implications. Then a detailed examination of the field test results will be presented.

## 2.0 OBJECTIVES

The aim of the present phase of the project was to modify the ADRIS firmware to include adhesion estimation equations developed by United Technologies Research Center under Contract Number DAAE07-84-M-R024 and to assess the validity of these equations for predicting adhesion strength of roadwheel rubber-to-metal bonding under production quality control conditions.

## 3.0 CONCLUSIONS

During the field test, 367 roadwheels were inspected using the ADRIS; 166 of these were subjected to destructive peel-strength testing to corroborate ADRIS indications. From these destroyed roadwheels, over 3,700 data pairs for each of 5 ADRIS outputs were used in 3 types of correlation of ADRIS adhesion estimation with destructively measured adhesion strength. Although the data showed monotonically varying trends of estimated adhesion with measured adhesion, estimation of peel-strength by the ADRIS yielded no correlation coefficient greater than 0.80. This low value is likely due to corrupting factors in the destructive peel test which could not be compensated for in the data selection and analysis.

However, ADRIS prediction of adhesion failure was more successful. Three roadwheels failed the peel test because of poor adhesion, and the ADRIS was able to reliably predict these failures with no overcall or undercall. However, peel testing allows acceptance/rejection of roadwheel lots on criteria other than adhesion failure alone. Presence of separations, contamination, and "poor workmanship" are visually assessed during peel testing. Evidence of separation presence was the principal mode of roadwheel rejection found during this field test, occurring in 20 percent of

the roadwheels tested. Because of current hardware and firmware configuration, the ADRIS performed poorly in predicting this cause of failure, yielding an average detection rate of 42 percent and an average overcall rate of 61 percent. Further, the ADRIS is not currently capable of detecting the presence of contamination or rejectable cosmetic faults.

Roadwheel adhesion failure prediction by the ADRIS was demonstrated in three cases with a reliability of 100 percent. If this was the only measurement required for acceptance/rejection, the ADRIS could be adequately configured for production use. Further observation of roadwheel adhesion failures while monitoring with the ADRIS is required to increase the statistical significance of this conclusion.

Estimation of adhesion strength could not be established to a correlation better than 0.80. The volume of data acquired during the field test is more than that which could be completely examined within the limits of this effort. From preliminary inspection, there appear to be categories into which the data could be sorted which may improve the adhesion estimation performance or may suggest what steps are necessary to improve estimation performance. It is recommended that a follow-on effort examine our current database in greater depth, attempting to provide a better strength measurement correlation.

Separation detection by the ADRIS was found to be no better than an average of 42 percent indications with an unacceptable 62 percent rate of false detections.

#### 4.0 RECOMMENDATIONS

Our recommendation is that separation detection be improved by software/hardware modifications of the ADRIS. These include complete scan across the width of the roadwheel, finer beam resolution through use of smaller diameter transducers or focused transducers, increased processing speed and memory capacity in the controlling microcomputer, and more microcomputer control of front-end signal conditioning.

Incorporation of such modifications may also improve ADRIS detection of contamination and rejectable cosmetic faults.

#### 5.0 DISCUSSION

##### 5.1 ADRS Modifications

5.1.1 Firmware Modifications. The ADRIS was originally programmed to function primarily as a data-logging device in support of discovering those patterns of ultrasonic reflection data which most reliably indicated presence of debonding, inclusions, and weak bonding in roadwheels. Once such patterns were identified, it was then intended that the ADRIS be reprogrammed to function as a logic-filtering device in support of yielding simple accept/reject decisions on roadwheel quality.

The present phase of the project required that the ADRIS be reprogrammed principally to support the implementation of three specific pattern filters and a computation of estimated adhesion strength. To satisfy the requirements of this reprogramming, the original integer arithmetic algorithms of the ADRIS had to be converted to floating-point form and the computation of three new derived parameters had to be implemented. The new derived parameters are:

$$D_2 = A_2 / A_{BB}$$

$$D_3 = A_3 / A_{BB}$$

$$D_5 = A_5 / A_{BB}$$

where  $A_2$  is the acquired 270 kilohertz (kHz) amplitude  
 $A_3$  is the acquired 370 KHz amplitude  
 $A_5$  is the acquired 500 KHz amplitude  
 $A_{BB}$  is the acquired unfiltered (broadband) amplitude

The specific pattern filters are:

- Weak Bond Test A:  
 $D_2 \leq 0.40$  for accumulated circumference  $\geq 25\%$
- Weak Bond Test B:  
 $A_2 \leq 12$  for accumulated circumference  $\geq 40\%$
- Undercure Test B:  
 $A_2 \geq 22$  for accumulated circumference  $\geq 40\%$

The estimated adhesion equations are:

$$PEEL(i) = C_{31} + C_{32} * X_1(i) + C_{33} * X_2(i)$$

where:

$$X_1(i) = C_{11} + C_{12} * A_3(i) + C_{13} * A_5(i) + C_{14} * A_3^2(i) + C_{15} * A_5^2(i) + C_{16} * A_3(i) * A_5(i)$$

$$X_2(i) = C_{21} + C_{22} * A_5(i) + C_{23} * D_5(i) + C_{24} * A_5^2(i) + C_{25} * D_5^2(i) + C_{26} * A_5(i) * D_5(i)$$

expressed for each sampled circumferential interval  $i$  and the  $C_{jk}$  are adjustable coefficients.

With the introduction of these parameters, tests, and computations, the operational philosophy has distinctly shifted away from that of data logging to that of task specificity. The specific tasks are now to be acceptance and rejection upon detection of the original conditions of phase-inversion debonding and tread rubber inclusions and upon measurement of the new conditions of weak bonding, undercure, and adhesion estimation. The absence of a printed data summary reflects this shift. Additionally, the finding that processing of two channels of data does not materially contribute to corroboration with destructive test data in the case of roadwheels with wider tread has led to the processing and presentation of data averaged across the active channels. This, and the presence of new parameters, are reflected in a modified printout format.

Acquisition of the 110 KHz filtered amplitude has been discontinued with the finding that it does not materially contribute to measurement of road-wheel quality. Finally, the ADRIS firmware has been modified to enable continuous pulsing of the ultrasonic transducers during periods of non-inspection for the purpose of maintaining the stability of the electronics.

5.1.2 Hardware Modifications. The implementation of the additional parameters and computations discussed in par. 5.1.1 required such a modification of the ADRIS operation that a larger capacity random access memory (RAM) was needed. This was supplied by the replacement of the original 16 thousand bytes (K) RAM card with a 32K RAM card. Because of the net reduction in number of parameters the ADRIS maintained in its data logging configuration, no enlargement of the battery-backed RAM was necessary.

To support temperature compensation during the field test, an external thermocouple probe and readout were procured.

## 5.2 Field Test

The ultimate purpose of modifying the ADRIS and testing its predictive accuracy on the production line is to use it to replace the destructive peel-strength test currently employed. The principal benefits to be realized from this are that because the ultrasonic test is nondestructive in nature, product no longer will be sacrificed to quality control and every roadwheel produced can be inspected, thus eliminating statistical sampling and inferential assessment of lot quality.

This section describes the 6 month field test of the ADRIS conducted at Red River Army Depot (RRAD) during the first half of 1986 in support of these goals. A total of 367 roadwheels was inspected using the ADRIS. Of these, 143 were intercepted from production lot samples, dynamometer test samples, or other quality test samples scheduled for routine peel-strength testing. An additional 224 roadwheels were directly sampled from production inventory by GARD personnel in order to discover unusual or anomalous ultrasonic output and to destructively determine the cause by unscheduled peel-strength testing. Of these latter, a total of 23 wheels were purchased from RRAD production for destructive evaluation and correlation with ADRIS output. The roadwheel size groups investigated were:

24 in. by 2.12 in.  
24 in. by 2-1/8 in.  
24 in. by 3-3/4 in.  
26 in. by 5-3/4 in.  
26 in. by 6 in.

Roadwheels of size 32-1/4 in. by 3-1/2 in. were not being produced in sufficient quantity during this period to be subject to normal RRAD quality control and roadwheels of size 28 in. by 2-1/2 in. had to be passed uninspected because the ADRIS has no fixturing to hold this size. Table 5-1 summarizes the population characteristics of the roadwheels examined during this field test.

The peel-strength test procedures presently in force at RRAD address not only adhesive strength of the rubber-to-metal bonding, but also presence of separations, contamination, cosmetic appearance, and other visual quality assessment. The ability of the ADRIS to emulate these aspects of the peel-strength test is discussed in the following sections.

5.2.1 Adhesive Strength Estimation. If the ADRIS is to effectively replace the present peel-strength test, it must obviously be able to predict the adhesive strength of the roadwheel rubber-to-metal bond at least as well as the peel test does. Therefore, the principal task of the field test was to measure the correlation of the peel test strength measurements with one or more of the ADRIS outputs to find which output yielded the best prediction and to assess the reliability and accuracy of the prediction.

As performed at the RRAD roadwheel facility, the peel-strength test comprised a preparation phase, a pull phase, and an assessment phase. During the preparation phase, approximately 8 inches in length of rubber tread is cut away from the metal hub to serve as a leader for the adhesion test machine to grip. Guide slits are also cut at this time along the rubber-to-metal interface around the entire circumference on both sides of the wheel. The pull phase is the actual tearing of the rubber-to-metal bond while the load on the tearing mechanism is recorded. During this phase, quality assurance personnel monitor the path of the tear interface and keep it close to the rubber-to-metal interface by judicious cutting and trimming of the rubber. During the assessment phase, personnel inspect the exposed interface for visual defects, record the maximum and minimum peel strengths obtained, and decide the quality of the wheel( and by inference, its source lot).

Attempts to directly correlate ADRIS output with peel-strength as measured in production at RRAD can be misleading because the peel-strength record includes those times when the tear was advancing away from the rubber-to-metal interface into the rubber tread. During such times, quality

Table 5-1. Roadwheel Population Summary

|                     | INTERCEPTED | PURCHASED | NONINTERCEPTED |
|---------------------|-------------|-----------|----------------|
| 24 in. by 2.12 in.  | 21          | 2         | --             |
| 24 in. by 2-1/8 in. | 46          | 1         | 65             |
| 24 in. by 3-3/4 in. | 3           | 2         | 15             |
| 26 in. by 5-3/4 in. | 32          | 7         | 68             |
| 26 in. by 6 in.     | 41          | 11        | 53             |
|                     | <hr/>       | <hr/>     | <hr/>          |
| Total               | 143         | 23        | 201            |

assurance personnel are attempting to guide the tear back to the rubber-to-metal interface by heavy cutting and recorded peel-strength typically increases. As a consequence, the self-adhesion of the tread rubber is being measured, not the rubber-to-metal bond strength, which is what we are attempting to correlate with ADRIS output. Figure 5-1 demonstrates the effect of this situation on a typical peel test record. The jagged profile of those areas marked as "cutting" is caused by the slow increases and sudden releases of load as the tear wanders away from the interface and is guided back by the inspectors. To circumvent this problem, only that ADRIS output acquired during times of peel-strength testing when the tear ran along the rubber-to-metal bond(i.e., periods of no cutting) was used for correlations.

Listings of acquired data so selected are presented in the Addendum for the five sizes of roadwheel inspected. Due to this selection process, only about 22 percent of the acquired ADRIS output remained to be correlated. This data was subjected to three types of analysis. One type was a simple correlation of average peel-strength with average ADRIS output for each roadwheel size. Another type was correlation by least squares linear regression of peel-strength against ADRIS output. The third type was correlation of peel-strength failure with a specific pattern of ADRIS output amplitude and spatial extent.

5.2.1.1 Correlation of averages. For this type of correlation, the average measured peel-strength, average ADRIS estimated adhesion, and average ADRIS broadband reflection amplitude was computed for all the roadwheels of a given size for the sizes of 24 in. by 2.12 in., 24 in. by 2-1/8 in., 24 in. by 3-3/4 in., 26 in. by 5-3/4 in., and 26 in. by 6 in.. Figure 5-2 shows the resulting trends. Included in Figure 5-2 are points representing adhesion acceptances and adhesion failures within the 24 in. by 2-1/8 in. roadwheel size group. The averages for the 24 in. by 2.12 in. and 24 in. by 2-1/8 in. roadwheels (including accept/reject subcategories) appear to lie along a common line expressed by the equation:

$$M = 0.514 * E + 20.6$$

Equation 5-1

where M is the measured peel-strength in lbs.  
E is the ADRIS-estimated adhesion in lbs.

A surprising observation is that the 24 in. by 3-3/4 in. roadwheel averages appear to lie on this same line. Because the ADRIS monitors the roadwheels through a window of constant aperture, its report of bond strength is that of an adhesion for a given area, or an adhesion density. The peel test, on the other hand, records the roadwheel bond strength as integrated across the width of the wheel, or an absolute adhesion. To properly correlate estimated adhesion with measured adhesion, one must be normalized to the other by taking account of the relevant tread width. Since this is not done by the ADRIS, it would be expected that the 24 in. by 3-3/4 in. roadwheel average measured adhesion would be 1.76 (= 3.75/2.125) times larger than given in Figure 5-2.

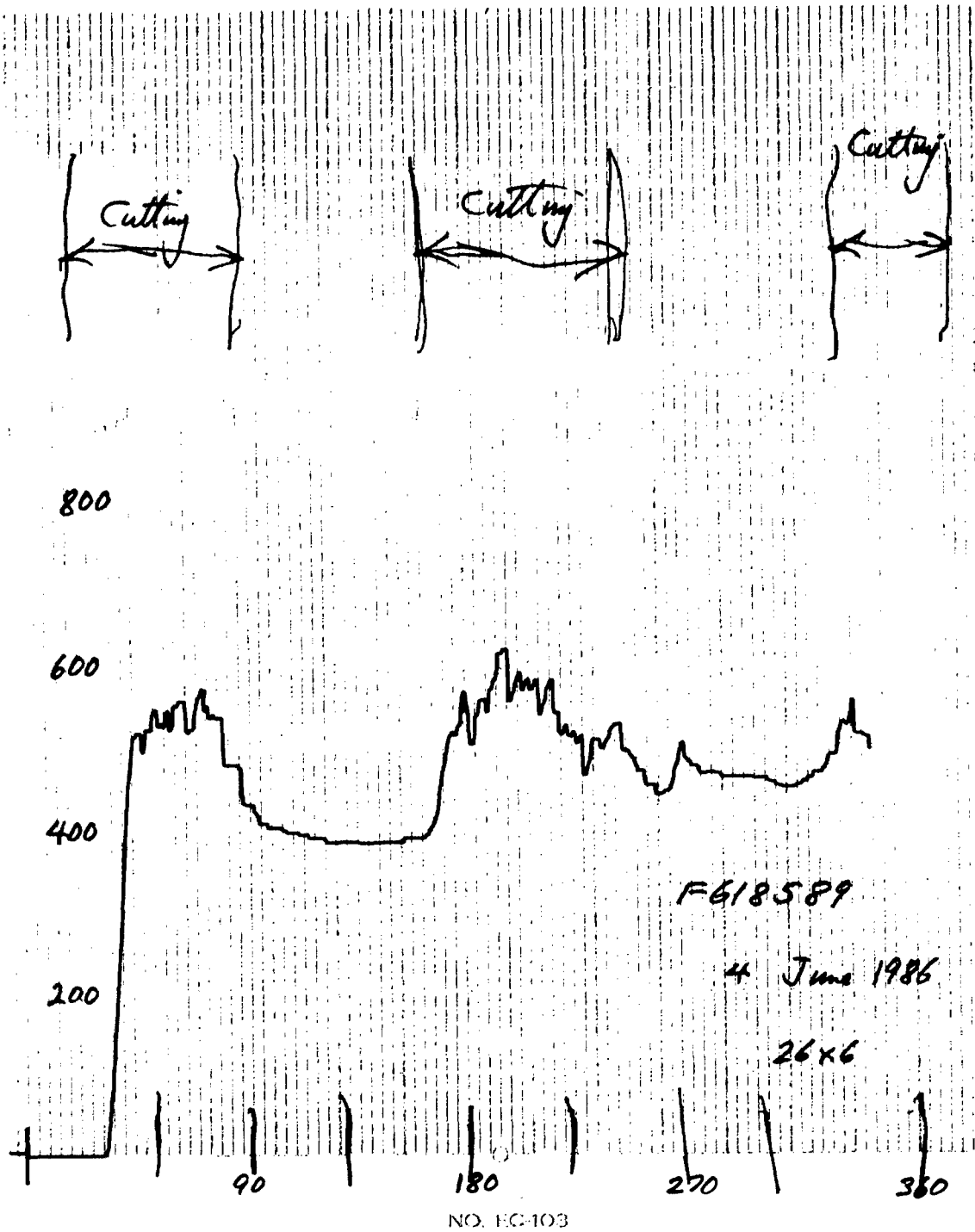


Figure 5-1 Typical Peel Record

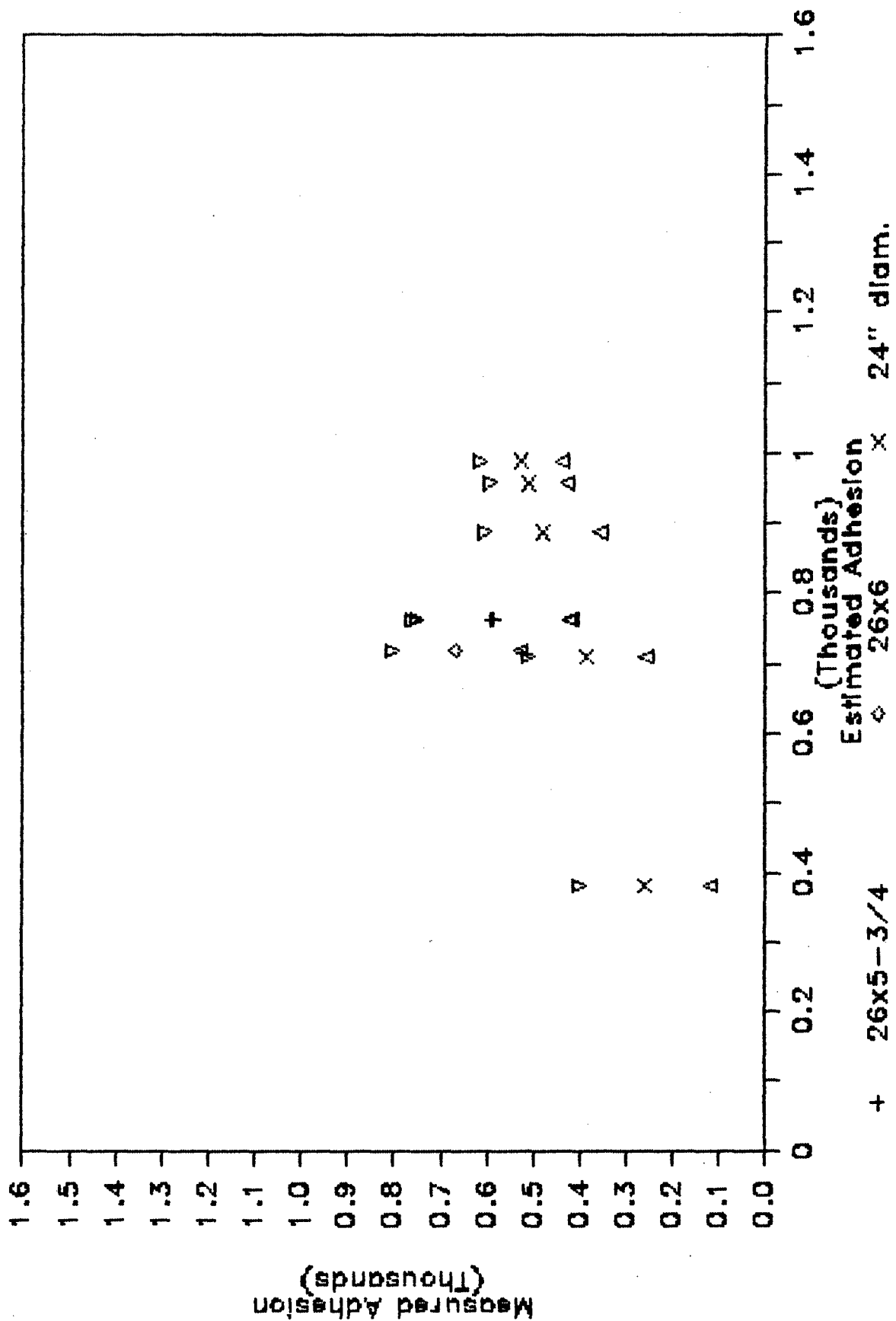


Figure 5-2 Measured Adhesion vs. ADRIS Estimate Averaged by Roadwheel Size

One possible explanation for the colinearity of 24 in. by 3-3/4 in. roadwheel averages with other 24-inch-diameter roadwheel averages is that the 24 in. by 3-3/4 in. rubber-to-metal bonding is intrinsically weaker than that of the other 24-inch-diameter wheels. The greater tread width then brings the integrated adhesion up to that of the other size wheels. If this is the case, the average intrinsic bond would not be expected to vary without creating a severe disruption of production, and predictable correlation could be achieved by treating 24 in. by 3-3/4 in. estimates as if they were 24 in. by 2.12 in. or 24 in. by 2-1/8 in. estimates and transforming each by Equation 5-1 to predict adhesion.

Another possible cause for colinearity of the 24-inch-diameter roadwheel averages would be that the adhesion estimation relations developed using 26 in. by 5-3/4 in. roadwheel data (presented in par. 5.1.1) are not valid for estimating 24 in. by 3-3/4 in. or other 24-inch-diameter roadwheel bond strength. In fact, they may be overestimating 24 in. by 3-3/4 in. bond strength or underestimating 24 in. by 2.12 in. and 24 in. by 2-1/8 in. bond strength. If this is the case, the relations must be modified. The simplest modification which would achieve the desired goal would be to transform each relation by using Equation 5-1 as was discussed above.

A third possible cause of the 24 in. by 3-3/4 in. roadwheel averages falling on a line common to other 24-inch-diameter roadwheel averages could be that the ADRIS is scanning through tread rubber of differing acoustic attenuation. This possibility was investigated using tread left over from peel tests and, although 24 in. by 3-3/4 in. tread rubber was found to be spectrally different from other 24-inch roadwheel tread rubber, no significant differences in attenuation were measured.

If the observation of colinearity among the 24-inch-diameter roadwheel averaged adhesions was a surprise, the appearance in Figure 5-2 of a distinct cluster of higher averaged adhesions for the 26-inch-diameter roadwheels was expected. It is presumed that the average measured and average estimated adhesions will, as was found for 24-inch-diameter roadwheel averages, correlate near the zero values. Consequently, the equations expressing these simple trends are approximately:

$$M = 0.776 * E \quad 26 \text{ in. by } 5\text{-}3/4 \text{ in.} \quad \text{Equation 5- 2}$$

$$M = 0.928 * E \quad 26 \text{ in. by } 6 \text{ in.} \quad \text{Equation 5- 3}$$

where  $M$  is the measured peel-strength in lbs.  
 $E$  is the ADRIS-estimated adhesion in lbs.

Note that the relation expressing 26 in. by 6 in. roadwheel averages (Equation 5-3) comes the closest to the estimation prediction ideal of a 1:1 ratio between estimated and measured adhesion averages. If this is used as a benchmark relation, then it should be expected that the slope of the 26 in. by 5-3/4 in. relation should be  $(5.75/6) * 0.928$  or 0.889 in value. This is quite different from the 0.776 implied by Figure 5-2. By similar calculations, it can be shown that the differences in the relations expressing 24 in. by 3-3/4 in. and 26 in. by 5-3/4 in. roadwheel averages

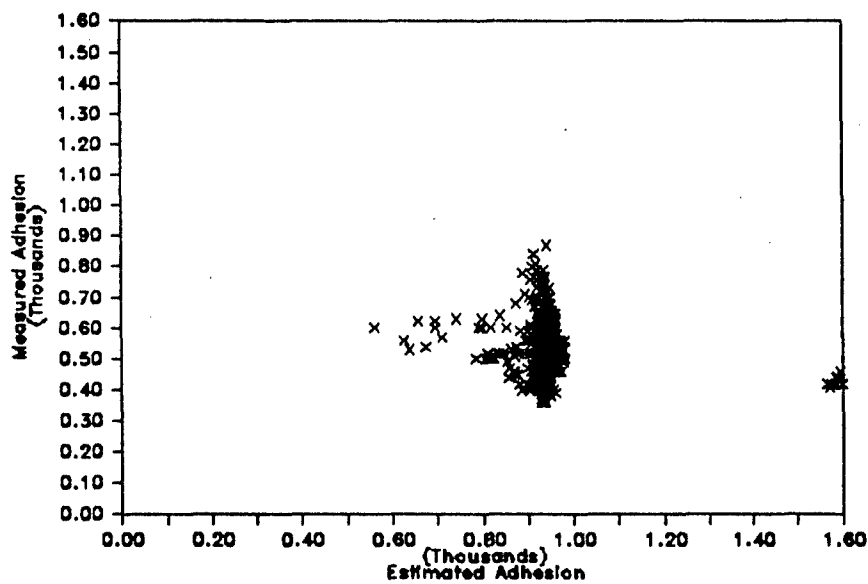
are accountable simply by the differences in their tread widths. This is not true for the 26 in. by 6 in. or for the 24 in. by 2-1/8 in. roadwheel averages. Their differences, with respect to the averages of other roadwheel sizes and with respect to each other, cannot be accounted for simply by their differences in tread width.

As discussed above, one explanation for the measured adhesion strength differences of roadwheels not being proportional to their tread width differences is that the intrinsic rubber-to-metal bonding is not identical. This hypothesis is not so attractive when considered for more than two groups of roadwheels. The fabrication processes used at RRAD are not that varied. It is known that two types of tread rubber are utilized -- type "B" for 24 in. by 2.12 in. and 24 in. by 2-1/8 in. and type "A" for all others. This can conveniently be invoked to explain the colinearity of the 24-inch-diameter roadwheel measured and estimated adhesion averages, but since the 26 in. by 6 in. and 24 in. by 3-3/4 in. roadwheels are built with a common tread rubber type, this cannot account for their observed differences.

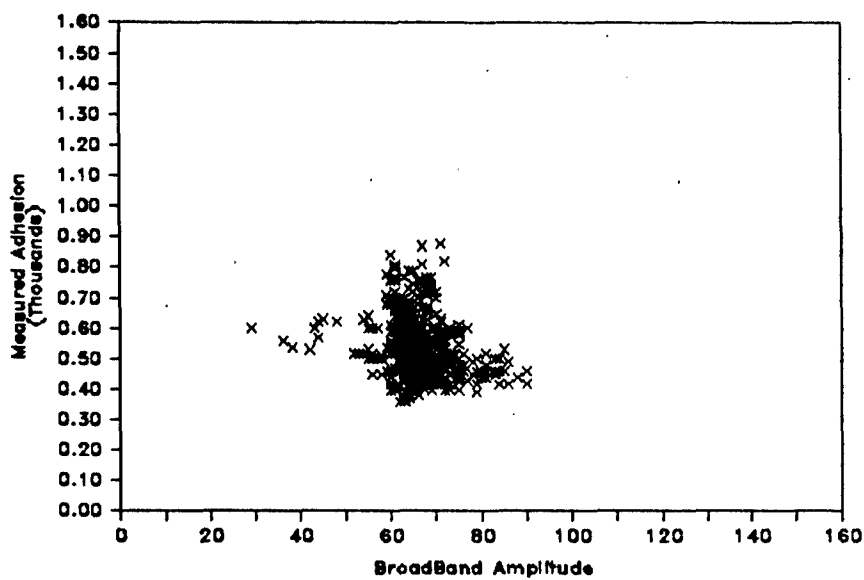
The other possible cause for the observed differences as discussed above is that the adhesion estimation relations developed using 26 in. by 5-3/4 in. roadwheel data (presented in par. 5.1.1) are not valid for estimating 26 in. by 6 in. roadwheel bond strength. If this is the case, the relations must be modified. The simplest modification which would achieve the desired goal would be to transform each relation by using Equation 5-1 as was discussed above. However, because the observed trends associated with the larger diameter roadwheels are not very securely established, and because there is such a large degree of variability of the averages, the question of to what the estimation relations should be transformed remains unanswered. A more precise type of correlation technique is attempted to establish this.

5.2.1.2 Correlation of least squares linear regression. For this type of correlation, the point-by-point measured peel-strength, ADRIS-estimated adhesion, and ADRIS broadband reflection amplitude and frequency ratios were computed for all the roadwheels of a given size for the sizes of 24 in. by 2.12 in., 24 in. by 2-1/8 in., 24 in. by 3-3/4 in., 26 in. by 5-3/4 in., and 26 in. by 6 in.. Figures 5-3 through 5-7 show the scatter plots of measured peel-strength against ADRIS-estimated adhesion for the five roadwheel sizes. On the basis of scatter plots, only the 24 in. by 2-1/8 in. roadwheels show any trend at all. This is because the three adhesion failures observed occurred in wheels of this size. The scatter among 24 in. by 2-1/8 in. roadwheel estimates does not appear to be any less than among other roadwheel sizes.

To quantify these results, least squares linear regression was applied to each size of roadwheel. The results are summarized in Table 5-2. It can be seen that trends do exist by which adhesion can be predicted by the ADRIS broadband and estimated adhesion outputs. The regressed linear relations bear no relation at all to the linear relations derived from the averages of measured and ADRIS-estimated adhesion described in par. 5.2.1.1. The

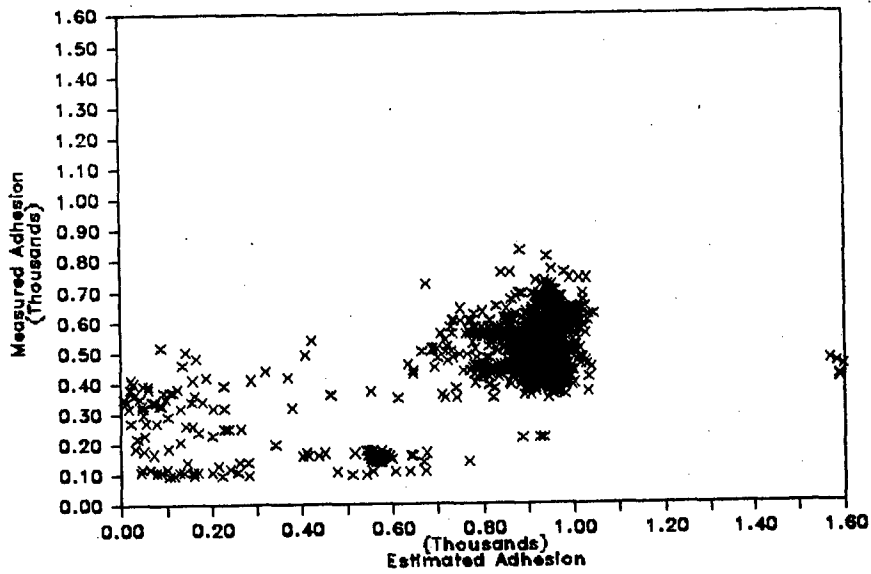


(a) Adhesion vs. Estimate

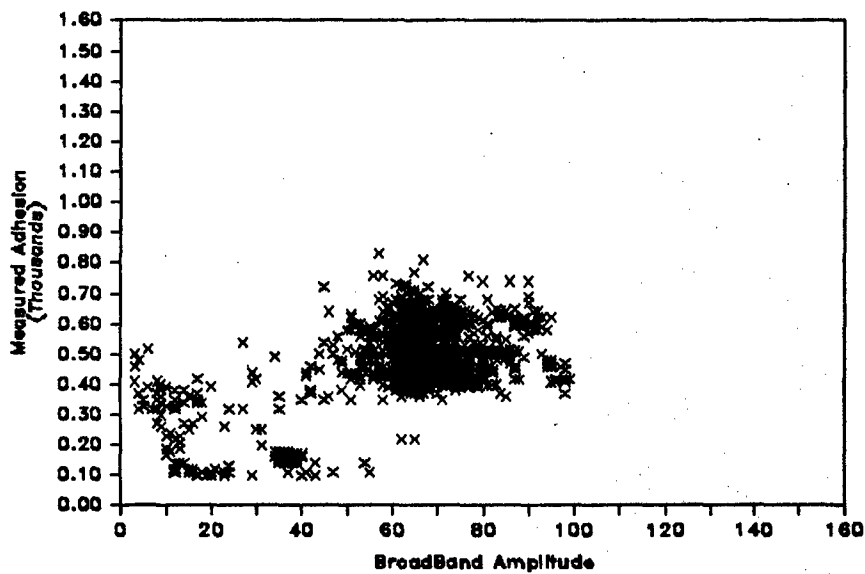


(b) Adhesion vs. Broadband Amplitude

Figure 5-3. Measured Adhesion vs. ADRIS Parameter  
Scatter 24 x 2.12

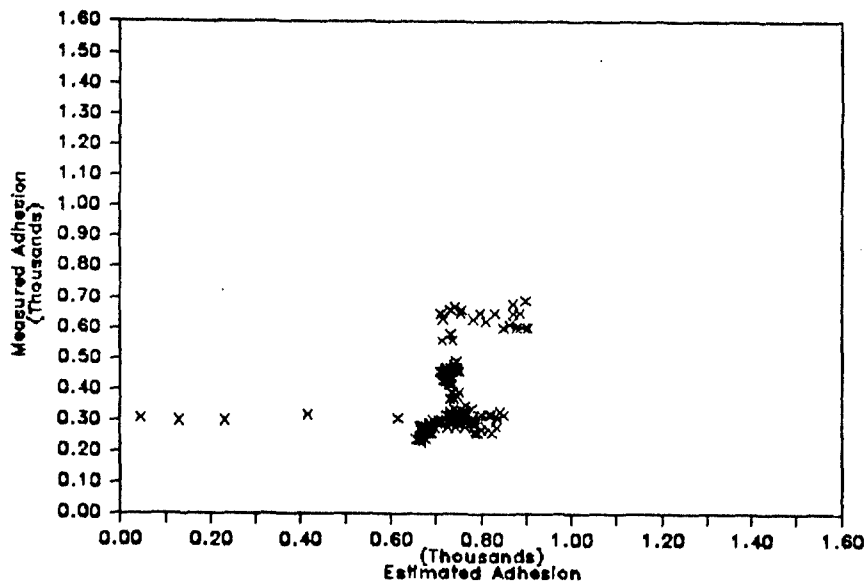


(a) Adhesive vs. Estimate

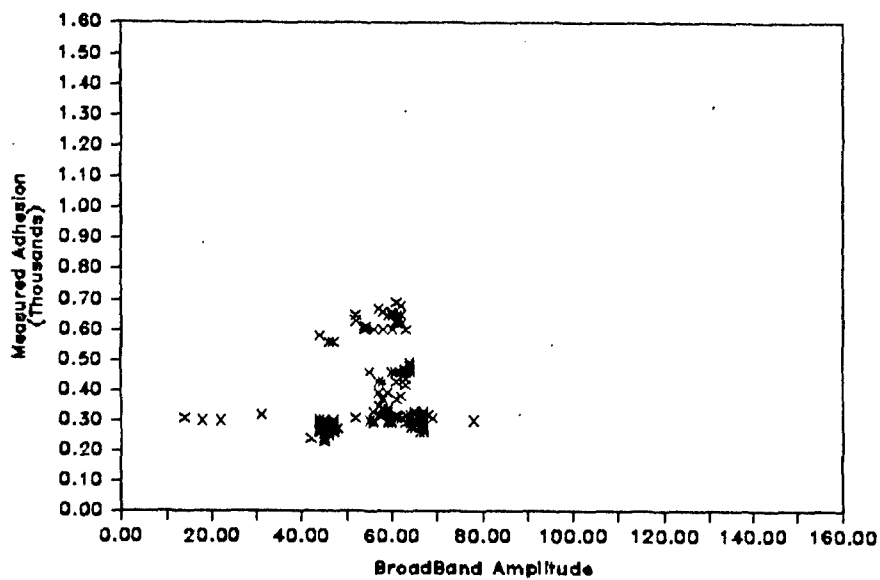


(b) Adhesion vs. Broadband Amplitude

Figure 5-4. Measured Adhesion vs. ADRIS Parameter Scatter 24 x 2.125

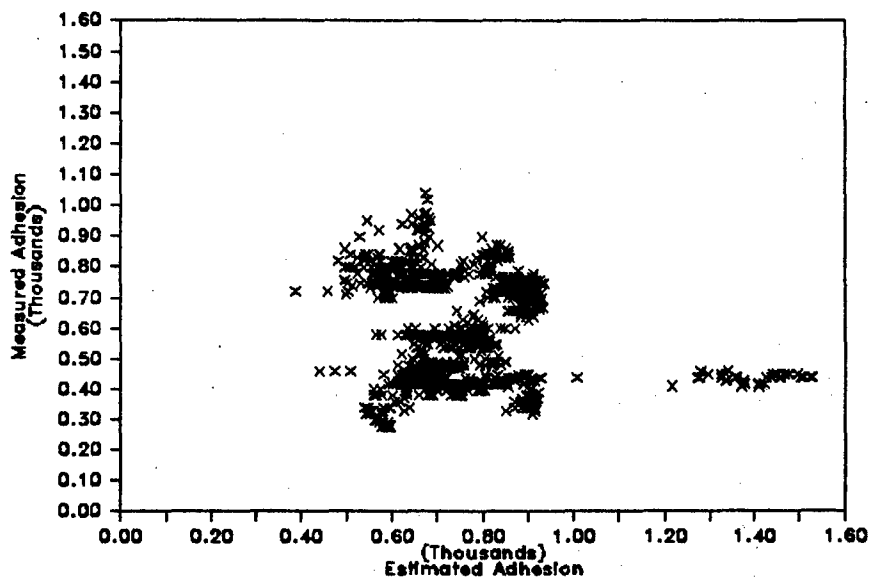


(a) Adhesion vs. Estimate

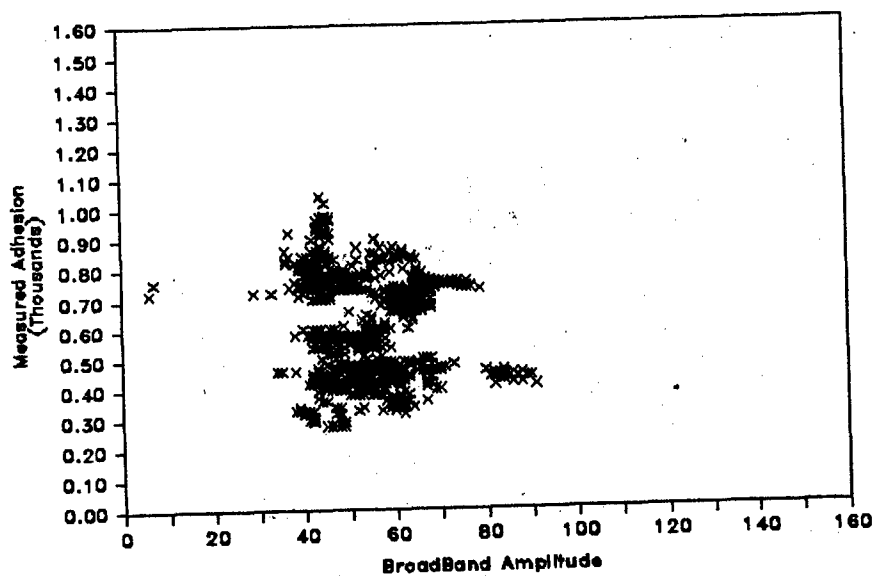


(b) Adhesion vs. Broadband Amplitude

Figure 5-5. Measured Adhesion vs. ADRIS Parameter Scatter 24 x 3.75

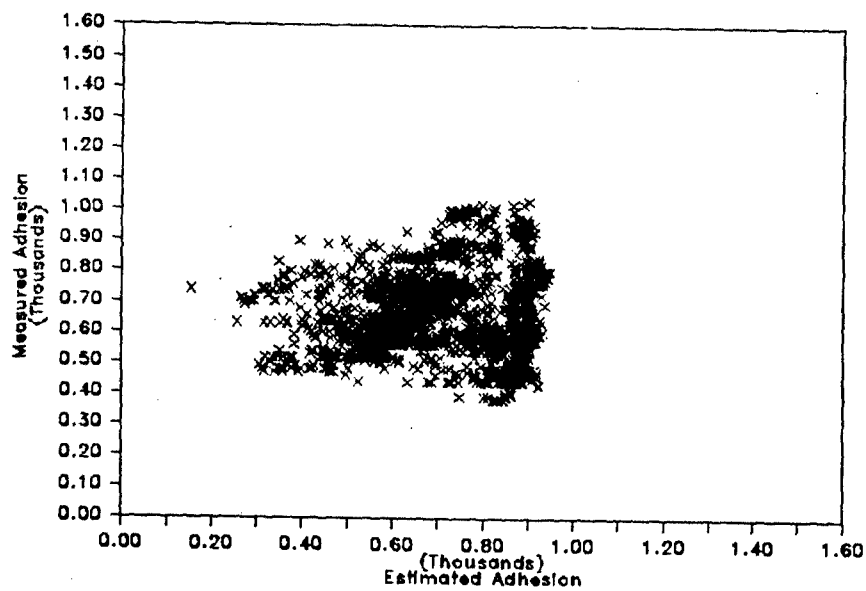


(a) Adhesion vs. Estimate

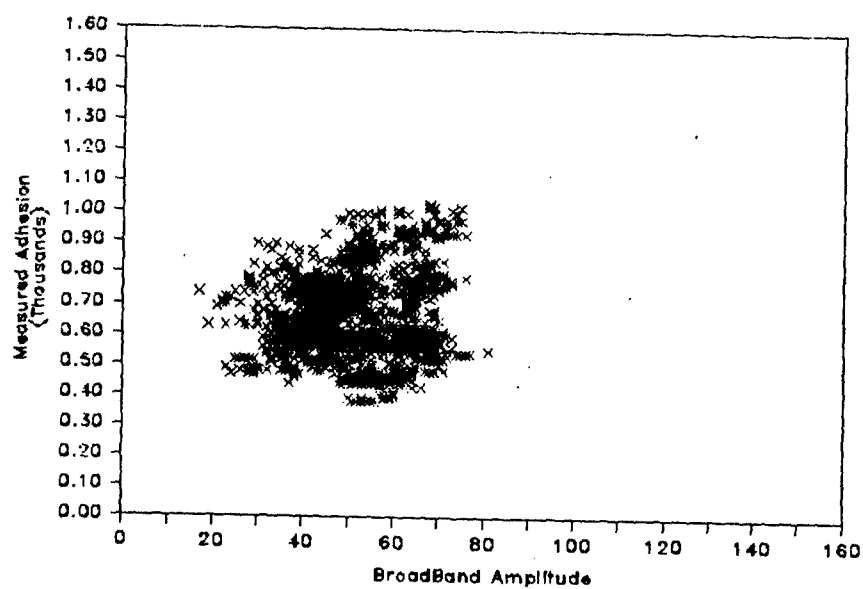


(b) Adhesion vs. Broadband Amplitude

Figure 5-6. Measured Adhesion vs. ADRIS Parameter  
Scatter 26 x 5.75



(a) Adhesion vs. Estimate



(b) Adhesion vs. Broadband Amplitude

Figure 5-7. Measured Adhesion vs. ADRIS Parameter  
Scatter 26 x 6

Table 5-2. Regression by Roadwheel Size

| SIZE                | COEFFICIENT<br>OF<br>CORRELATION | REGRESSION<br>LINE        |
|---------------------|----------------------------------|---------------------------|
| 24 in. by 2.12 in.  | -0.034                           | $M = -0.016 * E + 544.9$  |
| 24 in. by 2-1/8 in. | 0.440                            | $M = 0.203 * E + 301.0$   |
| 24 in. by 3-3/4 in. | 0.552                            | $M = 0.537 * E + 4.3$     |
| 26 in. by 5-3/4 in. | -0.776                           | $M = -0.620 * E + 1060.6$ |
| 26 in. by 6 in.     | 0.020                            | $M = 0.024 * E + 655.9$   |

(a.) Estimation

|                     |        |                          |
|---------------------|--------|--------------------------|
| 24 in. by 2.12 in.  | -0.190 | $M = -2.989 * B + 725.9$ |
| 24 in. by 2-1/8 in. | 0.542  | $M = 4.074 * B + 224.5$  |
| 24 in. by 3-3/4 in. | 0.461  | $M = 5.588 * B + 76.9$   |
| 26 in. by 5-3/4 in. | -0.087 | $M = -1.437 * B + 665.5$ |
| 26 in. by 6 in.     | 0.096  | $M = 1.561 * B + 587.9$  |

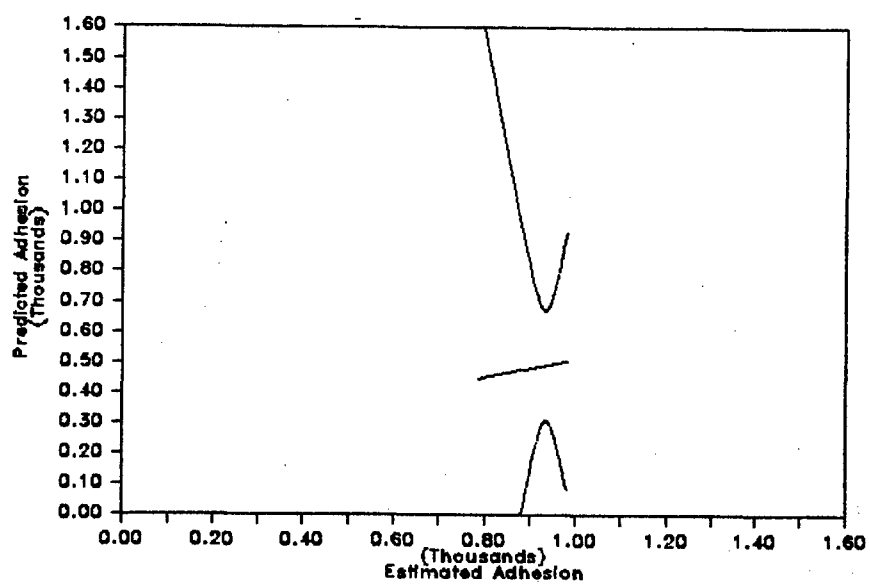
(b.) BroadBand

best coefficient of correlation is associated with the behavior of 26 in. by 5-3/4 in. roadwheels and it is a negative coefficient of unpromising low value. The regression line has a negative slope. This result is at such variance with expectations that the data was examined in more detail to discover the cause. Within each size category, roadwheels were further classified according to the slope of their relation between measured adhesion and an ADRIS output. As would be expected, this tended to reduce scatter and led to better correlations.

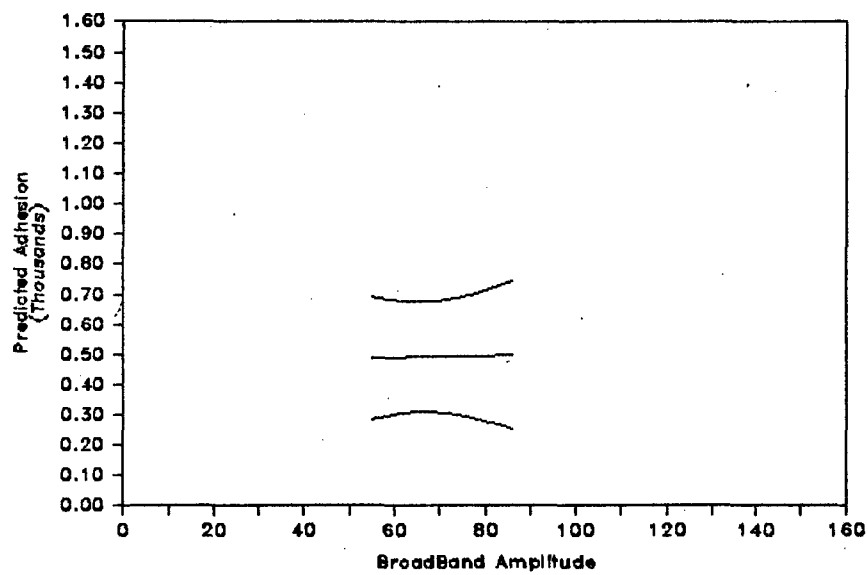
To further quantify these results, least squares linear regressions were applied to that class of each size of roadwheel that exhibited the least scatter in the adhesion vs. broadband amplitude relation (such relations typically had less scatter than the associated adhesion vs. estimate relations). These results are exhibited in Figures 5-8 through 5-12 and summarized in Table 5-3. Trends continue to exist by which adhesion can be predicted by one acquired and one derived ADRIS output. Except for 24 in. by 3-3/4 in. roadwheels, the regressed linear relations continue to bear no relation at all to the linear relations derived from the averages of measured and ADRIS-estimated adhesion described in par. 5.2.1.1. However, the best coefficient of correlation is associated with the behavior of 26 in. by 5-3/4 in. roadwheels and it is now a positive coefficient. No reason could be found why these subcategories existed. During the field test, parameters associated with Supply Quality Control (SQC) number, rubber quality, fabrication procedure, and even peel-test mechanics were identified and recorded. None could reliably be associated with the existence of distinct subclasses of ultrasonic adhesion behavior within roadwheel size groups. The best coefficient of correlation was found to be no larger than 0.80, signifying a low level of confidence in being able to use the regression line to predict adhesion on a wheel-by-wheel or point-by-point basis.

The fact that trends do exist relating ADRIS output to roadwheel adhesive strength implies, in spite of the poor degree of correlation, that there is an ultrasonic foundation upon which adhesion can be estimated. The selection mechanism for correlatable data described in the introduction of par. 5.2.1 has probably been insufficient to overcome the variability inherent in the mechanics of the destructive peel test. The measuring of adhesion as the entire width of the roadwheel tread is pulled away from the hub cannot easily be correlated with the intrinsically localized readings of the ADRIS. Also, until the independent variable of the peel test is linked directly to the circumferential motion of the roadwheel, instead of being inferred from the time base as it has been in this study, the correlation of ADRIS output with peel-strength can never be the best. In an attempt to bypass these limitations and to realize the goal of this project, a more detailed, less computerized type of correlation analysis was attempted.

5.2.1.3 Correlation of patterns. For this type of correlation, the measured peel-strength records and ADRIS printouts were manually examined for the existence of some unique pattern of broadband or frequency ratio behavior with respect to circumferential sampling which correlated reliably with the existence of peel-strength test rejection caused by failure of

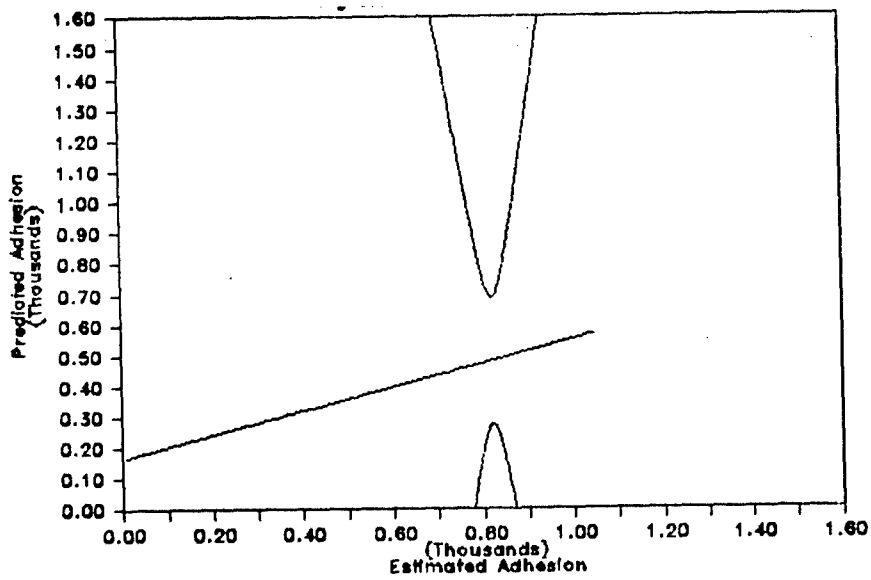


(a) Adhesion vs. Estimate

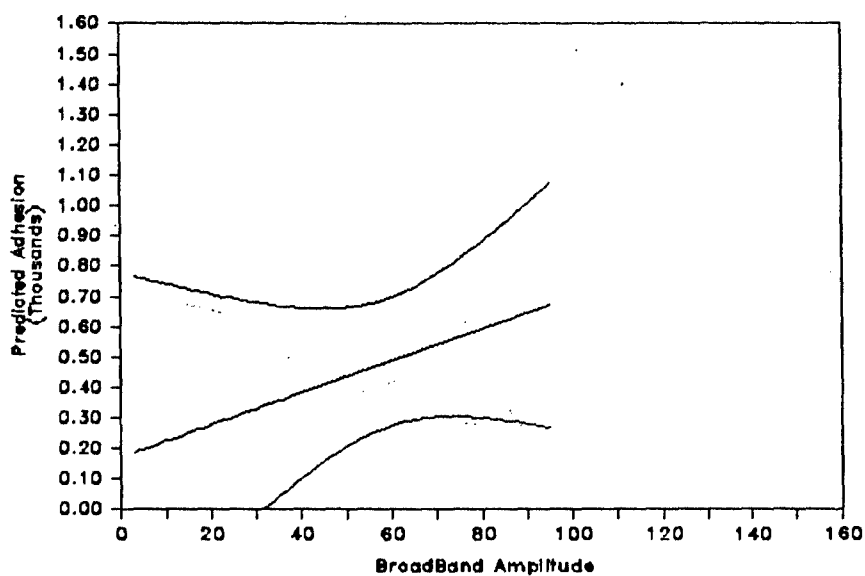


(b) Adhesion vs. Broadband Amplitude

Figure 5-8. Predicted Adhesion vs. ADRIS Parameter  
Regression 24 x 2.12 Class I

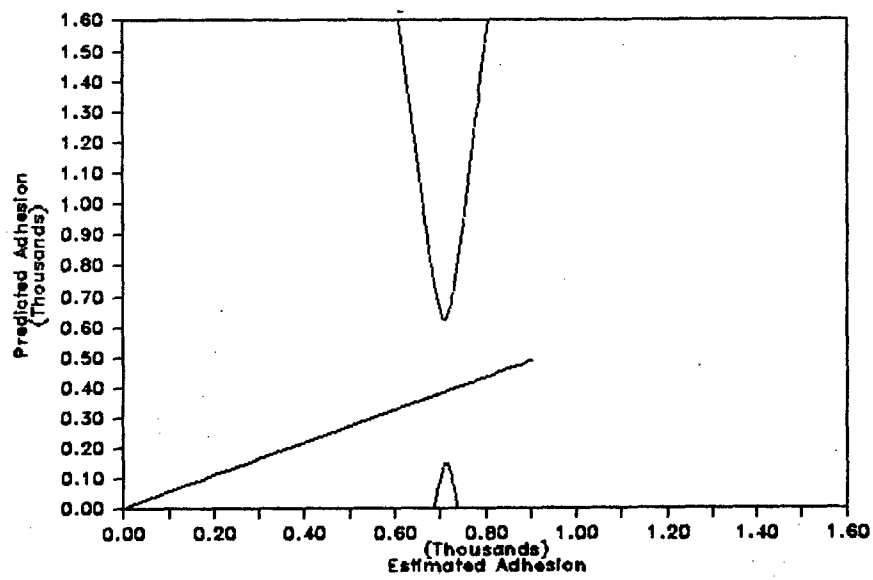


(a) Adhesion vs. Estimate

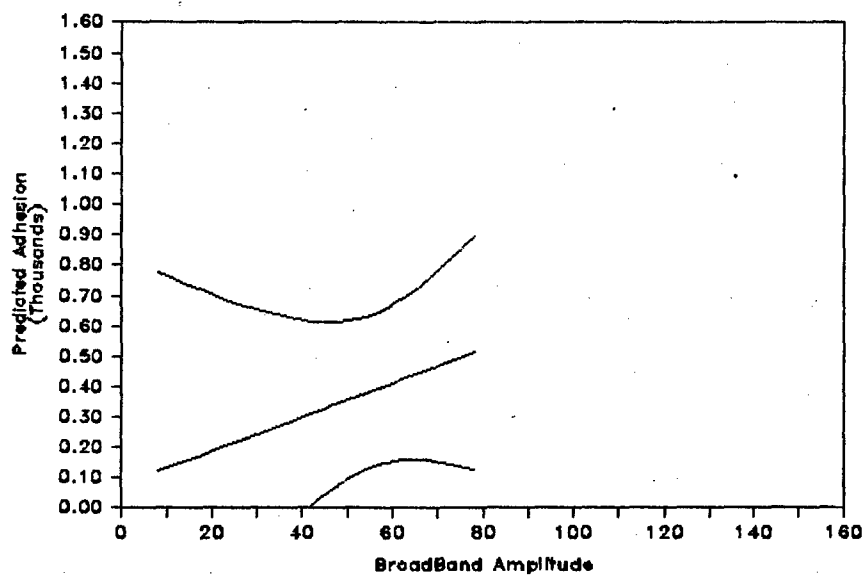


(b) Adhesion vs. Broadband Amplitude

Figure 5-9. Predicted Adhesion vs. ADRIS Parameter Regression 24 x 2.125 Class I

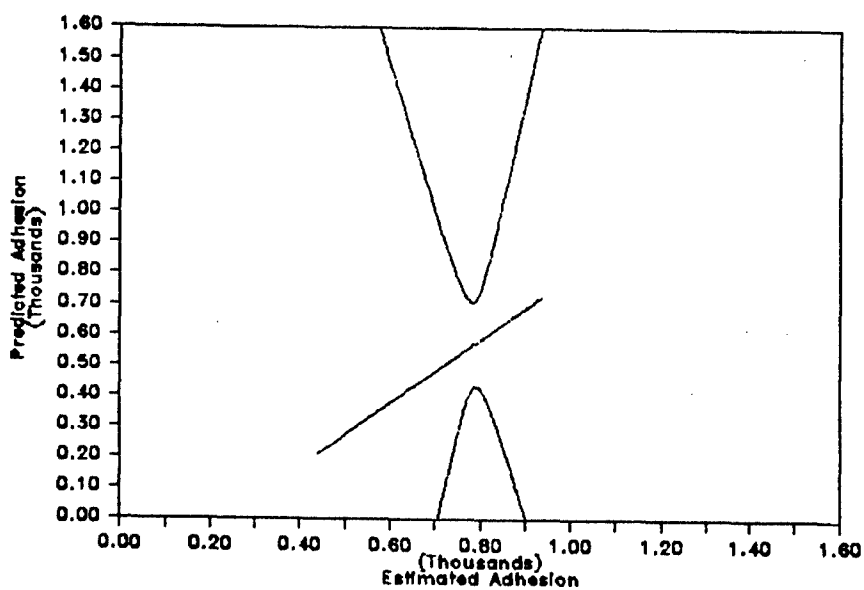


(a) Adhesion vs. Estimate

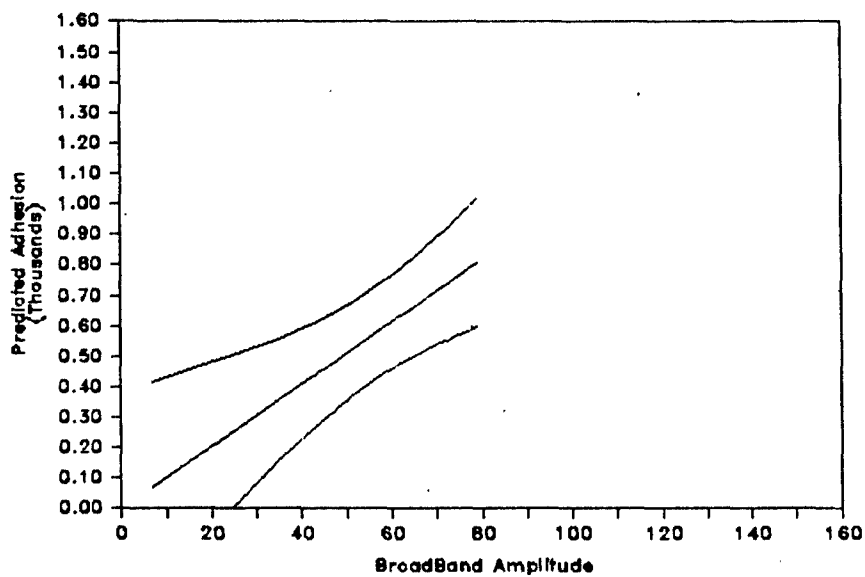


(b) Adhesion vs. Broadband Amplitude

Figure 5-10. Predicted Adhesion vs. ADRIS Parameter Regression  $24 \times 3.75$

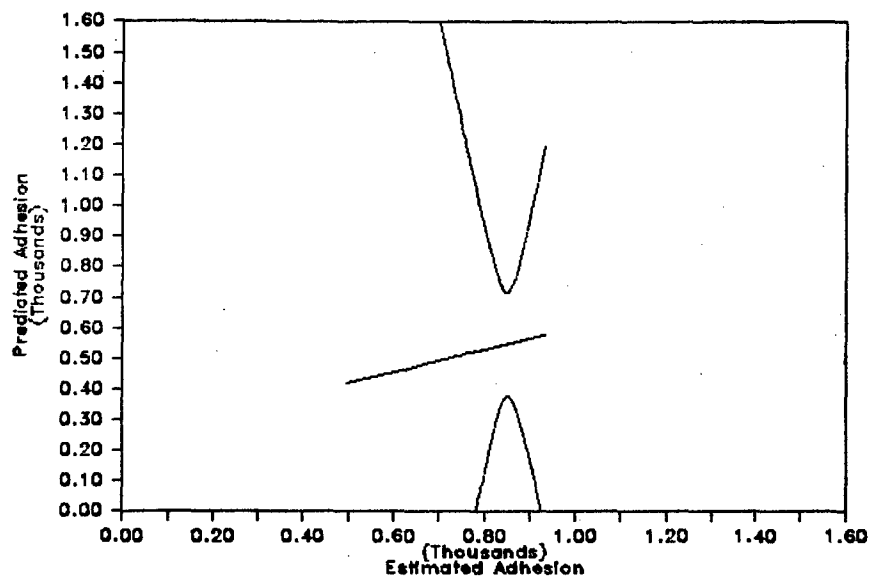


(a) Adhesion vs. Estimate

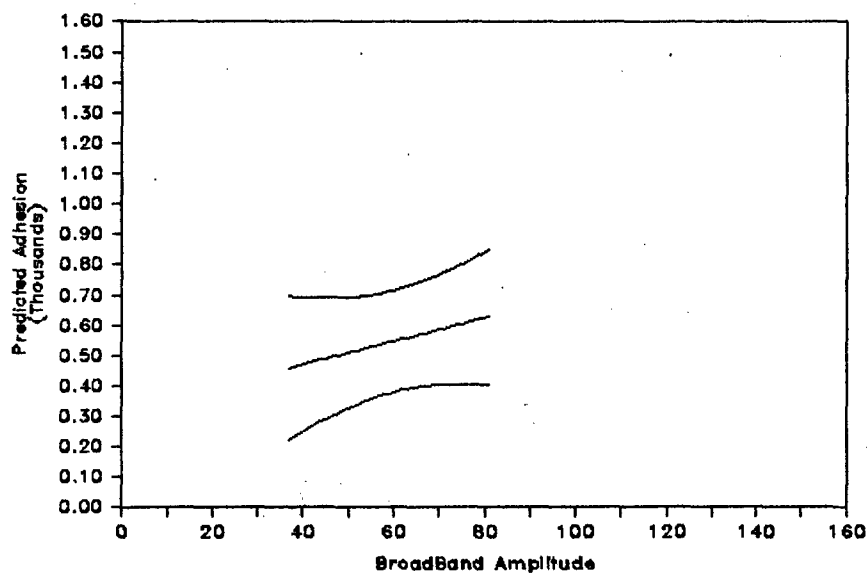


(b) Adhesion vs. Broadband Amplitude

Figure 5-11. Predicted Adhesion vs. ADRIS Parameter Regression 26 x 5.75 Class I



(a) Adhesion vs. Estimate



(b) Adhesion vs. Broadband Amplitude

Figure 5-12. Predicted Adhesion vs. ADRIS Parameter  
Regression 26 x 6 Class I

Table 5-3. Regression by "Class I" Roadwheel Size

| SIZE                | COEFFICIENT<br>OF<br>CORRELATION | REGRESSION<br>LINE      |
|---------------------|----------------------------------|-------------------------|
| 24 in. by 2.12 in.  | 0.070                            | $M = 0.289 * E + 221.7$ |
| 24 in. by 2-1/8 in. | 0.675                            | $M = 0.386 * E + 165.0$ |
| 24 in. by 3-3/4 in. | 0.552                            | $M = 0.537 * E + 4.3$   |
| 26 in. by 5-3/4 in. | 0.803                            | $M = 1.034 * E - 243.6$ |
| 26 in. by 6 in.     | 0.223                            | $M = 0.362 * E + 241.3$ |

(a.) Estimation

|                     |       |                         |
|---------------------|-------|-------------------------|
| 24 in. by 2.12 in.  | 0.012 | $M = 0.290 * B + 473.0$ |
| 24 in. by 2-1/8 in. | 0.655 | $M = 5.249 * B + 171.9$ |
| 24 in. by 3-3/4 in. | 0.461 | $M = 5.588 * B + 76.9$  |
| 26 in. by 5-3/4 in. | 0.766 | $M = 10.193 * B + 0.6$  |
| 26 in. by 6 in.     | 0.279 | $M = 3.832 * B + 317.5$ |

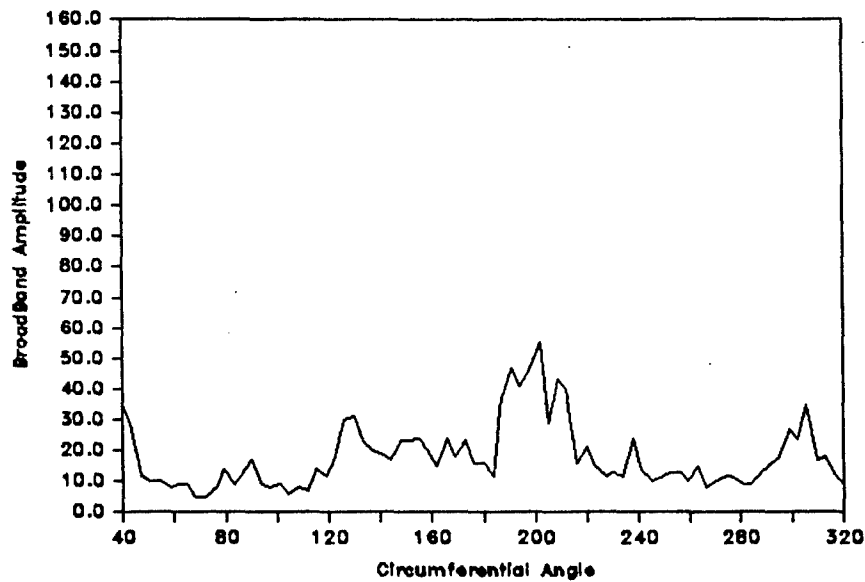
(b.) BroadBand

adhesive strength. In the time period of this field test, only three roadwheels inspected by the ADRIS failed due to adhesion failure. Two of these wheels were deliberately made to possess low bond strength, but the third was a "natural" adhesion failure drawn from a production sample. A pattern of ultrasonic activity was found common to all these failures. This pattern was the presence of broadband amplitude less than a value of 40 for a contiguous circumferential extent equal to or greater than 7.5 inches ( or  $36^\circ$  of arc). Figures 5-13, 5-14, and 5-15 show these patterns which predict adhesion failure. Implementing a filter for this pattern in the ADRIS will require programming a Test B analog for the broadband channel with support algorithms.

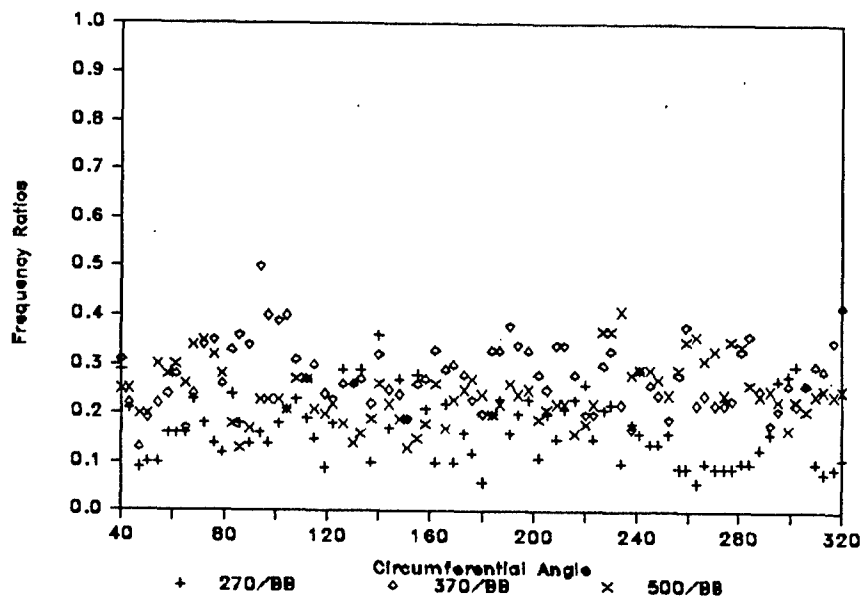
**5.2.2 Separation Detection.** If the ADRIS is to effectively replace the present peel-strength test, in addition to being able to predict the adhesive strength of the roadwheel rubber-to-metal bond as measured by the peel test, it must be able to detect the presence of rejectable separations in the rubber-to-metal interface as well as the quality assurance personnel do. Thus, the secondary task of the field test was to correlate the peel test separation discoveries with one or more of the ADRIS outputs to find which output yielded the best separation detection and to assess the reliability and accuracy of the detection.

As illustrated in Table 5-4, no ADRIS output provided a usable separation detection capability. The average percentage of separations detected was 40 percent with the larger diameter roadwheels having the larger percentage of detection. The circumstances under which separations were detected when they were detected reveals possible explanations for why the detection rate was so low and yields implications for ADRIS design to increase the detection rate. Figures 5-16 and 5-17 show the ADRIS broadband indication for the most unambiguous detections of separations. The RRAD quality assurance personnel referred to these as "trapped air" pockets. Each was a large diameter separation (0.75 inches or larger) and each was positioned such that it passed under the beam of the ultrasonic transducer during inspection. Invariably, ultrasonically undetected separations were smaller in diameter than 0.75 inches or did not pass under the transducer or both. Figure 5-18 illustrates the interesting case of a 1-inch-diameter separation located at  $210^\circ$  on the circumference which, being on the midline, passed between the beams of a twin transducer configuration. Nevertheless, its diameter was sufficient enough to cause it to register in one or both transducers and thus be detected.

These results imply that the rate of ADRIS-detected separations can be increased by the appropriate modification of ADRIS configuration and firmware. The first modification necessary is one that allows ultrasonic scanning of the entire roadwheel tread. The present ADRIS configuration limits scanning to one or two parallel bands each of 1-inch width around the roadwheel circumference. Incorporation of a linear array of transducers will permit complete coverage of the roadwheel with the guarantee that any separations will fall within an ultrasonic beam sometime during the inspection. Such a modification will require reprogramming of the present system to treat each transducer as an independent channel of input.

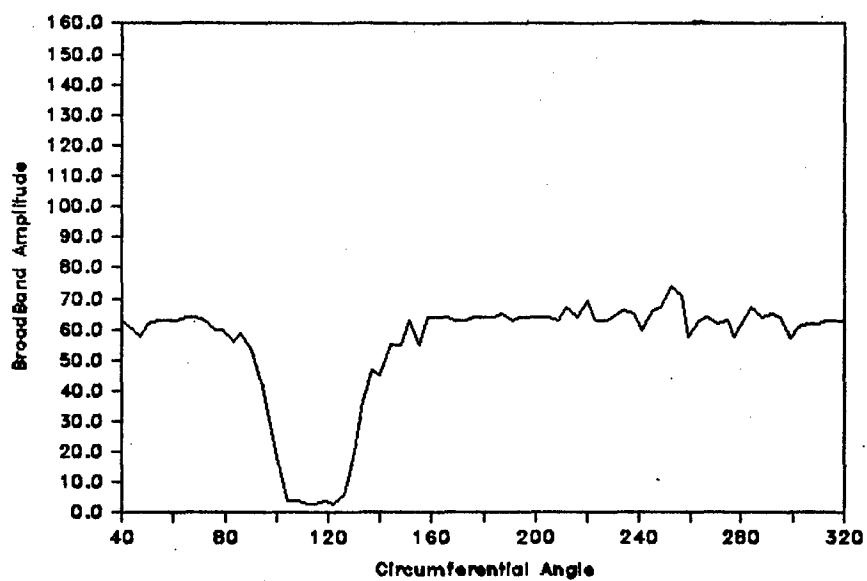


(a) Broadband Amplitude vs. Circumference

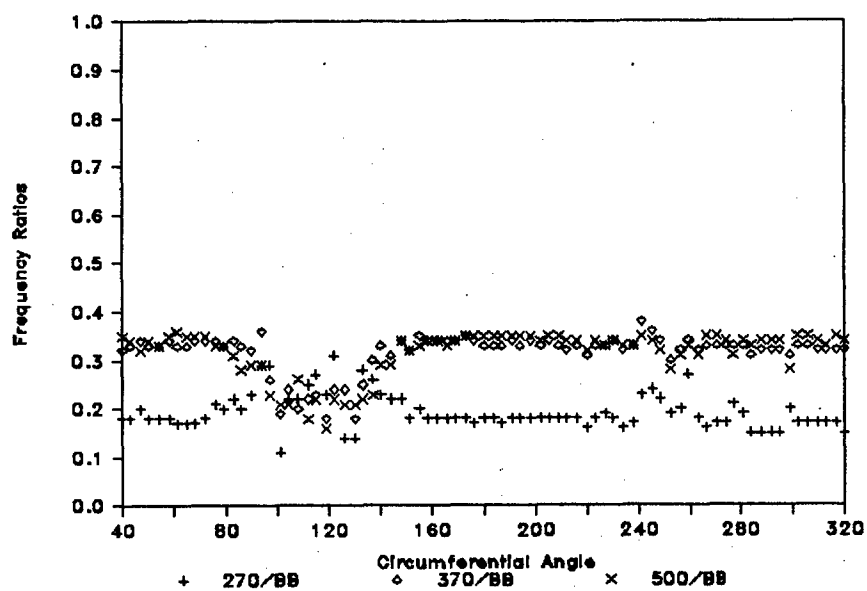


(b) Spectral Activity vs. Circumference

Figure 5-13. ADRIS Indication of Adhesion Failure between 135° and 180° Circumference in 24 x 2.125 Roadwheel F620740

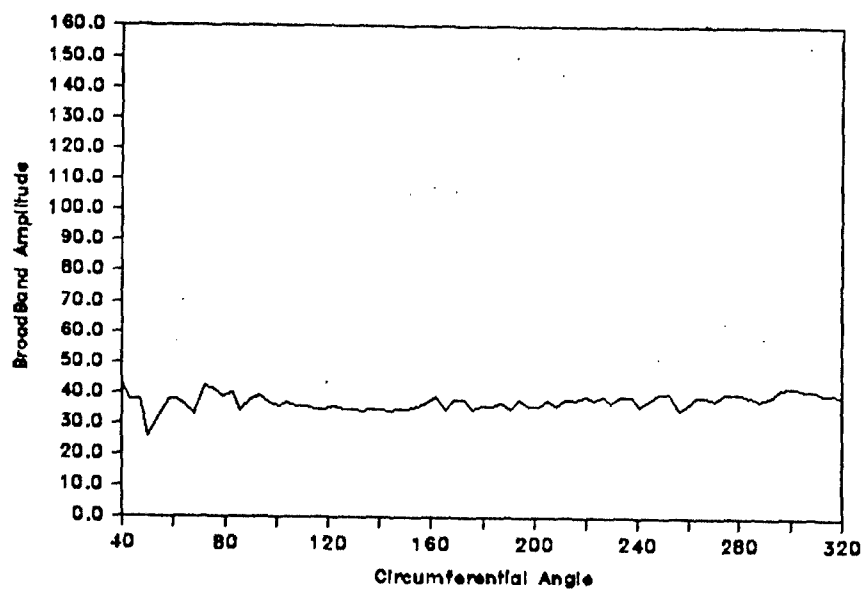


(a) Broadband Amplitude vs. Circumference

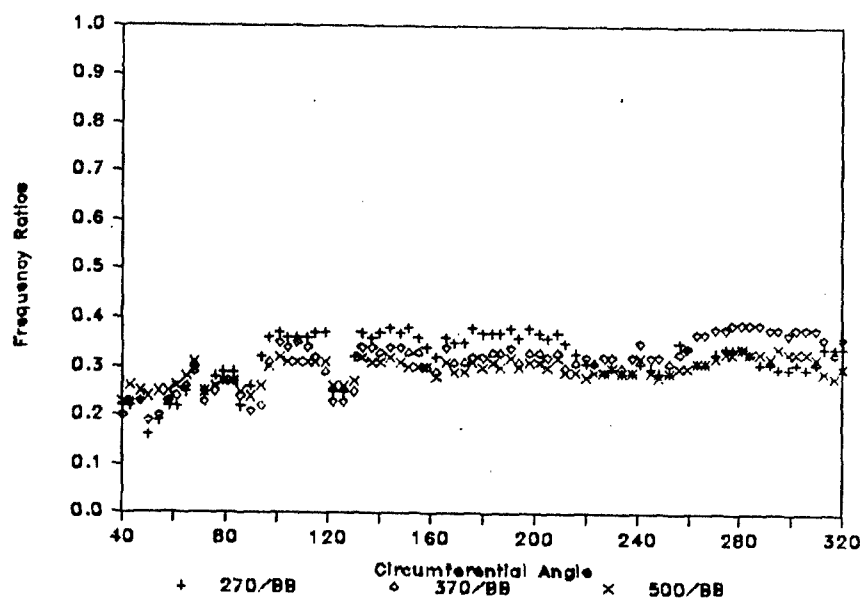


(b) Spectral Activity vs. Circumference

Figure 5-14. ADRIS Indication of Adhesion Failure near 90° Circumference in 24 x 2.125 Roadwheel F620741



(a) Broadband Amplitude vs. Circumference

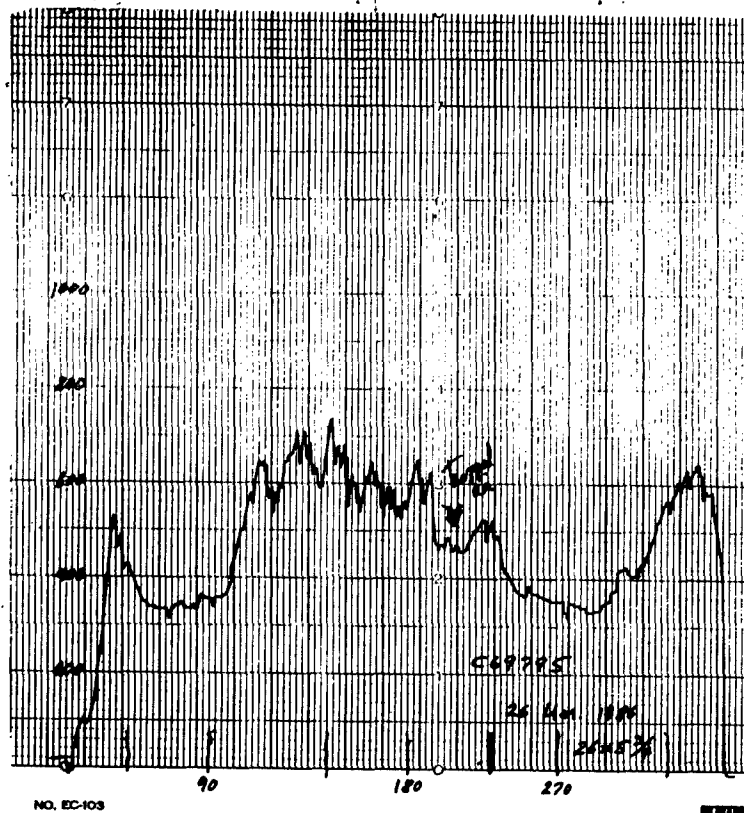


(b) Spectral Activity vs. Circumference

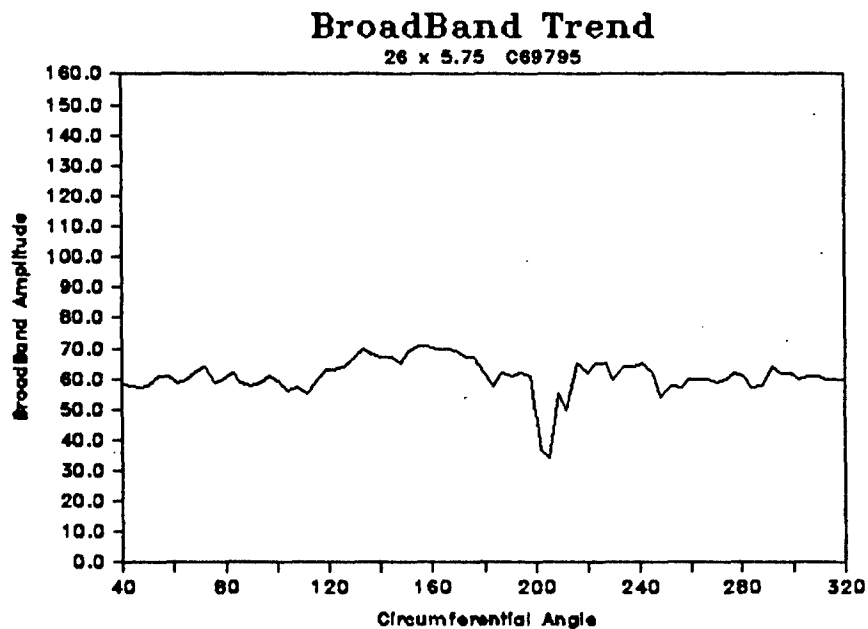
Figure 5-15. ADRIS Indication of Adhesion Failure between 90° and 270° Circumference in 24 x 2.125 Roadwheel B66339

Table 5-4. Summary of ADRIS Separation Detection

| SIZE                | SEPARATIONS<br>DETECTED | SEPARATIONS<br>MISSED | SEPARATIONS<br>OVERCALLED |
|---------------------|-------------------------|-----------------------|---------------------------|
| 24 in. by 2.12 in.  | 2                       | 2                     | 1                         |
| 24 in. by 2-1/8 in. | 5                       | 10                    | 2                         |
| 24 in. by 3-3/4 in. | 0                       | 0                     | 0                         |
| 26 in. by 5-3/4 in. | 2                       | 2                     | 6                         |
| 26 in. by 6 in.     | 5                       | 5                     | 13                        |

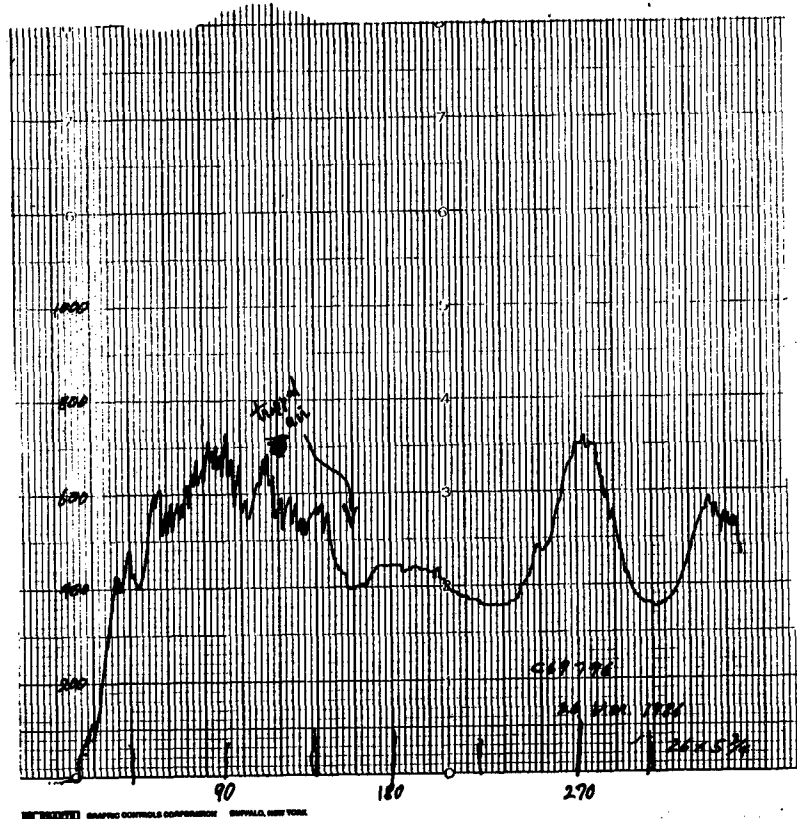


(a) Measured Adhesion vs. Circumference

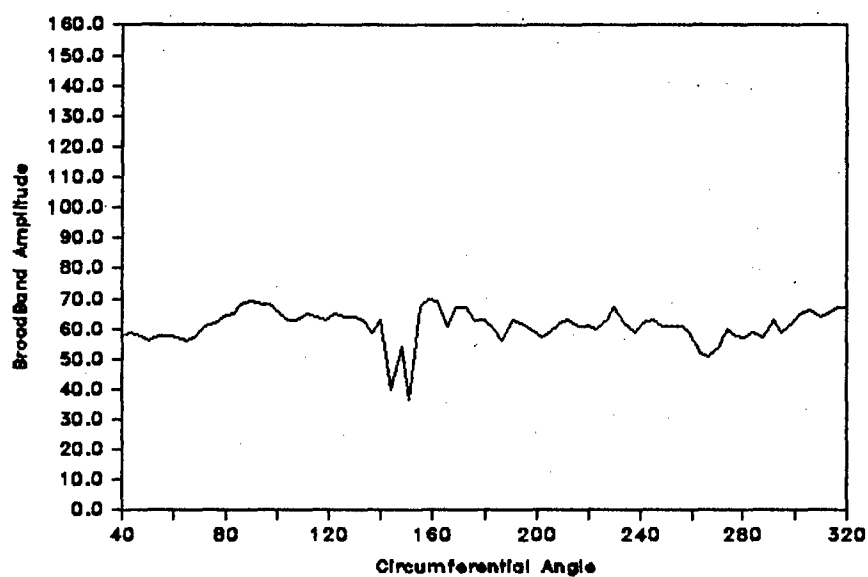


(b) Broadband Amplitude vs. Circumference

Figure 5-16. ADRIS Indication of Separation near 205° Circumference in 26 x 5.75 Roadwheel C69795

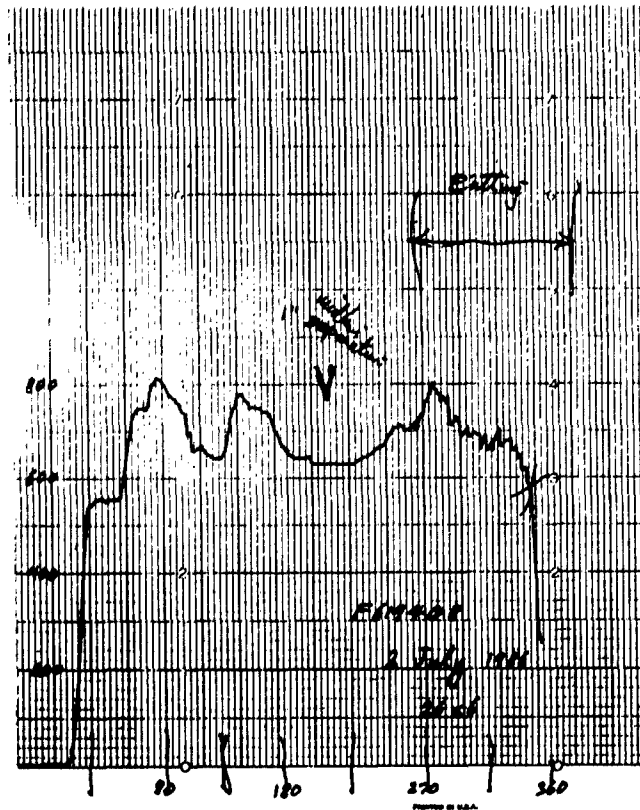


(a) Measured Adhesion vs. Circumference

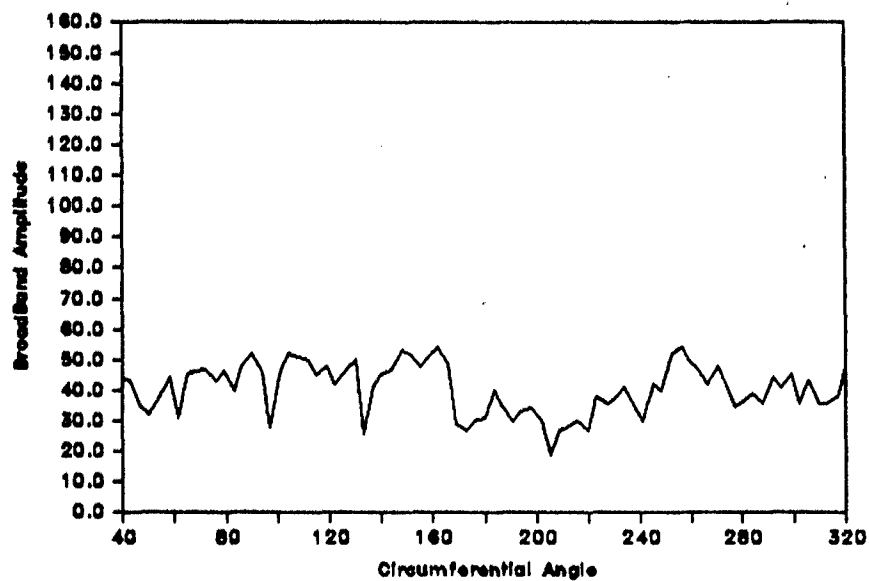


(b) Broadband Amplitude vs. Circumference

Figure 5-17 ADRIS Indication of Separation near 150° Circumference in 26 x 5.75 Roadwheel C69796



(a) Measured Adhesion vs. Circumference



(b) Broadband Amplitude vs. Circumference

Figure 5-18. ADRIS Indication of Separation near 210°  
Circumference in 26 x 6 Roadwheel F619408

As discussed in par. 5.2.1, averaging of data among the transducers does not affect the ability of the ADRIS to predict rejectable adhesion, but it may affect the detection of separations, especially if more than two transducers are used. Therefore, the controlling microcomputer must process acquisitions for separation detection as independent channels. This will place such an extra computational load on the present microprocessor hardware that the required inspection time may have to be increased almost proportionally, or a faster microprocessor family will have to be installed.

In addition to implementing a linear transducer array for separation detection, the diameter of each transducer beam will have to be made smaller to increase the resolution of the inspection. RRAD peel test requirements presently reject roadwheel lots on the detection of separation(s) of an apparent diameter of 0.125 inch or larger. Thus, the ADRIS must be able to resolve to this size. As presently configured, the ADRIS acquires ultrasonic reflection data from an area approximately the diameter of 1 inch for each pulse. As a consequence, any separation of 0.125 inch diameter reflecting a fraction  $s$  of well-bonded ultrasonic energy  $N$  will cause the acquired signal to be reduced by a factor:

$$\frac{63}{64} * N + \frac{s}{64} * N$$

Thus, if the separation is reflecting a fraction very nearly zero, the resulting amplitude of the entire acquired signal would only be 0.984, an insignificant reduction. Such a separation would almost certainly go undetected. However, as the effective transducer beam width approaches the width of the minimum rejectable separation, a greater fraction of the separation's signature weights the acquisition aperture and the net signature increases in significance, increasing detection probability.

Another firmware modification required will be that supporting a higher resolution in the averaging of acquired input to produce sampled values. The present computation of samples yields a maximum resolution of 0.754 inch to 0.817 inch around the circumference for 24 and 26-inch-diameter diameter roadwheels respectively. If it is desired to detect separations of diameter as small as 0.125 inch, the computation of averages must not extend beyond this limit. This sixfold increase in samples will place even heavier loads on the microcomputer's computational and memory resources. It is estimated that present address availability is insufficient for such expansion and that a more powerful microprocessor family will have to be incorporated.

**5.2.3 Cosmetic Fault Detection.** If the ADRIS is required to replace the present peel-strength test, in addition to being able to predict the adhesive strength of the roadwheel rubber-to-metal bond as measured by the peel test and to detect the presence of rejectable separations in the rubber-to-metal interface as well as the quality assurance personnel do, it

may also be required to detect the so-called "cosmetic faults." These are typically contamination of the bond interface by foreign material, poor joining of the rubber tread splice, and other instances of poor fitting or workmanship revealable only upon destructive testing of the roadwheel. During this field test, no evidence was found to suggest that the ADRIS could detect any of these conditions. However, it is possible that performance in this area could be improved by incorporation of the modifications discussed in par. 5.2.2 to increase the resolution of the ADRIS to detect the presence of separations.

## ADDENDUM

Size: 24 X 2.12

Comments: Data extracted from regions  
exhibiting smooth adhesion pull.

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|           |       |       |       |       |       |               |               |               |               | NORM.        |               |              |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|--------------|
| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | EST.<br>PEEL |
| E614077 : |       |       |       |       |       |               |               |               |               |              |               |              |
| 115       | 11    | 0     | 11    | 23    | 22    | 69            | 0.17          | 0.34          | 0.32          | 946          | 450           | 349          |
| 119       | 11    | 0     | 11    | 23    | 22    | 63            | 0.18          | 0.37          | 0.35          | 934          | 450           | 344          |
| 122       | 11    | 0     | 11    | 23    | 23    | 63            | 0.18          | 0.37          | 0.36          | 939          | 460           | 346          |
| 126       | 11    | 0     | 12    | 23    | 22    | 64            | 0.18          | 0.37          | 0.35          | 936          | 460           | 345          |
| 130       | 11    | 0     | 12    | 23    | 22    | 63            | 0.19          | 0.37          | 0.35          | 935          | 460           | 345          |
| 133       | 11    | 0     | 12    | 24    | 22    | 64            | 0.19          | 0.37          | 0.35          | 940          | 460           | 347          |
| 137       | 11    | 0     | 13    | 24    | 22    | 63            | 0.20          | 0.37          | 0.35          | 934          | 460           | 344          |
| 140       | 11    | 0     | 14    | 24    | 22    | 64            | 0.22          | 0.37          | 0.35          | 941          | 450           | 347          |
| 144       | 11    | 0     | 13    | 23    | 22    | 64            | 0.20          | 0.36          | 0.34          | 938          | 450           | 346          |
| 148       | 11    | 0     | 14    | 24    | 22    | 66            | 0.21          | 0.36          | 0.33          | 939          | 450           | 346          |
| 151       | 11    | 0     | 13    | 24    | 22    | 64            | 0.20          | 0.37          | 0.35          | 941          | 450           | 347          |
| 155       | 11    | 0     | 13    | 24    | 22    | 65            | 0.20          | 0.37          | 0.34          | 935          | 450           | 345          |
| 158       | 11    | 0     | 13    | 24    | 22    | 64            | 0.20          | 0.37          | 0.35          | 937          | 450           | 345          |
| 162       | 11    | 0     | 13    | 24    | 22    | 64            | 0.20          | 0.38          | 0.35          | 940          | 460           | 347          |
| 166       | 11    | 0     | 13    | 24    | 23    | 65            | 0.20          | 0.36          | 0.35          | 946          | 460           | 349          |
| 169       | 11    | 0     | 13    | 24    | 23    | 64            | 0.20          | 0.37          | 0.36          | 942          | 480           | 347          |
| 173       | 11    | 0     | 13    | 24    | 23    | 65            | 0.20          | 0.36          | 0.35          | 944          | 480           | 348          |
| 176       | 11    | 0     | 13    | 23    | 22    | 65            | 0.20          | 0.36          | 0.35          | 941          | 480           | 347          |
| 180       | 11    | 0     | 13    | 24    | 22    | 69            | 0.19          | 0.35          | 0.33          | 950          | 440           | 350          |
| 184       | 11    | 0     | 13    | 23    | 23    | 64            | 0.20          | 0.36          | 0.36          | 944          | 450           | 348          |
| 187       | 11    | 0     | 13    | 24    | 22    | 65            | 0.20          | 0.36          | 0.34          | 937          | 460           | 345          |
| 191       | 11    | 0     | 13    | 23    | 22    | 64            | 0.20          | 0.36          | 0.35          | 936          | 470           | 345          |
| 194       | 11    | 0     | 13    | 23    | 23    | 64            | 0.21          | 0.36          | 0.35          | 941          | 460           | 347          |
| 198       | 11    | 0     | 13    | 23    | 23    | 65            | 0.20          | 0.36          | 0.35          | 944          | 450           | 348          |
| 202       | 11    | 0     | 12    | 23    | 22    | 65            | 0.19          | 0.35          | 0.34          | 936          | 430           | 345          |
| 205       | 11    | 0     | 13    | 22    | 23    | 67            | 0.19          | 0.34          | 0.34          | 945          | 440           | 348          |
| 209       | 11    | 0     | 12    | 23    | 22    | 65            | 0.19          | 0.35          | 0.34          | 938          | 460           | 346          |
| 212       | 11    | 0     | 12    | 23    | 22    | 72            | 0.17          | 0.32          | 0.31          | 956          | 470           | 352          |
| 216       | 11    | 0     | 13    | 24    | 23    | 65            | 0.19          | 0.36          | 0.35          | 942          | 490           | 347          |
| 220       | 11    | 0     | 13    | 24    | 23    | 65            | 0.20          | 0.37          | 0.35          | 943          | 490           | 348          |
| 223       | 11    | 0     | 13    | 24    | 22    | 65            | 0.20          | 0.37          | 0.35          | 942          | 490           | 347          |
| 227       | 11    | 0     | 13    | 24    | 23    | 65            | 0.20          | 0.37          | 0.35          | 946          | 490           | 349          |
| 230       | 11    | 0     | 13    | 24    | 23    | 65            | 0.20          | 0.37          | 0.35          | 945          | 500           | 348          |
| 234       | 11    | 0     | 13    | 24    | 23    | 66            | 0.20          | 0.37          | 0.35          | 952          | 540           | 351          |
| 270       | 11    | 0     | 12    | 22    | 22    | 67            | 0.18          | 0.33          | 0.33          | 941          | 870           | 347          |
| 274       | 11    | 0     | 12    | 22    | 22    | 64            | 0.19          | 0.35          | 0.34          | 934          | 600           | 344          |
| 277       | 11    | 0     | 12    | 22    | 22    | 71            | 0.17          | 0.31          | 0.31          | 946          | 500           | 349          |
| 281       | 11    | 0     | 12    | 22    | 22    | 63            | 0.19          | 0.35          | 0.35          | 932          | 460           | 344          |
| 284       | 11    | 0     | 12    | 22    | 22    | 64            | 0.19          | 0.34          | 0.34          | 932          | 430           | 344          |
| 288       | 11    | 0     | 12    | 21    | 22    | 68            | 0.17          | 0.31          | 0.32          | 931          | 430           | 343          |
| 292       | 11    | 0     | 12    | 21    | 22    | 67            | 0.17          | 0.31          | 0.32          | 929          | 430           | 343          |
| 295       | 11    | 0     | 11    | 21    | 22    | 68            | 0.17          | 0.31          | 0.33          | 932          | 430           | 344          |
| 299       | 11    | 0     | 12    | 22    | 22    | 67            | 0.18          | 0.32          | 0.34          | 939          | 440           | 346          |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD 270/ 370/ 500/ |       |       |       | EST. | MEAS. | NORM.     |
|-----------|-------|-------|-------|-------|-------|----------------------|-------|-------|-------|------|-------|-----------|
|           |       |       |       |       |       | BAND                 | BBAND | BBAND | BBAND | PEEL | PEEL  | EST. PEEL |
| 302       | 11    | 0     | 12    | 21    | 22    | 69                   | 0.18  | 0.31  | 0.33  | 941  | 440   | 347       |
| 306       | 11    | 0     | 12    | 21    | 22    | 65                   | 0.19  | 0.33  | 0.34  | 926  | 440   | 341       |
| 310       | 11    | 0     | 12    | 21    | 22    | 72                   | 0.17  | 0.29  | 0.31  | 944  | 420   | 348       |
| 313       | 11    | 0     | 12    | 21    | 22    | 65                   | 0.18  | 0.32  | 0.34  | 925  | 420   | 341       |
| 317       | 11    | 0     | 12    | 21    | 22    | 64                   | 0.20  | 0.33  | 0.34  | 924  | 430   | 341       |
| 320       | 11    | 0     | 13    | 22    | 22    | 63                   | 0.21  | 0.35  | 0.35  | 926  | 440   | 341       |
| 324       | 11    | 0     | 13    | 22    | 22    | 63                   | 0.21  | 0.35  | 0.36  | 932  | 450   | 344       |
| 328       | 11    | 0     | 13    | 22    | 22    | 63                   | 0.21  | 0.34  | 0.35  | 933  | 470   | 344       |
| 331       | 11    | 0     | 13    | 22    | 22    | 65                   | 0.20  | 0.33  | 0.35  | 935  | 490   | 345       |
| 335       | 11    | 0     | 12    | 21    | 22    | 64                   | 0.19  | 0.33  | 0.35  | 928  | 500   | 342       |
| 338       | 11    | 0     | 13    | 22    | 23    | 65                   | 0.20  | 0.34  | 0.35  | 940  | 500   | 347       |
| 342       | 11    | 0     | 12    | 21    | 22    | 69                   | 0.17  | 0.30  | 0.32  | 934  | 500   | 344       |
| 346       | 11    | 0     | 12    | 21    | 22    | 63                   | 0.19  | 0.34  | 0.35  | 924  | 500   | 341       |
| 349       | 11    | 0     | 13    | 22    | 22    | 62                   | 0.20  | 0.35  | 0.35  | 928  | 500   | 342       |
| 353       | 11    | 0     | 13    | 22    | 22    | 64                   | 0.20  | 0.35  | 0.34  | 931  | 490   | 343       |
| 356       | 11    | 0     | 13    | 23    | 22    | 63                   | 0.20  | 0.36  | 0.35  | 931  | 520   | 343       |
| 360       | 22    | 0     | 14    | 22    | 22    | 63                   | 0.22  | 0.35  | 0.34  | 925  | 480   | 341       |
| E614093 : |       |       |       |       |       |                      |       |       |       |      |       |           |
| 112       | 11    | 0     | 13    | 24    | 22    | 65                   | 0.21  | 0.37  | 0.34  | 931  | 510   | 343       |
| 115       | 10    | 0     | 14    | 23    | 22    | 65                   | 0.21  | 0.36  | 0.34  | 939  | 510   | 346       |
| 119       | 6     | 0     | 14    | 23    | 22    | 63                   | 0.22  | 0.37  | 0.35  | 935  | 510   | 345       |
| 122       | 0     | 0     | 14    | 20    | 17    | 55                   | 0.25  | 0.37  | 0.31  | 823  | 500   | 303       |
| 126       | 1     | 0     | 13    | 19    | 17    | 56                   | 0.24  | 0.34  | 0.30  | 818  | 500   | 302       |
| 130       | 3     | 0     | 14    | 23    | 22    | 64                   | 0.22  | 0.36  | 0.34  | 933  | 490   | 344       |
| 133       | 11    | 0     | 14    | 24    | 22    | 64                   | 0.22  | 0.37  | 0.35  | 935  | 490   | 345       |
| 137       | 10    | 0     | 15    | 24    | 22    | 64                   | 0.23  | 0.37  | 0.35  | 937  | 480   | 345       |
| 140       | 11    | 0     | 14    | 24    | 22    | 64                   | 0.22  | 0.38  | 0.35  | 936  | 480   | 345       |
| 144       | 10    | 0     | 14    | 24    | 22    | 65                   | 0.21  | 0.37  | 0.34  | 940  | 490   | 347       |
| 148       | 32    | 0     | 14    | 24    | 21    | 62                   | 0.23  | 0.38  | 0.34  | 920  | 480   | 339       |
| 151       | 32    | 0     | 14    | 24    | 22    | 64                   | 0.23  | 0.38  | 0.34  | 928  | 480   | 342       |
| 155       | 27    | 0     | 14    | 24    | 21    | 63                   | 0.23  | 0.38  | 0.33  | 914  | 500   | 337       |
| 158       | 10    | 0     | 13    | 24    | 22    | 62                   | 0.22  | 0.38  | 0.36  | 936  | 490   | 345       |
| 162       | 11    | 0     | 13    | 23    | 22    | 63                   | 0.21  | 0.37  | 0.35  | 933  | 480   | 344       |
| 166       | 10    | 0     | 13    | 23    | 22    | 63                   | 0.21  | 0.37  | 0.35  | 933  | 470   | 344       |
| 169       | 11    | 0     | 13    | 23    | 22    | 64                   | 0.20  | 0.36  | 0.35  | 935  | 470   | 345       |
| 173       | 10    | 0     | 13    | 23    | 22    | 66                   | 0.19  | 0.34  | 0.33  | 941  | 500   | 347       |
| 176       | 11    | 0     | 12    | 23    | 22    | 65                   | 0.19  | 0.35  | 0.34  | 938  | 480   | 346       |
| 180       | 10    | 0     | 12    | 23    | 22    | 75                   | 0.16  | 0.30  | 0.30  | 961  | 480   | 354       |
| 184       | 11    | 0     | 12    | 23    | 22    | 66                   | 0.18  | 0.35  | 0.34  | 939  | 480   | 346       |
| 187       | 10    | 0     | 12    | 23    | 22    | 65                   | 0.18  | 0.35  | 0.34  | 936  | 470   | 345       |
| 191       | 11    | 0     | 12    | 23    | 22    | 64                   | 0.19  | 0.36  | 0.34  | 933  | 480   | 344       |
| 194       | 10    | 0     | 12    | 23    | 22    | 67                   | 0.18  | 0.34  | 0.32  | 936  | 450   | 345       |
| 198       | 11    | 0     | 12    | 23    | 22    | 66                   | 0.18  | 0.35  | 0.33  | 933  | 480   | 344       |
| 202       | 10    | 0     | 12    | 23    | 22    | 66                   | 0.18  | 0.34  | 0.33  | 934  | 490   | 344       |
| 205       | 11    | 0     | 12    | 23    | 22    | 71                   | 0.17  | 0.32  | 0.31  | 950  | 490   | 350       |
| 209       | 10    | 0     | 13    | 23    | 22    | 66                   | 0.19  | 0.34  | 0.33  | 937  | 470   | 345       |
| 212       | 11    | 0     | 12    | 22    | 22    | 76                   | 0.16  | 0.29  | 0.29  | 965  | 460   | 356       |
| 216       | 10    | 0     | 12    | 22    | 22    | 68                   | 0.18  | 0.33  | 0.33  | 940  | 460   | 347       |
| 220       | 11    | 0     | 12    | 22    | 22    | 67                   | 0.18  | 0.33  | 0.33  | 933  | 470   | 344       |
| 223       | 10    | 0     | 12    | 22    | 22    | 66                   | 0.19  | 0.33  | 0.33  | 929  | 480   | 343       |
| 227       | 11    | 0     | 12    | 22    | 22    | 65                   | 0.19  | 0.34  | 0.34  | 934  | 480   | 344       |
| 230       | 10    | 0     | 13    | 22    | 22    | 66                   | 0.19  | 0.33  | 0.34  | 934  | 470   | 344       |
| 234       | 11    | 0     | 12    | 22    | 22    | 66                   | 0.19  | 0.34  | 0.33  | 931  | 490   | 343       |
| 238       | 10    | 0     | 12    | 21    | 22    | 73                   | 0.17  | 0.29  | 0.31  | 949  | 480   | 350       |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 241       | 11    | 0     | 12    | 21    | 22    | 67            | 0.19          | 0.32          | 0.33          | 934          | 460           | 344                   |
| 245       | 10    | 0     | 13    | 22    | 22    | 75            | 0.17          | 0.29          | 0.30          | 960          | 460           | 354                   |
| 248       | 11    | 0     | 12    | 22    | 22    | 69            | 0.18          | 0.31          | 0.32          | 939          | 460           | 346                   |
| 252       | 10    | 0     | 12    | 21    | 22    | 68            | 0.18          | 0.32          | 0.33          | 936          | 470           | 345                   |
| 256       | 11    | 0     | 12    | 20    | 22    | 69            | 0.18          | 0.30          | 0.32          | 929          | 490           | 343                   |
| 259       | 10    | 0     | 12    | 20    | 22    | 70            | 0.17          | 0.29          | 0.31          | 932          | 510           | 344                   |
| 263       | 11    | 0     | 12    | 20    | 22    | 71            | 0.16          | 0.28          | 0.31          | 930          | 530           | 343                   |
| 266       | 10    | 0     | 11    | 20    | 22    | 71            | 0.16          | 0.28          | 0.31          | 929          | 560           | 343                   |
| 270       | 11    | 0     | 12    | 20    | 22    | 75            | 0.16          | 0.27          | 0.30          | 944          | 580           | 348                   |
| E614102 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 47        | 11    | 0     | 13    | 23    | 22    | 64            | 0.19          | 0.36          | 0.34          | 936          |               | 345                   |
| 50        | 10    | 0     | 12    | 23    | 22    | 65            | 0.19          | 0.36          | 0.34          | 935          |               | 345                   |
| 54        | 11    | 0     | 12    | 22    | 22    | 67            | 0.18          | 0.34          | 0.33          | 938          | 430           | 346                   |
| 58        | 10    | 0     | 12    | 23    | 22    | 64            | 0.19          | 0.35          | 0.34          | 935          | 540           | 345                   |
| 61        | 11    | 0     | 12    | 22    | 22    | 71            | 0.17          | 0.31          | 0.31          | 951          | 490           | 351                   |
| 65        | 10    | 0     | 13    | 22    | 22    | 62            | 0.21          | 0.36          | 0.35          | 931          | 480           | 343                   |
| 68        | 11    | 0     | 13    | 22    | 22    | 65            | 0.20          | 0.34          | 0.34          | 938          | 480           | 346                   |
| 72        | 10    | 0     | 12    | 20    | 22    | 67            | 0.18          | 0.30          | 0.32          | 920          | 480           | 339                   |
| 76        | 11    | 0     | 13    | 21    | 21    | 62            | 0.20          | 0.33          | 0.34          | 913          | 480           | 337                   |
| 79        | 10    | 0     | 12    | 21    | 21    | 64            | 0.19          | 0.33          | 0.33          | 911          | 480           | 336                   |
| 83        | 11    | 0     | 13    | 21    | 22    | 64            | 0.20          | 0.33          | 0.34          | 918          | 480           | 338                   |
| 86        | 10    | 0     | 13    | 21    | 21    | 67            | 0.19          | 0.31          | 0.32          | 921          | 480           | 340                   |
| 90        | 11    | 0     | 12    | 21    | 22    | 64            | 0.19          | 0.33          | 0.34          | 922          | 480           | 340                   |
| 94        | 10    | 0     | 13    | 21    | 22    | 70            | 0.18          | 0.30          | 0.31          | 936          | 480           | 345                   |
| 97        | 11    | 0     | 12    | 21    | 21    | 68            | 0.18          | 0.31          | 0.31          | 920          | 500           | 339                   |
| 101       | 10    | 0     | 13    | 21    | 21    | 65            | 0.20          | 0.32          | 0.33          | 917          | 470           | 338                   |
| 104       | 11    | 0     | 13    | 21    | 22    | 68            | 0.19          | 0.31          | 0.32          | 929          | 510           | 343                   |
| 108       | 10    | 0     | 13    | 21    | 22    | 64            | 0.20          | 0.33          | 0.34          | 926          | 560           | 341                   |
| E614161 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 180       | 19    | 0     | 12    | 22    | 21    | 65            | 0.19          | 0.34          | 0.33          | 920          | 790           | 339                   |
| 184       | 33    | 0     | 12    | 22    | 22    | 64            | 0.19          | 0.35          | 0.34          | 928          | 410           | 342                   |
| 187       | 11    | 0     | 10    | 22    | 22    | 68            | 0.15          | 0.32          | 0.33          | 938          | 420           | 346                   |
| 191       | 11    | 0     | 10    | 22    | 22    | 72            | 0.14          | 0.30          | 0.31          | 949          | 420           | 350                   |
| 194       | 11    | 0     | 10    | 22    | 22    | 66            | 0.16          | 0.33          | 0.33          | 933          | 420           | 344                   |
| 198       | 11    | 0     | 10    | 22    | 22    | 70            | 0.15          | 0.31          | 0.32          | 946          | 430           | 349                   |
| 202       | 11    | 0     | 10    | 22    | 22    | 67            | 0.15          | 0.33          | 0.33          | 940          | 470           | 347                   |
| 205       | 11    | 0     | 10    | 22    | 22    | 68            | 0.15          | 0.32          | 0.32          | 937          | 440           | 345                   |
| 209       | 11    | 0     | 11    | 22    | 22    | 65            | 0.16          | 0.33          | 0.34          | 933          | 440           | 344                   |
| 212       | 11    | 0     | 11    | 22    | 22    | 64            | 0.17          | 0.34          | 0.34          | 927          | 440           | 342                   |
| 216       | 11    | 0     | 11    | 22    | 22    | 64            | 0.17          | 0.34          | 0.34          | 925          | 460           | 341                   |
| 220       | 11    | 0     | 11    | 22    | 21    | 64            | 0.18          | 0.34          | 0.34          | 921          | 480           | 340                   |
| 223       | 11    | 0     | 11    | 22    | 22    | 64            | 0.18          | 0.34          | 0.34          | 923          | 490           | 340                   |
| 227       | 11    | 0     | 11    | 21    | 22    | 65            | 0.17          | 0.32          | 0.34          | 927          | 530           | 342                   |
| 230       | 10    | 0     | 11    | 21    | 21    | 65            | 0.17          | 0.32          | 0.33          | 920          | 540           | 339                   |
| 234       | 11    | 0     | 11    | 21    | 22    | 66            | 0.16          | 0.32          | 0.33          | 929          | 540           | 343                   |
| 238       | 11    | 0     | 11    | 21    | 22    | 69            | 0.15          | 0.31          | 0.32          | 938          | 560           | 346                   |
| 241       | 11    | 0     | 11    | 21    | 21    | 63            | 0.17          | 0.34          | 0.34          | 917          | 590           | 338                   |
| 245       | 11    | 0     | 11    | 21    | 22    | 63            | 0.17          | 0.34          | 0.34          | 921          | 620           | 340                   |
| 248       | 11    | 0     | 11    | 22    | 22    | 62            | 0.17          | 0.35          | 0.35          | 919          | 470           | 339                   |
| 252       | 11    | 0     | 11    | 21    | 21    | 62            | 0.17          | 0.35          | 0.34          | 914          | 480           | 337                   |
| 256       | 11    | 0     | 10    | 22    | 21    | 64            | 0.16          | 0.33          | 0.33          | 918          | 490           | 338                   |
| 259       | 11    | 0     | 10    | 22    | 22    | 63            | 0.17          | 0.35          | 0.35          | 927          | 490           | 342                   |
| 263       | 11    | 0     | 10    | 22    | 22    | 63            | 0.17          | 0.35          | 0.35          | 928          | 500           | 342                   |
| 266       | 11    | 0     | 11    | 22    | 22    | 64            | 0.17          | 0.35          | 0.34          | 927          | 520           | 342                   |

|           |       |       |       |       |       | BROAD 270/ 370/ 500/ |       |       |       | EST. | MEAS. | NORM.     |
|-----------|-------|-------|-------|-------|-------|----------------------|-------|-------|-------|------|-------|-----------|
| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BAND                 | BBAND | BBAND | BBAND | PEEL | PEEL  | EST. PEEL |
| 270       | 11    | 0     | 11    | 23    | 22    | 68                   | 0.16  | 0.33  | 0.32  | 943  | 550   | 348       |
| E614174 : |       |       |       |       |       |                      |       |       |       |      |       |           |
| 148       | 11    | 0     | 10    | 19    | 22    | 78                   | 0.13  | 0.24  | 0.29  | 938  | 450   | 346       |
| 151       | 10    | 0     | 10    | 19    | 22    | 79                   | 0.13  | 0.24  | 0.28  | 942  | 460   | 347       |
| 155       | 11    | 0     | 10    | 19    | 22    | 80                   | 0.13  | 0.24  | 0.28  | 949  | 460   | 350       |
| 158       | 10    | 0     | 10    | 18    | 22    | 81                   | 0.12  | 0.23  | 0.28  | 947  | 460   | 349       |
| 162       | 11    | 0     | 10    | 19    | 22    | 85                   | 0.12  | 0.22  | 0.27  | 961  | 460   | 354       |
| 166       | 10    | 0     | 11    | 20    | 22    | 65                   | 0.16  | 0.31  | 0.34  | 919  | 460   | 339       |
| 169       | 11    | 0     | 10    | 19    | 22    | 84                   | 0.12  | 0.23  | 0.27  | 966  | 460   | 356       |
| 173       | 10    | 0     | 10    | 19    | 22    | 81                   | 0.13  | 0.24  | 0.28  | 954  | 480   | 352       |
| 176       | 11    | 0     | 11    | 20    | 22    | 81                   | 0.13  | 0.25  | 0.27  | 963  | 460   | 355       |
| 180       | 10    | 0     | 11    | 21    | 23    | 76                   | 0.14  | 0.27  | 0.30  | 959  | 460   | 354       |
| 184       | 11    | 0     | 11    | 22    | 21    | 62                   | 0.19  | 0.35  | 0.35  | 917  | 460   | 338       |
| 187       | 18    | 0     | 12    | 20    | 21    | 62                   | 0.19  | 0.33  | 0.34  | 905  | 460   | 334       |
| 191       | 0     | 0     | 12    | 19    | 19    | 60                   | 0.20  | 0.32  | 0.32  | 868  | 460   | 320       |
| 194       | 3     | 0     | 12    | 20    | 19    | 59                   | 0.20  | 0.34  | 0.33  | 870  | 460   | 321       |
| 198       | 11    | 0     | 12    | 21    | 21    | 64                   | 0.19  | 0.33  | 0.33  | 913  | 460   | 337       |
| 202       | 10    | 0     | 10    | 20    | 23    | 83                   | 0.13  | 0.24  | 0.27  | 974  | 460   | 359       |
| 205       | 11    | 0     | 10    | 19    | 22    | 74                   | 0.14  | 0.26  | 0.30  | 931  | 460   | 343       |
| 209       | 10    | 0     | 12    | 21    | 21    | 63                   | 0.19  | 0.34  | 0.34  | 912  | 450   | 336       |
| 212       | 4     | 0     | 12    | 20    | 19    | 58                   | 0.20  | 0.35  | 0.34  | 871  | 450   | 321       |
| 216       | 0     | 0     | 12    | 21    | 20    | 56                   | 0.20  | 0.37  | 0.35  | 877  | 450   | 323       |
| 220       | 5     | 0     | 11    | 20    | 22    | 67                   | 0.17  | 0.30  | 0.32  | 922  | 440   | 340       |
| 223       | 10    | 0     | 11    | 19    | 22    | 80                   | 0.13  | 0.24  | 0.28  | 947  | 440   | 349       |
| E614234 : |       |       |       |       |       |                      |       |       |       |      |       |           |
| 47        | 10    | 0     | 11    | 21    | 22    | 68                   | 0.16  | 0.31  | 0.32  | 928  |       | 342       |
| 50        | 10    | 0     | 11    | 21    | 22    | 67                   | 0.16  | 0.31  | 0.33  | 929  |       | 343       |
| 54        | 11    | 0     | 11    | 21    | 22    | 77                   | 0.14  | 0.27  | 0.29  | 961  | 600   | 354       |
| 58        | 10    | 0     | 11    | 21    | 22    | 70                   | 0.16  | 0.30  | 0.32  | 939  | 700   | 346       |
| 61        | 11    | 0     | 11    | 21    | 22    | 70                   | 0.16  | 0.30  | 0.32  | 939  | 720   | 346       |
| 65        | 10    | 0     | 12    | 22    | 22    | 69                   | 0.17  | 0.31  | 0.32  | 939  | 770   | 346       |
| 68        | 11    | 0     | 12    | 22    | 22    | 71                   | 0.17  | 0.31  | 0.31  | 942  | 450   | 347       |
| 72        | 10    | 0     | 12    | 21    | 22    | 70                   | 0.17  | 0.30  | 0.32  | 941  | 470   | 347       |
| 76        | 11    | 0     | 12    | 21    | 22    | 70                   | 0.17  | 0.31  | 0.32  | 943  | 480   | 348       |
| 79        | 10    | 0     | 12    | 21    | 22    | 73                   | 0.16  | 0.29  | 0.30  | 945  | 490   | 348       |
| 83        | 11    | 0     | 12    | 21    | 23    | 67                   | 0.17  | 0.31  | 0.34  | 935  | 500   | 345       |
| 86        | 10    | 0     | 12    | 21    | 23    | 81                   | 0.14  | 0.26  | 0.28  | 974  | 520   | 359       |
| 90        | 11    | 0     | 11    | 21    | 23    | 74                   | 0.15  | 0.28  | 0.31  | 950  | 520   | 350       |
| 94        | 10    | 0     | 11    | 21    | 23    | 71                   | 0.16  | 0.29  | 0.32  | 941  | 520   | 347       |
| 97        | 11    | 0     | 11    | 21    | 22    | 74                   | 0.15  | 0.28  | 0.30  | 949  | 520   | 350       |
| 101       | 10    | 0     | 12    | 20    | 23    | 73                   | 0.16  | 0.28  | 0.31  | 950  | 520   | 350       |
| 104       | 11    | 0     | 11    | 21    | 22    | 72                   | 0.16  | 0.29  | 0.31  | 947  | 520   | 349       |
| 108       | 10    | 0     | 11    | 21    | 22    | 72                   | 0.16  | 0.29  | 0.31  | 943  | 520   | 348       |
| 112       | 11    | 0     | 11    | 20    | 23    | 76                   | 0.14  | 0.27  | 0.30  | 957  | 520   | 353       |
| 115       | 10    | 0     | 11    | 20    | 22    | 70                   | 0.16  | 0.29  | 0.31  | 931  | 500   | 343       |
| 119       | 11    | 0     | 11    | 21    | 23    | 83                   | 0.14  | 0.25  | 0.27  | 981  | 500   | 362       |
| 122       | 10    | 0     | 11    | 21    | 22    | 74                   | 0.15  | 0.28  | 0.30  | 949  | 510   | 350       |
| 126       | 11    | 0     | 11    | 21    | 22    | 75                   | 0.15  | 0.28  | 0.30  | 947  | 500   | 349       |
| 130       | 10    | 0     | 12    | 21    | 22    | 75                   | 0.16  | 0.27  | 0.30  | 954  | 480   | 352       |
| 133       | 11    | 0     | 12    | 22    | 23    | 73                   | 0.16  | 0.29  | 0.31  | 956  | 480   | 352       |
| 137       | 10    | 0     | 11    | 21    | 22    | 73                   | 0.16  | 0.28  | 0.31  | 945  | 480   | 348       |
| 140       | 11    | 0     | 11    | 20    | 22    | 70                   | 0.16  | 0.29  | 0.31  | 933  | 480   | 344       |
| 144       | 10    | 0     | 11    | 21    | 22    | 76                   | 0.15  | 0.27  | 0.30  | 955  | 480   | 352       |
| 148       | 11    | 0     | 11    | 20    | 22    | 71                   | 0.15  | 0.28  | 0.32  | 935  | 470   | 345       |

|           |       |       |       |       |       |       |       |       |       |      | NORM. |      |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|
|           |       |       |       |       |       | BROAD | 270/  | 370/  | 500/  | EST. | MEAS. | EST. |
| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BAND  | BBAND | BBAND | BBAND | PEEL | PEEL  | PEEL |
| 151       | 10    | 0     | 10    | 19    | 23    | 86    | 0.12  | 0.22  | 0.27  | 977  | 490   | 360  |
| 155       | 11    | 0     | 11    | 20    | 22    | 76    | 0.14  | 0.26  | 0.29  | 945  | 520   | 348  |
| 158       | 10    | 0     | 10    | 20    | 23    | 75    | 0.14  | 0.26  | 0.30  | 943  | 550   | 348  |
| 252       | 10    | 0     | 12    | 22    | 23    | 65    | 0.18  | 0.34  | 0.35  | 942  | 500   | 347  |
| 256       | 11    | 0     | 12    | 23    | 23    | 64    | 0.19  | 0.35  | 0.35  | 942  | 500   | 347  |
| 259       | 10    | 0     | 12    | 23    | 22    | 65    | 0.18  | 0.35  | 0.34  | 940  | 500   | 347  |
| 263       | 11    | 0     | 12    | 23    | 22    | 64    | 0.19  | 0.36  | 0.34  | 934  | 510   | 344  |
| 266       | 10    | 0     | 12    | 23    | 22    | 66    | 0.18  | 0.35  | 0.34  | 943  | 510   | 348  |
| 270       | 11    | 0     | 12    | 23    | 23    | 64    | 0.19  | 0.36  | 0.35  | 942  | 510   | 347  |
| 274       | 10    | 0     | 12    | 23    | 22    | 64    | 0.19  | 0.36  | 0.35  | 935  | 510   | 345  |
| 277       | 11    | 0     | 12    | 23    | 22    | 65    | 0.19  | 0.36  | 0.34  | 935  | 510   | 345  |
| 281       | 10    | 0     | 12    | 23    | 22    | 65    | 0.19  | 0.35  | 0.34  | 935  | 500   | 345  |
| 284       | 11    | 0     | 12    | 23    | 23    | 65    | 0.19  | 0.35  | 0.35  | 942  | 500   | 347  |
| 288       | 10    | 0     | 12    | 22    | 23    | 65    | 0.19  | 0.34  | 0.35  | 940  | 500   | 347  |
| 292       | 11    | 0     | 12    | 22    | 23    | 65    | 0.19  | 0.35  | 0.35  | 941  | 500   | 347  |
| 295       | 10    | 0     | 12    | 23    | 22    | 64    | 0.19  | 0.36  | 0.35  | 933  | 500   | 344  |
| 299       | 11    | 0     | 12    | 22    | 22    | 65    | 0.19  | 0.34  | 0.34  | 938  | 500   | 346  |
| 302       | 10    | 0     | 12    | 22    | 22    | 66    | 0.19  | 0.33  | 0.34  | 936  | 480   | 345  |
| 306       | 11    | 0     | 12    | 22    | 22    | 66    | 0.18  | 0.32  | 0.34  | 938  | 440   | 346  |
| 310       | 10    | 0     | 12    | 22    | 22    | 64    | 0.20  | 0.34  | 0.35  | 932  | 410   | 344  |
| 313       | 11    | 0     | 12    | 22    | 22    | 73    | 0.17  | 0.30  | 0.31  | 955  | 400   | 352  |
| 317       | 10    | 0     | 12    | 22    | 22    | 69    | 0.18  | 0.31  | 0.32  | 942  | 400   | 347  |
| 320       | 11    | 0     | 13    | 23    | 23    | 66    | 0.20  | 0.34  | 0.34  | 948  | 380   | 350  |
| 324       | 10    | 0     | 13    | 23    | 22    | 64    | 0.20  | 0.35  | 0.35  | 935  | 380   | 345  |
| 328       | 11    | 0     | 12    | 22    | 23    | 65    | 0.19  | 0.33  | 0.35  | 938  | 390   | 346  |
| 331       | 10    | 0     | 12    | 22    | 22    | 65    | 0.19  | 0.34  | 0.34  | 935  | 390   | 345  |
| 335       | 11    | 0     | 13    | 22    | 22    | 64    | 0.20  | 0.34  | 0.34  | 925  | 400   | 341  |
| 338       | 10    | 0     | 13    | 22    | 22    | 65    | 0.19  | 0.33  | 0.34  | 935  | 400   | 345  |
| 342       | 11    | 0     | 12    | 22    | 22    | 64    | 0.19  | 0.34  | 0.35  | 933  | 410   | 344  |
| 346       | 10    | 0     | 12    | 22    | 22    | 69    | 0.18  | 0.31  | 0.32  | 944  | 420   | 348  |
| 349       | 11    | 0     | 12    | 22    | 23    | 66    | 0.19  | 0.33  | 0.34  | 938  | 420   | 346  |
| 353       | 10    | 0     | 12    | 21    | 22    | 65    | 0.18  | 0.33  | 0.35  | 932  | 420   | 344  |
| 356       | 11    | 0     | 12    | 21    | 22    | 68    | 0.18  | 0.32  | 0.33  | 936  | 410   | 345  |
| 360       | 10    | 0     | 12    | 22    | 22    | 65    | 0.18  | 0.33  | 0.34  | 933  | 400   | 344  |
| E615312 : |       |       |       |       |       |       |       |       |       |      |       |      |
| 47        | 11    | 0     | 12    | 22    | 23    | 65    | 0.19  | 0.34  | 0.35  | 942  | 560   | 347  |
| 50        | 10    | 0     | 12    | 22    | 23    | 68    | 0.18  | 0.33  | 0.33  | 946  | 540   | 349  |
| 54        | 11    | 0     | 12    | 22    | 23    | 67    | 0.18  | 0.33  | 0.34  | 948  | 560   | 350  |
| 58        | 10    | 0     | 12    | 22    | 23    | 67    | 0.18  | 0.33  | 0.34  | 945  | 540   | 348  |
| 61        | 11    | 0     | 12    | 22    | 22    | 70    | 0.17  | 0.32  | 0.32  | 948  | 580   | 350  |
| 65        | 10    | 0     | 12    | 22    | 22    | 68    | 0.18  | 0.33  | 0.33  | 944  | 560   | 348  |
| 68        | 11    | 0     | 12    | 22    | 22    | 67    | 0.18  | 0.33  | 0.34  | 940  | 580   | 347  |
| 72        | 10    | 0     | 12    | 22    | 22    | 66    | 0.19  | 0.34  | 0.34  | 939  | 600   | 346  |
| 76        | 11    | 0     | 12    | 22    | 23    | 70    | 0.17  | 0.31  | 0.32  | 949  | 530   | 350  |
| 79        | 10    | 0     | 12    | 22    | 22    | 66    | 0.18  | 0.33  | 0.34  | 939  | 560   | 346  |
| 83        | 11    | 0     | 12    | 22    | 22    | 66    | 0.18  | 0.33  | 0.34  | 939  | 580   | 346  |
| 86        | 10    | 0     | 12    | 22    | 22    | 65    | 0.19  | 0.33  | 0.34  | 934  | 540   | 344  |
| 90        | 11    | 0     | 12    | 22    | 23    | 67    | 0.18  | 0.33  | 0.34  | 942  | 600   | 347  |
| 94        | 10    | 0     | 12    | 22    | 22    | 70    | 0.17  | 0.31  | 0.32  | 944  | 600   | 348  |
| 97        | 11    | 0     | 12    | 21    | 23    | 67    | 0.18  | 0.32  | 0.34  | 941  | 560   | 347  |
| 148       | 24    | 0     | 12    | 21    | 21    | 65    | 0.19  | 0.32  | 0.33  | 913  | 440   | 337  |
| 151       | 0     | 0     | 12    | 19    | 18    | 63    | 0.20  | 0.30  | 0.29  | 853  | 490   | 314  |
| 155       | 0     | 0     | 12    | 19    | 18    | 62    | 0.20  | 0.31  | 0.29  | 844  | 520   | 311  |
| 158       | 1     | 0     | 12    | 21    | 20    | 63    | 0.19  | 0.33  | 0.32  | 894  | 560   | 330  |

|           |       |       |       |       |       | BROAD | 270/  | 370/  | 500/  | EST. | MEAS. | NORM.     |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----------|
| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BAND  | BBAND | BBAND | BBAND | PEEL | PEEL  | EST. PEEL |
| 162       | 11    | 0     | 12    | 22    | 22    | 68    | 0.18  | 0.32  | 0.33  | 939  | 630   | 346       |
| 166       | 10    | 0     | 12    | 22    | 22    | 68    | 0.17  | 0.32  | 0.33  | 941  | 660   | 347       |
| 169       | 11    | 0     | 11    | 22    | 22    | 65    | 0.17  | 0.34  | 0.34  | 932  | 720   | 344       |
| 173       | 10    | 0     | 12    | 22    | 23    | 69    | 0.17  | 0.31  | 0.32  | 947  | 730   | 349       |
| 176       | 11    | 0     | 12    | 22    | 22    | 65    | 0.18  | 0.34  | 0.34  | 930  | 750   | 343       |
| 180       | 10    | 0     | 12    | 22    | 22    | 64    | 0.18  | 0.34  | 0.35  | 934  | 790   | 344       |
| 227       | 11    | 0     | 11    | 21    | 22    | 63    | 0.18  | 0.34  | 0.35  | 922  | 700   | 340       |
| 230       | 10    | 0     | 11    | 21    | 22    | 63    | 0.17  | 0.33  | 0.35  | 925  | 490   | 341       |
| 234       | 11    | 0     | 11    | 21    | 22    | 64    | 0.17  | 0.33  | 0.34  | 928  | 540   | 342       |
| 238       | 10    | 0     | 11    | 21    | 21    | 62    | 0.18  | 0.34  | 0.34  | 915  | 540   | 337       |
| 241       | 11    | 0     | 11    | 21    | 22    | 62    | 0.17  | 0.34  | 0.35  | 921  | 550   | 340       |
| 245       | 10    | 0     | 11    | 21    | 22    | 64    | 0.17  | 0.32  | 0.34  | 920  | 560   | 339       |
| 248       | 11    | 0     | 11    | 21    | 22    | 63    | 0.17  | 0.33  | 0.34  | 918  | 570   | 338       |
| 252       | 10    | 0     | 11    | 20    | 22    | 64    | 0.17  | 0.32  | 0.35  | 919  | 590   | 339       |
| 256       | 11    | 0     | 11    | 21    | 22    | 64    | 0.17  | 0.32  | 0.34  | 920  | 650   | 339       |
| 259       | 10    | 0     | 10    | 20    | 22    | 64    | 0.16  | 0.32  | 0.35  | 919  | 690   | 339       |
| 263       | 11    | 0     | 11    | 21    | 22    | 66    | 0.16  | 0.32  | 0.33  | 924  | 680   | 341       |
| 266       | 10    | 0     | 11    | 21    | 22    | 64    | 0.16  | 0.32  | 0.34  | 921  | 730   | 340       |
| 270       | 11    | 0     | 11    | 21    | 22    | 69    | 0.16  | 0.30  | 0.32  | 931  | 720   | 343       |
| E615492 : |       |       |       |       |       |       |       |       |       |      |       |           |
| 101       | 10    | 0     | 11    | 21    | 22    | 65    | 0.16  | 0.32  | 0.34  | 923  | 500   | 340       |
| 104       | 11    | 0     | 11    | 21    | 23    | 75    | 0.14  | 0.28  | 0.30  | 955  | 480   | 352       |
| 108       | 10    | 0     | 11    | 21    | 22    | 66    | 0.16  | 0.32  | 0.33  | 925  | 500   | 341       |
| 112       | 11    | 0     | 11    | 21    | 22    | 63    | 0.17  | 0.33  | 0.35  | 918  | 430   | 338       |
| 115       | 10    | 0     | 11    | 21    | 22    | 66    | 0.17  | 0.32  | 0.33  | 924  | 480   | 341       |
| 119       | 11    | 0     | 11    | 21    | 22    | 64    | 0.18  | 0.33  | 0.35  | 928  | 520   | 342       |
| 180       | 10    | 0     | 12    | 22    | 23    | 65    | 0.18  | 0.34  | 0.35  | 939  | 650   | 346       |
| 184       | 11    | 0     | 13    | 23    | 23    | 63    | 0.20  | 0.36  | 0.36  | 934  | 370   | 344       |
| 187       | 10    | 0     | 12    | 22    | 23    | 64    | 0.18  | 0.34  | 0.36  | 937  | 400   | 345       |
| 191       | 11    | 0     | 12    | 22    | 23    | 65    | 0.18  | 0.34  | 0.35  | 937  | 410   | 345       |
| 194       | 10    | 0     | 12    | 22    | 22    | 66    | 0.18  | 0.33  | 0.34  | 934  | 430   | 344       |
| 198       | 11    | 0     | 12    | 22    | 23    | 63    | 0.18  | 0.35  | 0.36  | 935  | 460   | 345       |
| 270       | 11    | 0     | 13    | 23    | 23    | 64    | 0.20  | 0.35  | 0.35  | 935  | 580   | 345       |
| 274       | 41    | 0     | 12    | 22    | 22    | 63    | 0.19  | 0.35  | 0.36  | 929  | 360   | 343       |
| 277       | 11    | 0     | 12    | 23    | 23    | 63    | 0.19  | 0.36  | 0.36  | 935  | 390   | 345       |
| 281       | 10    | 0     | 12    | 22    | 23    | 62    | 0.20  | 0.36  | 0.36  | 933  | 360   | 344       |
| 284       | 11    | 0     | 12    | 23    | 23    | 63    | 0.19  | 0.36  | 0.36  | 938  | 360   | 346       |
| 288       | 10    | 0     | 12    | 23    | 22    | 64    | 0.19  | 0.35  | 0.35  | 931  | 370   | 343       |
| E615625 : |       |       |       |       |       |       |       |       |       |      |       |           |
| 47        | 11    | 0     | 11    | 21    | 21    | 60    | 0.18  | 0.35  | 0.36  | 910  | 420   | 336       |
| 50        | 10    | 0     | 11    | 20    | 21    | 67    | 0.16  | 0.30  | 0.32  | 917  | 410   | 338       |
| 54        | 4     | 0     | 10    | 21    | 21    | 61    | 0.17  | 0.34  | 0.34  | 904  | 400   | 333       |
| 58        | 42    | 0     | 11    | 21    | 20    | 60    | 0.19  | 0.34  | 0.33  | 885  | 400   | 326       |
| 61        | 11    | 0     | 11    | 21    | 21    | 62    | 0.18  | 0.34  | 0.34  | 911  | 410   | 336       |
| 65        | 6     | 0     | 11    | 21    | 21    | 61    | 0.19  | 0.34  | 0.34  | 904  | 410   | 333       |
| 68        | 1     | 0     | 12    | 20    | 20    | 60    | 0.20  | 0.33  | 0.33  | 881  | 420   | 325       |
| 72        | 0     | 0     | 12    | 19    | 19    | 60    | 0.19  | 0.31  | 0.32  | 858  | 440   | 316       |
| 76        | 5     | 0     | 12    | 20    | 21    | 61    | 0.19  | 0.33  | 0.34  | 899  | 470   | 331       |
| 79        | 26    | 0     | 11    | 20    | 20    | 61    | 0.19  | 0.33  | 0.33  | 892  | 520   | 329       |
| E615861 : |       |       |       |       |       |       |       |       |       |      |       |           |
| 47        | 11    | 0     | 11    | 20    | 23    | 79    | 0.14  | 0.26  | 0.29  | 960  | 390   | 354       |
| 50        | 10    | 0     | 11    | 20    | 23    | 75    | 0.15  | 0.26  | 0.30  | 944  | 400   | 348       |
| 54        | 11    | 0     | 11    | 21    | 23    | 72    | 0.16  | 0.29  | 0.32  | 947  | 400   | 349       |
| E615866 : |       |       |       |       |       |       |       |       |       |      |       |           |

| ANGLE | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD BAND | 270/ BBAND | 370/ BBAND | 500/ BBAND | EST. PEEL | MEAS. PEEL | NORM. EST. PEEL |
|-------|-------|-------|-------|-------|-------|------------|------------|------------|------------|-----------|------------|-----------------|
| 83    | 11    | 0     | 11    | 24    | 24    | 71         | 0.16       | 0.34       | 0.34       | 1718      | 880        | 633             |
| 86    | 10    | 0     | 12    | 24    | 23    | 70         | 0.17       | 0.35       | 0.34       | 1689      | 700        | 623             |
| 90    | 11    | 0     | 12    | 24    | 24    | 72         | 0.17       | 0.34       | 0.33       | 1718      | 820        | 633             |
| 94    | 10    | 0     | 13    | 25    | 23    | 69         | 0.19       | 0.36       | 0.34       | 1685      | 740        | 621             |
| 97    | 11    | 0     | 13    | 25    | 24    | 68         | 0.19       | 0.36       | 0.34       | 1707      | 670        | 629             |
| 101   | 10    | 0     | 13    | 24    | 23    | 68         | 0.20       | 0.36       | 0.34       | 1682      | 770        | 620             |
| 104   | 11    | 0     | 14    | 24    | 22    | 67         | 0.21       | 0.35       | 0.33       | 1622      | 720        | 598             |
| 108   | 10    | 0     | 14    | 24    | 22    | 67         | 0.21       | 0.36       | 0.33       | 1628      | 810        | 600             |
| 112   | 11    | 0     | 14    | 24    | 22    | 67         | 0.21       | 0.35       | 0.34       | 1640      | 740        | 605             |
| 115   | 10    | 0     | 14    | 24    | 22    | 67         | 0.20       | 0.35       | 0.33       | 1609      | 670        | 593             |
| 119   | 11    | 0     | 14    | 24    | 23    | 67         | 0.21       | 0.36       | 0.34       | 1651      | 630        | 609             |
| 122   | 10    | 0     | 14    | 24    | 23    | 66         | 0.21       | 0.36       | 0.35       | 1701      | 700        | 627             |
| 126   | 11    | 0     | 14    | 24    | 23    | 67         | 0.21       | 0.36       | 0.34       | 1653      | 760        | 609             |
| 130   | 10    | 0     | 14    | 25    | 23    | 68         | 0.20       | 0.37       | 0.34       | 1682      | 710        | 620             |
| 133   | 11    | 0     | 13    | 25    | 23    | 67         | 0.20       | 0.38       | 0.35       | 1705      | 630        | 629             |
| 137   | 10    | 0     | 13    | 25    | 23    | 71         | 0.19       | 0.35       | 0.33       | 1671      | 420        | 616             |
| 140   | 11    | 0     | 13    | 25    | 23    | 67         | 0.20       | 0.37       | 0.34       | 1666      | 430        | 614             |
| 144   | 10    | 0     | 13    | 25    | 23    | 68         | 0.19       | 0.36       | 0.33       | 1654      | 440        | 610             |
| 148   | 10    | 0     | 13    | 25    | 23    | 67         | 0.20       | 0.37       | 0.35       | 1704      | 450        | 628             |
| 151   | 10    | 0     | 13    | 25    | 23    | 67         | 0.19       | 0.37       | 0.35       | 1698      | 440        | 626             |
| 155   | 11    | 0     | 13    | 25    | 23    | 70         | 0.19       | 0.36       | 0.34       | 1689      | 440        | 623             |
| 158   | 10    | 0     | 13    | 25    | 24    | 72         | 0.18       | 0.35       | 0.33       | 1680      | 440        | 619             |
| 162   | 11    | 0     | 13    | 25    | 24    | 70         | 0.18       | 0.35       | 0.34       | 1703      | 440        | 628             |
| 166   | 10    | 0     | 12    | 25    | 23    | 69         | 0.18       | 0.35       | 0.34       | 1679      | 440        | 619             |
| 169   | 11    | 0     | 12    | 24    | 24    | 88         | 0.13       | 0.27       | 0.27       | 1622      | 440        | 598             |
| 173   | 10    | 0     | 11    | 22    | 24    | 77         | 0.15       | 0.29       | 0.31       | 1681      | 430        | 620             |
| 176   | 11    | 0     | 13    | 24    | 23    | 67         | 0.19       | 0.35       | 0.34       | 1661      | 430        | 612             |
| 180   | 10    | 0     | 14    | 24    | 22    | 66         | 0.20       | 0.36       | 0.33       | 1586      | 440        | 585             |
| 184   | 11    | 0     | 12    | 22    | 24    | 75         | 0.16       | 0.30       | 0.32       | 1672      | 440        | 616             |
| 187   | 10    | 0     | 11    | 22    | 25    | 83         | 0.14       | 0.27       | 0.30       | 1676      | 450        | 618             |
| 191   | 11    | 0     | 11    | 22    | 24    | 83         | 0.13       | 0.27       | 0.28       | 1622      | 450        | 598             |
| 194   | 10    | 0     | 11    | 22    | 24    | 80         | 0.14       | 0.28       | 0.30       | 1637      | 440        | 604             |
| 198   | 11    | 0     | 11    | 21    | 24    | 73         | 0.15       | 0.29       | 0.32       | 1659      | 450        | 612             |
| 202   | 10    | 0     | 11    | 21    | 24    | 90         | 0.12       | 0.23       | 0.26       | 1594      | 460        | 588             |
| 205   | 11    | 0     | 11    | 21    | 23    | 81         | 0.13       | 0.26       | 0.29       | 1591      | 440        | 587             |
| 209   | 10    | 0     | 11    | 22    | 24    | 75         | 0.14       | 0.29       | 0.32       | 1663      | 430        | 613             |
| 212   | 11    | 0     | 11    | 21    | 23    | 77         | 0.14       | 0.27       | 0.30       | 1608      | 430        | 593             |
| 216   | 10    | 0     | 10    | 21    | 24    | 84         | 0.12       | 0.25       | 0.28       | 1599      | 420        | 590             |
| 220   | 11    | 0     | 10    | 21    | 24    | 90         | 0.11       | 0.23       | 0.26       | 1583      | 420        | 584             |
| 223   | 10    | 0     | 10    | 21    | 24    | 84         | 0.12       | 0.25       | 0.28       | 1609      | 420        | 593             |
| 227   | 11    | 0     | 10    | 22    | 24    | 86         | 0.12       | 0.25       | 0.27       | 1599      | 420        | 590             |
| 230   | 10    | 0     | 12    | 23    | 22    | 68         | 0.17       | 0.33       | 0.33       | 1614      | 420        | 595             |
| 234   | 11    | 0     | 12    | 23    | 23    | 73         | 0.16       | 0.32       | 0.31       | 1613      | 420        | 595             |
| 238   | 10    | 0     | 12    | 23    | 22    | 67         | 0.18       | 0.35       | 0.33       | 1628      | 420        | 600             |
| 241   | 11    | 0     | 12    | 23    | 22    | 67         | 0.18       | 0.34       | 0.33       | 1617      | 420        | 596             |
| 245   | 10    | 0     | 10    | 22    | 23    | 79         | 0.13       | 0.28       | 0.30       | 1624      | 420        | 599             |
| 248   | 11    | 0     | 11    | 23    | 22    | 71         | 0.16       | 0.32       | 0.32       | 1606      | 420        | 592             |
| 252   | 10    | 0     | 13    | 22    | 21    | 65         | 0.20       | 0.34       | 0.33       | 1576      | 420        | 581             |
| 256   | 11    | 0     | 13    | 23    | 21    | 64         | 0.20       | 0.35       | 0.33       | 1567      | 420        | 578             |
| 259   | 10    | 0     | 13    | 23    | 22    | 66         | 0.20       | 0.35       | 0.33       | 1618      | 430        | 597             |
| 263   | 10    | 0     | 13    | 23    | 22    | 66         | 0.19       | 0.34       | 0.33       | 1610      | 420        | 594             |
| 266   | 10    | 0     | 12    | 23    | 21    | 65         | 0.19       | 0.35       | 0.33       | 1572      | 410        | 580             |
| 270   | 11    | 0     | 13    | 23    | 23    | 66         | 0.20       | 0.36       | 0.34       | 1651      | 410        | 609             |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 61        | 11    | 0     | 10    | 20    | 22    | 78            | 0.13          | 0.25          | 0.28          | 945          | 490           | 348                   |
| 65        | 10    | 0     | 11    | 21    | 22    | 67            | 0.16          | 0.31          | 0.32          | 922          | 510           | 340                   |
| 68        | 11    | 0     | 11    | 21    | 21    | 64            | 0.18          | 0.33          | 0.33          | 915          | 500           | 337                   |
| 72        | 10    | 0     | 11    | 21    | 22    | 68            | 0.16          | 0.30          | 0.32          | 925          | 500           | 341                   |
| 76        | 11    | 0     | 11    | 20    | 22    | 70            | 0.15          | 0.29          | 0.31          | 925          | 500           | 341                   |
| 79        | 10    | 0     | 10    | 20    | 22    | 84            | 0.12          | 0.24          | 0.26          | 966          | 500           | 356                   |
| 83        | 11    | 0     | 10    | 22    | 22    | 79            | 0.13          | 0.27          | 0.28          | 969          | 500           | 357                   |
| 86        | 10    | 0     | 10    | 21    | 21    | 73            | 0.14          | 0.29          | 0.29          | 933          | 510           | 344                   |
| 90        | 11    | 0     | 11    | 21    | 22    | 85            | 0.12          | 0.25          | 0.26          | 979          | 530           | 361                   |
| 270       | 11    | 0     | 12    | 23    | 21    | 62            | 0.20          | 0.37          | 0.35          | 918          | 530           | 338                   |
| 274       | 10    | 0     | 13    | 23    | 22    | 63            | 0.21          | 0.37          | 0.35          | 928          | 530           | 342                   |
| 277       | 10    | 0     | 13    | 23    | 22    | 65            | 0.20          | 0.36          | 0.35          | 937          | 530           | 345                   |
| 281       | 10    | 0     | 13    | 22    | 22    | 62            | 0.20          | 0.36          | 0.35          | 919          | 540           | 339                   |
| 284       | 10    | 0     | 12    | 22    | 22    | 68            | 0.18          | 0.33          | 0.33          | 938          | 540           | 346                   |
| 288       | 10    | 0     | 13    | 23    | 22    | 63            | 0.20          | 0.36          | 0.35          | 929          | 540           | 343                   |
| E616453 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 36        | 7     | 0     | 11    | 22    | 21    | 64            | 0.17          | 0.34          | 0.34          | 919          | 480           | 339                   |
| 40        | 0     | 0     | 12    | 21    | 16    | 58            | 0.20          | 0.36          | 0.28          | 814          | 500           | 300                   |
| 43        | 0     | 0     | 13    | 20    | 16    | 55            | 0.23          | 0.36          | 0.28          | 785          | 500           | 289                   |
| 47        | 0     | 0     | 12    | 20    | 16    | 57            | 0.21          | 0.36          | 0.28          | 808          | 500           | 298                   |
| 50        | 0     | 0     | 12    | 21    | 18    | 60            | 0.20          | 0.35          | 0.31          | 860          | 470           | 317                   |
| 54        | 35    | 0     | 12    | 22    | 21    | 63            | 0.19          | 0.34          | 0.34          | 914          | 470           | 337                   |
| 58        | 7     | 0     | 11    | 22    | 21    | 62            | 0.18          | 0.35          | 0.34          | 912          | 470           | 336                   |
| 61        | 11    | 0     | 11    | 22    | 22    | 63            | 0.17          | 0.34          | 0.35          | 924          | 490           | 341                   |
| 65        | 10    | 0     | 11    | 22    | 22    | 65            | 0.17          | 0.34          | 0.34          | 929          | 480           | 343                   |
| 68        | 11    | 0     | 11    | 22    | 22    | 64            | 0.17          | 0.34          | 0.35          | 927          | 480           | 342                   |
| 72        | 10    | 0     | 11    | 22    | 22    | 67            | 0.17          | 0.33          | 0.33          | 936          | 490           | 345                   |
| 76        | 11    | 0     | 11    | 22    | 22    | 62            | 0.18          | 0.35          | 0.35          | 926          | 490           | 341                   |
| 79        | 10    | 0     | 11    | 22    | 22    | 64            | 0.17          | 0.34          | 0.35          | 927          | 490           | 342                   |
| 83        | 11    | 0     | 11    | 21    | 22    | 65            | 0.17          | 0.33          | 0.34          | 926          | 490           | 341                   |
| 86        | 10    | 0     | 11    | 21    | 22    | 64            | 0.17          | 0.33          | 0.34          | 922          | 490           | 340                   |
| 90        | 11    | 0     | 10    | 21    | 22    | 67            | 0.16          | 0.31          | 0.33          | 928          | 490           | 342                   |
| 94        | 10    | 0     | 11    | 21    | 22    | 65            | 0.16          | 0.32          | 0.34          | 923          | 490           | 340                   |
| 97        | 11    | 0     | 11    | 20    | 22    | 68            | 0.16          | 0.30          | 0.33          | 928          | 500           | 342                   |
| 101       | 10    | 0     | 11    | 20    | 22    | 65            | 0.16          | 0.31          | 0.34          | 921          | 500           | 340                   |
| 104       | 11    | 0     | 10    | 21    | 23    | 69            | 0.15          | 0.30          | 0.33          | 936          | 500           | 345                   |
| 108       | 10    | 0     | 11    | 21    | 23    | 65            | 0.16          | 0.32          | 0.35          | 926          | 500           | 341                   |
| 112       | 11    | 0     | 11    | 21    | 22    | 66            | 0.17          | 0.32          | 0.34          | 928          | 500           | 342                   |
| 115       | 10    | 0     | 12    | 21    | 22    | 68            | 0.17          | 0.30          | 0.33          | 930          | 500           | 343                   |
| 119       | 11    | 0     | 12    | 21    | 22    | 67            | 0.18          | 0.31          | 0.33          | 930          | 500           | 343                   |
| 122       | 10    | 0     | 12    | 21    | 23    | 69            | 0.17          | 0.30          | 0.33          | 935          | 500           | 345                   |
| 126       | 11    | 0     | 12    | 20    | 22    | 69            | 0.17          | 0.29          | 0.32          | 932          | 490           | 344                   |
| 130       | 10    | 0     | 11    | 21    | 22    | 71            | 0.16          | 0.29          | 0.32          | 938          | 530           | 346                   |
| 313       | 11    | 0     | 12    | 22    | 22    | 63            | 0.20          | 0.35          | 0.36          | 932          | 540           | 344                   |
| 317       | 10    | 0     | 12    | 23    | 23    | 65            | 0.19          | 0.35          | 0.35          | 938          | 540           | 346                   |
| 320       | 11    | 0     | 12    | 23    | 23    | 65            | 0.19          | 0.35          | 0.35          | 940          | 540           | 347                   |
| 324       | 10    | 0     | 11    | 22    | 23    | 64            | 0.17          | 0.34          | 0.35          | 934          | 550           | 344                   |
| 328       | 11    | 0     | 11    | 22    | 22    | 66            | 0.17          | 0.34          | 0.34          | 936          | 550           | 345                   |
| 331       | 10    | 0     | 11    | 22    | 23    | 69            | 0.16          | 0.32          | 0.33          | 948          | 570           | 350                   |
| 335       | 11    | 0     | 11    | 22    | 23    | 63            | 0.18          | 0.35          | 0.36          | 934          | 580           | 344                   |
| 338       | 10    | 0     | 11    | 22    | 22    | 64            | 0.17          | 0.35          | 0.35          | 932          | 600           | 344                   |
| 342       | 11    | 0     | 11    | 22    | 22    | 63            | 0.17          | 0.35          | 0.34          | 924          | 590           | 341                   |
| 346       | 10    | 0     | 11    | 22    | 22    | 64            | 0.17          | 0.35          | 0.34          | 928          | 600           | 342                   |
| 349       | 11    | 0     | 11    | 22    | 22    | 66            | 0.16          | 0.34          | 0.33          | 929          | 610           | 343                   |

|           |       |       |       |       |       | BROAD | 270/  | 370/  | 500/  | EST. | MEAS. | NORM.     |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----------|
| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BAND  | BBAND | BBAND | BBAND | PEEL | PEEL  | EST. PEEL |
| 353       | 10    | 0     | 11    | 22    | 22    | 64    | 0.17  | 0.34  | 0.34  | 923  | 660   | 340       |
| 356       | 11    | 0     | 11    | 22    | 22    | 67    | 0.16  | 0.33  | 0.33  | 930  | 560   | 343       |
| 360       | 10    | 0     | 11    | 22    | 22    | 65    | 0.17  | 0.33  | 0.34  | 928  | 560   | 342       |
| E616454 : |       |       |       |       |       |       |       |       |       |      |       |           |
| 83        | 0     | 0     | 17    | 25    | 22    | 63    | 0.26  | 0.40  | 0.35  | 933  | 600   | 344       |
| 86        | 0     | 0     | 16    | 24    | 23    | 63    | 0.26  | 0.38  | 0.36  | 937  | 580   | 345       |
| 90        | 0     | 0     | 15    | 23    | 23    | 64    | 0.24  | 0.37  | 0.36  | 940  | 590   | 347       |
| 94        | 0     | 0     | 15    | 23    | 23    | 64    | 0.24  | 0.37  | 0.36  | 939  | 560   | 346       |
| 97        | 0     | 0     | 16    | 25    | 23    | 64    | 0.25  | 0.39  | 0.35  | 936  | 570   | 345       |
| 101       | 0     | 0     | 17    | 25    | 23    | 65    | 0.26  | 0.39  | 0.35  | 940  | 570   | 347       |
| 104       | 0     | 0     | 16    | 25    | 22    | 63    | 0.26  | 0.39  | 0.36  | 933  | 580   | 344       |
| 108       | 0     | 0     | 15    | 23    | 20    | 62    | 0.24  | 0.37  | 0.33  | 900  | 560   | 332       |
| 112       | 0     | 0     | 15    | 23    | 21    | 62    | 0.24  | 0.37  | 0.34  | 916  | 590   | 338       |
| 115       | 0     | 0     | 15    | 23    | 23    | 64    | 0.23  | 0.36  | 0.36  | 942  | 600   | 347       |
| 119       | 0     | 0     | 14    | 23    | 23    | 65    | 0.22  | 0.36  | 0.36  | 948  | 580   | 350       |
| 122       | 1     | 0     | 14    | 23    | 22    | 65    | 0.21  | 0.35  | 0.34  | 937  | 600   | 345       |
| 126       | 5     | 0     | 14    | 23    | 23    | 68    | 0.21  | 0.33  | 0.33  | 946  | 580   | 349       |
| 130       | 37    | 0     | 13    | 22    | 23    | 63    | 0.21  | 0.36  | 0.36  | 937  | 580   | 345       |
| 133       | 34    | 0     | 13    | 22    | 23    | 63    | 0.20  | 0.36  | 0.36  | 936  | 570   | 345       |
| 137       | 10    | 0     | 14    | 23    | 23    | 65    | 0.21  | 0.35  | 0.35  | 938  | 550   | 346       |
| 140       | 11    | 0     | 13    | 23    | 23    | 65    | 0.20  | 0.35  | 0.34  | 939  | 590   | 346       |
| 144       | 10    | 0     | 13    | 23    | 22    | 65    | 0.20  | 0.35  | 0.34  | 934  | 580   | 344       |
| 148       | 11    | 0     | 13    | 23    | 23    | 65    | 0.21  | 0.35  | 0.35  | 938  | 570   | 346       |
| 151       | 10    | 0     | 14    | 23    | 23    | 67    | 0.20  | 0.34  | 0.35  | 946  | 580   | 349       |
| 155       | 11    | 0     | 12    | 22    | 23    | 65    | 0.19  | 0.34  | 0.35  | 935  | 570   | 345       |
| 158       | 10    | 0     | 12    | 23    | 23    | 70    | 0.17  | 0.32  | 0.33  | 950  | 560   | 350       |
| 162       | 11    | 0     | 12    | 22    | 23    | 64    | 0.18  | 0.35  | 0.36  | 942  | 560   | 347       |
| 166       | 9     | 0     | 11    | 22    | 23    | 64    | 0.18  | 0.34  | 0.36  | 939  | 550   | 346       |
| 169       | 30    | 0     | 12    | 22    | 23    | 64    | 0.18  | 0.34  | 0.35  | 934  | 560   | 344       |
| 173       | 30    | 0     | 11    | 22    | 22    | 63    | 0.18  | 0.35  | 0.35  | 930  | 570   | 343       |
| 176       | 3     | 0     | 12    | 22    | 23    | 64    | 0.19  | 0.35  | 0.36  | 939  | 600   | 346       |
| 180       | 0     | 0     | 13    | 23    | 23    | 64    | 0.21  | 0.36  | 0.35  | 936  | 570   | 345       |
| 184       | 0     | 0     | 14    | 22    | 23    | 64    | 0.21  | 0.35  | 0.35  | 936  | 600   | 345       |
| 187       | 3     | 0     | 13    | 23    | 23    | 64    | 0.21  | 0.35  | 0.36  | 938  | 610   | 346       |
| 191       | 1     | 0     | 14    | 23    | 23    | 71    | 0.20  | 0.33  | 0.32  | 954  | 620   | 352       |
| 194       | 3     | 0     | 14    | 23    | 23    | 64    | 0.22  | 0.36  | 0.35  | 940  | 590   | 347       |
| 198       | 15    | 0     | 14    | 23    | 23    | 64    | 0.21  | 0.36  | 0.35  | 938  | 580   | 346       |
| 202       | 8     | 0     | 13    | 22    | 22    | 64    | 0.20  | 0.35  | 0.35  | 929  | 580   | 343       |
| 205       | 7     | 0     | 11    | 22    | 22    | 65    | 0.17  | 0.33  | 0.35  | 931  | 600   | 343       |
| 209       | 10    | 0     | 11    | 22    | 22    | 64    | 0.17  | 0.34  | 0.35  | 930  | 580   | 343       |
| 212       | 11    | 0     | 11    | 22    | 23    | 64    | 0.18  | 0.35  | 0.35  | 933  | 590   | 344       |
| 216       | 10    | 0     | 12    | 22    | 23    | 65    | 0.18  | 0.34  | 0.35  | 939  | 590   | 346       |
| 220       | 11    | 0     | 13    | 23    | 23    | 65    | 0.20  | 0.35  | 0.35  | 940  | 600   | 347       |
| 223       | 23    | 0     | 14    | 23    | 23    | 69    | 0.20  | 0.33  | 0.33  | 949  | 600   | 350       |
| 227       | 10    | 0     | 13    | 22    | 22    | 63    | 0.21  | 0.35  | 0.36  | 932  | 580   | 344       |
| 230       | 36    | 0     | 13    | 23    | 22    | 63    | 0.21  | 0.36  | 0.36  | 933  | 570   | 344       |
| 234       | 11    | 0     | 13    | 22    | 22    | 64    | 0.20  | 0.34  | 0.35  | 930  | 550   | 343       |
| 238       | 16    | 0     | 12    | 22    | 23    | 64    | 0.19  | 0.35  | 0.36  | 935  | 540   | 345       |
| 241       | 0     | 0     | 12    | 22    | 22    | 63    | 0.18  | 0.34  | 0.35  | 923  | 560   | 340       |
| 245       | 6     | 0     | 12    | 22    | 22    | 64    | 0.18  | 0.34  | 0.35  | 925  | 570   | 341       |
| 248       | 33    | 0     | 11    | 21    | 22    | 67    | 0.17  | 0.32  | 0.33  | 936  | 600   | 345       |
| F618507 : |       |       |       |       |       |       |       |       |       |      |       |           |
| 90        | 11    | 0     | 13    | 22    | 22    | 72    | 0.17  | 0.31  | 0.31  | 950  | 580   | 350       |
| 94        | 10    | 0     | 13    | 23    | 22    | 64    | 0.20  | 0.36  | 0.34  | 925  | 580   | 341       |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 97        | 30    | 0     | 14    | 23    | 21    | 61            | 0.22          | 0.38          | 0.35          | 917          | 570           | 338                   |
| 101       | 5     | 0     | 13    | 23    | 22    | 63            | 0.21          | 0.37          | 0.35          | 925          | 590           | 341                   |
| 104       | 2     | 0     | 14    | 23    | 20    | 61            | 0.23          | 0.38          | 0.32          | 884          | 590           | 326                   |
| 108       | 7     | 0     | 13    | 23    | 22    | 66            | 0.19          | 0.35          | 0.33          | 927          | 580           | 342                   |
| 112       | 11    | 0     | 12    | 22    | 22    | 70            | 0.18          | 0.31          | 0.32          | 942          | 580           | 347                   |
| 115       | 10    | 0     | 12    | 22    | 22    | 72            | 0.17          | 0.30          | 0.31          | 949          | 590           | 350                   |
| 119       | 11    | 0     | 12    | 22    | 22    | 74            | 0.17          | 0.29          | 0.30          | 957          | 590           | 353                   |
| 122       | 10    | 0     | 13    | 23    | 23    | 72            | 0.18          | 0.32          | 0.31          | 954          | 580           | 352                   |
| 126       | 8     | 0     | 13    | 23    | 22    | 64            | 0.21          | 0.37          | 0.35          | 932          | 580           | 344                   |
| 130       | 8     | 0     | 12    | 23    | 22    | 62            | 0.20          | 0.36          | 0.35          | 920          | 590           | 339                   |
| 133       | 11    | 0     | 12    | 22    | 22    | 64            | 0.19          | 0.34          | 0.34          | 925          | 590           | 341                   |
| 137       | 10    | 0     | 12    | 22    | 22    | 62            | 0.19          | 0.36          | 0.35          | 922          | 600           | 340                   |
| 140       | 40    | 0     | 12    | 22    | 20    | 61            | 0.20          | 0.36          | 0.33          | 901          | 590           | 332                   |
| 144       | 0     | 0     | 13    | 20    | 16    | 57            | 0.22          | 0.36          | 0.28          | 799          | 600           | 295                   |
| 148       | 0     | 0     | 12    | 17    | 13    | 48            | 0.25          | 0.35          | 0.28          | 696          | 620           | 257                   |
| 151       | 0     | 0     | 12    | 15    | 12    | 44            | 0.27          | 0.35          | 0.29          | 659          | 620           | 243                   |
| 155       | 2     | 0     | 12    | 19    | 16    | 55            | 0.22          | 0.35          | 0.29          | 792          | 600           | 292                   |
| 158       | 10    | 0     | 12    | 22    | 21    | 61            | 0.20          | 0.35          | 0.34          | 906          | 600           | 334                   |
| 162       | 11    | 0     | 12    | 22    | 22    | 64            | 0.18          | 0.34          | 0.34          | 925          | 600           | 341                   |
| 166       | 17    | 0     | 12    | 20    | 17    | 56            | 0.22          | 0.35          | 0.30          | 819          | 600           | 302                   |
| 169       | 1     | 0     | 12    | 19    | 17    | 54            | 0.23          | 0.34          | 0.31          | 800          | 630           | 295                   |
| 173       | 3     | 0     | 12    | 22    | 21    | 60            | 0.20          | 0.36          | 0.35          | 905          | 610           | 334                   |
| 176       | 11    | 0     | 11    | 22    | 22    | 64            | 0.18          | 0.34          | 0.34          | 921          | 600           | 340                   |
| 180       | 10    | 0     | 11    | 21    | 22    | 71            | 0.15          | 0.29          | 0.31          | 938          | 590           | 346                   |
| 184       | 11    | 0     | 11    | 21    | 22    | 72            | 0.15          | 0.29          | 0.31          | 938          | 590           | 346                   |
| 187       | 10    | 0     | 10    | 21    | 22    | 75            | 0.14          | 0.27          | 0.29          | 946          | 590           | 349                   |
| 191       | 11    | 0     | 10    | 20    | 22    | 72            | 0.15          | 0.28          | 0.31          | 935          | 590           | 345                   |
| 194       | 10    | 0     | 10    | 20    | 22    | 73            | 0.14          | 0.28          | 0.30          | 936          | 600           | 345                   |
| 198       | 11    | 0     | 10    | 19    | 22    | 75            | 0.14          | 0.26          | 0.29          | 935          | 610           | 345                   |
| 202       | 10    | 0     | 11    | 20    | 22    | 71            | 0.15          | 0.28          | 0.31          | 928          | 630           | 342                   |
| F618508 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 148       | 20    | 0     | 13    | 23    | 22    | 61            | 0.21          | 0.38          | 0.36          | 924          | 640           | 341                   |
| 151       | 9     | 0     | 13    | 23    | 21    | 61            | 0.22          | 0.38          | 0.35          | 915          | 670           | 337                   |
| 155       | 0     | 0     | 14    | 23    | 21    | 60            | 0.23          | 0.38          | 0.35          | 908          | 690           | 335                   |
| 158       | 0     | 0     | 13    | 23    | 19    | 59            | 0.22          | 0.39          | 0.32          | 873          | 680           | 322                   |
| 162       | 0     | 0     | 13    | 23    | 20    | 59            | 0.23          | 0.39          | 0.34          | 895          | 710           | 330                   |
| 166       | 12    | 0     | 13    | 22    | 21    | 60            | 0.21          | 0.37          | 0.34          | 904          | 700           | 333                   |
| 169       | 1     | 0     | 13    | 23    | 21    | 61            | 0.22          | 0.38          | 0.35          | 914          | 770           | 337                   |
| 173       | 0     | 0     | 14    | 23    | 21    | 60            | 0.23          | 0.39          | 0.35          | 907          | 760           | 334                   |
| 176       | 0     | 0     | 13    | 23    | 20    | 59            | 0.22          | 0.39          | 0.34          | 888          | 780           | 327                   |
| 180       | 0     | 0     | 14    | 23    | 21    | 61            | 0.23          | 0.38          | 0.35          | 911          | 800           | 336                   |
| 184       | 10    | 0     | 14    | 23    | 21    | 61            | 0.23          | 0.38          | 0.35          | 917          | 810           | 338                   |
| 187       | 21    | 0     | 13    | 23    | 21    | 60            | 0.23          | 0.39          | 0.36          | 914          | 840           | 337                   |
| 191       | 19    | 0     | 14    | 23    | 22    | 61            | 0.23          | 0.38          | 0.36          | 921          | 760           | 340                   |
| 194       | 10    | 0     | 13    | 23    | 22    | 66            | 0.19          | 0.35          | 0.34          | 934          | 760           | 344                   |
| 198       | 11    | 0     | 12    | 23    | 22    | 63            | 0.19          | 0.37          | 0.35          | 931          | 770           | 343                   |
| 202       | 10    | 0     | 12    | 23    | 22    | 64            | 0.19          | 0.36          | 0.35          | 934          | 570           | 344                   |
| 205       | 11    | 0     | 12    | 24    | 22    | 63            | 0.19          | 0.37          | 0.35          | 930          | 560           | 343                   |
| 209       | 9     | 0     | 13    | 23    | 21    | 60            | 0.22          | 0.38          | 0.35          | 910          | 560           | 336                   |
| 212       | 9     | 0     | 13    | 23    | 22    | 62            | 0.20          | 0.37          | 0.35          | 921          | 560           | 340                   |
| 216       | 10    | 0     | 13    | 23    | 22    | 72            | 0.17          | 0.32          | 0.31          | 951          | 560           | 351                   |
| 220       | 11    | 0     | 13    | 23    | 22    | 63            | 0.20          | 0.37          | 0.35          | 935          | 560           | 345                   |
| 223       | 10    | 0     | 13    | 23    | 22    | 64            | 0.20          | 0.36          | 0.34          | 931          | 560           | 343                   |
| 227       | 11    | 0     | 13    | 23    | 22    | 71            | 0.18          | 0.33          | 0.31          | 945          | 560           | 348                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD BAND | 270/ BBAND | 370/ BBAND | 500/ BBAND | EST. PEEL | MEAS. PEEL | NORM. EST. PEEL |
|-----------|-------|-------|-------|-------|-------|------------|------------|------------|------------|-----------|------------|-----------------|
| 230       | 10    | 0     | 13    | 23    | 22    | 64         | 0.20       | 0.35       | 0.34       | 927       | 560        | 342             |
| 234       | 11    | 0     | 13    | 23    | 22    | 62         | 0.20       | 0.37       | 0.36       | 925       | 560        | 341             |
| 238       | 33    | 0     | 13    | 23    | 21    | 60         | 0.21       | 0.38       | 0.35       | 906       | 550        | 334             |
| 241       | 20    | 0     | 13    | 23    | 19    | 59         | 0.22       | 0.39       | 0.32       | 874       | 540        | 322             |
| 245       | 10    | 0     | 13    | 22    | 22    | 63         | 0.20       | 0.35       | 0.34       | 922       | 540        | 340             |
| 248       | 11    | 0     | 13    | 23    | 22    | 72         | 0.18       | 0.32       | 0.31       | 947       | 540        | 349             |
| 252       | 10    | 0     | 13    | 23    | 22    | 65         | 0.20       | 0.35       | 0.34       | 934       | 540        | 344             |
| 256       | 38    | 0     | 13    | 23    | 21    | 60         | 0.22       | 0.39       | 0.35       | 913       | 540        | 337             |
| 259       | 10    | 0     | 14    | 24    | 22    | 66         | 0.21       | 0.37       | 0.33       | 935       | 530        | 345             |
| 263       | 11    | 0     | 13    | 24    | 22    | 69         | 0.19       | 0.35       | 0.33       | 945       | 520        | 348             |
| 266       | 10    | 0     | 11    | 21    | 22    | 67         | 0.17       | 0.32       | 0.33       | 929       | 520        | 343             |
| 270       | 11    | 0     | 11    | 22    | 22    | 66         | 0.17       | 0.34       | 0.33       | 929       | 520        | 343             |
| 274       | 12    | 0     | 13    | 19    | 17    | 52         | 0.24       | 0.37       | 0.33       | 811       | 520        | 299             |
| 277       | 0     | 0     | 12    | 16    | 12    | 42         | 0.28       | 0.37       | 0.28       | 638       | 530        | 235             |
| 281       | 0     | 0     | 13    | 21    | 18    | 53         | 0.24       | 0.39       | 0.34       | 845       | 520        | 312             |
| 284       | 23    | 0     | 13    | 23    | 21    | 60         | 0.21       | 0.38       | 0.35       | 904       | 520        | 333             |
| 288       | 37    | 0     | 12    | 23    | 21    | 62         | 0.20       | 0.37       | 0.34       | 910       | 520        | 336             |
| 292       | 0     | 0     | 13    | 22    | 19    | 55         | 0.23       | 0.40       | 0.34       | 863       | 530        | 318             |
| 295       | 0     | 0     | 12    | 21    | 17    | 54         | 0.22       | 0.39       | 0.33       | 833       | 520        | 307             |
| 299       | 31    | 0     | 12    | 21    | 18    | 56         | 0.21       | 0.37       | 0.31       | 836       | 520        | 308             |
| 302       | 10    | 0     | 11    | 23    | 21    | 66         | 0.17       | 0.34       | 0.33       | 924       | 510        | 341             |
| 306       | 37    | 0     | 12    | 22    | 19    | 58         | 0.21       | 0.39       | 0.33       | 870       | 510        | 321             |
| F618591 : |       |       |       |       |       |            |            |            |            |           |            |                 |
| 50        | 2     | 0     | 13    | 24    | 24    | 66         | 0.20       | 0.37       | 0.37       | 964       | 560        | 355             |
| 54        | 38    | 0     | 14    | 24    | 24    | 67         | 0.20       | 0.36       | 0.36       | 959       | 560        | 354             |
| 58        | 3     | 0     | 13    | 24    | 24    | 65         | 0.20       | 0.37       | 0.37       | 956       | 610        | 352             |
| 61        | 13    | 0     | 13    | 24    | 24    | 65         | 0.20       | 0.37       | 0.37       | 953       | 560        | 351             |
| 65        | 45    | 0     | 13    | 24    | 23    | 64         | 0.21       | 0.37       | 0.36       | 946       | 530        | 349             |
| 68        | 7     | 0     | 14    | 23    | 23    | 63         | 0.22       | 0.37       | 0.38       | 947       | 550        | 349             |
| 72        | 0     | 0     | 14    | 23    | 23    | 62         | 0.22       | 0.37       | 0.37       | 945       | 550        | 348             |
| 76        | 0     | 0     | 13    | 23    | 23    | 62         | 0.21       | 0.37       | 0.37       | 942       | 650        | 347             |
| 79        | 4     | 0     | 13    | 24    | 24    | 64         | 0.21       | 0.37       | 0.37       | 953       | 550        | 351             |
| 83        | 6     | 0     | 14    | 24    | 24    | 65         | 0.21       | 0.37       | 0.37       | 954       | 580        | 352             |
| 86        | 28    | 0     | 14    | 24    | 24    | 65         | 0.21       | 0.37       | 0.37       | 957       | 620        | 353             |
| 90        | 8     | 0     | 14    | 24    | 24    | 64         | 0.21       | 0.37       | 0.37       | 951       | 590        | 351             |
| 227       | 0     | 0     | 15    | 25    | 24    | 64         | 0.23       | 0.39       | 0.38       | 955       | 500        | 352             |
| 230       | 0     | 0     | 15    | 25    | 24    | 64         | 0.24       | 0.38       | 0.38       | 957       | 500        | 353             |
| 234       | 0     | 0     | 15    | 25    | 25    | 64         | 0.24       | 0.39       | 0.39       | 963       | 510        | 355             |
| 238       | 0     | 0     | 15    | 24    | 25    | 64         | 0.24       | 0.38       | 0.39       | 962       | 520        | 355             |
| 241       | 0     | 0     | 15    | 25    | 24    | 65         | 0.23       | 0.38       | 0.37       | 960       | 550        | 354             |
| 245       | 0     | 0     | 15    | 24    | 25    | 65         | 0.23       | 0.37       | 0.38       | 965       | 580        | 356             |
| 248       | 0     | 0     | 15    | 24    | 25    | 66         | 0.23       | 0.37       | 0.37       | 966       | 480        | 356             |
| 252       | 0     | 0     | 16    | 24    | 25    | 64         | 0.25       | 0.38       | 0.39       | 960       | 480        | 354             |
| 256       | 0     | 0     | 16    | 24    | 24    | 64         | 0.25       | 0.38       | 0.38       | 958       | 480        | 353             |
| 259       | 0     | 0     | 16    | 23    | 24    | 63         | 0.25       | 0.37       | 0.39       | 957       | 500        | 353             |
| 263       | 0     | 0     | 16    | 24    | 24    | 63         | 0.25       | 0.38       | 0.39       | 957       | 520        | 353             |
| 266       | 0     | 0     | 16    | 24    | 24    | 64         | 0.24       | 0.38       | 0.38       | 960       | 550        | 354             |
| 270       | 1     | 0     | 15    | 25    | 25    | 64         | 0.23       | 0.38       | 0.38       | 963       | 520        | 355             |
| 274       | 0     | 0     | 15    | 24    | 24    | 65         | 0.23       | 0.37       | 0.37       | 959       | 530        | 354             |
| 277       | 20    | 0     | 15    | 24    | 25    | 66         | 0.23       | 0.37       | 0.38       | 965       | 530        | 356             |
| 281       | 0     | 0     | 16    | 25    | 25    | 67         | 0.23       | 0.37       | 0.37       | 968       | 540        | 357             |
| 284       | 39    | 0     | 15    | 25    | 25    | 66         | 0.23       | 0.38       | 0.38       | 971       | 540        | 358             |
| 288       | 31    | 0     | 14    | 25    | 25    | 68         | 0.21       | 0.36       | 0.37       | 973       | 560        | 359             |
| 292       | 10    | 0     | 14    | 24    | 25    | 72         | 0.19       | 0.34       | 0.34       | 980       | 560        | 361             |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 295       | 6     | 0     | 14    | 25    | 25    | 71            | 0.20          | 0.35          | 0.36          | 981          | 560           | 362                   |
| 299       | 10    | 0     | 14    | 25    | 24    | 68            | 0.20          | 0.36          | 0.36          | 967          | 560           | 357                   |
| F618592 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 50        | 11    | 0     | 12    | 22    | 21    | 62            | 0.19          | 0.35          | 0.35          | 914          | 570           | 337                   |
| 54        | 0     | 0     | 12    | 16    | 13    | 43            | 0.27          | 0.37          | 0.31          | 696          | 600           | 257                   |
| 58        | 0     | 0     | 11    | 11    | 10    | 29            | 0.38          | 0.39          | 0.35          | 561          | 600           | 207                   |
| 61        | 0     | 0     | 11    | 14    | 12    | 36            | 0.31          | 0.38          | 0.32          | 627          | 560           | 231                   |
| 65        | 0     | 0     | 12    | 21    | 18    | 55            | 0.22          | 0.38          | 0.32          | 838          | 640           | 309                   |
| 68        | 0     | 0     | 12    | 20    | 19    | 57            | 0.20          | 0.35          | 0.32          | 854          | 600           | 315                   |
| 72        | 29    | 0     | 12    | 23    | 23    | 63            | 0.19          | 0.37          | 0.37          | 945          | 610           | 348                   |
| 76        | 7     | 0     | 12    | 23    | 23    | 73            | 0.16          | 0.32          | 0.31          | 962          | 580           | 355                   |
| 79        | 10    | 0     | 12    | 23    | 24    | 70            | 0.17          | 0.33          | 0.34          | 961          | 650           | 354                   |
| 83        | 10    | 0     | 12    | 23    | 24    | 63            | 0.19          | 0.37          | 0.37          | 948          | 600           | 350                   |
| 86        | 4     | 0     | 13    | 24    | 24    | 65            | 0.20          | 0.36          | 0.36          | 951          | 650           | 351                   |
| 90        | 9     | 0     | 13    | 23    | 24    | 63            | 0.20          | 0.37          | 0.37          | 948          | 610           | 350                   |
| 94        | 10    | 0     | 9     | 15    | 14    | 44            | 0.20          | 0.35          | 0.32          | 710          | 570           | 262                   |
| 97        | 0     | 0     | 12    | 18    | 14    | 45            | 0.26          | 0.41          | 0.32          | 742          | 630           | 274                   |
| 101       | 0     | 0     | 12    | 15    | 13    | 38            | 0.32          | 0.40          | 0.34          | 674          | 540           | 249                   |
| 104       | 0     | 0     | 12    | 20    | 20    | 53            | 0.23          | 0.38          | 0.38          | 879          | 520           | 324                   |
| 108       | 6     | 0     | 12    | 22    | 24    | 63            | 0.19          | 0.36          | 0.38          | 944          | 590           | 348                   |
| 112       | 1     | 0     | 13    | 22    | 24    | 64            | 0.20          | 0.35          | 0.37          | 945          | 540           | 348                   |
| 115       | 17    | 0     | 13    | 23    | 24    | 65            | 0.19          | 0.35          | 0.37          | 954          | 520           | 352                   |
| 119       | 29    | 0     | 12    | 23    | 24    | 65            | 0.19          | 0.36          | 0.37          | 957          | 540           | 353                   |
| 122       | 5     | 0     | 13    | 23    | 24    | 65            | 0.19          | 0.36          | 0.37          | 954          | 520           | 352                   |
| 126       | 30    | 0     | 13    | 23    | 24    | 64            | 0.20          | 0.37          | 0.38          | 957          | 550           | 353                   |
| 130       | 21    | 0     | 13    | 24    | 24    | 65            | 0.19          | 0.36          | 0.37          | 954          | 580           | 352                   |
| 133       | 1     | 0     | 12    | 24    | 24    | 65            | 0.19          | 0.36          | 0.37          | 958          | 510           | 353                   |
| 137       | 20    | 0     | 12    | 23    | 24    | 64            | 0.19          | 0.36          | 0.37          | 954          | 560           | 352                   |
| 227       | 0     | 0     | 13    | 23    | 23    | 61            | 0.21          | 0.38          | 0.37          | 932          | 690           | 344                   |
| 230       | 0     | 0     | 13    | 23    | 23    | 61            | 0.22          | 0.38          | 0.38          | 940          | 720           | 347                   |
| 234       | 0     | 0     | 13    | 23    | 23    | 62            | 0.21          | 0.37          | 0.37          | 943          | 610           | 348                   |
| 238       | 0     | 0     | 13    | 23    | 23    | 62            | 0.21          | 0.37          | 0.38          | 946          | 600           | 349                   |
| 241       | 0     | 0     | 14    | 23    | 24    | 61            | 0.22          | 0.37          | 0.39          | 947          | 660           | 349                   |
| 245       | 0     | 0     | 14    | 24    | 24    | 63            | 0.22          | 0.38          | 0.38          | 949          | 550           | 350                   |
| 248       | 0     | 0     | 14    | 24    | 23    | 64            | 0.21          | 0.38          | 0.37          | 949          | 580           | 350                   |
| 252       | 0     | 0     | 14    | 24    | 24    | 63            | 0.23          | 0.38          | 0.38          | 952          | 660           | 351                   |
| 256       | 0     | 0     | 14    | 24    | 24    | 62            | 0.23          | 0.39          | 0.38          | 949          | 700           | 350                   |
| 259       | 0     | 0     | 14    | 24    | 23    | 60            | 0.23          | 0.39          | 0.38          | 939          | 680           | 346                   |
| 263       | 0     | 0     | 13    | 24    | 23    | 60            | 0.22          | 0.39          | 0.38          | 932          | 690           | 344                   |
| 266       | 0     | 0     | 14    | 24    | 23    | 60            | 0.23          | 0.40          | 0.38          | 940          | 590           | 347                   |
| 270       | 0     | 0     | 14    | 25    | 23    | 63            | 0.23          | 0.40          | 0.37          | 946          | 680           | 349                   |
| 274       | 0     | 0     | 14    | 25    | 24    | 67            | 0.21          | 0.37          | 0.36          | 960          | 630           | 354                   |
| 277       | 0     | 0     | 14    | 24    | 23    | 62            | 0.23          | 0.38          | 0.37          | 941          | 610           | 347                   |
| 281       | 0     | 0     | 14    | 23    | 23    | 62            | 0.23          | 0.38          | 0.37          | 938          | 640           | 346                   |
| 284       | 0     | 0     | 14    | 24    | 23    | 62            | 0.22          | 0.39          | 0.37          | 941          | 670           | 347                   |
| 288       | 0     | 0     | 14    | 25    | 24    | 64            | 0.22          | 0.39          | 0.37          | 950          | 680           | 350                   |
| 292       | 0     | 0     | 14    | 25    | 23    | 64            | 0.22          | 0.39          | 0.36          | 950          | 650           | 350                   |
| 295       | 2     | 0     | 14    | 25    | 24    | 64            | 0.22          | 0.39          | 0.37          | 955          | 650           | 352                   |
| 299       | 0     | 0     | 14    | 25    | 24    | 64            | 0.22          | 0.39          | 0.38          | 957          | 640           | 353                   |

Comments: Data extracted from regions exhibiting smooth adhesion pull.

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|          |       |       |       |       |       | BROAD 270/ 370/ 500/ |       |       |       | EST. | MEAS. | NORM. |
|----------|-------|-------|-------|-------|-------|----------------------|-------|-------|-------|------|-------|-------|
| ANGLE    | PHASE | INCLU | 270 K | 370 K | 500 K | BAND                 | BBAND | BBAND | BBAND | PEEL | PEEL  | PEEL  |
| B66339 : |       |       |       |       |       |                      |       |       |       |      |       |       |
| 90       | 0     | 0     | 10    | 8     | 9     | 38                   | 0.26  | 0.21  | 0.24  | 410  | 170   | 152   |
| 94       | 0     | 0     | 13    | 9     | 10    | 39                   | 0.32  | 0.22  | 0.26  | 451  | 170   | 167   |
| 97       | 0     | 0     | 14    | 11    | 11    | 37                   | 0.36  | 0.31  | 0.30  | 553  | 160   | 204   |
| 101      | 0     | 0     | 13    | 13    | 11    | 36                   | 0.37  | 0.35  | 0.32  | 593  | 160   | 219   |
| 104      | 0     | 0     | 13    | 13    | 11    | 37                   | 0.36  | 0.34  | 0.31  | 588  | 165   | 217   |
| 108      | 0     | 0     | 13    | 12    | 11    | 36                   | 0.36  | 0.35  | 0.31  | 584  | 165   | 216   |
| 112      | 0     | 0     | 13    | 12    | 11    | 36                   | 0.36  | 0.34  | 0.31  | 577  | 175   | 213   |
| 115      | 0     | 0     | 13    | 11    | 11    | 35                   | 0.37  | 0.32  | 0.31  | 554  | 170   | 205   |
| 119      | 0     | 0     | 13    | 10    | 11    | 35                   | 0.37  | 0.29  | 0.31  | 516  | 170   | 191   |
| 122      | 0     | 0     | 9     | 8     | 9     | 36                   | 0.25  | 0.23  | 0.26  | 412  | 160   | 152   |
| 126      | 0     | 0     | 9     | 8     | 9     | 35                   | 0.25  | 0.23  | 0.26  | 401  | 160   | 148   |
| 130      | 0     | 0     | 11    | 9     | 10    | 35                   | 0.32  | 0.25  | 0.27  | 437  | 160   | 162   |
| 133      | 0     | 0     | 13    | 12    | 11    | 34                   | 0.37  | 0.34  | 0.32  | 562  | 160   | 208   |
| 137      | 0     | 0     | 13    | 12    | 11    | 35                   | 0.36  | 0.34  | 0.32  | 562  | 165   | 208   |
| 140      | 0     | 0     | 13    | 12    | 11    | 35                   | 0.37  | 0.33  | 0.31  | 555  | 170   | 205   |
| 144      | 0     | 0     | 13    | 12    | 11    | 34                   | 0.38  | 0.34  | 0.32  | 555  | 175   | 205   |
| 148      | 0     | 0     | 13    | 12    | 11    | 35                   | 0.37  | 0.34  | 0.31  | 558  | 175   | 206   |
| 151      | 0     | 0     | 13    | 12    | 11    | 35                   | 0.38  | 0.33  | 0.30  | 543  | 175   | 201   |
| 155      | 0     | 0     | 13    | 12    | 11    | 36                   | 0.36  | 0.33  | 0.30  | 557  | 175   | 206   |
| 158      | 0     | 0     | 13    | 11    | 11    | 37                   | 0.34  | 0.30  | 0.30  | 548  | 175   | 203   |
| 162      | 0     | 0     | 13    | 11    | 11    | 39                   | 0.32  | 0.29  | 0.28  | 547  | 170   | 202   |
| 166      | 0     | 0     | 13    | 12    | 11    | 35                   | 0.36  | 0.34  | 0.31  | 562  | 150   | 208   |
| 169      | 0     | 0     | 13    | 12    | 11    | 38                   | 0.35  | 0.31  | 0.29  | 550  | 150   | 203   |
| 173      | 0     | 0     | 13    | 12    | 11    | 38                   | 0.35  | 0.31  | 0.29  | 555  | 155   | 205   |
| 180      | 0     | 0     | 13    | 12    | 11    | 36                   | 0.37  | 0.32  | 0.30  | 552  | 160   | 204   |
| 184      | 0     | 0     | 13    | 12    | 11    | 36                   | 0.37  | 0.33  | 0.31  | 570  | 160   | 211   |
| 187      | 0     | 0     | 13    | 12    | 11    | 37                   | 0.37  | 0.33  | 0.30  | 571  | 150   | 211   |
| 191      | 0     | 0     | 14    | 12    | 11    | 35                   | 0.38  | 0.34  | 0.32  | 573  | 140   | 212   |
| 194      | 0     | 0     | 14    | 12    | 11    | 38                   | 0.36  | 0.31  | 0.30  | 570  | 140   | 211   |
| 198      | 0     | 0     | 13    | 12    | 11    | 36                   | 0.38  | 0.33  | 0.31  | 571  | 140   | 211   |
| 202      | 0     | 0     | 13    | 12    | 11    | 36                   | 0.37  | 0.33  | 0.31  | 571  | 140   | 211   |
| 205      | 0     | 0     | 14    | 12    | 11    | 38                   | 0.36  | 0.32  | 0.30  | 569  | 140   | 210   |
| 209      | 0     | 0     | 13    | 12    | 11    | 36                   | 0.37  | 0.33  | 0.32  | 572  | 140   | 211   |
| 212      | 0     | 0     | 13    | 12    | 11    | 38                   | 0.35  | 0.30  | 0.29  | 553  | 140   | 204   |
| 216      | 0     | 0     | 13    | 12    | 11    | 38                   | 0.33  | 0.31  | 0.29  | 567  | 140   | 210   |
| 220      | 0     | 0     | 12    | 13    | 11    | 39                   | 0.31  | 0.32  | 0.28  | 573  | 140   | 212   |
| 223      | 0     | 0     | 12    | 12    | 11    | 38                   | 0.31  | 0.31  | 0.29  | 555  | 150   | 205   |
| 227      | 0     | 0     | 11    | 13    | 11    |                      |       |       |       |      |       |       |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 248       | 0     | 0     | 12    | 13    | 11    | 40            | 0.29          | 0.32          | 0.28          | 564          | 160           | 208                   |
| 252       | 0     | 0     | 12    | 12    | 12    | 40            | 0.29          | 0.31          | 0.29          | 580          | 160           | 214                   |
| 256       | 32    | 1     | 12    | 12    | 11    | 35            | 0.35          | 0.33          | 0.30          | 545          | 160           | 201                   |
| 259       | 10    | 1     | 12    | 12    | 11    | 36            | 0.34          | 0.34          | 0.30          | 566          | 160           | 209                   |
| 263       | 11    | 1     | 12    | 15    | 12    | 39            | 0.31          | 0.37          | 0.31          | 644          | 160           | 238                   |
| 266       | 10    | 1     | 12    | 15    | 12    | 39            | 0.31          | 0.37          | 0.31          | 641          | 160           | 237                   |
| 270       | 11    | 1     | 12    | 15    | 12    | 38            | 0.33          | 0.38          | 0.32          | 645          | 160           | 238                   |
| 274       | 8     | 1     | 12    | 15    | 13    | 40            | 0.34          | 0.38          | 0.33          | 675          | 170           | 249                   |
| D611126 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 58        | 1     | 0     | 14    | 25    | 22    | 64            | 0.22          | 0.39          | 0.34          | 926          | 420           | 342                   |
| 61        | 0     | 0     | 14    | 25    | 22    | 64            | 0.22          | 0.40          | 0.35          | 931          | 440           | 344                   |
| 65        | 0     | 0     | 14    | 24    | 22    | 61            | 0.23          | 0.40          | 0.35          | 922          | 440           | 341                   |
| 68        | 0     | 0     | 14    | 24    | 21    | 60            | 0.24          | 0.41          | 0.35          | 910          | 440           | 336                   |
| 72        | 1     | 0     | 14    | 24    | 22    | 63            | 0.22          | 0.39          | 0.35          | 928          | 440           | 343                   |
| 76        | 0     | 0     | 14    | 24    | 22    | 62            | 0.23          | 0.39          | 0.35          | 924          | 440           | 341                   |
| 79        | 0     | 0     | 14    | 25    | 22    | 62            | 0.23          | 0.40          | 0.35          | 923          | 440           | 341                   |
| 83        | 0     | 0     | 14    | 24    | 22    | 63            | 0.22          | 0.39          | 0.35          | 928          | 440           | 343                   |
| 86        | 0     | 0     | 14    | 25    | 22    | 63            | 0.22          | 0.39          | 0.35          | 931          | 440           | 344                   |
| 90        | 0     | 0     | 14    | 25    | 23    | 64            | 0.22          | 0.38          | 0.36          | 941          | 440           | 348                   |
| 94        | 0     | 0     | 14    | 23    | 23    | 63            | 0.22          | 0.36          | 0.36          | 940          | 460           | 347                   |
| 97        | 0     | 0     | 14    | 24    | 23    | 64            | 0.22          | 0.37          | 0.36          | 945          | 480           | 349                   |
| 180       | 0     | 0     | 13    | 21    | 21    | 60            | 0.21          | 0.34          | 0.36          | 906          | 540           | 335                   |
| 184       | 0     | 0     | 13    | 23    | 23    | 65            | 0.21          | 0.35          | 0.36          | 946          | 540           | 350                   |
| 187       | 1     | 0     | 14    | 23    | 23    | 65            | 0.21          | 0.35          | 0.36          | 947          | 540           | 350                   |
| 191       | 1     | 0     | 13    | 23    | 23    | 65            | 0.20          | 0.36          | 0.36          | 951          | 540           | 351                   |
| 194       | 1     | 0     | 14    | 23    | 23    | 65            | 0.21          | 0.35          | 0.35          | 942          | 540           | 348                   |
| 198       | 9     | 0     | 6     | 9     | 8     | 27            | 0.24          | 0.32          | 0.31          | 423          | 540           | 156                   |
| 202       | 37    | 0     | 14    | 24    | 24    | 67            | 0.21          | 0.35          | 0.36          | 959          | 540           | 354                   |
| 205       | 30    | 0     | 14    | 24    | 24    | 66            | 0.21          | 0.36          | 0.36          | 957          | 540           | 354                   |
| 209       | 5     | 0     | 14    | 23    | 23    | 65            | 0.21          | 0.36          | 0.36          | 949          | 540           | 351                   |
| 212       | 0     | 0     | 14    | 20    | 21    | 58            | 0.24          | 0.35          | 0.37          | 899          | 540           | 332                   |
| 216       | 0     | 0     | 14    | 20    | 22    | 58            | 0.24          | 0.34          | 0.37          | 903          | 540           | 334                   |
| 220       | 0     | 0     | 14    | 20    | 23    | 62            | 0.22          | 0.33          | 0.37          | 922          | 540           | 341                   |
| 223       | 1     | 0     | 13    | 21    | 23    | 65            | 0.21          | 0.33          | 0.36          | 936          | 540           | 346                   |
| 252       | 0     | 0     | 13    | 18    | 19    | 56            | 0.24          | 0.33          | 0.34          | 842          | 560           | 311                   |
| 256       | 0     | 0     | 14    | 18    | 19    | 54            | 0.25          | 0.34          | 0.35          | 841          | 580           | 311                   |
| 259       | 1     | 0     | 13    | 20    | 21    | 59            | 0.23          | 0.35          | 0.36          | 900          | 600           | 333                   |
| 263       | 0     | 0     | 14    | 23    | 22    | 63            | 0.22          | 0.37          | 0.36          | 935          | 600           | 346                   |
| 266       | 14    | 0     | 14    | 24    | 24    | 66            | 0.22          | 0.36          | 0.36          | 954          | 620           | 353                   |
| 270       | 1     | 0     | 14    | 25    | 24    | 66            | 0.22          | 0.38          | 0.36          | 956          | 620           | 353                   |
| 274       | 0     | 0     | 14    | 24    | 24    | 66            | 0.21          | 0.37          | 0.36          | 954          | 640           | 353                   |
| 277       | 0     | 0     | 13    | 23    | 22    | 59            | 0.23          | 0.38          | 0.38          | 929          | 660           | 343                   |
| D611134 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 137       | 11    | 0     | 12    | 23    | 25    | 72            | 0.17          | 0.33          | 0.35          | 978          | 460           | 361                   |
| 140       | 11    | 0     | 12    | 23    | 25    | 73            | 0.17          | 0.31          | 0.34          | 981          | 460           | 363                   |
| 144       | 10    | 0     | 12    | 23    | 26    | 72            | 0.17          | 0.32          | 0.36          | 984          | 480           | 364                   |
| 238       | 11    | 0     | 12    | 24    | 25    | 74            | 0.17          | 0.32          | 0.34          | 988          | 420           | 365                   |
| 241       | 11    | 0     | 13    | 24    | 25    | 71            | 0.18          | 0.33          | 0.35          | 981          | 420           | 363                   |
| 245       | 11    | 0     | 12    | 23    | 25    | 74            | 0.16          | 0.31          | 0.33          | 983          | 420           | 363                   |
| 248       | 11    | 0     | 13    | 23    | 25    | 70            | 0.18          | 0.33          | 0.36          | 973          | 420           | 360                   |
| 252       | 11    | 0     | 13    | 23    | 25    | 70            | 0.18          | 0.33          | 0.36          | 977          | 420           | 361                   |
| 256       | 11    | 0     | 13    | 23    | 25    | 70            | 0.18          | 0.33          | 0.36          | 978          | 420           | 361                   |
| 259       | 11    | 0     | 13    | 23    | 25    | 71            | 0.18          | 0.33          | 0.35          | 975          | 420           | 360                   |
| 263       | 11    | 0     | 13    | 24    | 25    | 71            | 0.18          | 0.33          | 0.36          | 979          | 420           | 362                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 266       | 11    | 0     | 12    | 23    | 25    | 70            | 0.18          | 0.33          | 0.35          | 972          | 420           | 359                   |
| 270       | 11    | 0     | 12    | 22    | 23    | 69            | 0.18          | 0.32          | 0.34          | 953          | 420           | 352                   |
| 274       | 0     | 0     | 13    | 17    | 17    | 59            | 0.22          | 0.30          | 0.29          | 802          | 420           | 296                   |
| 277       | 0     | 0     | 13    | 18    | 18    | 61            | 0.21          | 0.30          | 0.30          | 837          | 420           | 309                   |
| 281       | 21    | 0     | 13    | 22    | 24    | 68            | 0.19          | 0.32          | 0.35          | 953          | 420           | 352                   |
| 284       | 43    | 0     | 13    | 23    | 24    | 69            | 0.18          | 0.33          | 0.35          | 963          | 420           | 356                   |
| 288       | 11    | 0     | 13    | 22    | 24    | 69            | 0.19          | 0.32          | 0.35          | 961          | 420           | 355                   |
| 292       | 11    | 0     | 13    | 23    | 25    | 71            | 0.18          | 0.32          | 0.35          | 974          | 420           | 360                   |
| 295       | 11    | 0     | 13    | 23    | 25    | 71            | 0.18          | 0.32          | 0.35          | 977          | 420           | 361                   |
| 299       | 11    | 0     | 13    | 23    | 24    | 70            | 0.18          | 0.32          | 0.34          | 965          | 420           | 357                   |
| 302       | 11    | 0     | 13    | 23    | 25    | 73            | 0.17          | 0.32          | 0.34          | 981          | 420           | 363                   |
| 306       | 11    | 0     | 12    | 24    | 25    | 74            | 0.17          | 0.32          | 0.34          | 986          | 420           | 364                   |
| 310       | 11    | 0     | 12    | 23    | 25    | 88            | 0.14          | 0.27          | 0.29          | 1033         | 420           | 382                   |
| 313       | 11    | 0     | 12    | 24    | 25    | 75            | 0.16          | 0.31          | 0.34          | 991          | 420           | 366                   |
| 317       | 41    | 0     | 12    | 21    | 20    | 64            | 0.19          | 0.32          | 0.31          | 895          | 420           | 331                   |
| 320       | 7     | 0     | 13    | 19    | 17    | 59            | 0.21          | 0.32          | 0.28          | 813          | 420           | 300                   |
| 324       | 11    | 0     | 13    | 23    | 24    | 72            | 0.18          | 0.32          | 0.34          | 971          | 420           | 359                   |
| 328       | 11    | 0     | 13    | 23    | 25    | 76            | 0.17          | 0.30          | 0.33          | 989          | 420           | 366                   |
| 331       | 11    | 0     | 13    | 23    | 25    | 74            | 0.17          | 0.31          | 0.34          | 989          | 440           | 366                   |
| 335       | 11    | 0     | 12    | 23    | 25    | 74            | 0.17          | 0.31          | 0.34          | 987          | 440           | 365                   |
| 338       | 8     | 0     | 13    | 22    | 23    | 68            | 0.18          | 0.32          | 0.34          | 948          | 440           | 350                   |
| 342       | 6     | 0     | 13    | 19    | 22    | 63            | 0.20          | 0.30          | 0.35          | 904          | 440           | 334                   |
| 346       | 0     | 0     | 13    | 17    | 15    | 49            | 0.27          | 0.35          | 0.31          | 757          | 440           | 280                   |
| 349       | 2     | 0     | 13    | 18    | 19    | 59            | 0.22          | 0.31          | 0.32          | 840          | 440           | 310                   |
| 353       | 44    | 0     | 13    | 22    | 25    | 72            | 0.19          | 0.30          | 0.34          | 968          | 420           | 358                   |
| 356       | 11    | 0     | 13    | 23    | 25    | 73            | 0.18          | 0.31          | 0.34          | 983          | 420           | 363                   |
| 360       | 9     | 0     | 13    | 23    | 25    | 76            | 0.17          | 0.30          | 0.33          | 991          | 420           | 366                   |
| D611136 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 83        | 3     | 0     | 14    | 19    | 19    | 63            | 0.22          | 0.30          | 0.30          | 859          | 580           | 317                   |
| 86        | 0     | 0     | 13    | 17    | 18    | 61            | 0.22          | 0.28          | 0.29          | 812          | 580           | 300                   |
| 90        | 0     | 0     | 13    | 17    | 18    | 61            | 0.22          | 0.28          | 0.29          | 812          | 580           | 300                   |
| 94        | 0     | 0     | 13    | 17    | 18    | 61            | 0.22          | 0.29          | 0.29          | 815          | 580           | 301                   |
| 97        | 0     | 0     | 13    | 17    | 17    | 56            | 0.24          | 0.30          | 0.30          | 784          | 580           | 290                   |
| 137       | 0     | 0     | 13    | 18    | 18    | 58            | 0.22          | 0.31          | 0.30          | 817          | 560           | 302                   |
| 140       | 0     | 0     | 13    | 20    | 18    | 60            | 0.22          | 0.33          | 0.30          | 844          | 560           | 312                   |
| 144       | 0     | 0     | 13    | 19    | 17    | 55            | 0.24          | 0.34          | 0.30          | 807          | 560           | 298                   |
| 148       | 0     | 0     | 13    | 21    | 19    | 61            | 0.21          | 0.35          | 0.30          | 864          | 560           | 319                   |
| 151       | 0     | 0     | 13    | 20    | 17    | 56            | 0.24          | 0.35          | 0.30          | 819          | 560           | 303                   |
| 155       | 0     | 0     | 14    | 19    | 16    | 53            | 0.26          | 0.35          | 0.31          | 796          | 560           | 294                   |
| 270       | 0     | 0     | 13    | 20    | 19    | 61            | 0.21          | 0.33          | 0.31          | 860          | 400           | 318                   |
| 274       | 0     | 0     | 13    | 20    | 19    | 61            | 0.22          | 0.33          | 0.32          | 868          | 420           | 321                   |
| 277       | 0     | 0     | 13    | 18    | 18    | 56            | 0.23          | 0.32          | 0.31          | 814          | 420           | 301                   |
| 281       | 0     | 0     | 13    | 17    | 17    | 51            | 0.26          | 0.34          | 0.33          | 789          | 420           | 292                   |
| 284       | 0     | 0     | 13    | 17    | 17    | 52            | 0.26          | 0.32          | 0.33          | 782          | 430           | 289                   |
| 288       | 0     | 0     | 11    | 13    | 13    | 41            | 0.27          | 0.33          | 0.32          | 646          | 430           | 239                   |
| 292       | 0     | 0     | 13    | 16    | 17    | 51            | 0.26          | 0.32          | 0.33          | 773          | 440           | 286                   |
| 295       | 0     | 0     | 13    | 17    | 18    | 57            | 0.22          | 0.30          | 0.32          | 823          | 450           | 304                   |
| 299       | 0     | 0     | 13    | 17    | 18    | 54            | 0.24          | 0.31          | 0.33          | 805          | 460           | 298                   |
| 302       | 0     | 0     | 13    | 17    | 17    | 53            | 0.25          | 0.31          | 0.33          | 790          | 460           | 292                   |
| 306       | 0     | 0     | 13    | 17    | 18    | 55            | 0.24          | 0.32          | 0.33          | 814          | 480           | 301                   |
| 310       | 0     | 0     | 13    | 18    | 17    | 55            | 0.24          | 0.32          | 0.32          | 808          | 480           | 299                   |
| 313       | 0     | 0     | 13    | 19    | 19    | 60            | 0.22          | 0.32          | 0.31          | 853          | 500           | 315                   |
| D611142 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 97        | 0     | 0     | 13    | 18    | 22    | 62            | 0.21          | 0.30          | 0.35          | 887          | 220           | 328                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 101       | 3     | 0     | 13    | 21    | 23    | 65            | 0.20          | 0.32          | 0.35          | 925          | 220           | 342                   |
| 104       | 14    | 0     | 13    | 22    | 23    | 65            | 0.20          | 0.33          | 0.35          | 934          | 220           | 345                   |
| 216       | 0     | 0     | 13    | 18    | 21    | 58            | 0.23          | 0.31          | 0.35          | 865          | 460           | 320                   |
| 220       | 0     | 0     | 13    | 18    | 20    | 58            | 0.23          | 0.32          | 0.34          | 858          | 440           | 317                   |
| 223       | 0     | 0     | 14    | 19    | 19    | 56            | 0.24          | 0.34          | 0.34          | 850          | 440           | 314                   |
| 227       | 0     | 0     | 14    | 19    | 18    | 56            | 0.24          | 0.34          | 0.33          | 841          | 440           | 311                   |
| 230       | 0     | 0     | 14    | 21    | 19    | 56            | 0.24          | 0.36          | 0.33          | 858          | 440           | 317                   |
| 234       | 0     | 0     | 14    | 19    | 17    | 52            | 0.26          | 0.37          | 0.32          | 811          | 440           | 300                   |
| 238       | 0     | 0     | 14    | 19    | 17    | 50            | 0.29          | 0.38          | 0.34          | 815          | 440           | 301                   |
| 241       | 0     | 0     | 14    | 19    | 18    | 50            | 0.28          | 0.37          | 0.35          | 825          | 440           | 305                   |
| 245       | 0     | 0     | 15    | 17    | 18    | 54            | 0.27          | 0.32          | 0.32          | 808          | 440           | 299                   |
| D611320 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 180       | 0     | 0     | 14    | 15    | 17    | 51            | 0.27          | 0.30          | 0.33          | 751          | 600           | 278                   |
| 184       | 0     | 0     | 13    | 15    | 16    | 51            | 0.27          | 0.30          | 0.31          | 735          | 600           | 272                   |
| 187       | 0     | 0     | 13    | 15    | 16    | 51            | 0.27          | 0.30          | 0.31          | 738          | 600           | 273                   |
| 238       | 0     | 0     | 14    | 16    | 16    | 46            | 0.30          | 0.35          | 0.34          | 751          | 640           | 278                   |
| 241       | 0     | 0     | 14    | 17    | 17    | 51            | 0.27          | 0.34          | 0.33          | 782          | 620           | 289                   |
| 245       | 0     | 0     | 14    | 18    | 18    | 52            | 0.26          | 0.35          | 0.34          | 817          | 600           | 302                   |
| 248       | 0     | 0     | 14    | 19    | 19    | 60            | 0.23          | 0.32          | 0.32          | 862          | 580           | 319                   |
| 252       | 0     | 0     | 14    | 18    | 18    | 55            | 0.25          | 0.33          | 0.33          | 833          | 580           | 308                   |
| 256       | 0     | 0     | 14    | 21    | 21    | 53            | 0.27          | 0.40          | 0.39          | 901          | 580           | 333                   |
| 259       | 0     | 0     | 14    | 23    | 21    | 53            | 0.27          | 0.44          | 0.40          | 909          | 580           | 336                   |
| 263       | 0     | 0     | 14    | 17    | 17    | 55            | 0.26          | 0.31          | 0.32          | 798          | 580           | 295                   |
| 266       | 0     | 0     | 14    | 16    | 17    | 51            | 0.28          | 0.32          | 0.34          | 785          | 580           | 290                   |
| 270       | 0     | 0     | 14    | 17    | 17    | 51            | 0.27          | 0.33          | 0.32          | 780          | 580           | 288                   |
| 274       | 0     | 0     | 14    | 17    | 16    | 51            | 0.27          | 0.33          | 0.32          | 772          | 600           | 285                   |
| D613217 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 191       | 0     | 0     | 15    | 24    | 24    | 65            | 0.24          | 0.37          | 0.36          | 959          | 580           | 354                   |
| 194       | 0     | 0     | 17    | 25    | 24    | 67            | 0.25          | 0.37          | 0.36          | 964          | 540           | 356                   |
| 198       | 0     | 0     | 17    | 25    | 24    | 67            | 0.25          | 0.38          | 0.36          | 964          | 540           | 356                   |
| 202       | 0     | 0     | 16    | 24    | 24    | 69            | 0.23          | 0.36          | 0.35          | 971          | 540           | 359                   |
| 205       | 0     | 0     | 16    | 24    | 24    | 66            | 0.24          | 0.37          | 0.36          | 961          | 540           | 355                   |
| 209       | 0     | 0     | 15    | 25    | 24    | 67            | 0.23          | 0.37          | 0.36          | 961          | 540           | 355                   |
| 212       | 1     | 0     | 15    | 25    | 24    | 70            | 0.22          | 0.36          | 0.34          | 967          | 520           | 357                   |
| 216       | 0     | 0     | 15    | 25    | 24    | 66            | 0.23          | 0.38          | 0.36          | 964          | 520           | 356                   |
| 220       | 0     | 0     | 16    | 25    | 24    | 68            | 0.23          | 0.37          | 0.36          | 968          | 520           | 358                   |
| 223       | 0     | 0     | 15    | 25    | 25    | 67            | 0.23          | 0.38          | 0.37          | 971          | 520           | 359                   |
| 227       | 0     | 0     | 16    | 25    | 24    | 69            | 0.23          | 0.36          | 0.35          | 972          | 520           | 359                   |
| 230       | 0     | 0     | 15    | 25    | 24    | 67            | 0.23          | 0.38          | 0.36          | 965          | 530           | 357                   |
| 234       | 0     | 0     | 16    | 25    | 24    | 68            | 0.23          | 0.37          | 0.35          | 969          | 530           | 358                   |
| 238       | 0     | 0     | 16    | 26    | 24    | 66            | 0.25          | 0.38          | 0.37          | 965          | 530           | 357                   |
| 241       | 0     | 0     | 18    | 26    | 24    | 66            | 0.27          | 0.39          | 0.36          | 958          | 530           | 354                   |
| 245       | 0     | 0     | 17    | 26    | 24    | 66            | 0.27          | 0.39          | 0.37          | 961          | 530           | 355                   |
| 248       | 0     | 0     | 18    | 25    | 24    | 65            | 0.27          | 0.38          | 0.37          | 958          | 530           | 354                   |
| 252       | 0     | 0     | 17    | 24    | 24    | 66            | 0.26          | 0.36          | 0.37          | 966          | 530           | 357                   |
| 256       | 0     | 0     | 17    | 25    | 24    | 65            | 0.26          | 0.38          | 0.37          | 965          | 530           | 357                   |
| 259       | 0     | 0     | 18    | 26    | 24    | 65            | 0.28          | 0.39          | 0.38          | 965          | 530           | 357                   |
| 263       | 0     | 0     | 18    | 25    | 25    | 66            | 0.27          | 0.38          | 0.38          | 970          | 530           | 358                   |
| 266       | 0     | 0     | 18    | 26    | 25    | 66            | 0.27          | 0.39          | 0.38          | 972          | 530           | 359                   |
| 270       | 0     | 0     | 18    | 25    | 24    | 64            | 0.28          | 0.40          | 0.38          | 961          | 540           | 355                   |
| 274       | 0     | 0     | 18    | 26    | 24    | 63            | 0.28          | 0.41          | 0.38          | 955          | 530           | 353                   |
| 277       | 0     | 0     | 18    | 25    | 23    | 60            | 0.30          | 0.42          | 0.39          | 947          | 540           | 350                   |
| 281       | 0     | 0     | 18    | 26    | 24    | 62            | 0.30          | 0.42          | 0.39          | 956          | 540           | 353                   |
| 284       | 10    | 0     | 16    | 25    | 25    | 67            | 0.24          | 0.37          | 0.37          | 972          | 540           | 359                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 288       | 1     | 0     | 16    | 24    | 24    | 67            | 0.24          | 0.37          | 0.36          | 967          | 540           | 357                   |
| 292       | 0     | 0     | 17    | 25    | 24    | 68            | 0.25          | 0.37          | 0.36          | 969          | 540           | 358                   |
| 295       | 0     | 0     | 18    | 25    | 25    | 67            | 0.26          | 0.37          | 0.37          | 972          | 560           | 359                   |
| 299       | 0     | 0     | 18    | 25    | 24    | 66            | 0.27          | 0.38          | 0.37          | 966          | 560           | 357                   |
| 302       | 0     | 0     | 17    | 24    | 24    | 65            | 0.27          | 0.37          | 0.37          | 966          | 560           | 357                   |
| 306       | 0     | 0     | 17    | 24    | 24    | 66            | 0.25          | 0.37          | 0.37          | 968          | 560           | 358                   |
| 310       | 0     | 0     | 17    | 24    | 25    | 67            | 0.25          | 0.36          | 0.37          | 972          | 550           | 359                   |
| 313       | 0     | 0     | 16    | 24    | 24    | 66            | 0.24          | 0.37          | 0.37          | 966          | 550           | 357                   |
| 317       | 0     | 0     | 17    | 24    | 24    | 66            | 0.25          | 0.37          | 0.37          | 968          | 550           | 358                   |
| 320       | 0     | 0     | 17    | 24    | 24    | 65            | 0.26          | 0.36          | 0.37          | 964          | 540           | 356                   |
| 324       | 0     | 0     | 17    | 24    | 24    | 65            | 0.27          | 0.36          | 0.37          | 961          | 540           | 355                   |
| 328       | 0     | 0     | 18    | 24    | 24    | 65            | 0.27          | 0.37          | 0.38          | 965          | 540           | 357                   |
| 331       | 0     | 0     | 18    | 24    | 25    | 64            | 0.28          | 0.38          | 0.38          | 965          | 540           | 357                   |
| 335       | 0     | 0     | 18    | 24    | 24    | 63            | 0.29          | 0.39          | 0.39          | 963          | 540           | 356                   |
| 338       | 0     | 0     | 19    | 25    | 25    | 62            | 0.30          | 0.39          | 0.39          | 963          | 540           | 356                   |
| 342       | 0     | 0     | 19    | 24    | 24    | 62            | 0.30          | 0.40          | 0.39          | 958          | 540           | 354                   |
| 346       | 0     | 0     | 19    | 25    | 24    | 58            | 0.32          | 0.43          | 0.40          | 949          | 540           | 351                   |
| 349       | 0     | 0     | 18    | 25    | 24    | 61            | 0.30          | 0.40          | 0.40          | 959          | 540           | 354                   |
| 353       | 0     | 0     | 19    | 25    | 25    | 62            | 0.30          | 0.41          | 0.40          | 967          | 540           | 357                   |
| 356       | 0     | 0     | 17    | 24    | 25    | 66            | 0.26          | 0.37          | 0.37          | 971          | 520           | 359                   |
| 360       | 0     | 0     | 16    | 24    | 25    | 65            | 0.25          | 0.36          | 0.38          | 970          | 520           | 358                   |
| E614342 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 90        | 10    | 0     | 12    | 24    | 23    | 67            | 0.18          | 0.35          | 0.34          | 950          | 620           | 351                   |
| 94        | 10    | 0     | 12    | 23    | 23    | 71            | 0.17          | 0.33          | 0.32          | 960          | 680           | 355                   |
| 97        | 11    | 0     | 12    | 23    | 23    | 65            | 0.19          | 0.36          | 0.35          | 945          | 650           | 349                   |
| 101       | 10    | 0     | 12    | 24    | 23    | 65            | 0.19          | 0.36          | 0.35          | 947          | 670           | 350                   |
| 104       | 11    | 0     | 12    | 24    | 23    | 64            | 0.19          | 0.37          | 0.35          | 944          | 640           | 349                   |
| 108       | 10    | 0     | 12    | 24    | 23    | 64            | 0.19          | 0.37          | 0.35          | 942          | 640           | 348                   |
| 112       | 11    | 0     | 13    | 24    | 23    | 64            | 0.20          | 0.37          | 0.35          | 947          | 640           | 350                   |
| 115       | 10    | 0     | 13    | 24    | 23    | 65            | 0.19          | 0.37          | 0.35          | 942          | 630           | 348                   |
| 119       | 11    | 0     | 13    | 24    | 23    | 64            | 0.20          | 0.37          | 0.36          | 946          | 630           | 350                   |
| 122       | 10    | 0     | 12    | 23    | 23    | 65            | 0.19          | 0.36          | 0.35          | 949          | 640           | 351                   |
| 126       | 11    | 0     | 12    | 23    | 23    | 73            | 0.16          | 0.32          | 0.31          | 966          | 610           | 357                   |
| 130       | 10    | 0     | 12    | 23    | 23    | 65            | 0.19          | 0.36          | 0.35          | 942          | 620           | 348                   |
| 133       | 11    | 0     | 13    | 24    | 23    | 65            | 0.20          | 0.36          | 0.35          | 946          | 610           | 350                   |
| 137       | 10    | 0     | 13    | 24    | 23    | 64            | 0.20          | 0.37          | 0.35          | 942          | 610           | 348                   |
| 140       | 11    | 0     | 12    | 23    | 23    | 66            | 0.18          | 0.36          | 0.35          | 951          | 600           | 351                   |
| 144       | 10    | 0     | 12    | 23    | 22    | 66            | 0.18          | 0.35          | 0.34          | 941          | 600           | 348                   |
| 148       | 11    | 0     | 12    | 23    | 23    | 65            | 0.19          | 0.35          | 0.35          | 947          | 600           | 350                   |
| 151       | 10    | 0     | 12    | 23    | 23    | 68            | 0.18          | 0.34          | 0.34          | 954          | 600           | 353                   |
| 155       | 11    | 0     | 11    | 23    | 23    | 69            | 0.17          | 0.33          | 0.33          | 952          | 600           | 352                   |
| 158       | 10    | 0     | 11    | 23    | 23    | 77            | 0.15          | 0.29          | 0.30          | 981          | 600           | 363                   |
| 162       | 11    | 0     | 11    | 22    | 23    | 67            | 0.17          | 0.33          | 0.34          | 949          | 600           | 351                   |
| 166       | 10    | 0     | 12    | 23    | 23    | 66            | 0.18          | 0.34          | 0.35          | 947          | 590           | 350                   |
| 169       | 11    | 0     | 12    | 23    | 23    | 64            | 0.19          | 0.36          | 0.36          | 942          | 580           | 348                   |
| 173       | 10    | 0     | 12    | 23    | 23    | 66            | 0.17          | 0.35          | 0.34          | 947          | 590           | 350                   |
| 176       | 11    | 0     | 11    | 23    | 23    | 66            | 0.17          | 0.35          | 0.34          | 948          | 600           | 350                   |
| 180       | 10    | 0     | 12    | 23    | 23    | 65            | 0.18          | 0.36          | 0.35          | 943          | 600           | 349                   |
| 184       | 11    | 0     | 12    | 24    | 22    | 66            | 0.17          | 0.36          | 0.34          | 945          | 610           | 349                   |
| 187       | 10    | 0     | 12    | 24    | 23    | 68            | 0.17          | 0.35          | 0.33          | 954          | 610           | 353                   |
| 191       | 11    | 0     | 11    | 23    | 23    | 75            | 0.15          | 0.30          | 0.31          | 971          | 610           | 359                   |
| 194       | 10    | 0     | 11    | 22    | 23    | 78            | 0.14          | 0.28          | 0.30          | 978          | 610           | 361                   |
| 198       | 11    | 0     | 11    | 21    | 23    | 80            | 0.13          | 0.26          | 0.29          | 983          | 610           | 363                   |
| 202       | 10    | 0     | 10    | 20    | 24    | 89            | 0.12          | 0.23          | 0.27          | 1005         | 600           | 371                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 205       | 11    | 0     | 11    | 21    | 24    | 88            | 0.12          | 0.23          | 0.27          | 1009         | 600           | 373                   |
| 209       | 10    | 0     | 11    | 20    | 24    | 87            | 0.12          | 0.23          | 0.27          | 998          | 590           | 369                   |
| 212       | 11    | 0     | 10    | 20    | 23    | 81            | 0.13          | 0.25          | 0.28          | 974          | 590           | 360                   |
| 216       | 10    | 0     | 11    | 20    | 24    | 91            | 0.12          | 0.22          | 0.26          | 1013         | 600           | 374                   |
| 220       | 11    | 0     | 10    | 20    | 23    | 87            | 0.12          | 0.23          | 0.27          | 993          | 610           | 367                   |
| 223       | 10    | 0     | 10    | 20    | 24    | 92            | 0.11          | 0.21          | 0.26          | 1011         | 640           | 374                   |
| 227       | 11    | 0     | 10    | 19    | 24    | 90            | 0.11          | 0.21          | 0.26          | 995          | 600           | 368                   |
| 230       | 10    | 0     | 10    | 19    | 24    | 92            | 0.11          | 0.21          | 0.26          | 1000         | 600           | 370                   |
| 234       | 11    | 0     | 10    | 19    | 24    | 93            | 0.11          | 0.21          | 0.26          | 1005         | 590           | 371                   |
| 238       | 10    | 0     | 9     | 19    | 24    | 92            | 0.10          | 0.21          | 0.26          | 1004         | 580           | 371                   |
| 241       | 11    | 0     | 10    | 19    | 24    | 91            | 0.11          | 0.21          | 0.26          | 1003         | 580           | 371                   |
| 245       | 10    | 0     | 10    | 19    | 24    | 93            | 0.11          | 0.21          | 0.26          | 1010         | 590           | 373                   |
| 248       | 11    | 0     | 10    | 20    | 24    | 93            | 0.11          | 0.21          | 0.26          | 1010         | 590           | 373                   |
| 252       | 10    | 0     | 10    | 20    | 23    | 87            | 0.11          | 0.22          | 0.27          | 990          | 600           | 366                   |
| 256       | 11    | 0     | 10    | 20    | 23    | 92            | 0.11          | 0.21          | 0.26          | 1005         | 620           | 371                   |
| 259       | 10    | 0     | 10    | 20    | 24    | 89            | 0.11          | 0.22          | 0.27          | 1002         | 610           | 370                   |
| 263       | 11    | 0     | 10    | 20    | 23    | 87            | 0.12          | 0.23          | 0.27          | 990          | 620           | 366                   |
| 266       | 10    | 0     | 11    | 20    | 23    | 89            | 0.12          | 0.22          | 0.26          | 998          | 620           | 369                   |
| 270       | 11    | 0     | 11    | 19    | 23    | 83            | 0.13          | 0.23          | 0.28          | 972          | 620           | 359                   |
| 274       | 10    | 0     | 11    | 20    | 23    | 79            | 0.14          | 0.25          | 0.29          | 960          | 620           | 355                   |
| 277       | 11    | 0     | 12    | 20    | 23    | 84            | 0.14          | 0.24          | 0.28          | 980          | 620           | 362                   |
| 281       | 10    | 0     | 12    | 20    | 23    | 82            | 0.14          | 0.24          | 0.28          | 977          | 640           | 361                   |
| 284       | 11    | 0     | 12    | 20    | 22    | 72            | 0.17          | 0.28          | 0.31          | 941          | 640           | 348                   |
| 288       | 10    | 0     | 12    | 21    | 23    | 85            | 0.15          | 0.24          | 0.27          | 993          | 640           | 367                   |
| 292       | 11    | 0     | 12    | 20    | 22    | 74            | 0.17          | 0.28          | 0.30          | 947          | 640           | 350                   |
| 295       | 10    | 0     | 13    | 21    | 22    | 66            | 0.20          | 0.32          | 0.33          | 930          | 650           | 344                   |
| 299       | 11    | 0     | 13    | 21    | 22    | 71            | 0.19          | 0.30          | 0.31          | 939          | 650           | 347                   |
| 302       | 10    | 0     | 14    | 21    | 21    | 67            | 0.20          | 0.32          | 0.32          | 926          | 680           | 342                   |
| 306       | 11    | 0     | 12    | 21    | 22    | 64            | 0.19          | 0.33          | 0.35          | 925          | 670           | 342                   |
| 310       | 10    | 0     | 12    | 21    | 22    | 63            | 0.19          | 0.34          | 0.35          | 927          | 660           | 343                   |
| 313       | 11    | 0     | 12    | 21    | 22    | 67            | 0.17          | 0.32          | 0.33          | 935          | 660           | 346                   |
| E614345 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 238       | 10    | 0     | 13    | 24    | 22    | 68            | 0.20          | 0.36          | 0.33          | 947          | 640           | 350                   |
| 241       | 11    | 0     | 12    | 24    | 23    | 76            | 0.16          | 0.32          | 0.30          | 978          | 640           | 361                   |
| 245       | 10    | 0     | 12    | 24    | 23    | 75            | 0.16          | 0.32          | 0.31          | 972          | 640           | 359                   |
| 248       | 11    | 0     | 12    | 23    | 24    | 84            | 0.14          | 0.28          | 0.28          | 1009         | 640           | 373                   |
| 252       | 10    | 0     | 12    | 24    | 23    | 71            | 0.17          | 0.33          | 0.32          | 960          | 640           | 355                   |
| 256       | 11    | 0     | 12    | 23    | 23    | 70            | 0.17          | 0.32          | 0.32          | 953          | 640           | 352                   |
| 259       | 10    | 0     | 12    | 22    | 23    | 77            | 0.16          | 0.29          | 0.30          | 974          | 640           | 360                   |
| 263       | 11    | 0     | 12    | 23    | 22    | 71            | 0.17          | 0.32          | 0.31          | 953          | 640           | 352                   |
| 266       | 10    | 0     | 12    | 23    | 23    | 69            | 0.18          | 0.34          | 0.33          | 953          | 640           | 352                   |
| 270       | 11    | 0     | 12    | 23    | 23    | 69            | 0.17          | 0.34          | 0.33          | 954          | 640           | 353                   |
| 274       | 10    | 0     | 13    | 23    | 23    | 74            | 0.17          | 0.31          | 0.30          | 966          | 640           | 357                   |
| 277       | 11    | 0     | 12    | 24    | 22    | 72            | 0.17          | 0.33          | 0.31          | 955          | 650           | 353                   |
| 281       | 10    | 0     | 13    | 24    | 23    | 83            | 0.15          | 0.29          | 0.27          | 995          | 650           | 368                   |
| 284       | 11    | 0     | 13    | 23    | 23    | 73            | 0.17          | 0.32          | 0.31          | 963          | 650           | 356                   |
| 288       | 10    | 0     | 12    | 23    | 23    | 71            | 0.17          | 0.33          | 0.32          | 959          | 670           | 354                   |
| 292       | 11    | 0     | 12    | 24    | 23    | 75            | 0.16          | 0.32          | 0.30          | 972          | 680           | 359                   |
| 295       | 10    | 0     | 12    | 23    | 23    | 72            | 0.17          | 0.31          | 0.32          | 960          | 700           | 355                   |
| 299       | 11    | 0     | 12    | 23    | 23    | 68            | 0.18          | 0.34          | 0.34          | 954          | 720           | 353                   |
| 302       | 10    | 0     | 13    | 23    | 23    | 77            | 0.16          | 0.30          | 0.30          | 981          | 760           | 363                   |
| 306       | 11    | 0     | 13    | 23    | 23    | 86            | 0.15          | 0.27          | 0.27          | 1013         | 740           | 374                   |
| 310       | 10    | 0     | 13    | 24    | 23    | 80            | 0.16          | 0.29          | 0.29          | 990          | 740           | 366                   |
| 313       | 11    | 0     | 12    | 23    | 24    | 90            | 0.13          | 0.25          | 0.27          | 1028         | 740           | 380                   |

|                                     |    |   |    |    |    | BROAD | 270/  | 370/  | 500/  | EST. | MEAS. | NORM.     |
|-------------------------------------|----|---|----|----|----|-------|-------|-------|-------|------|-------|-----------|
| ANGLE PHASE INCLU 270 K 370 K 500 K |    |   |    |    |    | BAND  | BBAND | BBAND | BBAND | PEEL | PEEL  | EST. PEEL |
| E614350 :                           |    |   |    |    |    |       |       |       |       |      |       |           |
| 238                                 | 10 | 0 | 13 | 24 | 22 | 64    | 0.20  | 0.37  | 0.35  | 939  | 620   | 347       |
| 241                                 | 11 | 0 | 13 | 24 | 22 | 65    | 0.20  | 0.36  | 0.34  | 939  | 630   | 347       |
| 245                                 | 35 | 0 | 13 | 23 | 23 | 63    | 0.20  | 0.37  | 0.36  | 940  | 630   | 347       |
| 248                                 | 0  | 0 | 12 | 20 | 16 | 51    | 0.24  | 0.38  | 0.32  | 801  | 630   | 296       |
| 252                                 | 40 | 0 | 13 | 23 | 22 | 64    | 0.20  | 0.36  | 0.35  | 939  | 630   | 347       |
| 256                                 | 5  | 0 | 13 | 23 | 23 | 63    | 0.21  | 0.37  | 0.36  | 940  | 630   | 347       |
| 259                                 | 10 | 0 | 13 | 23 | 23 | 64    | 0.20  | 0.37  | 0.35  | 941  | 620   | 348       |
| 263                                 | 11 | 0 | 13 | 24 | 23 | 64    | 0.20  | 0.37  | 0.35  | 943  | 620   | 349       |
| 266                                 | 10 | 0 | 13 | 23 | 22 | 65    | 0.20  | 0.36  | 0.35  | 941  | 620   | 348       |
| 270                                 | 11 | 0 | 13 | 23 | 23 | 63    | 0.20  | 0.37  | 0.36  | 945  | 580   | 349       |
| 274                                 | 10 | 0 | 12 | 23 | 23 | 66    | 0.19  | 0.35  | 0.35  | 950  | 580   | 351       |
| 277                                 | 11 | 0 | 12 | 23 | 22 | 66    | 0.19  | 0.35  | 0.34  | 942  | 590   | 348       |
| 281                                 | 10 | 0 | 12 | 23 | 23 | 69    | 0.18  | 0.33  | 0.33  | 955  | 580   | 353       |
| 284                                 | 11 | 0 | 13 | 23 | 22 | 64    | 0.20  | 0.36  | 0.35  | 940  | 580   | 347       |
| 288                                 | 10 | 0 | 12 | 23 | 23 | 69    | 0.18  | 0.33  | 0.33  | 951  | 590   | 351       |
| 292                                 | 11 | 0 | 12 | 23 | 22 | 62    | 0.19  | 0.36  | 0.35  | 927  | 640   | 343       |
| 295                                 | 10 | 0 | 12 | 22 | 22 | 63    | 0.19  | 0.35  | 0.35  | 933  | 610   | 345       |
| 299                                 | 11 | 0 | 12 | 23 | 22 | 65    | 0.19  | 0.35  | 0.34  | 939  | 610   | 347       |
| 302                                 | 10 | 0 | 13 | 22 | 22 | 63    | 0.20  | 0.35  | 0.35  | 936  | 610   | 346       |
| 306                                 | 11 | 0 | 12 | 22 | 22 | 64    | 0.19  | 0.35  | 0.34  | 926  | 610   | 342       |
| E614439 :                           |    |   |    |    |    |       |       |       |       |      |       |           |
| 162                                 | 11 | 0 | 11 | 19 | 22 | 68    | 0.16  | 0.28  | 0.32  | 911  | 430   | 337       |
| 166                                 | 11 | 0 | 11 | 19 | 22 | 74    | 0.15  | 0.26  | 0.30  | 925  | 430   | 342       |
| 169                                 | 11 | 0 | 11 | 19 | 22 | 70    | 0.16  | 0.27  | 0.32  | 915  | 430   | 338       |
| 173                                 | 11 | 0 | 11 | 19 | 22 | 65    | 0.17  | 0.29  | 0.33  | 905  | 440   | 334       |
| 176                                 | 11 | 0 | 11 | 19 | 22 | 70    | 0.16  | 0.27  | 0.31  | 920  | 440   | 340       |
| 180                                 | 11 | 0 | 12 | 19 | 22 | 64    | 0.18  | 0.30  | 0.35  | 902  | 440   | 333       |
| 184                                 | 11 | 0 | 12 | 19 | 22 | 62    | 0.20  | 0.31  | 0.35  | 904  | 440   | 334       |
| 187                                 | 11 | 0 | 12 | 20 | 22 | 63    | 0.19  | 0.31  | 0.34  | 909  | 440   | 336       |
| 191                                 | 11 | 0 | 12 | 19 | 22 | 68    | 0.18  | 0.29  | 0.33  | 920  | 440   | 340       |
| 194                                 | 11 | 0 | 12 | 19 | 22 | 71    | 0.17  | 0.27  | 0.31  | 927  | 440   | 343       |
| 198                                 | 11 | 0 | 12 | 20 | 22 | 72    | 0.16  | 0.28  | 0.31  | 938  | 440   | 347       |
| 202                                 | 11 | 0 | 12 | 20 | 22 | 65    | 0.18  | 0.31  | 0.34  | 925  | 440   | 342       |
| 205                                 | 11 | 0 | 12 | 20 | 23 | 66    | 0.18  | 0.31  | 0.34  | 929  | 440   | 343       |
| 209                                 | 11 | 0 | 12 | 20 | 22 | 68    | 0.18  | 0.30  | 0.33  | 933  | 440   | 345       |
| 212                                 | 11 | 0 | 12 | 20 | 23 | 68    | 0.17  | 0.30  | 0.34  | 935  | 440   | 346       |
| 216                                 | 11 | 0 | 11 | 21 | 22 | 71    | 0.16  | 0.29  | 0.31  | 943  | 440   | 349       |
| 220                                 | 11 | 0 | 10 | 21 | 23 | 77    | 0.14  | 0.27  | 0.30  | 965  | 450   | 357       |
| 223                                 | 11 | 0 | 10 | 21 | 23 | 77    | 0.14  | 0.27  | 0.29  | 962  | 450   | 356       |
| 227                                 | 11 | 0 | 10 | 21 | 22 | 72    | 0.14  | 0.29  | 0.31  | 948  | 450   | 350       |
| 230                                 | 11 | 0 | 10 | 21 | 23 | 81    | 0.13  | 0.26  | 0.28  | 977  | 460   | 361       |
| 234                                 | 11 | 0 | 10 | 20 | 23 | 76    | 0.13  | 0.27  | 0.30  | 956  | 460   | 353       |
| 238                                 | 11 | 0 | 10 | 20 | 23 | 80    | 0.13  | 0.25  | 0.29  | 968  | 450   | 358       |
| 241                                 | 11 | 0 | 10 | 19 | 23 | 80    | 0.12  | 0.24  | 0.29  | 961  | 450   | 355       |
| 245                                 | 11 | 0 | 10 | 19 | 23 | 80    | 0.13  | 0.24  | 0.28  | 955  | 460   | 353       |
| 248                                 | 11 | 0 | 10 | 19 | 23 | 77    | 0.13  | 0.25  | 0.29  | 944  | 460   | 349       |
| E615838 :                           |    |   |    |    |    |       |       |       |       |      |       |           |
| 90                                  | 11 | 0 | 11 | 21 | 21 | 62    | 0.18  | 0.33  | 0.34  | 906  | 380   | 335       |
| 94                                  | 10 | 0 | 11 | 21 | 21 | 62    | 0.19  | 0.34  | 0.34  | 906  | 360   | 335       |
| 97                                  | 11 | 0 | 11 | 21 | 21 | 61    | 0.19  | 0.34  | 0.35  | 905  | 420   | 334       |
| 101                                 | 10 | 0 | 11 | 20 | 21 | 61    | 0.19  | 0.33  | 0.34  | 901  | 430   | 333       |
| 104                                 | 11 | 0 | 11 | 20 | 21 | 61    | 0.19  | 0.33  | 0.35  | 900  | 380   | 333       |
| 108                                 | 17 | 0 | 11 | 20 | 20 | 61    | 0.19  | 0.33  | 0.33  | 885  | 410   | 327       |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 112       | 1     | 0     | 12    | 20    | 19    | 61            | 0.20          | 0.33          | 0.31          | 863          | 390           | 319                   |
| 115       | 22    | 0     | 12    | 21    | 20    | 61            | 0.19          | 0.34          | 0.34          | 891          | 430           | 329                   |
| 119       | 11    | 0     | 11    | 21    | 21    | 66            | 0.17          | 0.32          | 0.33          | 916          | 390           | 339                   |
| 122       | 10    | 0     | 11    | 21    | 22    | 63            | 0.18          | 0.33          | 0.34          | 913          | 400           | 337                   |
| 126       | 8     | 0     | 12    | 21    | 21    | 62            | 0.19          | 0.33          | 0.34          | 908          | 440           | 336                   |
| 130       | 9     | 0     | 12    | 20    | 20    | 60            | 0.20          | 0.33          | 0.33          | 877          | 430           | 324                   |
| 133       | 22    | 0     | 12    | 20    | 21    | 62            | 0.19          | 0.33          | 0.33          | 895          | 380           | 331                   |
| 137       | 10    | 0     | 11    | 21    | 22    | 60            | 0.17          | 0.31          | 0.33          | 918          | 380           | 339                   |
| 140       | 11    | 0     | 10    | 19    | 22    | 74            | 0.14          | 0.26          | 0.30          | 928          | 380           | 343                   |
| 144       | 10    | 0     | 11    | 21    | 21    | 63            | 0.18          | 0.33          | 0.34          | 908          | 380           | 336                   |
| 148       | 11    | 0     | 12    | 21    | 21    | 61            | 0.20          | 0.34          | 0.35          | 909          | 390           | 336                   |
| 151       | 10    | 0     | 12    | 21    | 22    | 66            | 0.18          | 0.32          | 0.33          | 925          | 390           | 342                   |
| 155       | 11    | 0     | 11    | 21    | 21    | 63            | 0.18          | 0.32          | 0.34          | 909          | 390           | 336                   |
| 158       | 10    | 0     | 11    | 21    | 22    | 74            | 0.15          | 0.28          | 0.30          | 940          | 400           | 347                   |
| 162       | 11    | 0     | 12    | 21    | 21    | 61            | 0.19          | 0.34          | 0.34          | 897          | 430           | 332                   |
| 166       | 32    | 0     | 12    | 20    | 20    | 61            | 0.20          | 0.33          | 0.33          | 883          | 390           | 326                   |
| 169       | 11    | 0     | 11    | 20    | 21    | 64            | 0.18          | 0.31          | 0.33          | 901          | 390           | 333                   |
| 173       | 10    | 0     | 10    | 18    | 22    | 77            | 0.13          | 0.24          | 0.29          | 926          | 400           | 342                   |
| 176       | 11    | 0     | 10    | 18    | 22    | 76            | 0.13          | 0.24          | 0.29          | 922          | 420           | 341                   |
| 180       | 10    | 0     | 12    | 20    | 21    | 61            | 0.19          | 0.33          | 0.35          | 900          | 460           | 333                   |
| 184       | 22    | 0     | 12    | 20    | 20    | 60            | 0.20          | 0.33          | 0.33          | 879          | 430           | 325                   |
| 187       | 0     | 0     | 12    | 20    | 20    | 62            | 0.20          | 0.33          | 0.32          | 881          | 450           | 326                   |
| E616009 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 72        | 10    | 0     | 17    | 26    | 25    | 68            | 0.26          | 0.39          | 0.37          | 1815         | 450           | 671                   |
| 76        | 9     | 0     | 17    | 26    | 24    | 68            | 0.26          | 0.38          | 0.36          | 1766         | 440           | 653                   |
| 79        | 9     | 0     | 17    | 27    | 24    | 69            | 0.25          | 0.39          | 0.36          | 1770         | 460           | 654                   |
| 83        | 21    | 0     | 18    | 26    | 25    | 68            | 0.26          | 0.39          | 0.36          | 1803         | 480           | 666                   |
| 86        | 40    | 0     | 17    | 26    | 25    | 68            | 0.25          | 0.39          | 0.37          | 1823         | 460           | 674                   |
| 90        | 10    | 0     | 16    | 27    | 26    | 70            | 0.23          | 0.39          | 0.36          | 1832         | 450           | 677                   |
| 94        | 10    | 0     | 15    | 26    | 25    | 71            | 0.21          | 0.37          | 0.36          | 1810         | 460           | 669                   |
| 97        | 11    | 0     | 16    | 27    | 25    | 69            | 0.23          | 0.38          | 0.36          | 1790         | 440           | 662                   |
| 101       | 9     | 0     | 16    | 27    | 25    | 73            | 0.22          | 0.37          | 0.35          | 1785         | 450           | 660                   |
| 104       | 1     | 0     | 17    | 27    | 26    | 69            | 0.24          | 0.39          | 0.37          | 1846         | 460           | 682                   |
| 108       | 0     | 0     | 19    | 26    | 25    | 69            | 0.27          | 0.38          | 0.37          | 1846         | 470           | 682                   |
| 112       | 19    | 0     | 16    | 25    | 25    | 69            | 0.23          | 0.37          | 0.37          | 1835         | 480           | 678                   |
| 115       | 3     | 0     | 16    | 25    | 26    | 69            | 0.23          | 0.37          | 0.37          | 1873         | 470           | 692                   |
| 119       | 0     | 0     | 18    | 26    | 26    | 69            | 0.26          | 0.37          | 0.37          | 1869         | 460           | 691                   |
| 122       | 11    | 0     | 16    | 26    | 26    | 70            | 0.23          | 0.37          | 0.37          | 1864         | 470           | 689                   |
| 126       | 0     | 0     | 18    | 25    | 25    | 69            | 0.26          | 0.36          | 0.37          | 1840         | 460           | 680                   |
| 130       | 0     | 0     | 18    | 25    | 25    | 68            | 0.27          | 0.37          | 0.37          | 1824         | 450           | 674                   |
| 133       | 0     | 0     | 19    | 25    | 25    | 70            | 0.27          | 0.36          | 0.36          | 1810         | 440           | 669                   |
| 137       | 0     | 0     | 18    | 26    | 25    | 68            | 0.26          | 0.37          | 0.36          | 1790         | 430           | 662                   |
| 140       | 0     | 0     | 19    | 26    | 25    | 69            | 0.27          | 0.38          | 0.37          | 1843         | 430           | 681                   |
| 144       | 1     | 0     | 17    | 25    | 25    | 68            | 0.24          | 0.37          | 0.37          | 1821         | 420           | 673                   |
| 148       | 5     | 0     | 16    | 25    | 25    | 69            | 0.23          | 0.37          | 0.36          | 1814         | 410           | 670                   |
| 151       | 25    | 0     | 16    | 26    | 25    | 69            | 0.23          | 0.37          | 0.36          | 1820         | 410           | 673                   |
| 155       | 11    | 0     | 15    | 25    | 26    | 70            | 0.21          | 0.36          | 0.37          | 1842         | 420           | 681                   |
| 158       | 10    | 0     | 14    | 26    | 25    | 72            | 0.20          | 0.36          | 0.35          | 1809         | 400           | 669                   |
| 162       | 11    | 0     | 13    | 26    | 26    | 72            | 0.18          | 0.36          | 0.36          | 1839         | 410           | 680                   |
| 166       | 10    | 0     | 13    | 24    | 26    | 77            | 0.17          | 0.31          | 0.33          | 1784         | 420           | 659                   |
| 169       | 11    | 0     | 13    | 24    | 25    | 69            | 0.18          | 0.34          | 0.36          | 1811         | 420           | 669                   |
| 173       | 10    | 0     | 12    | 24    | 25    | 73            | 0.16          | 0.33          | 0.34          | 1779         | 420           | 657                   |
| 176       | 11    | 0     | 12    | 24    | 25    | 75            | 0.16          | 0.32          | 0.33          | 1753         | 420           | 648                   |
| 180       | 10    | 0     | 13    | 23    | 24    | 69            | 0.19          | 0.33          | 0.34          | 1701         | 420           | 629                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 184       | 11    | 0     | 13    | 22    | 23    | 66            | 0.19          | 0.34          | 0.34          | 1657         | 420           | 612                   |
| 187       | 10    | 0     | 12    | 22    | 23    | 66            | 0.19          | 0.33          | 0.34          | 1649         | 430           | 609                   |
| 191       | 25    | 0     | 12    | 21    | 22    | 65            | 0.19          | 0.33          | 0.34          | 1598         | 450           | 591                   |
| 194       | 10    | 0     | 13    | 22    | 23    | 68            | 0.19          | 0.32          | 0.34          | 1680         | 480           | 621                   |
| 198       | 11    | 0     | 11    | 22    | 24    | 86            | 0.13          | 0.26          | 0.28          | 1641         | 470           | 606                   |
| 202       | 10    | 0     | 11    | 20    | 24    | 95            | 0.12          | 0.22          | 0.26          | 1611         | 460           | 595                   |
| 205       | 11    | 0     | 11    | 21    | 24    | 87            | 0.13          | 0.24          | 0.27          | 1612         | 450           | 596                   |
| 209       | 10    | 0     | 11    | 21    | 24    | 98            | 0.11          | 0.22          | 0.25          | 1607         | 420           | 594                   |
| 212       | 11    | 0     | 11    | 21    | 25    | 95            | 0.11          | 0.22          | 0.26          | 1620         | 410           | 599                   |
| 216       | 10    | 0     | 11    | 21    | 25    | 98            | 0.11          | 0.22          | 0.25          | 1630         | 420           | 602                   |
| 220       | 11    | 0     | 11    | 21    | 25    | 96            | 0.12          | 0.22          | 0.26          | 1630         | 420           | 602                   |
| 223       | 10    | 0     | 11    | 21    | 25    | 99            | 0.11          | 0.21          | 0.25          | 1638         | 420           | 605                   |
| 227       | 11    | 0     | 10    | 21    | 24    | 96            | 0.11          | 0.21          | 0.25          | 1590         | 410           | 588                   |
| 230       | 10    | 0     | 11    | 21    | 24    | 98            | 0.11          | 0.21          | 0.25          | 1607         | 410           | 594                   |
| 234       | 11    | 0     | 11    | 21    | 24    | 87            | 0.12          | 0.24          | 0.27          | 1589         | 420           | 587                   |
| 238       | 10    | 0     | 11    | 22    | 23    | 75            | 0.14          | 0.29          | 0.30          | 1582         | 460           | 585                   |
| 241       | 11    | 0     | 11    | 22    | 23    | 72            | 0.16          | 0.30          | 0.31          | 1606         | 450           | 594                   |
| 245       | 10    | 0     | 11    | 21    | 22    | 69            | 0.17          | 0.31          | 0.32          | 1569         | 470           | 580                   |
| E616385 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 72        | 0     | 0     | 16    | 23    | 24    | 64            | 0.25          | 0.36          | 0.38          | 951          | 690           | 351                   |
| 76        | 0     | 0     | 16    | 23    | 24    | 65            | 0.24          | 0.35          | 0.37          | 953          | 700           | 352                   |
| 79        | 0     | 0     | 17    | 23    | 24    | 64            | 0.26          | 0.36          | 0.38          | 954          | 670           | 353                   |
| 83        | 0     | 0     | 14    | 22    | 24    | 66            | 0.21          | 0.34          | 0.37          | 955          | 700           | 353                   |
| 86        | 0     | 0     | 15    | 22    | 24    | 65            | 0.23          | 0.34          | 0.37          | 953          | 770           | 352                   |
| 90        | 0     | 0     | 13    | 21    | 24    | 65            | 0.20          | 0.33          | 0.36          | 942          | 710           | 348                   |
| 94        | 0     | 0     | 15    | 22    | 23    | 63            | 0.23          | 0.35          | 0.37          | 943          | 720           | 349                   |
| 97        | 0     | 0     | 14    | 21    | 19    | 57            | 0.24          | 0.37          | 0.34          | 873          | 680           | 323                   |
| 101       | 0     | 0     | 15    | 22    | 22    | 62            | 0.25          | 0.36          | 0.36          | 929          | 660           | 343                   |
| 104       | 0     | 0     | 16    | 22    | 22    | 62            | 0.25          | 0.36          | 0.36          | 924          | 690           | 341                   |
| 108       | 0     | 0     | 17    | 23    | 24    | 62            | 0.27          | 0.37          | 0.38          | 946          | 690           | 350                   |
| 112       | 0     | 0     | 16    | 22    | 24    | 63            | 0.25          | 0.35          | 0.37          | 947          | 660           | 350                   |
| 115       | 0     | 0     | 16    | 23    | 23    | 64            | 0.26          | 0.37          | 0.37          | 946          | 710           | 350                   |
| 119       | 0     | 0     | 17    | 23    | 23    | 61            | 0.28          | 0.38          | 0.37          | 933          | 680           | 345                   |
| 122       | 0     | 0     | 17    | 23    | 23    | 61            | 0.27          | 0.37          | 0.38          | 938          | 730           | 347                   |
| 126       | 0     | 0     | 13    | 15    | 13    | 45            | 0.29          | 0.34          | 0.29          | 676          | 720           | 250                   |
| 130       | 0     | 0     | 14    | 20    | 18    | 56            | 0.24          | 0.36          | 0.32          | 842          | 760           | 311                   |
| 133       | 0     | 0     | 15    | 22    | 20    | 57            | 0.27          | 0.39          | 0.35          | 884          | 830           | 327                   |
| 137       | 0     | 0     | 15    | 22    | 20    | 58            | 0.26          | 0.39          | 0.34          | 882          | 690           | 326                   |
| 140       | 0     | 0     | 15    | 21    | 19    | 58            | 0.26          | 0.37          | 0.33          | 863          | 760           | 319                   |
| 144       | 0     | 0     | 16    | 23    | 23    | 62            | 0.26          | 0.36          | 0.36          | 932          | 720           | 344                   |
| 180       | 10    | 0     | 13    | 22    | 23    | 67            | 0.19          | 0.34          | 0.34          | 943          | 810           | 349                   |
| 184       | 11    | 0     | 13    | 22    | 23    | 68            | 0.19          | 0.33          | 0.33          | 944          | 570           | 349                   |
| 187       | 10    | 0     | 13    | 23    | 23    | 73            | 0.18          | 0.31          | 0.31          | 959          | 600           | 354                   |
| 191       | 44    | 0     | 14    | 23    | 22    | 65            | 0.21          | 0.35          | 0.34          | 936          | 570           | 346                   |
| 194       | 1     | 0     | 14    | 22    | 23    | 64            | 0.22          | 0.34          | 0.36          | 940          | 590           | 347                   |
| 198       | 1     | 0     | 14    | 22    | 23    | 64            | 0.22          | 0.35          | 0.35          | 938          | 620           | 347                   |
| 202       | 1     | 0     | 14    | 23    | 22    | 64            | 0.22          | 0.36          | 0.35          | 932          | 520           | 344                   |
| 205       | 1     | 0     | 14    | 23    | 23    | 66            | 0.21          | 0.35          | 0.35          | 943          | 560           | 349                   |
| 209       | 0     | 0     | 14    | 22    | 23    | 64            | 0.22          | 0.35          | 0.35          | 938          | 560           | 347                   |
| 212       | 2     | 0     | 14    | 22    | 23    | 69            | 0.21          | 0.33          | 0.33          | 951          | 560           | 351                   |
| 216       | 0     | 0     | 13    | 15    | 15    | 45            | 0.28          | 0.34          | 0.32          | 716          | 540           | 265                   |
| 220       | 0     | 0     | 13    | 18    | 18    | 56            | 0.24          | 0.33          | 0.32          | 821          | 550           | 303                   |
| 223       | 0     | 0     | 14    | 22    | 22    | 62            | 0.23          | 0.35          | 0.35          | 920          | 530           | 340                   |
| 227       | 0     | 0     | 14    | 23    | 22    | 66            | 0.21          | 0.35          | 0.34          | 939          | 510           | 347                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 230       | 0     | 0     | 14    | 22    | 23    | 64            | 0.22          | 0.35          | 0.35          | 935          | 490           | 346                   |
| 234       | 0     | 0     | 15    | 22    | 22    | 63            | 0.24          | 0.35          | 0.36          | 933          | 460           | 345                   |
| 238       | 37    | 0     | 13    | 23    | 23    | 66            | 0.20          | 0.35          | 0.34          | 943          | 450           | 349                   |
| 241       | 10    | 0     | 13    | 23    | 23    | 66            | 0.20          | 0.35          | 0.35          | 951          | 470           | 351                   |
| 245       | 11    | 0     | 14    | 22    | 22    | 65            | 0.21          | 0.34          | 0.34          | 932          | 500           | 344                   |
| 248       | 0     | 0     | 13    | 17    | 15    | 47            | 0.27          | 0.36          | 0.31          | 730          | 500           | 270                   |
| 252       | 0     | 0     | 14    | 22    | 23    | 68            | 0.21          | 0.33          | 0.34          | 948          | 500           | 350                   |
| 256       | 1     | 0     | 14    | 22    | 23    | 64            | 0.22          | 0.34          | 0.36          | 937          | 510           | 346                   |
| 259       | 19    | 0     | 14    | 22    | 23    | 66            | 0.21          | 0.34          | 0.34          | 939          | 510           | 347                   |
| 263       | 11    | 0     | 13    | 23    | 23    | 68            | 0.19          | 0.34          | 0.33          | 948          | 520           | 350                   |
| 266       | 39    | 0     | 14    | 22    | 23    | 67            | 0.21          | 0.33          | 0.34          | 944          | 540           | 349                   |
| 270       | 10    | 0     | 14    | 21    | 23    | 67            | 0.20          | 0.32          | 0.35          | 942          | 550           | 348                   |
| 274       | 0     | 0     | 14    | 21    | 23    | 64            | 0.22          | 0.33          | 0.37          | 937          | 540           | 346                   |
| 277       | 0     | 0     | 13    | 17    | 16    | 47            | 0.28          | 0.36          | 0.34          | 777          | 530           | 287                   |
| 281       | 0     | 0     | 14    | 20    | 21    | 59            | 0.23          | 0.33          | 0.35          | 890          | 530           | 329                   |
| 284       | 0     | 0     | 14    | 20    | 23    | 71            | 0.19          | 0.29          | 0.33          | 943          | 540           | 349                   |
| 288       | 0     | 0     | 14    | 21    | 23    | 65            | 0.22          | 0.33          | 0.36          | 939          | 550           | 347                   |
| 292       | 0     | 0     | 15    | 22    | 24    | 65            | 0.22          | 0.34          | 0.37          | 955          | 540           | 353                   |
| 295       | 1     | 0     | 15    | 24    | 25    | 69            | 0.21          | 0.35          | 0.36          | 971          | 530           | 359                   |
| 299       | 0     | 0     | 16    | 24    | 25    | 68            | 0.23          | 0.35          | 0.37          | 973          | 530           | 360                   |
| 302       | 1     | 0     | 16    | 25    | 25    | 71            | 0.23          | 0.35          | 0.35          | 975          | 540           | 360                   |
| 306       | 9     | 0     | 15    | 24    | 25    | 67            | 0.23          | 0.36          | 0.37          | 968          | 550           | 358                   |
| 310       | 0     | 0     | 16    | 23    | 22    | 62            | 0.25          | 0.38          | 0.36          | 932          | 570           | 344                   |
| 313       | 1     | 0     | 16    | 25    | 25    | 68            | 0.23          | 0.36          | 0.37          | 972          | 570           | 359                   |
| E616407 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 47        | 0     | 0     | 11    | 19    | 23    | 63            | 0.18          | 0.31          | 0.37          | 916          | 450           | 339                   |
| 50        | 0     | 0     | 11    | 19    | 23    | 63            | 0.18          | 0.30          | 0.37          | 915          | 510           | 338                   |
| 54        | 0     | 0     | 11    | 19    | 23    | 64            | 0.18          | 0.29          | 0.36          | 908          | 520           | 336                   |
| 58        | 0     | 0     | 11    | 19    | 23    | 63            | 0.18          | 0.30          | 0.36          | 901          | 520           | 333                   |
| 61        | 0     | 0     | 11    | 18    | 22    | 62            | 0.18          | 0.28          | 0.35          | 878          | 520           | 324                   |
| 65        | 0     | 0     | 11    | 18    | 20    | 62            | 0.18          | 0.29          | 0.33          | 865          | 530           | 320                   |
| 68        | 1     | 0     | 11    | 17    | 22    | 63            | 0.17          | 0.27          | 0.35          | 864          | 520           | 319                   |
| 72        | 10    | 0     | 10    | 18    | 22    | 62            | 0.16          | 0.29          | 0.35          | 882          | 520           | 326                   |
| 76        | 11    | 0     | 9     | 20    | 22    | 74            | 0.13          | 0.27          | 0.30          | 939          | 490           | 347                   |
| 79        | 10    | 0     | 9     | 19    | 22    | 63            | 0.15          | 0.30          | 0.35          | 896          | 500           | 331                   |
| 83        | 11    | 0     | 9     | 18    | 22    | 61            | 0.15          | 0.30          | 0.36          | 890          | 570           | 329                   |
| 86        | 10    | 0     | 10    | 18    | 22    | 62            | 0.16          | 0.29          | 0.35          | 886          | 560           | 327                   |
| 90        | 11    | 0     | 10    | 18    | 22    | 62            | 0.16          | 0.29          | 0.35          | 880          | 540           | 325                   |
| 94        | 10    | 0     | 10    | 18    | 22    | 63            | 0.15          | 0.28          | 0.35          | 879          | 570           | 325                   |
| 97        | 11    | 0     | 10    | 18    | 22    | 62            | 0.16          | 0.29          | 0.35          | 887          | 560           | 328                   |
| 101       | 10    | 0     | 10    | 18    | 22    | 62            | 0.16          | 0.29          | 0.36          | 881          | 550           | 326                   |
| 104       | 11    | 0     | 10    | 18    | 22    | 62            | 0.15          | 0.28          | 0.35          | 879          | 570           | 325                   |
| 108       | 10    | 0     | 9     | 18    | 22    | 62            | 0.15          | 0.28          | 0.36          | 880          | 550           | 325                   |
| 112       | 11    | 0     | 9     | 18    | 22    | 62            | 0.15          | 0.30          | 0.36          | 893          | 560           | 330                   |
| 115       | 41    | 0     | 10    | 18    | 22    | 62            | 0.16          | 0.29          | 0.36          | 892          | 550           | 330                   |
| 119       | 42    | 0     | 10    | 19    | 22    | 64            | 0.16          | 0.30          | 0.35          | 910          | 540           | 336                   |
| 122       | 7     | 0     | 11    | 20    | 23    | 63            | 0.17          | 0.32          | 0.36          | 923          | 550           | 341                   |
| 126       | 11    | 0     | 11    | 20    | 23    | 64            | 0.17          | 0.31          | 0.36          | 921          | 540           | 340                   |
| 130       | 10    | 0     | 11    | 20    | 23    | 64            | 0.17          | 0.31          | 0.35          | 915          | 560           | 338                   |
| 133       | 13    | 0     | 11    | 18    | 22    | 64            | 0.17          | 0.28          | 0.35          | 886          | 490           | 327                   |
| 137       | 3     | 0     | 12    | 22    | 23    | 69            | 0.17          | 0.31          | 0.33          | 943          | 490           | 349                   |
| 140       | 0     | 0     | 14    | 22    | 23    | 68            | 0.20          | 0.32          | 0.34          | 946          | 500           | 350                   |
| 144       | 19    | 0     | 13    | 22    | 22    | 62            | 0.21          | 0.35          | 0.35          | 925          | 500           | 342                   |
| 148       | 8     | 0     | 14    | 23    | 22    | 63            | 0.22          | 0.37          | 0.35          | 930          | 500           | 344                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD 270/ 370/ 500/ |       |       |       | EST. | MEAS. | NORM.     |
|-----------|-------|-------|-------|-------|-------|----------------------|-------|-------|-------|------|-------|-----------|
|           |       |       |       |       |       | BAND                 | BBAND | BBAND | BBAND | PEEL | PEEL  | EST. PEEL |
| 151       | 10    | 0     | 13    | 23    | 22    | 69                   | 0.19  | 0.34  | 0.33  | 947  | 490   | 350       |
| 155       | 11    | 0     | 13    | 23    | 22    | 66                   | 0.20  | 0.35  | 0.33  | 932  | 500   | 344       |
| 158       | 10    | 0     | 13    | 23    | 22    | 67                   | 0.20  | 0.34  | 0.34  | 940  | 500   | 347       |
| 162       | 11    | 0     | 13    | 22    | 22    | 69                   | 0.19  | 0.32  | 0.32  | 942  | 490   | 348       |
| 166       | 10    | 0     | 13    | 23    | 22    | 70                   | 0.18  | 0.32  | 0.31  | 942  | 500   | 348       |
| 169       | 11    | 0     | 13    | 23    | 22    | 65                   | 0.21  | 0.35  | 0.34  | 931  | 500   | 344       |
| 173       | 10    | 0     | 14    | 22    | 22    | 71                   | 0.19  | 0.31  | 0.31  | 943  | 490   | 349       |
| 176       | 11    | 0     | 13    | 22    | 22    | 70                   | 0.19  | 0.32  | 0.32  | 946  | 490   | 350       |
| 180       | 10    | 0     | 13    | 22    | 22    | 72                   | 0.18  | 0.30  | 0.30  | 944  | 490   | 349       |
| 184       | 11    | 0     | 12    | 22    | 22    | 80                   | 0.15  | 0.27  | 0.28  | 968  | 490   | 358       |
| 187       | 10    | 0     | 11    | 21    | 22    | 76                   | 0.15  | 0.27  | 0.29  | 948  | 510   | 350       |
| 191       | 11    | 0     | 11    | 20    | 22    | 82                   | 0.14  | 0.25  | 0.27  | 963  | 500   | 356       |
| 194       | 10    | 0     | 11    | 21    | 22    | 83                   | 0.13  | 0.25  | 0.27  | 971  | 480   | 359       |
| 198       | 11    | 0     | 11    | 20    | 22    | 86                   | 0.13  | 0.23  | 0.26  | 976  | 480   | 361       |
| 202       | 10    | 0     | 11    | 19    | 22    | 84                   | 0.13  | 0.23  | 0.27  | 962  | 490   | 356       |
| 205       | 11    | 0     | 11    | 19    | 22    | 85                   | 0.13  | 0.23  | 0.26  | 968  | 490   | 358       |
| 209       | 10    | 0     | 11    | 20    | 22    | 81                   | 0.14  | 0.25  | 0.27  | 954  | 490   | 353       |
| F618387 : |       |       |       |       |       |                      |       |       |       |      |       |           |
| 180       | 33    | 0     | 13    | 22    | 19    | 57                   | 0.22  | 0.39  | 0.33  | 864  | 500   | 319       |
| 184       | 0     | 0     | 12    | 21    | 15    | 53                   | 0.23  | 0.40  | 0.28  | 767  | 490   | 283       |
| 187       | 0     | 0     | 12    | 19    | 13    | 52                   | 0.23  | 0.37  | 0.24  | 699  | 510   | 258       |
| 191       | 0     | 0     | 13    | 21    | 14    | 57                   | 0.22  | 0.36  | 0.25  | 748  | 490   | 276       |
| 194       | 1     | 0     | 12    | 20    | 13    | 55                   | 0.22  | 0.36  | 0.24  | 718  | 500   | 265       |
| 198       | 0     | 0     | 12    | 20    | 12    | 55                   | 0.22  | 0.36  | 0.22  | 697  | 510   | 258       |
| 202       | 0     | 0     | 12    | 20    | 12    | 56                   | 0.21  | 0.35  | 0.22  | 691  | 510   | 255       |
| 205       | 0     | 0     | 13    | 19    | 12    | 54                   | 0.23  | 0.35  | 0.22  | 687  | 510   | 254       |
| 209       | 41    | 0     | 12    | 21    | 20    | 58                   | 0.20  | 0.37  | 0.34  | 883  | 510   | 326       |
| 212       | 11    | 0     | 11    | 21    | 21    | 68                   | 0.16  | 0.31  | 0.31  | 921  | 510   | 340       |
| 216       | 10    | 0     | 11    | 21    | 22    | 81                   | 0.13  | 0.25  | 0.27  | 959  | 500   | 354       |
| 220       | 11    | 0     | 11    | 20    | 22    | 73                   | 0.15  | 0.28  | 0.30  | 937  | 500   | 346       |
| 223       | 10    | 0     | 11    | 21    | 22    | 72                   | 0.15  | 0.29  | 0.30  | 940  | 500   | 347       |
| 227       | 11    | 0     | 11    | 22    | 22    | 77                   | 0.14  | 0.29  | 0.28  | 955  | 510   | 353       |
| 230       | 10    | 0     | 11    | 22    | 22    | 73                   | 0.15  | 0.30  | 0.30  | 946  | 510   | 350       |
| 234       | 11    | 0     | 11    | 22    | 22    | 73                   | 0.15  | 0.30  | 0.30  | 949  | 510   | 351       |
| 238       | 10    | 0     | 11    | 21    | 22    | 79                   | 0.14  | 0.27  | 0.28  | 956  | 510   | 353       |
| 241       | 11    | 0     | 11    | 21    | 22    | 81                   | 0.13  | 0.27  | 0.27  | 970  | 510   | 358       |
| 245       | 10    | 0     | 11    | 21    | 22    | 74                   | 0.15  | 0.29  | 0.30  | 951  | 510   | 351       |
| 248       | 11    | 0     | 11    | 21    | 22    | 85                   | 0.13  | 0.25  | 0.26  | 980  | 510   | 362       |
| 252       | 10    | 0     | 11    | 21    | 22    | 79                   | 0.14  | 0.27  | 0.28  | 960  | 510   | 355       |
| 256       | 11    | 0     | 11    | 20    | 22    | 70                   | 0.16  | 0.29  | 0.31  | 924  | 500   | 341       |
| 259       | 10    | 0     | 11    | 20    | 22    | 78                   | 0.14  | 0.26  | 0.28  | 950  | 500   | 351       |
| 263       | 11    | 0     | 11    | 20    | 22    | 69                   | 0.16  | 0.30  | 0.32  | 923  | 500   | 341       |
| 266       | 10    | 0     | 11    | 21    | 21    | 61                   | 0.18  | 0.34  | 0.35  | 904  | 500   | 334       |
| 270       | 11    | 0     | 11    | 20    | 21    | 69                   | 0.16  | 0.29  | 0.31  | 915  | 500   | 338       |
| 274       | 10    | 0     | 11    | 20    | 22    | 72                   | 0.15  | 0.28  | 0.30  | 924  | 500   | 341       |
| 277       | 11    | 0     | 11    | 19    | 21    | 72                   | 0.15  | 0.27  | 0.30  | 913  | 500   | 337       |
| 281       | 0     | 0     | 12    | 19    | 18    | 61                   | 0.19  | 0.32  | 0.29  | 834  | 500   | 308       |
| 284       | 41    | 0     | 11    | 20    | 21    | 64                   | 0.18  | 0.32  | 0.32  | 898  | 500   | 332       |
| 288       | 10    | 0     | 10    | 19    | 21    | 72                   | 0.14  | 0.27  | 0.30  | 918  | 500   | 339       |
| 292       | 11    | 0     | 10    | 19    | 22    | 87                   | 0.11  | 0.22  | 0.25  | 961  | 510   | 355       |
| 295       | 10    | 0     | 10    | 19    | 22    | 88                   | 0.11  | 0.22  | 0.25  | 968  | 510   | 358       |
| 299       | 11    | 0     | 10    | 19    | 22    | 82                   | 0.12  | 0.23  | 0.27  | 949  | 510   | 351       |
| 302       | 10    | 0     | 10    | 19    | 22    | 86                   | 0.12  | 0.22  | 0.25  | 958  | 510   | 354       |
| 306       | 11    | 0     | 10    | 19    | 22    | 86                   | 0.12  | 0.22  | 0.26  | 956  | 510   | 353       |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| F618409 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 180       | 10    | 0     | 12    | 23    | 23    | 71            | 0.16          | 0.32          | 0.32          | 954          | 510           | 353                   |
| 184       | 10    | 0     | 12    | 23    | 22    | 64            | 0.19          | 0.36          | 0.35          | 935          | 500           | 346                   |
| 187       | 25    | 0     | 13    | 23    | 21    | 61            | 0.21          | 0.37          | 0.35          | 916          | 510           | 339                   |
| 191       | 1     | 0     | 12    | 23    | 22    | 64            | 0.19          | 0.36          | 0.35          | 934          | 510           | 345                   |
| 194       | 10    | 0     | 12    | 22    | 23    | 74            | 0.16          | 0.30          | 0.31          | 960          | 510           | 355                   |
| 198       | 11    | 0     | 12    | 22    | 23    | 75            | 0.16          | 0.29          | 0.30          | 965          | 520           | 357                   |
| 202       | 10    | 0     | 12    | 23    | 22    | 65            | 0.19          | 0.35          | 0.34          | 935          | 520           | 346                   |
| 205       | 11    | 0     | 12    | 23    | 22    | 62            | 0.20          | 0.37          | 0.35          | 926          | 520           | 342                   |
| 209       | 25    | 0     | 12    | 20    | 18    | 54            | 0.22          | 0.36          | 0.34          | 846          | 520           | 313                   |
| 212       | 14    | 0     | 12    | 22    | 21    | 63            | 0.19          | 0.34          | 0.33          | 906          | 510           | 335                   |
| 216       | 10    | 0     | 11    | 23    | 23    | 74            | 0.15          | 0.31          | 0.31          | 968          | 510           | 358                   |
| 220       | 10    | 0     | 11    | 23    | 23    | 77            | 0.15          | 0.30          | 0.30          | 974          | 500           | 360                   |
| 223       | 10    | 0     | 11    | 23    | 23    | 75            | 0.15          | 0.31          | 0.31          | 973          | 490           | 360                   |
| 227       | 11    | 0     | 11    | 23    | 23    | 77            | 0.14          | 0.31          | 0.30          | 975          | 500           | 360                   |
| 230       | 10    | 0     | 11    | 23    | 23    | 83            | 0.13          | 0.28          | 0.28          | 997          | 500           | 368                   |
| 234       | 11    | 0     | 11    | 23    | 23    | 85            | 0.12          | 0.26          | 0.27          | 1002         | 500           | 370                   |
| 238       | 10    | 0     | 11    | 22    | 23    | 78            | 0.14          | 0.29          | 0.29          | 973          | 500           | 360                   |
| 241       | 11    | 0     | 11    | 22    | 23    | 77            | 0.14          | 0.28          | 0.30          | 971          | 510           | 359                   |
| 245       | 10    | 0     | 11    | 22    | 23    | 77            | 0.14          | 0.29          | 0.30          | 968          | 510           | 358                   |
| 248       | 11    | 0     | 11    | 23    | 22    | 68            | 0.16          | 0.34          | 0.33          | 943          | 510           | 349                   |
| 252       | 10    | 0     | 11    | 22    | 23    | 77            | 0.14          | 0.29          | 0.30          | 968          | 510           | 358                   |
| 256       | 11    | 0     | 11    | 22    | 23    | 73            | 0.15          | 0.30          | 0.32          | 957          | 510           | 354                   |
| 259       | 10    | 0     | 11    | 21    | 23    | 83            | 0.13          | 0.25          | 0.28          | 980          | 510           | 362                   |
| 263       | 11    | 0     | 11    | 22    | 23    | 79            | 0.14          | 0.27          | 0.29          | 974          | 510           | 360                   |
| 266       | 10    | 0     | 12    | 23    | 22    | 69            | 0.18          | 0.33          | 0.32          | 944          | 520           | 349                   |
| 270       | 11    | 0     | 11    | 22    | 23    | 82            | 0.13          | 0.26          | 0.28          | 989          | 500           | 366                   |
| 274       | 10    | 0     | 10    | 22    | 22    | 74            | 0.14          | 0.30          | 0.30          | 953          | 490           | 352                   |
| 277       | 11    | 0     | 10    | 22    | 23    | 82            | 0.13          | 0.27          | 0.29          | 988          | 500           | 365                   |
| 281       | 28    | 0     | 11    | 22    | 22    | 71            | 0.16          | 0.31          | 0.31          | 944          | 510           | 349                   |
| 284       | 25    | 0     | 12    | 22    | 22    | 64            | 0.19          | 0.34          | 0.34          | 920          | 530           | 340                   |
| 288       | 10    | 0     | 12    | 22    | 22    | 65            | 0.18          | 0.33          | 0.34          | 928          | 540           | 343                   |
| 292       | 11    | 0     | 12    | 21    | 22    | 63            | 0.19          | 0.34          | 0.35          | 921          | 540           | 340                   |
| 295       | 10    | 0     | 11    | 22    | 22    | 65            | 0.18          | 0.33          | 0.34          | 929          | 540           | 343                   |
| 299       | 11    | 0     | 11    | 22    | 22    | 69            | 0.16          | 0.32          | 0.32          | 940          | 510           | 347                   |
| 302       | 10    | 0     | 12    | 22    | 22    | 63            | 0.18          | 0.35          | 0.35          | 932          | 460           | 344                   |
| 306       | 11    | 0     | 10    | 23    | 23    | 75            | 0.14          | 0.30          | 0.31          | 970          | 390           | 358                   |
| F618597 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 32        | 3     | 0     | 15    | 24    | 24    | 65            | 0.23          | 0.37          | 0.37          | 961          | 400           | 355                   |
| 36        | 0     | 0     | 13    | 16    | 15    | 42            | 0.30          | 0.38          | 0.35          | 741          | 380           | 274                   |
| 40        | 0     | 0     | 15    | 23    | 23    | 64            | 0.24          | 0.36          | 0.37          | 946          | 380           | 350                   |
| 43        | 0     | 0     | 15    | 25    | 25    | 65            | 0.23          | 0.38          | 0.38          | 963          | 380           | 356                   |
| 47        | 0     | 0     | 16    | 23    | 24    | 64            | 0.24          | 0.36          | 0.37          | 952          | 370           | 352                   |
| 50        | 0     | 0     | 16    | 24    | 25    | 65            | 0.24          | 0.37          | 0.38          | 965          | 370           | 357                   |
| 54        | 0     | 0     | 16    | 24    | 25    | 66            | 0.24          | 0.36          | 0.38          | 966          | 370           | 357                   |
| 58        | 0     | 0     | 16    | 24    | 24    | 65            | 0.25          | 0.36          | 0.37          | 961          | 370           | 355                   |
| 61        | 0     | 0     | 16    | 24    | 24    | 64            | 0.25          | 0.37          | 0.38          | 960          | 380           | 355                   |
| 65        | 0     | 0     | 13    | 18    | 18    | 49            | 0.27          | 0.37          | 0.36          | 826          | 380           | 305                   |
| 68        | 0     | 0     | 14    | 21    | 22    | 58            | 0.25          | 0.37          | 0.37          | 910          | 400           | 336                   |
| 72        | 0     | 0     | 15    | 24    | 24    | 67            | 0.23          | 0.36          | 0.36          | 962          | 400           | 356                   |
| 76        | 6     | 0     | 15    | 25    | 25    | 67            | 0.23          | 0.38          | 0.37          | 967          | 400           | 357                   |
| 79        | 1     | 0     | 15    | 24    | 24    | 65            | 0.23          | 0.37          | 0.37          | 960          | 400           | 355                   |
| 83        | 0     | 0     | 15    | 23    | 24    | 64            | 0.24          | 0.36          | 0.37          | 951          | 420           | 351                   |
| 86        | 18    | 0     | 14    | 23    | 24    | 64            | 0.22          | 0.36          | 0.37          | 952          | 520           | 352                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 90        | 11    | 0     | 13    | 24    | 25    | 73            | 0.18          | 0.33          | 0.34          | 984          | 420           | 364                   |
| 94        | 35    | 0     | 13    | 24    | 25    | 71            | 0.19          | 0.33          | 0.36          | 982          | 450           | 363                   |
| 97        | 0     | 0     | 14    | 21    | 19    | 53            | 0.26          | 0.39          | 0.36          | 866          | 420           | 320                   |
| 101       | 4     | 0     | 14    | 24    | 25    | 70            | 0.20          | 0.34          | 0.36          | 978          | 420           | 361                   |
| 104       | 11    | 0     | 13    | 24    | 25    | 77            | 0.17          | 0.31          | 0.32          | 999          | 440           | 369                   |
| 108       | 10    | 0     | 13    | 23    | 24    | 67            | 0.20          | 0.35          | 0.36          | 962          | 470           | 356                   |
| 112       | 9     | 0     | 13    | 23    | 25    | 69            | 0.18          | 0.34          | 0.35          | 969          | 480           | 358                   |
| 115       | 10    | 0     | 12    | 23    | 25    | 70            | 0.17          | 0.33          | 0.35          | 975          | 480           | 360                   |
| 119       | 11    | 0     | 12    | 23    | 24    | 69            | 0.18          | 0.33          | 0.35          | 966          | 490           | 357                   |
| 122       | 10    | 0     | 12    | 23    | 25    | 72            | 0.17          | 0.32          | 0.35          | 975          | 500           | 360                   |
| 126       | 33    | 0     | 13    | 21    | 22    | 62            | 0.21          | 0.34          | 0.35          | 919          | 490           | 340                   |
| 130       | 30    | 0     | 13    | 22    | 24    | 72            | 0.18          | 0.30          | 0.34          | 968          | 520           | 358                   |
| 133       | 1     | 0     | 13    | 22    | 24    | 73            | 0.17          | 0.31          | 0.33          | 969          | 560           | 358                   |
| 137       | 33    | 0     | 13    | 22    | 24    | 72            | 0.18          | 0.31          | 0.34          | 967          | 580           | 357                   |
| 140       | 11    | 0     | 12    | 23    | 25    | 76            | 0.16          | 0.30          | 0.32          | 987          | 600           | 365                   |
| 144       | 10    | 0     | 12    | 23    | 24    | 77            | 0.15          | 0.30          | 0.32          | 987          | 500           | 365                   |
| 148       | 11    | 0     | 11    | 22    | 24    | 79            | 0.14          | 0.28          | 0.31          | 992          | 520           | 367                   |
| 151       | 10    | 0     | 11    | 22    | 24    | 84            | 0.14          | 0.26          | 0.29          | 1004         | 530           | 371                   |
| 155       | 11    | 0     | 11    | 21    | 25    | 83            | 0.14          | 0.26          | 0.30          | 1003         | 520           | 371                   |
| 158       | 10    | 0     | 12    | 22    | 25    | 83            | 0.14          | 0.27          | 0.30          | 1005         | 550           | 371                   |
| 162       | 11    | 0     | 11    | 22    | 24    | 86            | 0.13          | 0.26          | 0.28          | 1015         | 510           | 375                   |
| 166       | 10    | 0     | 11    | 22    | 24    | 81            | 0.14          | 0.27          | 0.30          | 994          | 520           | 367                   |
| 169       | 11    | 0     | 11    | 22    | 24    | 89            | 0.13          | 0.25          | 0.28          | 1025         | 560           | 379                   |
| 173       | 10    | 0     | 12    | 23    | 25    | 81            | 0.15          | 0.28          | 0.31          | 1001         | 560           | 370                   |
| 176       | 10    | 0     | 12    | 23    | 24    | 76            | 0.16          | 0.30          | 0.32          | 986          | 590           | 364                   |
| 180       | 9     | 0     | 12    | 23    | 24    | 75            | 0.15          | 0.30          | 0.32          | 981          | 600           | 363                   |
| F618599 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 43        | 10    | 0     | 11    | 22    | 24    | 78            | 0.14          | 0.29          | 0.31          | 988          | 520           | 365                   |
| 47        | 11    | 0     | 11    | 23    | 24    | 76            | 0.14          | 0.30          | 0.31          | 982          | 620           | 363                   |
| 50        | 9     | 0     | 11    | 23    | 24    | 74            | 0.15          | 0.30          | 0.32          | 977          | 620           | 361                   |
| 54        | 11    | 0     | 11    | 23    | 25    | 81            | 0.14          | 0.29          | 0.31          | 1004         | 590           | 371                   |
| 58        | 10    | 0     | 11    | 23    | 24    | 75            | 0.15          | 0.31          | 0.32          | 984          | 610           | 364                   |
| 61        | 11    | 0     | 12    | 24    | 24    | 73            | 0.16          | 0.33          | 0.33          | 977          | 640           | 361                   |
| 65        | 10    | 0     | 12    | 23    | 24    | 72            | 0.17          | 0.32          | 0.33          | 970          | 680           | 358                   |
| 68        | 11    | 0     | 12    | 23    | 25    | 72            | 0.16          | 0.33          | 0.35          | 982          | 570           | 363                   |
| 72        | 10    | 0     | 12    | 23    | 24    | 68            | 0.18          | 0.34          | 0.35          | 963          | 630           | 356                   |
| 76        | 11    | 0     | 12    | 23    | 24    | 69            | 0.18          | 0.33          | 0.35          | 965          | 570           | 357                   |
| 79        | 10    | 0     | 12    | 23    | 24    | 71            | 0.17          | 0.33          | 0.34          | 973          | 570           | 360                   |
| 83        | 11    | 0     | 12    | 24    | 24    | 70            | 0.17          | 0.34          | 0.35          | 970          | 570           | 358                   |
| 86        | 10    | 0     | 12    | 23    | 24    | 78            | 0.15          | 0.30          | 0.31          | 989          | 570           | 366                   |
| 90        | 11    | 0     | 12    | 23    | 24    | 72            | 0.17          | 0.32          | 0.33          | 975          | 580           | 360                   |
| 94        | 10    | 0     | 12    | 24    | 24    | 70            | 0.17          | 0.34          | 0.35          | 972          | 620           | 359                   |
| 97        | 11    | 0     | 13    | 24    | 25    | 69            | 0.18          | 0.34          | 0.36          | 973          | 630           | 360                   |
| 180       | 10    | 0     | 12    | 23    | 24    | 67            | 0.18          | 0.35          | 0.35          | 955          | 500           | 353                   |
| 184       | 11    | 0     | 12    | 23    | 24    | 74            | 0.16          | 0.31          | 0.32          | 978          | 500           | 361                   |
| 187       | 10    | 0     | 12    | 23    | 24    | 69            | 0.17          | 0.34          | 0.34          | 959          | 510           | 354                   |
| 191       | 11    | 0     | 12    | 23    | 24    | 68            | 0.17          | 0.34          | 0.35          | 962          | 550           | 356                   |
| 194       | 10    | 0     | 12    | 24    | 23    | 71            | 0.17          | 0.33          | 0.33          | 963          | 580           | 356                   |
| 198       | 11    | 0     | 12    | 24    | 24    | 69            | 0.17          | 0.34          | 0.34          | 964          | 650           | 356                   |
| 202       | 10    | 0     | 12    | 23    | 24    | 69            | 0.17          | 0.34          | 0.35          | 962          | 630           | 356                   |
| 205       | 11    | 0     | 12    | 24    | 23    | 70            | 0.17          | 0.34          | 0.33          | 959          | 640           | 354                   |
| 209       | 10    | 0     | 12    | 23    | 23    | 70            | 0.17          | 0.33          | 0.33          | 958          | 500           | 354                   |
| 212       | 11    | 0     | 12    | 23    | 23    | 67            | 0.17          | 0.34          | 0.35          | 953          | 510           | 352                   |
| 216       | 10    | 0     | 12    | 23    | 24    | 72            | 0.16          | 0.32          | 0.33          | 971          | 530           | 359                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 220       | 11    | 0     | 12    | 23    | 24    | 66            | 0.18          | 0.35          | 0.36          | 954          | 540           | 353                   |
| 223       | 43    | 0     | 12    | 23    | 23    | 66            | 0.18          | 0.35          | 0.35          | 947          | 570           | 350                   |
| 227       | 11    | 0     | 12    | 23    | 23    | 73            | 0.16          | 0.32          | 0.32          | 967          | 620           | 357                   |
| 230       | 10    | 0     | 12    | 23    | 23    | 69            | 0.17          | 0.33          | 0.34          | 958          | 620           | 354                   |
| 234       | 11    | 0     | 12    | 23    | 24    | 66            | 0.17          | 0.35          | 0.36          | 955          | 620           | 353                   |
| 238       | 10    | 0     | 12    | 23    | 24    | 70            | 0.17          | 0.33          | 0.34          | 965          | 640           | 357                   |
| 241       | 4     | 0     | 12    | 23    | 23    | 65            | 0.19          | 0.35          | 0.36          | 946          | 630           | 350                   |
| 245       | 10    | 0     | 12    | 23    | 23    | 65            | 0.18          | 0.35          | 0.36          | 947          | 650           | 350                   |
| 248       | 11    | 0     | 11    | 23    | 24    | 75            | 0.15          | 0.30          | 0.32          | 974          | 680           | 360                   |
| 252       | 10    | 0     | 11    | 23    | 23    | 71            | 0.15          | 0.32          | 0.33          | 961          | 620           | 355                   |
| 256       | 9     | 0     | 11    | 22    | 23    | 72            | 0.15          | 0.31          | 0.32          | 963          | 640           | 356                   |
| 259       | 10    | 0     | 11    | 23    | 24    | 74            | 0.15          | 0.30          | 0.32          | 971          | 660           | 359                   |
| 263       | 11    | 0     | 11    | 23    | 23    | 70            | 0.16          | 0.33          | 0.33          | 957          | 620           | 354                   |
| 266       | 10    | 0     | 11    | 23    | 24    | 71            | 0.16          | 0.32          | 0.33          | 965          | 640           | 357                   |
| 270       | 11    | 0     | 11    | 22    | 24    | 72            | 0.16          | 0.31          | 0.33          | 966          | 660           | 357                   |
| 274       | 10    | 0     | 11    | 23    | 24    | 73            | 0.15          | 0.31          | 0.33          | 971          | 550           | 359                   |
| 277       | 11    | 0     | 11    | 22    | 24    | 70            | 0.16          | 0.32          | 0.34          | 960          | 520           | 355                   |
| 281       | 43    | 0     | 11    | 21    | 22    | 71            | 0.15          | 0.29          | 0.31          | 928          | 490           | 343                   |
| 284       | 11    | 0     | 11    | 22    | 24    | 71            | 0.16          | 0.32          | 0.34          | 965          | 460           | 357                   |
| 288       | 10    | 0     | 11    | 22    | 24    | 72            | 0.16          | 0.31          | 0.34          | 968          | 460           | 358                   |
| 292       | 11    | 0     | 11    | 22    | 24    | 75            | 0.15          | 0.30          | 0.32          | 978          | 460           | 361                   |
| 295       | 10    | 0     | 11    | 22    | 24    | 75            | 0.15          | 0.30          | 0.33          | 977          | 460           | 361                   |
| 299       | 11    | 0     | 11    | 22    | 24    | 74            | 0.15          | 0.30          | 0.33          | 973          | 460           | 360                   |
| 302       | 10    | 0     | 11    | 22    | 24    | 80            | 0.14          | 0.27          | 0.30          | 986          | 460           | 364                   |
| 306       | 10    | 0     | 11    | 21    | 24    | 79            | 0.13          | 0.27          | 0.30          | 981          | 460           | 363                   |
| 310       | 10    | 0     | 11    | 21    | 24    | 75            | 0.15          | 0.28          | 0.32          | 968          | 450           | 358                   |
| 313       | 11    | 0     | 11    | 21    | 24    | 82            | 0.13          | 0.26          | 0.29          | 995          | 440           | 368                   |
| 317       | 39    | 0     | 12    | 22    | 23    | 67            | 0.17          | 0.33          | 0.35          | 947          | 420           | 350                   |
| 320       | 3     | 0     | 12    | 22    | 24    | 66            | 0.18          | 0.33          | 0.36          | 947          | 400           | 350                   |
| 324       | 10    | 0     | 12    | 22    | 23    | 66            | 0.18          | 0.34          | 0.35          | 944          | 400           | 349                   |
| 328       | 9     | 0     | 12    | 22    | 23    | 64            | 0.18          | 0.34          | 0.36          | 937          | 400           | 346                   |
| F618648 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 47        | 11    | 0     | 10    | 20    | 24    | 98            | 0.11          | 0.20          | 0.25          | 1032         | 370           | 381                   |
| 50        | 10    | 0     | 10    | 20    | 24    | 98            | 0.10          | 0.21          | 0.25          | 1037         | 450           | 383                   |
| 54        | 11    | 0     | 10    | 20    | 24    | 98            | 0.11          | 0.20          | 0.24          | 1025         | 470           | 379                   |
| 58        | 10    | 0     | 10    | 19    | 24    | 98            | 0.11          | 0.20          | 0.25          | 1025         | 470           | 379                   |
| 61        | 11    | 0     | 11    | 20    | 24    | 94            | 0.11          | 0.21          | 0.25          | 1015         | 460           | 375                   |
| 65        | 10    | 0     | 11    | 20    | 24    | 97            | 0.11          | 0.20          | 0.25          | 1027         | 460           | 380                   |
| 68        | 11    | 0     | 11    | 21    | 24    | 85            | 0.12          | 0.24          | 0.28          | 996          | 500           | 368                   |
| F618886 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 180       | 0     | 0     | 14    | 22    | 24    | 65            | 0.21          | 0.35          | 0.37          | 948          | 500           | 350                   |
| 184       | 3     | 0     | 14    | 23    | 24    | 65            | 0.22          | 0.35          | 0.37          | 953          | 420           | 352                   |
| 187       | 36    | 0     | 14    | 23    | 25    | 67            | 0.21          | 0.35          | 0.37          | 965          | 370           | 357                   |
| 191       | 15    | 0     | 14    | 24    | 24    | 66            | 0.21          | 0.36          | 0.36          | 956          | 360           | 353                   |
| 194       | 37    | 0     | 14    | 25    | 25    | 70            | 0.20          | 0.35          | 0.35          | 974          | 370           | 360                   |
| 198       | 11    | 0     | 13    | 25    | 24    | 68            | 0.20          | 0.37          | 0.36          | 964          | 380           | 356                   |
| 202       | 10    | 0     | 13    | 25    | 25    | 68            | 0.19          | 0.37          | 0.36          | 969          | 390           | 358                   |
| 205       | 11    | 0     | 13    | 25    | 24    | 66            | 0.20          | 0.38          | 0.36          | 958          | 390           | 354                   |
| 209       | 15    | 0     | 13    | 24    | 24    | 65            | 0.20          | 0.37          | 0.37          | 961          | 400           | 355                   |
| 212       | 0     | 0     | 14    | 21    | 22    | 62            | 0.23          | 0.34          | 0.36          | 924          | 400           | 341                   |
| 216       | 0     | 0     | 14    | 22    | 22    | 62            | 0.23          | 0.35          | 0.35          | 920          | 400           | 340                   |
| 220       | 25    | 0     | 13    | 24    | 23    | 64            | 0.21          | 0.37          | 0.37          | 947          | 410           | 350                   |
| 223       | 10    | 0     | 13    | 25    | 24    | 67            | 0.20          | 0.37          | 0.37          | 964          | 400           | 356                   |
| 227       | 11    | 0     | 13    | 25    | 24    | 70            | 0.19          | 0.36          | 0.35          | 972          | 400           | 359                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 230       | 10    | 0     | 14    | 25    | 25    | 67            | 0.21          | 0.38          | 0.37          | 967          | 400           | 357                   |
| 234       | 14    | 0     | 14    | 25    | 25    | 66            | 0.22          | 0.37          | 0.37          | 965          | 400           | 357                   |
| 238       | 18    | 0     | 14    | 24    | 25    | 67            | 0.20          | 0.36          | 0.37          | 968          | 400           | 358                   |
| 241       | 2     | 0     | 14    | 24    | 25    | 72            | 0.19          | 0.33          | 0.34          | 979          | 410           | 362                   |
| 245       | 10    | 0     | 13    | 22    | 24    | 74            | 0.17          | 0.30          | 0.33          | 976          | 410           | 361                   |
| 248       | 11    | 0     | 13    | 22    | 24    | 71            | 0.18          | 0.31          | 0.34          | 968          | 410           | 358                   |
| 252       | 10    | 0     | 13    | 23    | 24    | 68            | 0.19          | 0.33          | 0.35          | 961          | 410           | 355                   |
| 256       | 11    | 0     | 12    | 23    | 24    | 71            | 0.18          | 0.32          | 0.34          | 968          | 410           | 358                   |
| 259       | 10    | 0     | 13    | 23    | 24    | 79            | 0.16          | 0.29          | 0.30          | 993          | 420           | 367                   |
| 263       | 11    | 0     | 12    | 23    | 24    | 73            | 0.17          | 0.32          | 0.34          | 979          | 430           | 362                   |
| 266       | 10    | 0     | 11    | 23    | 24    | 68            | 0.17          | 0.33          | 0.35          | 957          | 440           | 354                   |
| 270       | 11    | 0     | 11    | 22    | 24    | 67            | 0.16          | 0.33          | 0.35          | 950          | 440           | 351                   |
| 274       | 10    | 0     | 11    | 22    | 24    | 70            | 0.16          | 0.32          | 0.35          | 964          | 440           | 356                   |
| 277       | 11    | 0     | 12    | 24    | 24    | 74            | 0.17          | 0.32          | 0.33          | 981          | 450           | 363                   |
| 281       | 10    | 0     | 12    | 23    | 24    | 79            | 0.15          | 0.30          | 0.31          | 996          | 390           | 368                   |
| 284       | 11    | 0     | 12    | 24    | 24    | 74            | 0.17          | 0.32          | 0.33          | 982          | 390           | 363                   |
| 288       | 10    | 0     | 12    | 23    | 24    | 71            | 0.17          | 0.33          | 0.34          | 969          | 400           | 358                   |
| 292       | 11    | 0     | 12    | 22    | 24    | 83            | 0.14          | 0.27          | 0.29          | 1003         | 400           | 371                   |
| 295       | 10    | 0     | 12    | 22    | 24    | 74            | 0.16          | 0.29          | 0.32          | 972          | 400           | 359                   |
| 299       | 11    | 0     | 11    | 21    | 24    | 75            | 0.15          | 0.28          | 0.32          | 965          | 400           | 357                   |
| 302       | 10    | 0     | 11    | 20    | 24    | 79            | 0.14          | 0.25          | 0.30          | 969          | 400           | 358                   |
| 306       | 11    | 0     | 11    | 20    | 24    | 79            | 0.14          | 0.25          | 0.30          | 966          | 400           | 357                   |
| 310       | 10    | 0     | 11    | 20    | 24    | 81            | 0.14          | 0.24          | 0.29          | 968          | 400           | 358                   |
| 313       | 11    | 0     | 11    | 20    | 24    | 81            | 0.14          | 0.25          | 0.29          | 972          | 400           | 359                   |
| 317       | 10    | 0     | 11    | 20    | 23    | 82            | 0.13          | 0.24          | 0.28          | 975          | 400           | 360                   |
| 320       | 11    | 0     | 11    | 21    | 24    | 78            | 0.14          | 0.26          | 0.31          | 973          | 400           | 360                   |
| 324       | 10    | 0     | 11    | 21    | 24    | 75            | 0.15          | 0.28          | 0.32          | 959          | 390           | 354                   |
| 328       | 11    | 0     | 11    | 21    | 23    | 67            | 0.16          | 0.31          | 0.35          | 939          | 390           | 347                   |
| 331       | 10    | 0     | 11    | 21    | 23    | 64            | 0.17          | 0.32          | 0.36          | 933          | 390           | 345                   |
| 335       | 11    | 0     | 11    | 20    | 22    | 64            | 0.18          | 0.31          | 0.35          | 914          | 380           | 338                   |
| 338       | 9     | 0     | 12    | 19    | 22    | 62            | 0.19          | 0.31          | 0.35          | 903          | 380           | 334                   |
| 342       | 11    | 0     | 12    | 19    | 22    | 63            | 0.19          | 0.30          | 0.35          | 906          | 380           | 335                   |
| 346       | 10    | 0     | 11    | 20    | 22    | 65            | 0.18          | 0.31          | 0.35          | 916          | 380           | 339                   |
| 349       | 11    | 0     | 10    | 20    | 24    | 74            | 0.14          | 0.27          | 0.32          | 950          | 380           | 351                   |
| 353       | 10    | 0     | 10    | 19    | 23    | 84            | 0.12          | 0.22          | 0.28          | 960          | 370           | 355                   |
| 356       | 10    | 0     | 11    | 20    | 23    | 85            | 0.12          | 0.23          | 0.27          | 980          | 360           | 362                   |
| 360       | 10    | 0     | 12    | 20    | 23    | 71            | 0.17          | 0.29          | 0.33          | 944          | 350           | 349                   |
| F619860 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 47        | 11    | 0     | 12    | 22    | 23    | 72            | 0.17          | 0.30          | 0.32          | 953          | 430           | 352                   |
| 50        | 10    | 0     | 12    | 22    | 23    | 74            | 0.16          | 0.30          | 0.31          | 963          | 480           | 356                   |
| 54        | 11    | 0     | 12    | 23    | 22    | 68            | 0.18          | 0.33          | 0.32          | 941          | 470           | 348                   |
| 58        | 10    | 0     | 12    | 22    | 22    | 68            | 0.17          | 0.33          | 0.33          | 939          | 490           | 347                   |
| 61        | 11    | 0     | 12    | 22    | 22    | 74            | 0.16          | 0.30          | 0.30          | 958          | 460           | 354                   |
| 65        | 10    | 0     | 12    | 23    | 23    | 74            | 0.16          | 0.31          | 0.31          | 960          | 460           | 355                   |
| 68        | 11    | 0     | 12    | 23    | 22    | 68            | 0.18          | 0.33          | 0.33          | 940          | 460           | 347                   |
| 72        | 10    | 0     | 12    | 23    | 23    | 76            | 0.16          | 0.30          | 0.31          | 978          | 470           | 361                   |
| 76        | 11    | 0     | 12    | 22    | 23    | 74            | 0.16          | 0.30          | 0.30          | 958          | 490           | 354                   |
| 79        | 10    | 0     | 12    | 22    | 23    | 73            | 0.16          | 0.30          | 0.32          | 957          | 530           | 354                   |
| 83        | 11    | 0     | 12    | 22    | 23    | 80            | 0.15          | 0.27          | 0.29          | 980          | 510           | 362                   |
| 86        | 10    | 0     | 12    | 21    | 23    | 77            | 0.15          | 0.27          | 0.30          | 968          | 510           | 358                   |
| 90        | 11    | 0     | 11    | 20    | 23    | 75            | 0.15          | 0.27          | 0.31          | 953          | 510           | 352                   |
| 94        | 10    | 0     | 12    | 20    | 23    | 83            | 0.14          | 0.24          | 0.28          | 975          | 520           | 360                   |
| 97        | 11    | 0     | 12    | 21    | 23    | 80            | 0.15          | 0.26          | 0.29          | 971          | 500           | 359                   |
| 101       | 10    | 0     | 12    | 21    | 23    | 79            | 0.15          | 0.27          | 0.29          | 974          | 530           | 360                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 104       | 11    | 0     | 11    | 20    | 23    | 86            | 0.13          | 0.23          | 0.27          | 986          | 520           | 364                   |
| 108       | 10    | 0     | 11    | 21    | 23    | 80            | 0.14          | 0.26          | 0.29          | 977          | 510           | 361                   |
| 112       | 43    | 0     | 12    | 20    | 20    | 63            | 0.19          | 0.32          | 0.31          | 883          | 510           | 326                   |
| 115       | 1     | 0     | 13    | 21    | 21    | 61            | 0.21          | 0.34          | 0.34          | 897          | 520           | 332                   |
| 119       | 23    | 0     | 13    | 21    | 20    | 62            | 0.21          | 0.33          | 0.33          | 894          | 500           | 330                   |
| 122       | 10    | 0     | 12    | 22    | 23    | 67            | 0.18          | 0.33          | 0.34          | 942          | 510           | 348                   |
| 126       | 11    | 0     | 11    | 22    | 23    | 83            | 0.13          | 0.27          | 0.28          | 996          | 500           | 368                   |
| 130       | 10    | 0     | 12    | 22    | 23    | 77            | 0.15          | 0.29          | 0.30          | 975          | 510           | 360                   |
| 133       | 11    | 0     | 12    | 22    | 24    | 70            | 0.18          | 0.32          | 0.34          | 958          | 500           | 354                   |
| 158       | 10    | 0     | 10    | 19    | 23    | 93            | 0.11          | 0.21          | 0.25          | 1000         | 500           | 370                   |
| 162       | 10    | 0     | 11    | 21    | 22    | 71            | 0.15          | 0.29          | 0.31          | 935          | 500           | 346                   |
| 166       | 10    | 0     | 11    | 20    | 22    | 66            | 0.17          | 0.31          | 0.34          | 921          | 500           | 340                   |
| 169       | 11    | 0     | 11    | 20    | 22    | 68            | 0.17          | 0.30          | 0.33          | 924          | 490           | 341                   |
| 173       | 10    | 0     | 11    | 21    | 23    | 81            | 0.14          | 0.26          | 0.28          | 971          | 490           | 359                   |
| 176       | 11    | 0     | 11    | 20    | 23    | 89            | 0.12          | 0.22          | 0.26          | 991          | 490           | 366                   |
| 180       | 10    | 0     | 11    | 20    | 24    | 94            | 0.12          | 0.21          | 0.25          | 1011         | 480           | 374                   |
| 184       | 11    | 0     | 11    | 20    | 24    | 95            | 0.12          | 0.21          | 0.25          | 1020         | 480           | 377                   |
| 187       | 10    | 0     | 11    | 20    | 23    | 94            | 0.12          | 0.22          | 0.25          | 1016         | 480           | 375                   |
| 191       | 11    | 0     | 11    | 19    | 24    | 95            | 0.11          | 0.20          | 0.25          | 1009         | 470           | 373                   |
| 194       | 10    | 0     | 11    | 20    | 23    | 94            | 0.12          | 0.21          | 0.25          | 1008         | 470           | 373                   |
| 198       | 11    | 0     | 11    | 20    | 23    | 87            | 0.13          | 0.23          | 0.27          | 988          | 460           | 365                   |
| 202       | 10    | 0     | 11    | 20    | 23    | 75            | 0.15          | 0.27          | 0.30          | 951          | 460           | 351                   |
| 205       | 11    | 0     | 11    | 20    | 23    | 80            | 0.14          | 0.25          | 0.29          | 970          | 480           | 358                   |
| 209       | 10    | 0     | 12    | 20    | 23    | 74            | 0.16          | 0.27          | 0.30          | 946          | 510           | 350                   |
| 212       | 11    | 0     | 11    | 20    | 23    | 85            | 0.13          | 0.23          | 0.28          | 981          | 550           | 363                   |
| 216       | 10    | 0     | 11    | 19    | 23    | 89            | 0.13          | 0.21          | 0.26          | 987          | 590           | 365                   |
| 220       | 11    | 0     | 11    | 20    | 23    | 87            | 0.12          | 0.22          | 0.27          | 988          | 590           | 365                   |
| F619925 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 61        | 11    | 0     | 11    | 21    | 24    | 90            | 0.13          | 0.23          | 0.27          | 1014         | 570           | 375                   |
| 65        | 10    | 0     | 11    | 20    | 24    | 94            | 0.12          | 0.22          | 0.25          | 1023         | 580           | 378                   |
| 68        | 11    | 0     | 11    | 22    | 24    | 79            | 0.14          | 0.27          | 0.30          | 981          | 580           | 363                   |
| 72        | 10    | 0     | 11    | 22    | 25    | 91            | 0.13          | 0.24          | 0.27          | 1030         | 600           | 381                   |
| 76        | 10    | 0     | 11    | 22    | 24    | 83            | 0.14          | 0.26          | 0.29          | 999          | 620           | 369                   |
| 79        | 10    | 0     | 11    | 22    | 25    | 81            | 0.14          | 0.28          | 0.31          | 1002         | 600           | 370                   |
| 83        | 11    | 0     | 12    | 21    | 25    | 89            | 0.13          | 0.24          | 0.29          | 1023         | 610           | 378                   |
| 86        | 10    | 0     | 12    | 21    | 26    | 95            | 0.13          | 0.22          | 0.27          | 1045         | 620           | 386                   |
| 90        | 11    | 0     | 11    | 21    | 25    | 93            | 0.12          | 0.22          | 0.27          | 1034         | 620           | 382                   |
| 94        | 10    | 0     | 11    | 23    | 25    | 87            | 0.13          | 0.26          | 0.29          | 1026         | 650           | 379                   |
| 97        | 11    | 0     | 11    | 23    | 25    | 85            | 0.13          | 0.27          | 0.29          | 1014         | 620           | 375                   |
| 101       | 10    | 0     | 12    | 23    | 24    | 77            | 0.15          | 0.30          | 0.31          | 984          | 610           | 364                   |
| 104       | 6     | 0     | 12    | 22    | 23    | 71            | 0.17          | 0.32          | 0.32          | 952          | 600           | 352                   |
| 108       | 10    | 0     | 12    | 23    | 24    | 74            | 0.16          | 0.31          | 0.32          | 973          | 590           | 360                   |
| 112       | 11    | 0     | 12    | 23    | 24    | 73            | 0.16          | 0.32          | 0.32          | 969          | 580           | 358                   |
| 115       | 10    | 0     | 12    | 23    | 23    | 73            | 0.16          | 0.32          | 0.31          | 963          | 590           | 356                   |
| 119       | 11    | 0     | 12    | 23    | 23    | 74            | 0.16          | 0.31          | 0.32          | 971          | 640           | 359                   |
| 122       | 10    | 0     | 11    | 22    | 24    | 84            | 0.13          | 0.26          | 0.28          | 1000         | 630           | 370                   |
| 126       | 11    | 0     | 11    | 21    | 24    | 91            | 0.12          | 0.23          | 0.26          | 1018         | 640           | 376                   |
| 130       | 10    | 0     | 12    | 21    | 24    | 90            | 0.13          | 0.24          | 0.27          | 1019         | 670           | 377                   |
| 133       | 10    | 0     | 11    | 20    | 23    | 81            | 0.14          | 0.25          | 0.29          | 972          | 680           | 359                   |
| 137       | 10    | 0     | 11    | 21    | 24    | 90            | 0.12          | 0.24          | 0.27          | 1020         | 690           | 377                   |
| 140       | 11    | 0     | 11    | 23    | 23    | 78            | 0.14          | 0.29          | 0.30          | 981          | 630           | 363                   |
| 144       | 10    | 0     | 12    | 23    | 23    | 69            | 0.18          | 0.33          | 0.33          | 954          | 530           | 353                   |
| 148       | 11    | 0     | 13    | 23    | 22    | 66            | 0.19          | 0.35          | 0.34          | 936          | 530           | 346                   |
| 151       | 27    | 0     | 14    | 24    | 22    | 65            | 0.21          | 0.37          | 0.34          | 937          | 540           | 346                   |

|           |       |       |       |       |       | BROAD | 270/  | 370/  | 500/  | EST. | MEAS. | NORM.     |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----------|
| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BAND  | BBAND | BBAND | BBAND | PEEL | PEEL  | EST. PEEL |
| 155       | 40    | 0     | 13    | 24    | 24    | 68    | 0.19  | 0.35  | 0.36  | 965  | 540   | 357       |
| 158       | 10    | 0     | 13    | 23    | 22    | 67    | 0.19  | 0.34  | 0.33  | 941  | 520   | 348       |
| 162       | 44    | 0     | 13    | 23    | 22    | 65    | 0.21  | 0.35  | 0.34  | 934  | 510   | 345       |
| 166       | 0     | 0     | 13    | 21    | 20    | 62    | 0.21  | 0.34  | 0.33  | 898  | 520   | 332       |
| 169       | 8     | 0     | 13    | 22    | 23    | 65    | 0.20  | 0.35  | 0.35  | 940  | 540   | 347       |
| 173       | 10    | 0     | 13    | 23    | 23    | 65    | 0.20  | 0.35  | 0.35  | 940  | 540   | 347       |
| 176       | 20    | 0     | 14    | 22    | 20    | 62    | 0.22  | 0.36  | 0.32  | 891  | 540   | 329       |
| 180       | 16    | 0     | 13    | 23    | 22    | 64    | 0.21  | 0.36  | 0.35  | 935  | 540   | 346       |
| 184       | 0     | 0     | 13    | 22    | 22    | 64    | 0.20  | 0.35  | 0.34  | 927  | 540   | 343       |
| 187       | 0     | 0     | 13    | 22    | 23    | 65    | 0.20  | 0.34  | 0.35  | 936  | 540   | 346       |
| 191       | 0     | 0     | 14    | 22    | 21    | 64    | 0.21  | 0.35  | 0.33  | 914  | 540   | 338       |
| 194       | 0     | 0     | 14    | 20    | 18    | 61    | 0.22  | 0.33  | 0.30  | 858  | 580   | 317       |
| 223       | 0     | 0     | 12    | 20    | 17    | 58    | 0.21  | 0.34  | 0.30  | 830  | 570   | 307       |
| 227       | 0     | 0     | 13    | 18    | 17    | 56    | 0.22  | 0.33  | 0.29  | 799  | 560   | 295       |
| 230       | 0     | 0     | 13    | 18    | 15    | 53    | 0.24  | 0.35  | 0.29  | 772  | 560   | 285       |
| 234       | 0     | 0     | 13    | 18    | 17    | 55    | 0.23  | 0.33  | 0.31  | 806  | 560   | 298       |
| 238       | 0     | 0     | 12    | 17    | 16    | 55    | 0.23  | 0.31  | 0.29  | 763  | 560   | 282       |
| 241       | 0     | 0     | 12    | 18    | 16    | 58    | 0.21  | 0.31  | 0.27  | 782  | 560   | 289       |
| 245       | 0     | 0     | 12    | 19    | 17    | 61    | 0.20  | 0.32  | 0.28  | 828  | 560   | 306       |
| 248       | 0     | 0     | 12    | 21    | 19    | 60    | 0.21  | 0.34  | 0.32  | 875  | 560   | 323       |
| 252       | 0     | 0     | 12    | 19    | 18    | 58    | 0.21  | 0.33  | 0.31  | 836  | 560   | 309       |
| 256       | 0     | 0     | 12    | 20    | 20    | 63    | 0.19  | 0.32  | 0.31  | 881  | 560   | 326       |
| 259       | 0     | 0     | 12    | 19    | 18    | 62    | 0.19  | 0.31  | 0.29  | 850  | 540   | 314       |
| 263       | 0     | 0     | 12    | 19    | 16    | 60    | 0.20  | 0.31  | 0.27  | 800  | 550   | 296       |
| 266       | 0     | 0     | 12    | 19    | 17    | 60    | 0.21  | 0.32  | 0.29  | 829  | 550   | 306       |
| 270       | 10    | 0     | 12    | 20    | 20    | 63    | 0.19  | 0.32  | 0.31  | 880  | 550   | 325       |
| 274       | 30    | 0     | 12    | 20    | 20    | 63    | 0.19  | 0.32  | 0.32  | 884  | 550   | 327       |
| 277       | 42    | 0     | 12    | 20    | 21    | 63    | 0.19  | 0.32  | 0.33  | 901  | 550   | 333       |
| 281       | 21    | 0     | 12    | 19    | 18    | 62    | 0.20  | 0.31  | 0.29  | 847  | 550   | 313       |
| 284       | 1     | 0     | 12    | 17    | 18    | 60    | 0.21  | 0.29  | 0.30  | 816  | 560   | 302       |
| 288       | 0     | 0     | 12    | 16    | 14    | 48    | 0.25  | 0.32  | 0.29  | 708  | 560   | 262       |
| 292       | 0     | 0     | 12    | 17    | 16    | 59    | 0.21  | 0.29  | 0.28  | 786  | 560   | 290       |
| 295       | 0     | 0     | 12    | 17    | 16    | 60    | 0.20  | 0.29  | 0.27  | 786  | 550   | 290       |
| 299       | 0     | 0     | 12    | 18    | 17    | 61    | 0.19  | 0.29  | 0.29  | 815  | 520   | 301       |
| 302       | 43    | 0     | 11    | 17    | 18    | 62    | 0.18  | 0.28  | 0.30  | 830  | 510   | 307       |
| 306       | 1     | 0     | 11    | 17    | 16    | 61    | 0.18  | 0.27  | 0.27  | 783  | 510   | 289       |
| 310       | 30    | 0     | 11    | 17    | 16    | 61    | 0.18  | 0.28  | 0.26  | 782  | 460   | 289       |
| F620198 : |       |       |       |       |       |       |       |       |       |      |       |           |
| 43        | 0     | 0     | 13    | 18    | 16    | 53    | 0.24  | 0.33  | 0.31  | 784  | 400   | 290       |
| 47        | 0     | 0     | 14    | 21    | 21    | 63    | 0.23  | 0.33  | 0.33  | 905  | 420   | 334       |
| 50        | 28    | 0     | 14    | 22    | 22    | 66    | 0.21  | 0.34  | 0.33  | 931  | 430   | 344       |
| 54        | 11    | 0     | 13    | 22    | 22    | 70    | 0.19  | 0.31  | 0.31  | 936  | 460   | 346       |
| 58        | 10    | 0     | 13    | 22    | 22    | 66    | 0.20  | 0.33  | 0.33  | 928  | 460   | 343       |
| 61        | 11    | 0     | 12    | 22    | 22    | 68    | 0.18  | 0.33  | 0.33  | 937  | 470   | 346       |
| 65        | 10    | 0     | 11    | 21    | 22    | 68    | 0.17  | 0.30  | 0.31  | 922  | 440   | 341       |
| 68        | 11    | 0     | 12    | 20    | 22    | 68    | 0.18  | 0.30  | 0.31  | 918  | 400   | 339       |
| 72        | 27    | 0     | 13    | 19    | 21    | 62    | 0.20  | 0.31  | 0.34  | 892  | 360   | 330       |
| 76        | 0     | 0     | 13    | 18    | 18    | 58    | 0.22  | 0.31  | 0.31  | 823  | 350   | 304       |
| 79        | 0     | 0     | 13    | 14    | 12    | 40    | 0.32  | 0.35  | 0.29  | 613  | 350   | 227       |
| 83        | 0     | 0     | 13    | 16    | 14    | 45    | 0.28  | 0.36  | 0.32  | 716  | 350   | 265       |
| 86        | 0     | 0     | 13    | 17    | 15    | 51    | 0.25  | 0.32  | 0.29  | 742  | 350   | 274       |
| 90        | 0     | 0     | 13    | 15    | 14    | 46    | 0.27  | 0.34  | 0.31  | 710  | 360   | 262       |
| 115       | 0     | 0     | 13    | 17    | 16    | 57    | 0.23  | 0.29  | 0.29  | 777  | 450   | 287       |
| 119       | 37    | 0     | 12    | 18    | 21    | 62    | 0.20  | 0.30  | 0.33  | 875  | 450   | 323       |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 122       | 10    | 0     | 11    | 20    | 22    | 63            | 0.17          | 0.31          | 0.34          | 904          | 450           | 334                   |
| 126       | 11    | 0     | 11    | 20    | 22    | 65            | 0.17          | 0.30          | 0.33          | 909          | 440           | 336                   |
| 130       | 10    | 0     | 11    | 19    | 22    | 63            | 0.18          | 0.31          | 0.34          | 904          | 440           | 334                   |
| 133       | 11    | 0     | 10    | 18    | 22    | 81            | 0.12          | 0.22          | 0.27          | 929          | 450           | 343                   |
| 137       | 10    | 0     | 10    | 18    | 22    | 77            | 0.13          | 0.23          | 0.28          | 907          | 450           | 335                   |
| 140       | 11    | 0     | 10    | 18    | 21    | 73            | 0.13          | 0.24          | 0.29          | 898          | 460           | 332                   |
| 144       | 10    | 0     | 10    | 18    | 22    | 71            | 0.14          | 0.25          | 0.30          | 904          | 440           | 334                   |
| 148       | 41    | 0     | 11    | 18    | 21    | 62            | 0.18          | 0.30          | 0.34          | 879          | 440           | 325                   |
| 151       | 0     | 0     | 12    | 14    | 13    | 41            | 0.30          | 0.34          | 0.31          | 646          | 440           | 239                   |
| 155       | 1     | 0     | 12    | 17    | 18    | 61            | 0.20          | 0.28          | 0.30          | 818          | 450           | 302                   |
| 158       | 45    | 0     | 11    | 18    | 20    | 60            | 0.19          | 0.30          | 0.34          | 866          | 450           | 320                   |
| 162       | 11    | 0     | 10    | 17    | 21    | 72            | 0.13          | 0.23          | 0.29          | 877          | 450           | 324                   |
| 166       | 10    | 0     | 10    | 17    | 21    | 81            | 0.12          | 0.21          | 0.26          | 902          | 460           | 333                   |
| 169       | 11    | 0     | 10    | 17    | 21    | 77            | 0.13          | 0.22          | 0.27          | 889          | 480           | 329                   |
| 173       | 10    | 0     | 10    | 17    | 21    | 77            | 0.14          | 0.22          | 0.27          | 892          | 490           | 330                   |
| 176       | 11    | 0     | 11    | 17    | 21    | 83            | 0.13          | 0.21          | 0.26          | 918          | 480           | 339                   |
| 180       | 10    | 0     | 11    | 18    | 21    | 77            | 0.14          | 0.24          | 0.27          | 909          | 480           | 336                   |
| 184       | 11    | 0     | 11    | 19    | 21    | 77            | 0.15          | 0.24          | 0.27          | 917          | 470           | 339                   |
| 187       | 43    | 0     | 11    | 18    | 20    | 62            | 0.18          | 0.30          | 0.32          | 866          | 480           | 320                   |
| 191       | 10    | 0     | 11    | 20    | 21    | 72            | 0.15          | 0.28          | 0.29          | 922          | 430           | 341                   |
| 194       | 10    | 0     | 12    | 20    | 21    | 68            | 0.17          | 0.30          | 0.31          | 915          | 390           | 338                   |
| 198       | 11    | 0     | 12    | 20    | 21    | 73            | 0.16          | 0.27          | 0.29          | 926          | 400           | 342                   |
| 202       | 10    | 0     | 12    | 20    | 21    | 68            | 0.18          | 0.30          | 0.31          | 916          | 430           | 339                   |
| 205       | 11    | 0     | 12    | 20    | 21    | 67            | 0.17          | 0.30          | 0.31          | 909          | 460           | 336                   |
| F620444 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 234       | 3     | 0     | 12    | 22    | 22    | 63            | 0.19          | 0.35          | 0.36          | 930          | 420           | 344                   |
| 238       | 3     | 0     | 12    | 22    | 22    | 63            | 0.19          | 0.36          | 0.35          | 924          | 410           | 341                   |
| 241       | 6     | 0     | 12    | 22    | 22    | 63            | 0.20          | 0.35          | 0.35          | 931          | 420           | 344                   |
| 245       | 14    | 0     | 12    | 22    | 20    | 59            | 0.21          | 0.37          | 0.34          | 888          | 420           | 328                   |
| 248       | 0     | 0     | 12    | 21    | 18    | 58            | 0.21          | 0.37          | 0.31          | 839          | 430           | 310                   |
| 252       | 0     | 0     | 12    | 21    | 19    | 60            | 0.20          | 0.35          | 0.31          | 866          | 440           | 320                   |
| 256       | 0     | 0     | 12    | 21    | 21    | 61            | 0.19          | 0.34          | 0.34          | 901          | 450           | 333                   |
| 259       | 2     | 0     | 12    | 22    | 22    | 62            | 0.19          | 0.35          | 0.35          | 919          | 460           | 340                   |
| 263       | 18    | 0     | 12    | 21    | 21    | 63            | 0.19          | 0.34          | 0.34          | 913          | 470           | 337                   |
| 266       | 0     | 0     | 12    | 21    | 21    | 62            | 0.19          | 0.34          | 0.34          | 907          | 480           | 335                   |
| 270       | 1     | 0     | 12    | 21    | 21    | 62            | 0.19          | 0.34          | 0.34          | 903          | 420           | 334                   |
| 274       | 1     | 0     | 12    | 20    | 20    | 61            | 0.19          | 0.33          | 0.33          | 885          | 430           | 327                   |
| 277       | 37    | 0     | 12    | 21    | 20    | 61            | 0.20          | 0.35          | 0.33          | 885          | 440           | 327                   |
| 281       | 10    | 0     | 12    | 22    | 22    | 64            | 0.18          | 0.34          | 0.34          | 924          | 460           | 341                   |
| 284       | 11    | 0     | 12    | 21    | 22    | 63            | 0.18          | 0.34          | 0.35          | 923          | 480           | 341                   |
| 288       | 10    | 0     | 11    | 21    | 22    | 63            | 0.18          | 0.34          | 0.35          | 922          | 510           | 341                   |
| 292       | 10    | 0     | 11    | 21    | 22    | 63            | 0.18          | 0.34          | 0.35          | 920          | 540           | 340                   |
| 295       | 10    | 0     | 11    | 21    | 22    | 63            | 0.18          | 0.34          | 0.35          | 924          | 450           | 341                   |
| 299       | 8     | 0     | 11    | 21    | 22    | 65            | 0.17          | 0.33          | 0.34          | 929          | 450           | 343                   |
| 302       | 0     | 0     | 11    | 21    | 21    | 62            | 0.18          | 0.34          | 0.35          | 913          | 450           | 337                   |
| 306       | 0     | 0     | 12    | 16    | 13    | 44            | 0.29          | 0.37          | 0.31          | 692          | 450           | 256                   |
| 310       | 17    | 0     | 11    | 21    | 21    | 61            | 0.19          | 0.34          | 0.35          | 906          | 450           | 335                   |
| 313       | 11    | 0     | 11    | 21    | 21    | 62            | 0.18          | 0.34          | 0.35          | 912          | 440           | 337                   |
| F620446 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 162       | 1     | 0     | 12    | 18    | 16    | 59            | 0.21          | 0.30          | 0.28          | 790          | 570           | 292                   |
| 166       | 26    | 0     | 12    | 19    | 19    | 62            | 0.20          | 0.31          | 0.31          | 866          | 520           | 320                   |
| 169       | 15    | 0     | 12    | 19    | 20    | 62            | 0.19          | 0.31          | 0.31          | 867          | 540           | 320                   |
| 173       | 0     | 0     | 12    | 19    | 19    | 61            | 0.20          | 0.31          | 0.31          | 856          | 500           | 316                   |
| 176       | 18    | 0     | 12    | 20    | 20    | 63            | 0.19          | 0.31          | 0.32          | 879          | 520           | 325                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD 270/ 370/ 500/ |       |       |       | EST. PEEL | MEAS. PEEL | NORM. EST. PEEL |
|-----------|-------|-------|-------|-------|-------|----------------------|-------|-------|-------|-----------|------------|-----------------|
|           |       |       |       |       |       | BAND                 | BBAND | BBAND | BBAND |           |            |                 |
| 180       | 10    | 0     | 12    | 20    | 20    | 65                   | 0.19  | 0.30  | 0.31  | 884       | 550        | 327             |
| 184       | 17    | 0     | 12    | 20    | 20    | 62                   | 0.19  | 0.31  | 0.32  | 874       | 480        | 323             |
| 187       | 3     | 0     | 12    | 20    | 20    | 62                   | 0.20  | 0.32  | 0.32  | 879       | 500        | 325             |
| 191       | 3     | 0     | 12    | 20    | 19    | 62                   | 0.20  | 0.32  | 0.31  | 868       | 490        | 321             |
| 194       | 3     | 0     | 13    | 20    | 20    | 62                   | 0.21  | 0.33  | 0.32  | 883       | 500        | 326             |
| 198       | 1     | 0     | 13    | 19    | 19    | 61                   | 0.21  | 0.32  | 0.31  | 863       | 520        | 319             |
| 202       | 0     | 0     | 12    | 19    | 19    | 62                   | 0.20  | 0.30  | 0.32  | 862       | 480        | 319             |
| 205       | 5     | 0     | 13    | 20    | 21    | 63                   | 0.21  | 0.32  | 0.33  | 894       | 480        | 330             |
| 209       | 2     | 0     | 13    | 20    | 19    | 62                   | 0.22  | 0.32  | 0.31  | 867       | 480        | 320             |
| 212       | 0     | 0     | 13    | 20    | 20    | 63                   | 0.21  | 0.32  | 0.32  | 886       | 490        | 327             |
| 216       | 40    | 0     | 13    | 21    | 20    | 62                   | 0.21  | 0.33  | 0.32  | 881       | 480        | 326             |
| 220       | 11    | 0     | 14    | 21    | 20    | 63                   | 0.22  | 0.34  | 0.32  | 897       | 480        | 332             |
| 223       | 32    | 0     | 13    | 21    | 20    | 63                   | 0.21  | 0.34  | 0.32  | 895       | 490        | 331             |
| 227       | 6     | 0     | 13    | 21    | 20    | 63                   | 0.21  | 0.33  | 0.32  | 890       | 470        | 329             |
| 230       | 0     | 0     | 13    | 21    | 19    | 62                   | 0.21  | 0.34  | 0.31  | 879       | 470        | 325             |
| 234       | 0     | 0     | 13    | 21    | 18    | 61                   | 0.21  | 0.34  | 0.29  | 847       | 510        | 313             |
| 238       | 0     | 0     | 13    | 20    | 18    | 61                   | 0.21  | 0.33  | 0.30  | 849       | 540        | 314             |
| 241       | 0     | 0     | 13    | 21    | 18    | 62                   | 0.20  | 0.33  | 0.30  | 859       | 460        | 317             |
| 245       | 40    | 0     | 12    | 21    | 20    | 64                   | 0.18  | 0.32  | 0.31  | 894       | 500        | 330             |
| 248       | 45    | 0     | 12    | 20    | 20    | 62                   | 0.19  | 0.32  | 0.32  | 879       | 460        | 325             |
| 252       | 10    | 0     | 11    | 21    | 21    | 63                   | 0.18  | 0.33  | 0.33  | 896       | 470        | 331             |
| 256       | 11    | 0     | 11    | 20    | 21    | 64                   | 0.18  | 0.31  | 0.32  | 893       | 470        | 330             |
| 259       | 10    | 0     | 11    | 20    | 21    | 65                   | 0.17  | 0.30  | 0.32  | 891       | 510        | 329             |
| 263       | 11    | 0     | 11    | 19    | 21    | 67                   | 0.17  | 0.29  | 0.31  | 898       | 500        | 332             |
| 266       | 10    | 0     | 11    | 19    | 21    | 68                   | 0.16  | 0.28  | 0.30  | 895       | 500        | 331             |
| 270       | 11    | 0     | 11    | 19    | 21    | 69                   | 0.16  | 0.27  | 0.30  | 894       | 520        | 330             |
| 274       | 10    | 0     | 12    | 18    | 20    | 62                   | 0.19  | 0.30  | 0.32  | 862       | 520        | 319             |
| F620448 : |       |       |       |       |       |                      |       |       |       |           |            |                 |
| 137       | 10    | 0     | 14    | 22    | 22    | 63                   | 0.22  | 0.35  | 0.35  | 927       | 500        | 343             |
| 140       | 11    | 0     | 13    | 22    | 23    | 63                   | 0.21  | 0.34  | 0.36  | 932       | 500        | 344             |
| 144       | 10    | 0     | 13    | 22    | 22    | 63                   | 0.21  | 0.35  | 0.36  | 930       | 580        | 344             |
| 148       | 7     | 0     | 13    | 22    | 22    | 64                   | 0.21  | 0.35  | 0.35  | 927       | 650        | 343             |
| F620449 : |       |       |       |       |       |                      |       |       |       |           |            |                 |
| 47        | 11    | 0     | 11    | 20    | 22    | 65                   | 0.17  | 0.32  | 0.34  | 919       | 370        | 340             |
| 50        | 10    | 0     | 11    | 21    | 22    | 65                   | 0.16  | 0.31  | 0.34  | 924       | 440        | 341             |
| 54        | 11    | 0     | 11    | 21    | 22    | 71                   | 0.15  | 0.29  | 0.31  | 932       | 440        | 344             |
| 58        | 10    | 0     | 11    | 20    | 22    | 67                   | 0.16  | 0.30  | 0.33  | 923       | 430        | 341             |
| 61        | 11    | 0     | 10    | 21    | 22    | 69                   | 0.15  | 0.30  | 0.32  | 932       | 440        | 344             |
| 65        | 10    | 0     | 10    | 21    | 22    | 66                   | 0.16  | 0.31  | 0.33  | 923       | 500        | 341             |
| 68        | 11    | 0     | 11    | 20    | 22    | 64                   | 0.17  | 0.31  | 0.34  | 908       | 460        | 336             |
| 72        | 10    | 0     | 11    | 21    | 22    | 63                   | 0.17  | 0.33  | 0.35  | 919       | 450        | 340             |
| 76        | 11    | 0     | 11    | 21    | 22    | 64                   | 0.17  | 0.33  | 0.35  | 920       | 420        | 340             |
| 79        | 10    | 0     | 11    | 20    | 22    | 64                   | 0.17  | 0.32  | 0.34  | 914       | 430        | 338             |
| 83        | 10    | 0     | 12    | 18    | 17    | 57                   | 0.21  | 0.31  | 0.30  | 806       | 430        | 298             |
| 86        | 35    | 0     | 11    | 21    | 22    | 63                   | 0.17  | 0.33  | 0.36  | 920       | 440        | 340             |
| 90        | 11    | 0     | 10    | 20    | 22    | 63                   | 0.16  | 0.33  | 0.35  | 915       | 470        | 338             |
| 94        | 10    | 0     | 10    | 20    | 22    | 62                   | 0.17  | 0.31  | 0.35  | 904       | 450        | 334             |
| 97        | 11    | 0     | 10    | 20    | 22    | 63                   | 0.16  | 0.32  | 0.35  | 913       | 440        | 337             |
| 101       | 10    | 0     | 10    | 20    | 22    | 66                   | 0.16  | 0.30  | 0.33  | 909       | 460        | 336             |
| 104       | 11    | 0     | 10    | 20    | 22    | 62                   | 0.16  | 0.32  | 0.36  | 907       | 470        | 335             |
| 108       | 10    | 0     | 10    | 20    | 21    | 64                   | 0.16  | 0.31  | 0.33  | 906       | 490        | 335             |
| 112       | 11    | 0     | 10    | 20    | 21    | 64                   | 0.16  | 0.31  | 0.33  | 902       | 510        | 333             |
| 115       | 10    | 0     | 10    | 20    | 21    | 63                   | 0.15  | 0.32  | 0.34  | 907       | 570        | 335             |
| 119       | 11    | 0     | 10    | 19    | 21    | 63                   | 0.16  | 0.31  | 0.34  | 895       | 580        | 331             |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 122       | 10    | 0     | 10    | 20    | 21    | 61            | 0.17          | 0.32          | 0.35          | 898          | 540           | 332                   |
| 126       | 11    | 0     | 10    | 20    | 21    | 62            | 0.16          | 0.32          | 0.35          | 901          | 530           | 333                   |
| 130       | 10    | 0     | 10    | 20    | 22    | 63            | 0.16          | 0.32          | 0.34          | 908          | 570           | 336                   |
| 133       | 11    | 0     | 10    | 20    | 22    | 68            | 0.14          | 0.29          | 0.32          | 920          | 560           | 340                   |
| 284       | 11    | 0     | 11    | 21    | 21    | 62            | 0.17          | 0.34          | 0.35          | 910          | 400           | 336                   |
| 288       | 10    | 0     | 11    | 21    | 22    | 63            | 0.17          | 0.33          | 0.35          | 916          | 400           | 339                   |
| 292       | 11    | 0     | 11    | 21    | 21    | 63            | 0.17          | 0.34          | 0.34          | 913          | 410           | 337                   |
| 295       | 10    | 0     | 11    | 21    | 22    | 66            | 0.16          | 0.32          | 0.33          | 924          | 460           | 341                   |
| 299       | 11    | 0     | 11    | 21    | 22    | 62            | 0.17          | 0.34          | 0.35          | 915          | 400           | 338                   |
| 302       | 9     | 0     | 11    | 20    | 22    | 62            | 0.17          | 0.33          | 0.35          | 908          | 400           | 336                   |
| 306       | 11    | 0     | 11    | 21    | 22    | 61            | 0.18          | 0.35          | 0.36          | 920          | 400           | 340                   |
| 310       | 10    | 0     | 11    | 21    | 22    | 62            | 0.17          | 0.34          | 0.35          | 913          | 400           | 337                   |
| 313       | 11    | 0     | 11    | 21    | 22    | 62            | 0.17          | 0.35          | 0.36          | 922          | 430           | 341                   |
| 317       | 10    | 0     | 11    | 22    | 22    | 62            | 0.18          | 0.35          | 0.35          | 920          | 400           | 340                   |
| 320       | 10    | 0     | 11    | 21    | 22    | 62            | 0.17          | 0.34          | 0.35          | 919          | 400           | 340                   |
| 324       | 10    | 0     | 11    | 22    | 22    | 63            | 0.17          | 0.34          | 0.35          | 923          | 440           | 341                   |
| 328       | 3     | 0     | 11    | 21    | 22    | 63            | 0.18          | 0.34          | 0.34          | 915          | 450           | 338                   |
| 331       | 2     | 0     | 11    | 22    | 22    | 62            | 0.18          | 0.35          | 0.36          | 924          | 410           | 341                   |
| 335       | 11    | 0     | 11    | 21    | 22    | 63            | 0.17          | 0.34          | 0.35          | 922          | 440           | 341                   |
| 338       | 10    | 0     | 11    | 21    | 22    | 62            | 0.18          | 0.34          | 0.36          | 921          | 430           | 340                   |
| 342       | 11    | 0     | 11    | 21    | 22    | 62            | 0.17          | 0.35          | 0.36          | 922          | 500           | 341                   |
| 346       | 10    | 0     | 11    | 22    | 22    | 62            | 0.17          | 0.35          | 0.35          | 923          | 460           | 341                   |
| F620461 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 40        | 11    | 0     | 11    | 21    | 22    | 62            | 0.19          | 0.34          | 0.35          | 915          | 440           | 338                   |
| 43        | 10    | 0     | 11    | 21    | 22    | 63            | 0.17          | 0.34          | 0.35          | 918          | 450           | 339                   |
| 47        | 11    | 0     | 11    | 21    | 21    | 63            | 0.18          | 0.34          | 0.34          | 910          | 510           | 336                   |
| 50        | 10    | 0     | 11    | 20    | 22    | 67            | 0.16          | 0.30          | 0.32          | 918          | 520           | 339                   |
| 54        | 11    | 0     | 10    | 21    | 22    | 64            | 0.17          | 0.33          | 0.34          | 913          | 500           | 337                   |
| 58        | 10    | 0     | 10    | 21    | 22    | 66            | 0.15          | 0.31          | 0.33          | 918          | 530           | 339                   |
| 61        | 28    | 0     | 11    | 19    | 20    | 61            | 0.18          | 0.32          | 0.33          | 872          | 550           | 322                   |
| 65        | 14    | 0     | 12    | 16    | 15    | 49            | 0.25          | 0.33          | 0.30          | 734          | 480           | 271                   |
| 68        | 11    | 0     | 11    | 20    | 21    | 60            | 0.18          | 0.33          | 0.35          | 892          | 500           | 330                   |
| 72        | 10    | 0     | 11    | 20    | 21    | 61            | 0.18          | 0.33          | 0.34          | 896          | 470           | 331                   |
| 76        | 11    | 0     | 11    | 20    | 21    | 60            | 0.18          | 0.33          | 0.35          | 901          | 520           | 333                   |
| 79        | 10    | 0     | 11    | 20    | 20    | 61            | 0.18          | 0.33          | 0.33          | 891          | 490           | 329                   |
| 83        | 43    | 0     | 11    | 20    | 19    | 60            | 0.18          | 0.34          | 0.33          | 871          | 500           | 322                   |
| 86        | 17    | 0     | 11    | 20    | 20    | 61            | 0.18          | 0.33          | 0.33          | 884          | 500           | 327                   |
| 90        | 11    | 0     | 11    | 20    | 21    | 68            | 0.16          | 0.29          | 0.32          | 912          | 500           | 337                   |
| 94        | 13    | 0     | 12    | 16    | 15    | 50            | 0.24          | 0.32          | 0.29          | 723          | 520           | 267                   |
| 97        | 24    | 0     | 12    | 19    | 20    | 59            | 0.21          | 0.32          | 0.34          | 874          | 510           | 323                   |
| 101       | 10    | 0     | 12    | 20    | 21    | 60            | 0.19          | 0.34          | 0.34          | 890          | 530           | 329                   |
| 104       | 11    | 0     | 10    | 20    | 21    | 64            | 0.16          | 0.31          | 0.33          | 901          | 530           | 333                   |
| 108       | 10    | 0     | 9     | 19    | 22    | 76            | 0.12          | 0.25          | 0.29          | 933          | 600           | 345                   |
| 112       | 11    | 0     | 9     | 19    | 22    | 74            | 0.12          | 0.25          | 0.29          | 914          | 560           | 338                   |
| 115       | 10    | 0     | 9     | 18    | 22    | 83            | 0.11          | 0.22          | 0.26          | 939          | 560           | 347                   |
| 119       | 11    | 0     | 9     | 19    | 22    | 76            | 0.12          | 0.24          | 0.29          | 923          | 530           | 341                   |
| 122       | 10    | 0     | 9     | 19    | 21    | 71            | 0.13          | 0.26          | 0.30          | 906          | 520           | 335                   |
| 126       | 11    | 0     | 9     | 19    | 21    | 65            | 0.14          | 0.29          | 0.32          | 886          | 500           | 327                   |
| 130       | 10    | 0     | 9     | 17    | 22    | 78            | 0.11          | 0.22          | 0.28          | 914          | 520           | 338                   |
| 133       | 11    | 0     | 9     | 17    | 22    | 80            | 0.11          | 0.22          | 0.27          | 919          | 530           | 340                   |
| 137       | 10    | 0     | 9     | 18    | 22    | 78            | 0.11          | 0.23          | 0.28          | 917          | 540           | 339                   |
| 140       | 11    | 0     | 9     | 18    | 22    | 81            | 0.11          | 0.22          | 0.27          | 930          | 500           | 344                   |
| 144       | 10    | 0     | 10    | 18    | 22    | 74            | 0.13          | 0.24          | 0.29          | 910          | 560           | 336                   |
| 148       | 11    | 0     | 10    | 18    | 22    | 83            | 0.12          | 0.22          | 0.26          | 941          | 550           | 348                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 151       | 10    | 0     | 10    | 18    | 22    | 77            | 0.13          | 0.24          | 0.28          | 923          | 560           | 341                   |
| 155       | 15    | 0     | 11    | 19    | 20    | 64            | 0.17          | 0.30          | 0.31          | 875          | 620           | 323                   |
| 158       | 0     | 0     | 12    | 16    | 15    | 50            | 0.25          | 0.32          | 0.30          | 729          | 580           | 269                   |
| 162       | 0     | 0     | 12    | 19    | 18    | 59            | 0.20          | 0.32          | 0.31          | 832          | 650           | 307                   |
| F620462 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 198       | 11    | 0     | 10    | 20    | 22    | 72            | 0.14          | 0.28          | 0.31          | 938          | 440           | 347                   |
| 202       | 10    | 0     | 10    | 20    | 22    | 70            | 0.14          | 0.29          | 0.32          | 935          | 410           | 346                   |
| 205       | 11    | 0     | 10    | 20    | 22    | 70            | 0.14          | 0.29          | 0.31          | 926          | 400           | 342                   |
| 209       | 10    | 0     | 10    | 21    | 22    | 69            | 0.15          | 0.30          | 0.33          | 936          | 410           | 346                   |
| 212       | 11    | 0     | 10    | 21    | 23    | 66            | 0.15          | 0.31          | 0.34          | 930          | 420           | 344                   |
| 216       | 3     | 0     | 11    | 20    | 21    | 64            | 0.18          | 0.32          | 0.33          | 899          | 440           | 332                   |
| 220       | 16    | 0     | 12    | 19    | 18    | 60            | 0.20          | 0.32          | 0.30          | 845          | 440           | 312                   |
| 223       | 9     | 0     | 11    | 21    | 22    | 62            | 0.18          | 0.34          | 0.35          | 921          | 440           | 340                   |
| 227       | 11    | 0     | 10    | 21    | 23    | 70            | 0.15          | 0.30          | 0.32          | 941          | 480           | 348                   |
| 230       | 10    | 0     | 11    | 21    | 23    | 71            | 0.15          | 0.30          | 0.32          | 946          | 430           | 350                   |
| 234       | 11    | 0     | 11    | 22    | 23    | 70            | 0.16          | 0.31          | 0.33          | 950          | 440           | 351                   |
| 238       | 10    | 0     | 11    | 22    | 23    | 73            | 0.15          | 0.30          | 0.32          | 964          | 450           | 356                   |
| 241       | 11    | 0     | 11    | 22    | 23    | 76            | 0.15          | 0.29          | 0.30          | 963          | 460           | 356                   |
| 245       | 10    | 0     | 11    | 22    | 23    | 68            | 0.17          | 0.32          | 0.34          | 941          | 440           | 348                   |
| 248       | 11    | 0     | 12    | 22    | 23    | 81            | 0.14          | 0.27          | 0.29          | 983          | 400           | 363                   |
| 252       | 10    | 0     | 11    | 22    | 23    | 71            | 0.15          | 0.31          | 0.32          | 950          | 420           | 351                   |
| 256       | 11    | 0     | 11    | 22    | 23    | 70            | 0.15          | 0.31          | 0.33          | 948          | 400           | 350                   |
| 259       | 10    | 0     | 11    | 22    | 23    | 75            | 0.15          | 0.29          | 0.31          | 966          | 410           | 357                   |
| 263       | 11    | 0     | 11    | 21    | 23    | 74            | 0.15          | 0.29          | 0.32          | 963          | 430           | 356                   |
| 266       | 10    | 0     | 11    | 22    | 23    | 73            | 0.16          | 0.30          | 0.32          | 959          | 490           | 354                   |
| 270       | 11    | 0     | 11    | 22    | 23    | 74            | 0.15          | 0.29          | 0.31          | 964          | 460           | 356                   |
| 274       | 10    | 0     | 11    | 22    | 23    | 74            | 0.15          | 0.29          | 0.31          | 963          | 400           | 356                   |
| 277       | 11    | 0     | 12    | 22    | 23    | 69            | 0.17          | 0.32          | 0.34          | 952          | 420           | 352                   |
| 281       | 10    | 0     | 11    | 21    | 23    | 80            | 0.14          | 0.26          | 0.29          | 980          | 410           | 362                   |
| 284       | 11    | 0     | 11    | 21    | 23    | 78            | 0.14          | 0.27          | 0.30          | 971          | 430           | 359                   |
| 288       | 10    | 0     | 11    | 22    | 23    | 77            | 0.15          | 0.28          | 0.30          | 970          | 390           | 358                   |
| 292       | 11    | 0     | 11    | 21    | 23    | 79            | 0.14          | 0.27          | 0.29          | 976          | 410           | 361                   |
| 295       | 10    | 0     | 11    | 21    | 23    | 80            | 0.14          | 0.27          | 0.29          | 975          | 430           | 360                   |
| 299       | 11    | 0     | 10    | 21    | 23    | 80            | 0.13          | 0.26          | 0.29          | 976          | 440           | 361                   |
| 302       | 10    | 0     | 11    | 21    | 23    | 82            | 0.13          | 0.26          | 0.28          | 978          | 450           | 361                   |
| 306       | 11    | 0     | 11    | 21    | 23    | 78            | 0.14          | 0.27          | 0.29          | 965          | 450           | 357                   |
| 310       | 10    | 0     | 11    | 21    | 23    | 72            | 0.15          | 0.29          | 0.32          | 948          | 470           | 350                   |
| F620467 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 36        | 0     | 0     | 13    | 22    | 23    | 64            | 0.21          | 0.35          | 0.36          | 939          | 450           | 347                   |
| 40        | 0     | 0     | 13    | 22    | 23    | 62            | 0.21          | 0.35          | 0.36          | 932          | 500           | 344                   |
| 43        | 0     | 0     | 12    | 22    | 22    | 62            | 0.19          | 0.35          | 0.35          | 919          | 620           | 340                   |
| 47        | 0     | 0     | 12    | 20    | 19    | 55            | 0.22          | 0.36          | 0.34          | 860          | 590           | 318                   |
| 50        | 1     | 0     | 12    | 20    | 21    | 59            | 0.21          | 0.35          | 0.36          | 899          | 590           | 332                   |
| 54        | 42    | 0     | 11    | 22    | 23    | 63            | 0.18          | 0.34          | 0.36          | 932          | 580           | 344                   |
| 58        | 18    | 0     | 12    | 22    | 22    | 63            | 0.18          | 0.35          | 0.34          | 918          | 580           | 339                   |
| 61        | 31    | 0     | 11    | 21    | 23    | 62            | 0.18          | 0.34          | 0.36          | 927          | 660           | 343                   |
| 65        | 6     | 0     | 11    | 21    | 22    | 62            | 0.18          | 0.34          | 0.36          | 921          | 540           | 340                   |
| 68        | 11    | 0     | 11    | 22    | 22    | 65            | 0.17          | 0.33          | 0.35          | 930          | 550           | 344                   |
| 72        | 10    | 0     | 11    | 21    | 22    | 64            | 0.17          | 0.33          | 0.35          | 926          | 580           | 342                   |
| 76        | 9     | 0     | 11    | 21    | 22    | 63            | 0.18          | 0.33          | 0.35          | 920          | 500           | 340                   |
| 79        | 10    | 0     | 11    | 21    | 22    | 63            | 0.17          | 0.33          | 0.35          | 918          | 540           | 339                   |
| 83        | 13    | 0     | 11    | 21    | 22    | 63            | 0.18          | 0.33          | 0.35          | 916          | 560           | 339                   |
| 86        | 6     | 0     | 11    | 21    | 21    | 62            | 0.18          | 0.33          | 0.34          | 903          | 560           | 334                   |
| 90        | 35    | 0     | 11    | 21    | 22    | 63            | 0.18          | 0.33          | 0.35          | 915          | 560           | 338                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 94        | 25    | 0     | 11    | 21    | 22    | 62            | 0.18          | 0.34          | 0.35          | 914          | 580           | 338                   |
| 97        | 28    | 0     | 12    | 21    | 22    | 62            | 0.19          | 0.34          | 0.35          | 913          | 540           | 337                   |
| 101       | 10    | 0     | 12    | 22    | 22    | 68            | 0.17          | 0.32          | 0.33          | 935          | 600           | 346                   |
| 104       | 15    | 0     | 12    | 21    | 22    | 64            | 0.19          | 0.33          | 0.35          | 923          | 590           | 341                   |
| 108       | 0     | 0     | 12    | 19    | 21    | 61            | 0.20          | 0.32          | 0.34          | 884          | 530           | 327                   |
| 112       | 0     | 0     | 12    | 21    | 21    | 61            | 0.20          | 0.34          | 0.34          | 899          | 580           | 332                   |
| 187       | 0     | 0     | 13    | 22    | 23    | 62            | 0.21          | 0.35          | 0.36          | 932          | 510           | 344                   |
| 191       | 1     | 0     | 15    | 22    | 24    | 62            | 0.24          | 0.36          | 0.38          | 945          | 520           | 349                   |
| 194       | 0     | 0     | 15    | 24    | 24    | 65            | 0.23          | 0.37          | 0.38          | 958          | 500           | 354                   |
| 198       | 0     | 0     | 14    | 22    | 22    | 58            | 0.24          | 0.38          | 0.38          | 923          | 510           | 341                   |
| 202       | 0     | 0     | 14    | 23    | 24    | 61            | 0.24          | 0.38          | 0.39          | 945          | 480           | 349                   |
| 205       | 5     | 0     | 14    | 23    | 24    | 65            | 0.22          | 0.36          | 0.37          | 955          | 500           | 353                   |
| 209       | 25    | 0     | 13    | 23    | 24    | 67            | 0.20          | 0.35          | 0.36          | 960          | 470           | 355                   |
| 212       | 11    | 0     | 13    | 23    | 24    | 72            | 0.18          | 0.32          | 0.33          | 965          | 480           | 357                   |
| 216       | 10    | 0     | 12    | 22    | 24    | 65            | 0.19          | 0.34          | 0.36          | 948          | 510           | 350                   |
| 220       | 11    | 0     | 11    | 21    | 23    | 66            | 0.17          | 0.32          | 0.36          | 939          | 460           | 347                   |
| 223       | 10    | 0     | 11    | 21    | 23    | 66            | 0.17          | 0.32          | 0.35          | 936          | 460           | 346                   |
| 227       | 36    | 0     | 12    | 20    | 22    | 61            | 0.19          | 0.33          | 0.36          | 908          | 480           | 336                   |
| 230       | 11    | 0     | 11    | 20    | 22    | 62            | 0.18          | 0.32          | 0.35          | 908          | 500           | 336                   |
| 234       | 11    | 0     | 11    | 21    | 23    | 65            | 0.17          | 0.32          | 0.35          | 929          | 530           | 343                   |
| 238       | 10    | 0     | 10    | 21    | 23    | 68            | 0.15          | 0.30          | 0.33          | 937          | 550           | 346                   |
| F620470 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 83        | 6     | 0     | 12    | 22    | 22    | 63            | 0.19          | 0.35          | 0.34          | 919          | 730           | 340                   |
| 86        | 7     | 0     | 11    | 22    | 22    | 63            | 0.18          | 0.34          | 0.34          | 917          | 650           | 339                   |
| 90        | 11    | 0     | 11    | 21    | 22    | 63            | 0.18          | 0.34          | 0.35          | 918          | 620           | 339                   |
| 94        | 10    | 0     | 11    | 22    | 22    | 64            | 0.17          | 0.34          | 0.34          | 925          | 600           | 342                   |
| 97        | 11    | 0     | 11    | 22    | 22    | 63            | 0.18          | 0.34          | 0.35          | 925          | 600           | 342                   |
| 101       | 10    | 0     | 11    | 22    | 22    | 63            | 0.18          | 0.35          | 0.35          | 926          | 570           | 342                   |
| 104       | 11    | 0     | 11    | 22    | 22    | 64            | 0.18          | 0.34          | 0.34          | 926          | 580           | 342                   |
| 108       | 10    | 0     | 12    | 21    | 22    | 65            | 0.18          | 0.33          | 0.33          | 922          | 580           | 341                   |
| 112       | 4     | 0     | 11    | 20    | 19    | 58            | 0.20          | 0.34          | 0.33          | 859          | 610           | 317                   |
| 115       | 35    | 0     | 12    | 19    | 19    | 57            | 0.21          | 0.34          | 0.33          | 849          | 610           | 314                   |
| 119       | 11    | 0     | 12    | 22    | 22    | 64            | 0.18          | 0.34          | 0.34          | 924          | 630           | 341                   |
| 122       | 10    | 0     | 12    | 21    | 22    | 62            | 0.19          | 0.35          | 0.35          | 915          | 680           | 338                   |
| 126       | 22    | 0     | 11    | 21    | 21    | 62            | 0.18          | 0.34          | 0.35          | 911          | 690           | 337                   |
| 130       | 0     | 0     | 12    | 20    | 19    | 60            | 0.19          | 0.33          | 0.32          | 864          | 670           | 319                   |
| 133       | 24    | 0     | 12    | 20    | 21    | 60            | 0.20          | 0.34          | 0.34          | 894          | 620           | 330                   |
| 137       | 10    | 0     | 12    | 21    | 22    | 63            | 0.19          | 0.33          | 0.35          | 918          | 540           | 339                   |
| 140       | 10    | 0     | 12    | 22    | 21    | 64            | 0.19          | 0.34          | 0.33          | 909          | 550           | 336                   |
| 144       | 10    | 0     | 12    | 21    | 21    | 61            | 0.19          | 0.34          | 0.35          | 905          | 610           | 334                   |
| 148       | 38    | 0     | 12    | 18    | 18    | 55            | 0.22          | 0.33          | 0.32          | 820          | 540           | 303                   |
| 151       | 0     | 0     | 12    | 17    | 15    | 48            | 0.25          | 0.35          | 0.30          | 732          | 560           | 271                   |
| 155       | 43    | 0     | 11    | 21    | 20    | 61            | 0.18          | 0.34          | 0.32          | 880          | 540           | 325                   |
| 158       | 15    | 0     | 11    | 20    | 20    | 61            | 0.18          | 0.33          | 0.32          | 881          | 550           | 326                   |
| 162       | 0     | 0     | 12    | 19    | 19    | 59            | 0.20          | 0.32          | 0.32          | 850          | 600           | 314                   |
| 166       | 24    | 0     | 11    | 20    | 21    | 61            | 0.19          | 0.33          | 0.35          | 898          | 630           | 332                   |
| 169       | 4     | 0     | 11    | 21    | 20    | 62            | 0.19          | 0.34          | 0.32          | 887          | 690           | 328                   |
| 173       | 10    | 0     | 11    | 21    | 22    | 68            | 0.16          | 0.32          | 0.32          | 925          | 680           | 342                   |
| 176       | 11    | 0     | 11    | 21    | 22    | 63            | 0.17          | 0.33          | 0.34          | 915          | 610           | 338                   |
| 180       | 10    | 0     | 10    | 21    | 21    | 63            | 0.16          | 0.33          | 0.34          | 909          | 640           | 336                   |
| 184       | 21    | 0     | 11    | 19    | 20    | 60            | 0.18          | 0.32          | 0.33          | 868          | 600           | 321                   |
| 187       | 18    | 0     | 12    | 17    | 16    | 53            | 0.22          | 0.32          | 0.31          | 774          | 600           | 286                   |
| 191       | 11    | 0     | 11    | 20    | 21    | 61            | 0.18          | 0.33          | 0.34          | 897          | 620           | 332                   |
| 194       | 10    | 0     | 11    | 20    | 21    | 61            | 0.18          | 0.33          | 0.35          | 899          | 590           | 332                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 198       | 9     | 0     | 11    | 20    | 20    | 61            | 0.18          | 0.33          | 0.34          | 888          | 610           | 328                   |
| 202       | 9     | 0     | 11    | 20    | 21    | 63            | 0.18          | 0.31          | 0.33          | 890          | 580           | 329                   |
| 205       | 11    | 0     | 11    | 21    | 21    | 65            | 0.17          | 0.32          | 0.33          | 914          | 590           | 338                   |
| 209       | 10    | 0     | 11    | 21    | 21    | 64            | 0.17          | 0.33          | 0.34          | 913          | 580           | 337                   |
| 212       | 11    | 0     | 11    | 21    | 22    | 63            | 0.17          | 0.33          | 0.35          | 917          | 580           | 339                   |
| 216       | 10    | 0     | 11    | 21    | 22    | 65            | 0.17          | 0.32          | 0.33          | 918          | 580           | 339                   |
| 220       | 3     | 0     | 11    | 21    | 22    | 64            | 0.17          | 0.32          | 0.33          | 913          | 600           | 337                   |
| 223       | 12    | 0     | 12    | 17    | 16    | 54            | 0.22          | 0.32          | 0.30          | 769          | 570           | 284                   |
| 227       | 11    | 0     | 11    | 20    | 21    | 63            | 0.17          | 0.32          | 0.34          | 898          | 560           | 332                   |
| 230       | 10    | 0     | 11    | 20    | 21    | 65            | 0.17          | 0.31          | 0.33          | 908          | 570           | 336                   |
| 234       | 3     | 0     | 11    | 19    | 21    | 62            | 0.18          | 0.31          | 0.33          | 888          | 560           | 328                   |
| 238       | 19    | 0     | 11    | 20    | 20    | 61            | 0.18          | 0.32          | 0.33          | 888          | 560           | 328                   |
| 241       | 11    | 0     | 11    | 20    | 21    | 63            | 0.17          | 0.32          | 0.34          | 902          | 550           | 333                   |
| 245       | 10    | 0     | 10    | 21    | 22    | 66            | 0.15          | 0.31          | 0.33          | 921          | 560           | 340                   |
| 248       | 11    | 0     | 10    | 21    | 22    | 71            | 0.14          | 0.29          | 0.31          | 935          | 560           | 346                   |
| 252       | 10    | 0     | 10    | 20    | 22    | 72            | 0.14          | 0.28          | 0.31          | 929          | 560           | 343                   |
| 256       | 11    | 0     | 10    | 20    | 22    | 68            | 0.15          | 0.29          | 0.32          | 918          | 560           | 339                   |
| 259       | 45    | 0     | 11    | 19    | 19    | 61            | 0.18          | 0.32          | 0.32          | 864          | 550           | 319                   |
| 263       | 11    | 0     | 10    | 19    | 22    | 71            | 0.14          | 0.27          | 0.31          | 921          | 560           | 340                   |
| 266       | 10    | 0     | 10    | 19    | 22    | 67            | 0.15          | 0.29          | 0.33          | 909          | 540           | 336                   |
| 270       | 10    | 0     | 10    | 20    | 22    | 77            | 0.13          | 0.25          | 0.29          | 940          | 520           | 347                   |
| 274       | 10    | 0     | 10    | 20    | 22    | 74            | 0.13          | 0.27          | 0.30          | 934          | 540           | 345                   |
| 277       | 11    | 0     | 10    | 20    | 22    | 70            | 0.14          | 0.28          | 0.31          | 923          | 560           | 341                   |
| 281       | 10    | 0     | 10    | 20    | 22    | 74            | 0.14          | 0.27          | 0.30          | 937          | 580           | 346                   |
| 284       | 11    | 0     | 10    | 20    | 22    | 70            | 0.14          | 0.29          | 0.31          | 928          | 580           | 343                   |
| 288       | 10    | 0     | 10    | 20    | 22    | 72            | 0.14          | 0.28          | 0.31          | 937          | 570           | 346                   |
| 292       | 11    | 0     | 10    | 20    | 22    | 74            | 0.13          | 0.27          | 0.29          | 938          | 570           | 347                   |
| F620727 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 223       | 3     | 0     | 13    | 22    | 23    | 64            | 0.21          | 0.34          | 0.36          | 940          | 540           | 347                   |
| 227       | 10    | 0     | 13    | 22    | 23    | 64            | 0.21          | 0.34          | 0.35          | 934          | 540           | 345                   |
| 230       | 10    | 0     | 13    | 22    | 23    | 67            | 0.19          | 0.32          | 0.34          | 942          | 540           | 348                   |
| 234       | 11    | 0     | 13    | 22    | 23    | 65            | 0.19          | 0.34          | 0.35          | 938          | 560           | 347                   |
| 238       | 10    | 0     | 12    | 22    | 23    | 66            | 0.19          | 0.33          | 0.34          | 935          | 580           | 346                   |
| 241       | 11    | 0     | 12    | 21    | 23    | 66            | 0.18          | 0.32          | 0.34          | 937          | 630           | 346                   |
| 245       | 10    | 0     | 12    | 21    | 23    | 69            | 0.18          | 0.31          | 0.33          | 942          | 630           | 348                   |
| 248       | 11    | 0     | 12    | 21    | 23    | 67            | 0.18          | 0.32          | 0.34          | 934          | 630           | 345                   |
| 252       | 10    | 0     | 12    | 21    | 23    | 71            | 0.17          | 0.30          | 0.32          | 948          | 640           | 350                   |
| 292       | 11    | 0     | 13    | 23    | 23    | 68            | 0.19          | 0.34          | 0.33          | 945          | 460           | 349                   |
| 295       | 44    | 0     | 13    | 22    | 23    | 68            | 0.19          | 0.33          | 0.33          | 944          | 460           | 349                   |
| 299       | 22    | 0     | 13    | 21    | 19    | 61            | 0.21          | 0.35          | 0.32          | 881          | 470           | 326                   |
| 302       | 10    | 0     | 13    | 22    | 23    | 69            | 0.19          | 0.32          | 0.33          | 945          | 490           | 349                   |
| 306       | 11    | 0     | 13    | 22    | 23    | 72            | 0.18          | 0.30          | 0.31          | 954          | 500           | 353                   |
| 310       | 10    | 0     | 12    | 22    | 23    | 73            | 0.17          | 0.30          | 0.31          | 955          | 450           | 353                   |
| 313       | 11    | 0     | 12    | 22    | 22    | 71            | 0.17          | 0.30          | 0.32          | 943          | 430           | 349                   |
| 317       | 10    | 0     | 11    | 20    | 22    | 73            | 0.16          | 0.28          | 0.31          | 939          | 440           | 347                   |
| 320       | 11    | 0     | 12    | 20    | 22    | 76            | 0.15          | 0.27          | 0.30          | 949          | 440           | 351                   |
| 324       | 6     | 0     | 12    | 21    | 22    | 68            | 0.18          | 0.31          | 0.32          | 926          | 460           | 342                   |
| 328       | 0     | 0     | 12    | 14    | 13    | 42            | 0.27          | 0.32          | 0.30          | 635          | 460           | 235                   |
| 331       | 23    | 0     | 12    | 18    | 19    | 57            | 0.21          | 0.31          | 0.33          | 838          | 460           | 310                   |
| 335       | 11    | 0     | 12    | 20    | 22    | 66            | 0.18          | 0.31          | 0.34          | 921          | 460           | 340                   |
| F620728 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 119       | 10    | 0     | 10    | 21    | 21    | 67            | 0.16          | 0.32          | 0.32          | 920          | 530           | 340                   |
| 122       | 11    | 0     | 11    | 21    | 22    | 62            | 0.17          | 0.34          | 0.34          | 916          | 550           | 339                   |
| 126       | 10    | 0     | 11    | 21    | 21    | 62            | 0.17          | 0.34          | 0.34          | 907          | 520           | 335                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 130       | 11    | 0     | 10    | 21    | 21    | 65            | 0.16          | 0.33          | 0.33          | 915          | 540           | 338                   |
| 133       | 10    | 0     | 11    | 21    | 21    | 62            | 0.18          | 0.34          | 0.34          | 907          | 580           | 335                   |
| 137       | 11    | 0     | 11    | 21    | 22    | 61            | 0.18          | 0.34          | 0.35          | 912          | 620           | 337                   |
| 140       | 10    | 0     | 10    | 21    | 22    | 63            | 0.17          | 0.33          | 0.34          | 911          | 510           | 337                   |
| 144       | 11    | 0     | 11    | 21    | 21    | 66            | 0.17          | 0.32          | 0.33          | 917          | 580           | 339                   |
| 148       | 10    | 0     | 11    | 21    | 22    | 62            | 0.17          | 0.34          | 0.35          | 910          | 630           | 336                   |
| 151       | 11    | 0     | 11    | 21    | 21    | 66            | 0.16          | 0.32          | 0.32          | 917          | 660           | 339                   |
| 198       | 10    | 0     | 11    | 21    | 22    | 62            | 0.19          | 0.35          | 0.35          | 918          | 540           | 339                   |
| 202       | 11    | 0     | 11    | 21    | 21    | 62            | 0.18          | 0.35          | 0.35          | 914          | 530           | 338                   |
| 205       | 10    | 0     | 11    | 21    | 21    | 62            | 0.18          | 0.34          | 0.34          | 914          | 540           | 338                   |
| 209       | 11    | 0     | 11    | 21    | 22    | 65            | 0.17          | 0.33          | 0.33          | 920          | 530           | 340                   |
| 212       | 10    | 0     | 11    | 21    | 21    | 62            | 0.17          | 0.35          | 0.35          | 912          | 530           | 337                   |
| 216       | 11    | 0     | 11    | 21    | 22    | 64            | 0.17          | 0.33          | 0.34          | 917          | 540           | 339                   |
| 220       | 10    | 0     | 10    | 21    | 21    | 60            | 0.17          | 0.35          | 0.36          | 908          | 530           | 336                   |
| 223       | 11    | 0     | 11    | 21    | 21    | 61            | 0.17          | 0.34          | 0.35          | 909          | 550           | 336                   |
| 227       | 10    | 0     | 10    | 21    | 22    | 66            | 0.16          | 0.32          | 0.33          | 921          | 570           | 340                   |
| 230       | 11    | 0     | 11    | 21    | 22    | 62            | 0.18          | 0.34          | 0.35          | 916          | 520           | 339                   |
| 234       | 10    | 0     | 11    | 21    | 22    | 62            | 0.17          | 0.34          | 0.35          | 914          | 530           | 338                   |
| 238       | 11    | 0     | 11    | 21    | 22    | 64            | 0.17          | 0.33          | 0.34          | 916          | 600           | 339                   |
| 241       | 10    | 0     | 11    | 21    | 22    | 65            | 0.16          | 0.33          | 0.33          | 920          | 510           | 340                   |
| 245       | 11    | 0     | 11    | 21    | 22    | 63            | 0.17          | 0.34          | 0.34          | 919          | 520           | 340                   |
| 248       | 10    | 0     | 11    | 21    | 22    | 65            | 0.16          | 0.32          | 0.34          | 920          | 540           | 340                   |
| 252       | 11    | 0     | 11    | 21    | 22    | 63            | 0.17          | 0.34          | 0.35          | 915          | 590           | 338                   |
| F620730 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 227       | 10    | 0     | 12    | 22    | 24    | 66            | 0.19          | 0.34          | 0.36          | 948          | 410           | 350                   |
| 230       | 10    | 0     | 13    | 22    | 23    | 67            | 0.19          | 0.33          | 0.35          | 951          | 410           | 351                   |
| 234       | 11    | 0     | 12    | 22    | 24    | 67            | 0.18          | 0.33          | 0.35          | 952          | 420           | 352                   |
| 238       | 10    | 0     | 12    | 22    | 23    | 65            | 0.18          | 0.33          | 0.36          | 945          | 420           | 349                   |
| 241       | 11    | 0     | 11    | 22    | 23    | 69            | 0.17          | 0.31          | 0.34          | 950          | 430           | 351                   |
| 245       | 10    | 0     | 11    | 22    | 23    | 67            | 0.17          | 0.33          | 0.35          | 941          | 430           | 348                   |
| 248       | 11    | 0     | 12    | 22    | 23    | 64            | 0.18          | 0.34          | 0.36          | 939          | 440           | 347                   |
| 252       | 10    | 0     | 12    | 22    | 23    | 66            | 0.18          | 0.33          | 0.35          | 938          | 450           | 347                   |
| 256       | 42    | 0     | 11    | 19    | 20    | 58            | 0.18          | 0.33          | 0.35          | 873          | 460           | 323                   |
| 259       | 10    | 0     | 12    | 21    | 23    | 65            | 0.18          | 0.33          | 0.36          | 939          | 470           | 347                   |
| 263       | 11    | 0     | 12    | 22    | 23    | 66            | 0.18          | 0.33          | 0.36          | 943          | 480           | 349                   |
| 266       | 3     | 0     | 12    | 22    | 23    | 65            | 0.19          | 0.34          | 0.36          | 945          | 420           | 349                   |
| 270       | 11    | 0     | 13    | 22    | 23    | 64            | 0.20          | 0.35          | 0.35          | 938          | 420           | 347                   |
| 274       | 5     | 0     | 13    | 22    | 23    | 66            | 0.20          | 0.34          | 0.35          | 946          | 440           | 350                   |
| 277       | 9     | 0     | 13    | 23    | 23    | 65            | 0.21          | 0.35          | 0.36          | 942          | 480           | 348                   |
| 281       | 4     | 0     | 14    | 23    | 23    | 65            | 0.21          | 0.35          | 0.35          | 941          | 530           | 348                   |
| 284       | 8     | 0     | 13    | 22    | 23    | 65            | 0.20          | 0.34          | 0.35          | 943          | 440           | 349                   |
| 288       | 19    | 0     | 13    | 22    | 23    | 64            | 0.21          | 0.35          | 0.36          | 938          | 440           | 347                   |
| 292       | 27    | 0     | 12    | 19    | 19    | 56            | 0.21          | 0.34          | 0.34          | 857          | 470           | 317                   |
| 295       | 34    | 0     | 13    | 23    | 23    | 65            | 0.20          | 0.35          | 0.35          | 943          | 510           | 349                   |
| 299       | 22    | 0     | 13    | 22    | 23    | 64            | 0.21          | 0.34          | 0.36          | 939          | 450           | 347                   |
| 302       | 13    | 0     | 13    | 23    | 23    | 64            | 0.20          | 0.35          | 0.35          | 939          | 460           | 347                   |
| 306       | 43    | 0     | 13    | 22    | 23    | 65            | 0.21          | 0.34          | 0.35          | 940          | 460           | 347                   |
| F620740 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 36        | 0     | 0     | 11    | 13    | 10    | 42            | 0.27          | 0.31          | 0.24          | 553          | 370           | 204                   |
| 40        | 0     | 0     | 10    | 11    | 9     | 35            | 0.29          | 0.31          | 0.25          | 464          | 360           | 171                   |
| 43        | 0     | 0     | 6     | 6     | 7     | 29            | 0.21          | 0.22          | 0.25          | 287          | 410           | 106                   |
| 47        | 0     | 0     | 1     | 2     | 2     | 12            | 0.09          | 0.13          | 0.20          | 47           | 320           | 17                    |
| 50        | 0     | 0     | 1     | 2     | 2     | 10            | 0.10          | 0.19          | 0.20          | 46           | 330           | 17                    |
| 54        | 0     | 0     | 1     | 2     | 3     | 10            | 0.10          | 0.22          | 0.30          | 60           | 390           | 22                    |

| ANGLE | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | NORM.         |              |
|-------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|--------------|
|       |       |       |       |       |       |               |               |               |               |              | MEAS.<br>PEEL | EST.<br>PEEL |
| 58    | 0     | 0     | 1     | 2     | 2     | 8             | 0.16          | 0.24          | 0.28          | 17           | 320           | 6            |
| 61    | 0     | 0     | 1     | 3     | 3     | 9             | 0.16          | 0.28          | 0.30          | 68           | 340           | 25           |
| 65    | 0     | 0     | 1     | 2     | 2     | 9             | 0.16          | 0.17          | 0.26          | 11           | 340           | 4            |
| 68    | 0     | 0     | 1     | 1     | 2     | 5             | 0.23          | 0.24          | 0.34          | 41           | 350           | 15           |
| 72    | 0     | 0     | 1     | 2     | 2     | 5             | 0.18          | 0.34          | 0.35          | 90           | 330           | 33           |
| 76    | 0     | 0     | 1     | 3     | 3     | 8             | 0.14          | 0.35          | 0.32          | 114          | 370           | 42           |
| 79    | 0     | 0     | 2     | 4     | 4     | 14            | 0.12          | 0.26          | 0.28          | 125          | 380           | 46           |
| 83    | 0     | 0     | 2     | 3     | 2     | 9             | 0.24          | 0.33          | 0.18          | 27           | 400           | 10           |
| 86    | 0     | 0     | 2     | 4     | 2     | 12            | 0.18          | 0.36          | 0.13          | 20           | 380           | 7            |
| 90    | 0     | 0     | 2     | 6     | 3     | 17            | 0.14          | 0.34          | 0.17          | 108          | 370           | 40           |
| 94    | 0     | 0     | 1     | 4     | 2     | 9             | 0.16          | 0.50          | 0.23          | 60           | 380           | 22           |
| 97    | 0     | 0     | 1     | 3     | 2     | 8             | 0.14          | 0.40          | 0.23          | 7            | 350           | 3            |
| 101   | 0     | 0     | 2     | 3     | 2     | 9             | 0.18          | 0.39          | 0.23          | 27           | 360           | 10           |
| 104   | 0     | 0     | 1     | 2     | 1     | 6             | 0.21          | 0.40          | 0.21          | 48           | 390           | 18           |
| 108   | 0     | 0     | 2     | 2     | 2     | 8             | 0.23          | 0.31          | 0.27          | 23           | 410           | 9            |
| 112   | 0     | 0     | 1     | 2     | 2     | 7             | 0.19          | 0.27          | 0.27          | 16           | 320           | 6            |
| 115   | 0     | 0     | 2     | 4     | 3     | 14            | 0.15          | 0.30          | 0.21          | 74           | 340           | 27           |
| 119   | 0     | 0     | 1     | 3     | 2     | 12            | 0.09          | 0.24          | 0.20          | 4            | 350           | 1            |
| 122   | 0     | 0     | 3     | 4     | 4     | 17            | 0.18          | 0.23          | 0.22          | 97           | 350           | 36           |
| 126   | 0     | 0     | 9     | 8     | 5     | 30            | 0.29          | 0.26          | 0.18          | 265          | 250           | 98           |
| 130   | 0     | 0     | 8     | 8     | 4     | 31            | 0.26          | 0.26          | 0.14          | 236          | 250           | 87           |
| 133   | 0     | 0     | 7     | 6     | 4     | 23            | 0.29          | 0.27          | 0.16          | 157          | 260           | 58           |
| 137   | 0     | 0     | 2     | 4     | 4     | 20            | 0.10          | 0.22          | 0.19          | 106          | 100           | 39           |
| 140   | 0     | 0     | 7     | 6     | 5     | 19            | 0.36          | 0.32          | 0.26          | 222          | 100           | 82           |
| 144   | 0     | 0     | 3     | 4     | 4     | 17            | 0.17          | 0.25          | 0.22          | 116          | 100           | 43           |
| 148   | 0     | 0     | 6     | 6     | 4     | 23            | 0.27          | 0.24          | 0.19          | 160          | 100           | 59           |
| 151   | 0     | 0     | 4     | 4     | 3     | 23            | 0.19          | 0.19          | 0.13          | 86           | 110           | 32           |
| 155   | 0     | 0     | 7     | 6     | 4     | 24            | 0.28          | 0.26          | 0.15          | 168          | 110           | 62           |
| 158   | 0     | 0     | 4     | 6     | 4     | 20            | 0.21          | 0.27          | 0.18          | 137          | 110           | 51           |
| 162   | 0     | 0     | 1     | 5     | 4     | 15            | 0.10          | 0.33          | 0.26          | 157          | 110           | 58           |
| 166   | 0     | 0     | 5     | 7     | 4     | 24            | 0.22          | 0.29          | 0.17          | 200          | 110           | 74           |
| 169   | 0     | 0     | 2     | 5     | 4     | 18            | 0.10          | 0.30          | 0.23          | 160          | 110           | 59           |
| 173   | 0     | 0     | 4     | 6     | 6     | 23            | 0.16          | 0.28          | 0.25          | 257          | 110           | 95           |
| 176   | 0     | 0     | 2     | 4     | 4     | 16            | 0.12          | 0.23          | 0.27          | 127          | 110           | 47           |
| 180   | 0     | 0     | 1     | 3     | 4     | 16            | 0.06          | 0.20          | 0.24          | 77           | 110           | 28           |
| 184   | 0     | 0     | 2     | 4     | 2     | 12            | 0.20          | 0.33          | 0.20          | 43           | 110           | 16           |
| 187   | 10    | 0     | 9     | 12    | 8     | 37            | 0.23          | 0.33          | 0.22          | 477          | 110           | 176          |
| 191   | 10    | 0     | 8     | 18    | 12    | 47            | 0.16          | 0.38          | 0.26          | 672          | 110           | 248          |
| 194   | 9     | 0     | 8     | 14    | 10    | 41            | 0.20          | 0.34          | 0.24          | 557          | 110           | 206          |
| 198   | 10    | 0     | 11    | 15    | 12    | 47            | 0.23          | 0.33          | 0.25          | 637          | 110           | 235          |
| 202   | 37    | 0     | 6     | 16    | 10    | 55            | 0.11          | 0.28          | 0.19          | 605          | 110           | 224          |
| 205   | 6     | 0     | 6     | 7     | 6     | 29            | 0.20          | 0.25          | 0.21          | 282          | 100           | 104          |
| 209   | 6     | 0     | 6     | 14    | 9     | 43            | 0.15          | 0.34          | 0.22          | 542          | 100           | 200          |
| 212   | 0     | 0     | 8     | 14    | 9     | 40            | 0.21          | 0.34          | 0.22          | 511          | 100           | 189          |
| 216   | 0     | 0     | 4     | 5     | 3     | 16            | 0.23          | 0.28          | 0.16          | 63           | 120           | 23           |
| 220   | 0     | 0     | 5     | 4     | 4     | 21            | 0.26          | 0.20          | 0.18          | 100          | 120           | 37           |
| 223   | 0     | 0     | 2     | 3     | 3     | 15            | 0.15          | 0.20          | 0.22          | 46           | 120           | 17           |
| 227   | 0     | 0     | 2     | 4     | 4     | 12            | 0.21          | 0.30          | 0.37          | 241          | 120           | 89           |
| 230   | 0     | 0     | 3     | 4     | 5     | 13            | 0.22          | 0.33          | 0.37          | 261          | 140           | 96           |
| 234   | 0     | 0     | 1     | 3     | 5     | 12            | 0.10          | 0.22          | 0.41          | 280          | 140           | 103          |
| 238   | 0     | 0     | 4     | 4     | 7     | 24            | 0.18          | 0.17          | 0.28          | 214          | 130           | 79           |
| 241   | 0     | 0     | 2     | 4     | 4     | 14            | 0.16          | 0.29          | 0.29          | 145          | 140           | 54           |
| 245   | 0     | 0     | 1     | 3     | 3     | 10            | 0.14          | 0.26          | 0.29          | 72           | 170           | 27           |
| 248   | 0     | 0     | 2     | 3     | 3     | 11            | 0.14          | 0.24          | 0.27          | 50           | 180           | 18           |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 252       | 0     | 0     | 2     | 3     | 3     | 13            | 0.16          | 0.19          | 0.24          | 31           | 190           | 11                    |
| 256       | 0     | 0     | 1     | 4     | 4     | 13            | 0.09          | 0.28          | 0.29          | 129          | 210           | 48                    |
| 259       | 0     | 0     | 1     | 4     | 4     | 10            | 0.09          | 0.38          | 0.35          | 201          | 230           | 74                    |
| 263       | 0     | 0     | 1     | 3     | 5     | 15            | 0.06          | 0.22          | 0.36          | 228          | 250           | 84                    |
| 266       | 0     | 0     | 1     | 2     | 3     | 8             | 0.10          | 0.24          | 0.31          | 55           | 270           | 20                    |
| 270       | 0     | 0     | 1     | 2     | 3     | 10            | 0.09          | 0.22          | 0.33          | 104          | 190           | 38                    |
| 274       | 0     | 0     | 1     | 3     | 3     | 12            | 0.09          | 0.22          | 0.24          | 35           | 220           | 13                    |
| 277       | 0     | 0     | 1     | 3     | 4     | 11            | 0.09          | 0.23          | 0.35          | 170          | 240           | 63                    |
| 281       | 0     | 0     | 1     | 3     | 3     | 9             | 0.10          | 0.33          | 0.34          | 143          | 260           | 53                    |
| 284       | 0     | 0     | 1     | 3     | 2     | 9             | 0.10          | 0.36          | 0.26          | 48           | 300           | 18                    |
| 288       | 0     | 0     | 2     | 3     | 3     | 13            | 0.13          | 0.25          | 0.24          | 52           | 230           | 19                    |
| 292       | 0     | 0     | 2     | 3     | 4     | 16            | 0.16          | 0.18          | 0.25          | 77           | 270           | 28                    |
| 295       | 0     | 0     | 5     | 4     | 4     | 18            | 0.27          | 0.21          | 0.23          | 103          | 290           | 38                    |
| 299       | 0     | 0     | 8     | 7     | 5     | 27            | 0.28          | 0.26          | 0.17          | 228          | 320           | 84                    |
| 302       | 0     | 0     | 7     | 5     | 6     | 24            | 0.30          | 0.22          | 0.23          | 203          | 320           | 75                    |
| 306       | 0     | 0     | 9     | 9     | 7     | 35            | 0.26          | 0.26          | 0.21          | 379          | 320           | 140                   |
| 310       | 11    | 0     | 2     | 5     | 4     | 17            | 0.10          | 0.30          | 0.24          | 155          | 340           | 57                    |
| 313       | 1     | 0     | 1     | 5     | 5     | 18            | 0.08          | 0.29          | 0.25          | 180          | 340           | 67                    |
| 317       | 0     | 0     | 1     | 4     | 3     | 12            | 0.09          | 0.35          | 0.24          | 85           | 330           | 31                    |
| 320       | 0     | 0     | 1     | 4     | 2     | 9             | 0.11          | 0.42          | 0.25          | 67           | 340           | 25                    |
| 324       | 0     | 0     | 1     | 5     | 4     | 15            | 0.07          | 0.34          | 0.27          | 163          | 360           | 60                    |
| 328       | 0     | 0     | 3     | 6     | 5     | 20            | 0.16          | 0.31          | 0.26          | 228          | 390           | 84                    |
| 331       | 0     | 0     | 2     | 4     | 5     | 17            | 0.12          | 0.27          | 0.29          | 188          | 420           | 69                    |
| 335       | 0     | 0     | 9     | 9     | 7     | 30            | 0.30          | 0.29          | 0.24          | 370          | 420           | 137                   |
| 338       | 0     | 0     | 7     | 7     | 7     | 29            | 0.25          | 0.25          | 0.24          | 320          | 440           | 118                   |
| 342       | 0     | 0     | 8     | 9     | 8     | 34            | 0.23          | 0.28          | 0.24          | 407          | 490           | 150                   |
| 346       | 0     | 0     | 12    | 15    | 14    | 48            | 0.25          | 0.32          | 0.30          | 700          | 480           | 259                   |
| 349       | 0     | 0     | 11    | 16    | 15    | 49            | 0.24          | 0.33          | 0.30          | 722          | 470           | 267                   |
| 353       | 0     | 0     | 12    | 19    | 16    | 57            | 0.21          | 0.33          | 0.28          | 786          | 450           | 290                   |
| 356       | 0     | 0     | 12    | 19    | 16    | 56            | 0.22          | 0.33          | 0.28          | 790          | 440           | 292                   |
| 360       | 0     | 0     | 12    | 18    | 16    | 57            | 0.21          | 0.32          | 0.28          | 790          | 440           | 292                   |
| F620741 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 32        | 9     | 0     | 12    | 21    | 22    | 64            | 0.18          | 0.33          | 0.35          | 924          | 530           | 341                   |
| 36        | 1     | 0     | 11    | 21    | 21    | 63            | 0.18          | 0.33          | 0.33          | 906          | 540           | 335                   |
| 40        | 30    | 0     | 11    | 20    | 22    | 63            | 0.18          | 0.32          | 0.35          | 912          | 530           | 337                   |
| 43        | 43    | 0     | 11    | 20    | 21    | 61            | 0.18          | 0.33          | 0.34          | 888          | 540           | 328                   |
| 47        | 3     | 0     | 11    | 20    | 19    | 58            | 0.20          | 0.34          | 0.32          | 854          | 640           | 316                   |
| 50        | 8     | 0     | 11    | 21    | 21    | 62            | 0.18          | 0.33          | 0.34          | 905          | 580           | 334                   |
| 54        | 20    | 0     | 11    | 21    | 21    | 63            | 0.18          | 0.33          | 0.33          | 901          | 590           | 333                   |
| 58        | 10    | 0     | 11    | 21    | 22    | 63            | 0.18          | 0.34          | 0.35          | 920          | 550           | 340                   |
| 61        | 34    | 0     | 11    | 21    | 23    | 63            | 0.17          | 0.33          | 0.36          | 929          | 550           | 343                   |
| 65        | 41    | 0     | 11    | 21    | 22    | 64            | 0.17          | 0.33          | 0.35          | 926          | 520           | 342                   |
| 68        | 6     | 0     | 11    | 22    | 22    | 64            | 0.17          | 0.34          | 0.35          | 928          | 570           | 343                   |
| 72        | 13    | 0     | 11    | 21    | 22    | 63            | 0.18          | 0.34          | 0.35          | 925          | 500           | 342                   |
| 76        | 5     | 0     | 12    | 20    | 20    | 60            | 0.21          | 0.34          | 0.33          | 879          | 480           | 325                   |
| 79        | 6     | 0     | 12    | 20    | 20    | 60            | 0.20          | 0.33          | 0.33          | 878          | 450           | 324                   |
| 83        | 0     | 0     | 12    | 19    | 17    | 56            | 0.22          | 0.34          | 0.31          | 818          | 430           | 302                   |
| 86        | 0     | 0     | 12    | 19    | 17    | 59            | 0.20          | 0.33          | 0.28          | 815          | 390           | 301                   |
| 90        | 0     | 0     | 12    | 17    | 16    | 54            | 0.23          | 0.32          | 0.29          | 769          | 140           | 284                   |
| 94        | 0     | 0     | 12    | 16    | 13    | 43            | 0.29          | 0.36          | 0.29          | 668          | 140           | 247                   |
| 97        | 0     | 0     | 9     | 8     | 7     | 31            | 0.29          | 0.26          | 0.23          | 342          | 200           | 126                   |
| 101       | 2     | 0     | 2     | 3     | 3     | 14            | 0.11          | 0.19          | 0.21          | 21           | 270           | 8                     |
| 104       | 0     | 0     | 1     | 1     | 1     | 4             | 0.22          | 0.24          | 0.21          | 131          | 320           | 48                    |
| 108       | 0     | 0     | 1     | 1     | 1     | 4             | 0.22          | 0.20          | 0.26          | 94           | 370           | 35                    |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 112       | 0     | 0     | 1     | 1     | 1     | 3             | 0.25          | 0.22          | 0.18          | 158          | 410           | 58                    |
| 115       | 0     | 0     | 1     | 1     | 1     | 3             | 0.27          | 0.23          | 0.22          | 135          | 460           | 50                    |
| 119       | 0     | 0     | 1     | 1     | 1     | 4             | 0.23          | 0.18          | 0.16          | 165          | 480           | 61                    |
| 122       | 0     | 0     | 1     | 1     | 1     | 3             | 0.31          | 0.24          | 0.22          | 141          | 500           | 52                    |
| 126       | 0     | 0     | 1     | 1     | 1     | 6             | 0.14          | 0.24          | 0.21          | 88           | 520           | 33                    |
| F620742 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 133       | 11    | 0     | 12    | 21    | 21    | 74            | 0.16          | 0.29          | 0.28          | 933          | 580           | 345                   |
| 137       | 10    | 0     | 12    | 21    | 21    | 73            | 0.16          | 0.28          | 0.28          | 921          | 580           | 340                   |
| 140       | 5     | 0     | 13    | 22    | 21    | 68            | 0.19          | 0.32          | 0.31          | 928          | 580           | 343                   |
| 144       | 3     | 0     | 15    | 23    | 21    | 63            | 0.24          | 0.36          | 0.33          | 908          | 580           | 336                   |
| 148       | 0     | 0     | 16    | 22    | 22    | 62            | 0.26          | 0.35          | 0.35          | 921          | 570           | 340                   |
| 151       | 29    | 0     | 12    | 18    | 16    | 53            | 0.23          | 0.34          | 0.31          | 787          | 480           | 291                   |
| 155       | 14    | 0     | 15    | 22    | 20    | 62            | 0.24          | 0.36          | 0.33          | 901          | 420           | 333                   |
| 158       | 1     | 0     | 16    | 23    | 21    | 63            | 0.25          | 0.36          | 0.34          | 915          | 390           | 338                   |
| 162       | 22    | 0     | 15    | 23    | 22    | 65            | 0.23          | 0.34          | 0.34          | 937          | 420           | 346                   |
| 166       | 43    | 0     | 14    | 22    | 22    | 65            | 0.22          | 0.34          | 0.34          | 928          | 400           | 343                   |
| 169       | 6     | 0     | 15    | 22    | 21    | 63            | 0.23          | 0.35          | 0.34          | 920          | 420           | 340                   |
| 173       | 0     | 0     | 14    | 22    | 20    | 62            | 0.23          | 0.36          | 0.33          | 901          | 420           | 333                   |
| 176       | 0     | 0     | 15    | 22    | 20    | 60            | 0.24          | 0.37          | 0.33          | 893          | 440           | 330                   |
| 180       | 0     | 0     | 14    | 23    | 21    | 61            | 0.24          | 0.37          | 0.34          | 907          | 460           | 335                   |
| 184       | 0     | 0     | 14    | 21    | 19    | 58            | 0.24          | 0.36          | 0.32          | 860          | 460           | 318                   |
| 187       | 0     | 0     | 12    | 15    | 13    | 44            | 0.29          | 0.34          | 0.29          | 665          | 500           | 246                   |
| 191       | 0     | 0     | 12    | 19    | 18    | 61            | 0.20          | 0.31          | 0.30          | 849          | 460           | 314                   |
| 194       | 1     | 0     | 12    | 20    | 21    | 62            | 0.19          | 0.32          | 0.33          | 891          | 530           | 329                   |
| 198       | 0     | 0     | 12    | 20    | 19    | 61            | 0.19          | 0.32          | 0.32          | 869          | 510           | 321                   |
| 299       | 1     | 0     | 11    | 20    | 22    | 64            | 0.16          | 0.32          | 0.35          | 919          | 560           | 340                   |
| 302       | 10    | 0     | 10    | 20    | 23    | 69            | 0.15          | 0.29          | 0.33          | 926          | 520           | 342                   |
| 306       | 11    | 0     | 11    | 21    | 23    | 70            | 0.16          | 0.31          | 0.33          | 945          | 470           | 349                   |
| 310       | 10    | 0     | 12    | 22    | 24    | 73            | 0.16          | 0.30          | 0.32          | 961          | 520           | 355                   |
| 313       | 11    | 0     | 12    | 22    | 23    | 68            | 0.18          | 0.32          | 0.34          | 945          | 560           | 349                   |
| 317       | 10    | 0     | 13    | 23    | 22    | 64            | 0.20          | 0.35          | 0.35          | 935          | 600           | 346                   |
| 320       | 11    | 0     | 12    | 21    | 23    | 66            | 0.18          | 0.32          | 0.34          | 933          | 680           | 345                   |

Size: 24 X 3.75

Comments: Data extracted from regions  
exhibiting smooth adhesion pull.

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|          |       |       |       |       |       |    | BROAD | 270/  | 370/  | 500/  | EST. | MEAS. | NORM. |
|----------|-------|-------|-------|-------|-------|----|-------|-------|-------|-------|------|-------|-------|
| ANGLE    | PHASE | INCLU | 270 K | 370 K | 500 K |    | BAND  | BBAND | BBAND | BBAND | FEEL | FEEL  | EST.  |
|          |       |       |       |       |       |    |       |       |       |       |      |       | FEEL  |
| A62895 : |       |       |       |       |       |    |       |       |       |       |      |       |       |
| 47       | 0     | 0     | 17    | 31    | 21    | 67 | 0.26  | 0.45  | 0.31  | 841   | 330  | 548   |       |
| 50       | 0     | 0     | 17    | 30    | 19    | 66 | 0.26  | 0.45  | 0.29  | 817   | 320  | 533   |       |
| 54       | 0     | 0     | 17    | 30    | 20    | 65 | 0.26  | 0.46  | 0.30  | 822   | 320  | 536   |       |
| 58       | 0     | 0     | 16    | 20    | 13    | 64 | 0.24  | 0.32  | 0.20  | 733   | 320  | 478   |       |
| 119      | 0     | 0     | 6     | 9     | 6     | 27 | 0.21  | 0.34  | 0.23  | 335   |      | 218   |       |
| 122      | 0     | 0     | 5     | 8     | 3     | 23 | 0.23  | 0.35  | 0.15  | 196   |      | 128   |       |
| 126      | 0     | 0     | 3     | 6     | 4     | 16 | 0.17  | 0.38  | 0.23  | 174   |      | 113   |       |
| 130      | 0     | 0     | 2     | 3     | 3     | 11 | 0.15  | 0.32  | 0.27  | 75    |      | 49    |       |
| 133      | 0     | 0     | 3     | 4     | 1     | 8  | 0.39  | 0.50  | 0.10  | -30   |      | -20   |       |
| 137      | 0     | 0     | 3     | 5     | 2     | 14 | 0.24  | 0.34  | 0.13  | 45    | 310  | 29    |       |
| 140      | 0     | 0     | 3     | 6     | 3     | 18 | 0.19  | 0.34  | 0.17  | 130   | 300  | 85    |       |
| 144      | 0     | 0     | 5     | 8     | 4     | 22 | 0.22  | 0.37  | 0.19  | 232   | 300  | 151   |       |
| 148      | 0     | 0     | 6     | 12    | 7     | 31 | 0.19  | 0.40  | 0.22  | 416   | 320  | 271   |       |
| 205      | 0     | 0     | 18    | 30    | 16    | 59 | 0.30  | 0.50  | 0.26  | 704   | 290  | 459   |       |
| 209      | 0     | 0     | 17    | 30    | 16    | 60 | 0.29  | 0.50  | 0.27  | 709   | 290  | 462   |       |
| 212      | 0     | 0     | 18    | 30    | 16    | 59 | 0.30  | 0.51  | 0.27  | 714   | 300  | 466   |       |
| 216      | 0     | 0     | 17    | 31    | 19    | 64 | 0.26  | 0.49  | 0.30  | 787   | 290  | 513   |       |
| 220      | 0     | 0     | 17    | 31    | 18    | 64 | 0.26  | 0.48  | 0.29  | 779   | 290  | 508   |       |
| 223      | 0     | 0     | 16    | 30    | 17    | 63 | 0.26  | 0.48  | 0.27  | 753   | 290  | 491   |       |
| 227      | 0     | 0     | 17    | 31    | 18    | 65 | 0.26  | 0.47  | 0.27  | 749   | 290  | 488   |       |
| 230      | 0     | 0     | 16    | 31    | 18    | 66 | 0.25  | 0.47  | 0.28  | 764   | 280  | 498   |       |
| 234      | 0     | 0     | 17    | 31    | 18    | 66 | 0.25  | 0.47  | 0.28  | 770   | 300  | 502   |       |
| 238      | 0     | 0     | 17    | 32    | 20    | 67 | 0.25  | 0.47  | 0.30  | 799   | 300  | 521   |       |
| 241      | 0     | 0     | 17    | 32    | 19    | 67 | 0.25  | 0.48  | 0.29  | 781   | 310  | 509   |       |
| 245      | 0     | 0     | 17    | 30    | 17    | 65 | 0.26  | 0.46  | 0.27  | 762   | 300  | 497   |       |
| 248      | 0     | 0     | 17    | 30    | 17    | 64 | 0.26  | 0.47  | 0.26  | 727   | 280  | 474   |       |
| 252      | 0     | 0     | 17    | 30    | 17    | 65 | 0.26  | 0.46  | 0.26  | 744   | 280  | 485   |       |
| 256      | 0     | 0     | 17    | 31    | 17    | 65 | 0.26  | 0.48  | 0.26  | 731   | 330  | 477   |       |
| 259      | 0     | 0     | 17    | 31    | 20    | 67 | 0.25  | 0.47  | 0.29  | 802   | 320  | 523   |       |
| 263      | 0     | 0     | 17    | 31    | 19    | 67 | 0.25  | 0.46  | 0.29  | 802   | 270  | 523   |       |
| 266      | 0     | 0     | 17    | 31    | 20    | 67 | 0.26  | 0.46  | 0.30  | 816   | 270  | 532   |       |
| 270      | 0     | 0     | 17    | 31    | 19    | 66 | 0.26  | 0.46  | 0.28  | 785   | 260  | 512   |       |
| 274      | 0     | 0     | 18    | 31    | 19    | 67 | 0.26  | 0.47  | 0.29  | 791   | 260  | 516   |       |
| 277      | 0     | 0     | 18    | 31    | 20    | 67 | 0.26  | 0.46  | 0.30  | 823   | 260  | 537   |       |
| 281      | 0     | 0     | 17    | 31    | 20    | 67 | 0.26  | 0.46  | 0.31  | 835   | 280  | 545   |       |
| 284      | 0     | 0     | 14    | 20    | 12    | 55 | 0.26  | 0.36  | 0.22  | 694   | 300  | 453   |       |
| 288      | 0     | 0     | 14    | 16    | 11    | 52 | 0.28  | 0.31  | 0.20  | 616   | 310  | 402   |       |
| 292      | 0     | 0     | 18    | 25    | 14    | 78 | 0.24  | 0.32  | 0.19  | 783   | 300  | 511   |       |
| 295      | 0     | 0     | 18    | 29    | 19    | 69 | 0.26  | 0.42  | 0.28  | 837   | 310  | 546   |       |
| 299      | 0     | 0     | 17    | 31    | 21    | 68 | 0.26  | 0.45  | 0.31  | 850   | 320  | 554   |       |
| B66664 : |       |       |       |       |       |    |       |       |       |       |      |       |       |
| 270      | 0     | 0     | 11    | 17    | 15    | 47 | 0.24  | 0.35  | 0.32  | 738   | 560  | 481   |       |
| 274      | 0     | 0     | 11    | 16    | 14    | 46 | 0.25  | 0.34  | 0.31  | 713   | 560  | 465   |       |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 277       | 0     | 0     | 11    | 16    | 15    | 44            | 0.26          | 0.38          | 0.33          | 733          | 580           | 478                   |
| 281       | 0     | 0     | 13    | 23    | 20    | 58            | 0.23          | 0.39          | 0.34          | 886          | 600           | 578                   |
| 284       | 0     | 0     | 13    | 20    | 19    | 54            | 0.25          | 0.38          | 0.35          | 862          | 610           | 562                   |
| 288       | 0     | 0     | 13    | 21    | 18    | 54            | 0.24          | 0.39          | 0.34          | 849          | 600           | 554                   |
| 292       | 0     | 0     | 14    | 23    | 20    | 56            | 0.25          | 0.40          | 0.36          | 897          | 600           | 585                   |
| 295       | 0     | 0     | 14    | 23    | 21    | 60            | 0.23          | 0.38          | 0.34          | 903          | 600           | 589                   |
| 299       | 0     | 0     | 14    | 23    | 21    | 60            | 0.24          | 0.38          | 0.35          | 904          | 600           | 590                   |
| C66877 :  |       |       |       |       |       |               |               |               |               |              |               |                       |
| 43        | 10    | 0     | 13    | 20    | 19    | 62            | 0.21          | 0.31          | 0.31          | 870          | 620           | 567                   |
| 47        | 9     | 0     | 13    | 20    | 20    | 63            | 0.21          | 0.31          | 0.31          | 876          | 600           | 571                   |
| 50        | 4     | 0     | 13    | 20    | 20    | 61            | 0.21          | 0.32          | 0.33          | 885          | 650           | 577                   |
| 54        | 10    | 0     | 12    | 19    | 20    | 62            | 0.20          | 0.31          | 0.31          | 871          | 650           | 568                   |
| 58        | 0     | 0     | 13    | 17    | 17    | 61            | 0.21          | 0.28          | 0.29          | 809          | 620           | 528                   |
| 61        | 0     | 0     | 12    | 17    | 17    | 60            | 0.20          | 0.29          | 0.29          | 799          | 650           | 521                   |
| 65        | 0     | 0     | 12    | 15    | 16    | 57            | 0.20          | 0.27          | 0.28          | 742          | 670           | 484                   |
| 68        | 0     | 0     | 11    | 15    | 15    | 52            | 0.22          | 0.28          | 0.29          | 715          | 630           | 466                   |
| 72        | 0     | 0     | 12    | 15    | 14    | 52            | 0.22          | 0.29          | 0.28          | 712          | 650           | 464                   |
| 76        | 0     | 0     | 13    | 17    | 16    | 61            | 0.22          | 0.27          | 0.27          | 782          | 630           | 510                   |
| 79        | 0     | 0     | 13    | 16    | 16    | 59            | 0.22          | 0.26          | 0.27          | 754          | 650           | 492                   |
| 83        | 0     | 0     | 13    | 16    | 16    | 60            | 0.22          | 0.27          | 0.26          | 758          | 660           | 494                   |
| 86        | 0     | 0     | 13    | 15    | 15    | 58            | 0.22          | 0.26          | 0.27          | 732          | 660           | 477                   |
| 90        | 0     | 0     | 13    | 17    | 19    | 62            | 0.20          | 0.28          | 0.30          | 831          | 650           | 542                   |
| 94        | 33    | 0     | 12    | 19    | 20    | 62            | 0.19          | 0.32          | 0.32          | 872          | 680           | 569                   |
| 97        | 8     | 0     | 12    | 21    | 21    | 61            | 0.19          | 0.34          | 0.34          | 899          | 690           | 586                   |
| D613344 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 43        | 0     | 0     | 17    | 27    | 16    | 57            | 0.30          | 0.47          | 0.28          | 767          | 350           | 500                   |
| 47        | 0     | 0     | 18    | 28    | 17    | 58            | 0.31          | 0.48          | 0.29          | 779          | 340           | 508                   |
| 50        | 0     | 0     | 18    | 29    | 17    | 56            | 0.32          | 0.51          | 0.31          | 765          | 330           | 499                   |
| 54        | 0     | 0     | 18    | 30    | 18    | 59            | 0.30          | 0.51          | 0.30          | 761          | 330           | 496                   |
| 58        | 0     | 0     | 18    | 28    | 16    | 58            | 0.31          | 0.48          | 0.28          | 764          | 320           | 498                   |
| 61        | 0     | 0     | 18    | 28    | 16    | 57            | 0.31          | 0.49          | 0.28          | 742          | 320           | 484                   |
| 65        | 0     | 0     | 18    | 29    | 16    | 59            | 0.30          | 0.49          | 0.27          | 736          | 320           | 480                   |
| 68        | 0     | 0     | 17    | 28    | 16    | 58            | 0.30          | 0.48          | 0.27          | 739          | 320           | 482                   |
| 72        | 0     | 0     | 18    | 30    | 17    | 61            | 0.29          | 0.49          | 0.27          | 739          | 310           | 482                   |
| 76        | 0     | 0     | 18    | 29    | 16    | 61            | 0.29          | 0.48          | 0.26          | 732          | 320           | 477                   |
| 79        | 0     | 0     | 18    | 29    | 16    | 59            | 0.30          | 0.50          | 0.27          | 724          | 320           | 472                   |
| 83        | 0     | 0     | 17    | 27    | 15    | 56            | 0.31          | 0.48          | 0.27          | 735          | 300           | 479                   |
| 86        | 0     | 0     | 17    | 27    | 15    | 56            | 0.31          | 0.47          | 0.27          | 738          | 290           | 481                   |
| 90        | 0     | 0     | 17    | 28    | 16    | 60            | 0.29          | 0.47          | 0.26          | 735          | 300           | 479                   |
| 94        | 0     | 0     | 17    | 30    | 16    | 62            | 0.28          | 0.48          | 0.26          | 733          | 310           | 478                   |
| 97        | 0     | 0     | 17    | 30    | 17    | 63            | 0.27          | 0.47          | 0.27          | 746          | 320           | 487                   |
| 101       | 0     | 0     | 17    | 28    | 16    | 59            | 0.29          | 0.48          | 0.27          | 741          | 340           | 483                   |
| 104       | 0     | 0     | 17    | 27    | 16    | 59            | 0.29          | 0.47          | 0.27          | 758          | 320           | 494                   |
| 108       | 0     | 0     | 17    | 28    | 15    | 58            | 0.30          | 0.48          | 0.27          | 731          | 320           | 477                   |
| 112       | 0     | 0     | 17    | 28    | 16    | 59            | 0.30          | 0.47          | 0.27          | 740          | 320           | 483                   |
| 115       | 0     | 0     | 18    | 29    | 16    | 59            | 0.30          | 0.49          | 0.27          | 735          | 320           | 479                   |
| 119       | 0     | 0     | 17    | 28    | 16    | 58            | 0.30          | 0.49          | 0.27          | 731          | 370           | 477                   |
| 122       | 0     | 0     | 18    | 29    | 16    | 61            | 0.29          | 0.48          | 0.27          | 739          | 370           | 482                   |
| 126       | 0     | 0     | 17    | 30    | 17    | 62            | 0.28          | 0.48          | 0.27          | 745          | 380           | 486                   |
| 130       | 0     | 0     | 18    | 30    | 17    | 59            | 0.30          | 0.50          | 0.28          | 736          | 390           | 480                   |
| 133       | 0     | 0     | 18    | 28    | 16    | 57            | 0.31          | 0.50          | 0.29          | 751          | 390           | 490                   |
| 137       | 0     | 0     | 18    | 30    | 16    | 58            | 0.31          | 0.51          | 0.28          | 725          | 430           | 473                   |
| 140       | 0     | 0     | 17    | 29    | 16    | 57            | 0.30          | 0.50          | 0.27          | 724          | 430           | 472                   |
| 144       | 0     | 0     | 18    | 29    | 16    | 58            | 0.31          | 0.50          | 0.28          | 730          | 430           | 476                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 148       | 0     | 0     | 18    | 31    | 17    | 61            | 0.29          | 0.51          | 0.28          | 715          | 430           | 466                   |
| 151       | 0     | 0     | 17    | 30    | 17    | 61            | 0.28          | 0.49          | 0.27          | 730          | 430           | 476                   |
| 155       | 0     | 0     | 17    | 30    | 17    | 63            | 0.28          | 0.48          | 0.27          | 735          | 440           | 479                   |
| 158       | 0     | 0     | 17    | 30    | 17    | 64            | 0.27          | 0.47          | 0.27          | 744          | 490           | 485                   |
| 162       | 0     | 0     | 18    | 30    | 17    | 64            | 0.28          | 0.47          | 0.26          | 739          | 480           | 482                   |
| 166       | 0     | 0     | 17    | 30    | 17    | 63            | 0.27          | 0.47          | 0.26          | 744          | 470           | 485                   |
| 169       | 0     | 0     | 18    | 31    | 17    | 64            | 0.28          | 0.48          | 0.27          | 733          | 470           | 478                   |
| 173       | 0     | 0     | 17    | 31    | 17    | 64            | 0.27          | 0.48          | 0.26          | 719          | 470           | 469                   |
| 176       | 0     | 0     | 18    | 30    | 17    | 64            | 0.27          | 0.48          | 0.26          | 725          | 460           | 473                   |
| 180       | 0     | 0     | 17    | 31    | 16    | 63            | 0.27          | 0.48          | 0.26          | 710          | 460           | 463                   |
| 184       | 0     | 0     | 17    | 30    | 16    | 63            | 0.28          | 0.48          | 0.25          | 714          | 460           | 466                   |
| 187       | 0     | 0     | 17    | 30    | 17    | 63            | 0.27          | 0.47          | 0.26          | 730          | 420           | 476                   |
| 191       | 0     | 0     | 18    | 30    | 16    | 63            | 0.28          | 0.47          | 0.26          | 733          | 420           | 478                   |
| 270       | 0     | 0     | 18    | 29    | 15    | 62            | 0.29          | 0.47          | 0.25          | 717          | 460           | 468                   |
| 274       | 0     | 0     | 18    | 29    | 15    | 61            | 0.29          | 0.47          | 0.25          | 720          | 460           | 470                   |
| 277       | 0     | 0     | 18    | 29    | 15    | 60            | 0.30          | 0.48          | 0.25          | 716          | 460           | 467                   |
| 281       | 0     | 0     | 18    | 29    | 15    | 61            | 0.29          | 0.47          | 0.25          | 711          | 460           | 464                   |
| 284       | 0     | 0     | 18    | 29    | 15    | 62            | 0.28          | 0.46          | 0.25          | 716          | 460           | 467                   |
| 288       | 0     | 0     | 18    | 29    | 16    | 63            | 0.28          | 0.46          | 0.25          | 726          | 460           | 473                   |
| 292       | 0     | 0     | 18    | 29    | 16    | 62            | 0.29          | 0.46          | 0.25          | 731          | 460           | 477                   |
| 295       | 0     | 0     | 18    | 29    | 16    | 63            | 0.28          | 0.46          | 0.25          | 727          | 460           | 474                   |
| 299       | 0     | 0     | 18    | 29    | 16    | 63            | 0.29          | 0.46          | 0.25          | 730          | 460           | 476                   |
| 302       | 0     | 0     | 18    | 29    | 16    | 63            | 0.28          | 0.46          | 0.26          | 750          | 460           | 489                   |
| 306       | 0     | 0     | 18    | 30    | 16    | 63            | 0.29          | 0.47          | 0.25          | 723          | 470           | 472                   |
| 310       | 0     | 0     | 18    | 28    | 16    | 62            | 0.29          | 0.46          | 0.25          | 735          | 460           | 479                   |
| 313       | 0     | 0     | 18    | 29    | 16    | 63            | 0.29          | 0.46          | 0.26          | 736          | 460           | 480                   |
| 317       | 0     | 0     | 19    | 29    | 16    | 62            | 0.30          | 0.47          | 0.27          | 745          | 460           | 486                   |
| 320       | 0     | 0     | 18    | 29    | 16    | 62            | 0.29          | 0.47          | 0.26          | 730          | 460           | 476                   |
| 324       | 0     | 0     | 18    | 28    | 16    | 62            | 0.29          | 0.45          | 0.25          | 752          | 460           | 490                   |
| 328       | 0     | 0     | 18    | 28    | 15    | 61            | 0.30          | 0.46          | 0.25          | 735          | 460           | 479                   |
| 331       | 0     | 0     | 18    | 28    | 15    | 61            | 0.30          | 0.46          | 0.25          | 738          | 460           | 481                   |
| 335       | 0     | 0     | 18    | 27    | 15    | 60            | 0.31          | 0.45          | 0.25          | 731          | 460           | 477                   |
| 338       | 0     | 0     | 17    | 26    | 14    | 55            | 0.32          | 0.48          | 0.26          | 709          | 460           | 462                   |
| G525038 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 47        | 0     | 0     | 14    | 16    | 13    | 45            | 0.31          | 0.35          | 0.28          | 665          | 240           | 434                   |
| 50        | 0     | 0     | 14    | 16    | 13    | 46            | 0.31          | 0.35          | 0.28          | 670          | 250           | 437                   |
| 54        | 0     | 0     | 14    | 16    | 12    | 45            | 0.31          | 0.36          | 0.28          | 663          | 240           | 432                   |
| 58        | 0     | 0     | 14    | 16    | 13    | 45            | 0.31          | 0.36          | 0.28          | 667          | 230           | 435                   |
| 61        | 0     | 0     | 14    | 16    | 13    | 45            | 0.32          | 0.36          | 0.28          | 677          | 240           | 442                   |
| 65        | 0     | 0     | 14    | 16    | 12    | 42            | 0.33          | 0.38          | 0.29          | 657          | 240           | 428                   |
| 68        | 0     | 0     | 14    | 17    | 13    | 45            | 0.32          | 0.36          | 0.28          | 677          | 240           | 442                   |
| 72        | 0     | 0     | 15    | 17    | 13    | 47            | 0.32          | 0.37          | 0.28          | 691          | 260           | 451                   |
| 76        | 0     | 0     | 15    | 16    | 13    | 45            | 0.32          | 0.36          | 0.28          | 680          | 270           | 443                   |
| 79        | 0     | 0     | 14    | 17    | 13    | 44            | 0.33          | 0.37          | 0.29          | 680          | 270           | 443                   |
| 83        | 0     | 0     | 15    | 16    | 13    | 44            | 0.33          | 0.37          | 0.29          | 678          | 260           | 442                   |
| 86        | 0     | 0     | 15    | 17    | 13    | 45            | 0.32          | 0.37          | 0.28          | 679          | 270           | 443                   |
| 90        | 0     | 0     | 14    | 17    | 13    | 46            | 0.31          | 0.36          | 0.28          | 676          | 270           | 441                   |
| 94        | 0     | 0     | 14    | 16    | 12    | 46            | 0.30          | 0.35          | 0.27          | 668          | 270           | 436                   |
| 97        | 0     | 0     | 14    | 16    | 13    | 46            | 0.31          | 0.36          | 0.27          | 672          | 260           | 438                   |
| 101       | 0     | 0     | 15    | 16    | 13    | 46            | 0.32          | 0.35          | 0.27          | 676          | 260           | 441                   |
| 104       | 0     | 0     | 15    | 17    | 13    | 47            | 0.31          | 0.35          | 0.27          | 683          | 260           | 445                   |
| 108       | 0     | 0     | 15    | 17    | 13    | 48            | 0.31          | 0.35          | 0.27          | 681          | 270           | 444                   |
| 112       | 0     | 0     | 15    | 17    | 13    | 47            | 0.31          | 0.36          | 0.27          | 683          | 270           | 445                   |
| 115       | 0     | 0     | 14    | 16    | 12    | 44            | 0.32          | 0.36          | 0.28          | 667          | 280           | 435                   |

| ANGLE | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 119   | 0     | 0     | 14    | 16    | 12    | 45            | 0.32          | 0.37          | 0.28          | 669          | 280           | 436                   |
| 122   | 0     | 0     | 14    | 17    | 12    | 47            | 0.31          | 0.37          | 0.27          | 680          | 280           | 443                   |
| 126   | 0     | 0     | 14    | 17    | 12    | 47            | 0.30          | 0.36          | 0.26          | 673          | 280           | 439                   |
| 130   | 0     | 0     | 14    | 16    | 12    | 45            | 0.31          | 0.36          | 0.27          | 666          | 280           | 434                   |
| 133   | 0     | 0     | 14    | 18    | 12    | 47            | 0.30          | 0.38          | 0.26          | 685          | 280           | 447                   |
| 137   | 0     | 0     | 15    | 18    | 13    | 47            | 0.31          | 0.38          | 0.27          | 684          | 290           | 446                   |
| 140   | 0     | 0     | 15    | 18    | 13    | 46            | 0.32          | 0.38          | 0.27          | 688          | 290           | 449                   |
| 144   | 0     | 0     | 14    | 17    | 13    | 44            | 0.33          | 0.39          | 0.29          | 686          | 290           | 447                   |
| 148   | 0     | 0     | 15    | 18    | 13    | 44            | 0.33          | 0.41          | 0.29          | 693          | 300           | 452                   |
| 151   | 0     | 0     | 15    | 18    | 13    | 44            | 0.33          | 0.40          | 0.29          | 692          | 300           | 451                   |
| 155   | 0     | 0     | 14    | 19    | 13    | 45            | 0.32          | 0.41          | 0.28          | 695          | 300           | 453                   |
| 158   | 0     | 0     | 15    | 19    | 13    | 46            | 0.32          | 0.41          | 0.28          | 691          | 280           | 451                   |
| 162   | 0     | 0     | 14    | 19    | 13    | 46            | 0.32          | 0.42          | 0.28          | 698          | 280           | 455                   |
| 166   | 0     | 0     | 15    | 20    | 13    | 47            | 0.31          | 0.42          | 0.28          | 705          | 300           | 460                   |

Comments: Data extracted from regions exhibiting smooth adhesion pull.

|   |   |
|---|---|
| ● | ● |
| ● | ● |

|          |       |       |       |       |       | BROAD | 270/  | 370/  | 500/  | EST. | MEAS. | NORM. |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| ANGLE    | PHASE | INCLU | 270 K | 370 K | 500 K | BAND  | BBAND | BBAND | BBAND | PEEL | PEEL  | PEEL  |
| B65179 : |       |       |       |       |       |       |       |       |       |      |       |       |
| 40       | 0     | 0     | 19    | 29    | 21    | 68    | 0.27  | 0.42  | 0.31  | 892  | 720   | 892   |
| 43       | 0     | 0     | 19    | 29    | 22    | 68    | 0.28  | 0.42  | 0.32  | 896  | 725   | 896   |
| 47       | 0     | 0     | 19    | 28    | 21    | 67    | 0.28  | 0.42  | 0.31  | 880  | 730   | 880   |
| 50       | 0     | 0     | 19    | 28    | 21    | 67    | 0.28  | 0.41  | 0.31  | 893  | 740   | 893   |
| 54       | 0     | 0     | 19    | 28    | 20    | 66    | 0.28  | 0.42  | 0.30  | 871  | 740   | 871   |
| 76       | 0     | 0     | 19    | 28    | 21    | 67    | 0.28  | 0.42  | 0.31  | 889  | 740   | 889   |
| 79       | 0     | 0     | 19    | 29    | 21    | 68    | 0.27  | 0.42  | 0.31  | 887  | 730   | 887   |
| 83       | 0     | 0     | 19    | 28    | 22    | 69    | 0.27  | 0.41  | 0.32  | 912  | 735   | 912   |
| 86       | 0     | 0     | 18    | 29    | 22    | 69    | 0.27  | 0.42  | 0.31  | 894  | 740   | 894   |
| 90       | 0     | 0     | 18    | 28    | 21    | 67    | 0.27  | 0.42  | 0.31  | 885  | 740   | 885   |
| 94       | 0     | 0     | 19    | 28    | 20    | 66    | 0.29  | 0.43  | 0.30  | 857  | 730   | 857   |
| 97       | 0     | 0     | 16    | 23    | 17    | 58    | 0.28  | 0.40  | 0.29  | 821  | 730   | 821   |
| 101      | 0     | 0     | 18    | 24    | 18    | 61    | 0.30  | 0.40  | 0.29  | 842  | 730   | 842   |
| 104      | 0     | 0     | 18    | 26    | 18    | 63    | 0.28  | 0.41  | 0.29  | 851  | 725   | 851   |
| 108      | 0     | 0     | 18    | 24    | 18    | 62    | 0.29  | 0.39  | 0.29  | 848  | 725   | 848   |
| 112      | 0     | 0     | 18    | 23    | 18    | 61    | 0.29  | 0.38  | 0.29  | 851  | 725   | 851   |
| 115      | 0     | 0     | 18    | 23    | 18    | 60    | 0.30  | 0.39  | 0.30  | 845  | 725   | 845   |
| 119      | 0     | 0     | 19    | 25    | 19    | 64    | 0.29  | 0.40  | 0.30  | 887  | 720   | 887   |
| 122      | 0     | 0     | 18    | 25    | 19    | 65    | 0.27  | 0.39  | 0.30  | 879  | 720   | 879   |
| 126      | 0     | 0     | 18    | 24    | 19    | 63    | 0.29  | 0.38  | 0.30  | 877  | 720   | 877   |
| 130      | 0     | 0     | 18    | 26    | 20    | 6     | 0.28  | 0.41  | 0.30  | 880  | 720   | 880   |
| 133      | 0     | 0     | 19    | 29    | 21    | 67    | 0.28  | 0.43  | 0.31  | 870  | 710   | 870   |
| 137      | 0     | 0     | 19    | 29    | 21    | 67    | 0.28  | 0.44  | 0.32  | 876  | 710   | 876   |
| 140      | 0     | 0     | 19    | 29    | 21    | 67    | 0.29  | 0.42  | 0.32  | 893  | 710   | 893   |
| 144      | 0     | 0     | 19    | 29    | 21    | 67    | 0.29  | 0.44  | 0.32  | 875  | 710   | 875   |
| 148      | 0     | 0     | 19    | 28    | 21    | 67    | 0.29  | 0.43  | 0.32  | 886  | 715   | 886   |
| 151      | 0     | 0     | 19    | 28    | 20    | 66    | 0.29  | 0.43  | 0.31  | 878  | 715   | 878   |
| 155      | 0     | 0     | 19    | 27    | 20    | 65    | 0.29  | 0.42  | 0.31  | 877  | 715   | 877   |
| 158      | 0     | 0     | 19    | 28    | 20    | 65    | 0.30  | 0.43  | 0.31  | 868  | 720   | 868   |
| 162      | 0     | 0     | 19    | 28    | 20    | 65    | 0.29  | 0.42  | 0.31  | 872  | 720   | 872   |
| 166      | 0     | 0     | 19    | 28    | 20    | 65    | 0.29  | 0.43  | 0.30  | 859  | 710   | 859   |
| 169      | 0     | 0     | 19    | 28    | 20    | 66    | 0.29  | 0.42  | 0.31  | 879  | 705   | 879   |
| 173      | 0     | 0     | 20    | 27    | 21    | 66    | 0.30  | 0.42  | 0.32  | 891  | 705   | 891   |
| 176      | 0     | 0     | 19    | 28    | 21    | 66    | 0.29  | 0.43  | 0.32  | 881  | 705   | 881   |
| B65490 : |       |       |       |       |       |       |       |       |       |      |       |       |
| 90       | 0     | 0     | 19    | 19    | 14    | 53    | 0.36  | 0.36  | 0.26  | 732  | 480   | 732   |
| 94       | 0     | 0     | 19    | 19    | 14    | 53    | 0.36  | 0.36  | 0.26  | 731  | 480   | 731   |
| 97       | 0     | 0     | 19    | 19    | 14    | 53    | 0.37  | 0.35  | 0.26  | 726  | 480   | 726   |
| 101      | 0     | 0     | 19    | 19    | 13    | 53    | 0.35  | 0.36  | 0.25  | 725  | 480   | 725   |
| 104      | 0     | 0     | 19    | 19    | 13    | 53    | 0.36  | 0.36  | 0.25  | 722  | 480   | 722   |
| 108      | 0     | 0     | 18    | 19    | 14    | 53    | 0.35  | 0.36  | 0.27  | 746  | 480   | 746   |
| 112      | 0     | 0     | 19    | 19    | 15    | 55    | 0.35  | 0.35  | 0.27  | 758  | 480   | 758   |
| 115      | 0     | 0     | 19    | 19    | 14    | 53    | 0.35  | 0.36  | 0.27  | 752  | 480   | 752   |

| ANGLE    | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 119      | 0     | 0     | 18    | 18    | 14    | 53            | 0.35          | 0.37          | 0.27          | 745          | 480           | 745                   |
| 122      | 0     | 0     | 18    | 18    | 14    | 53            | 0.33          | 0.36          | 0.26          | 736          | 480           | 736                   |
| 126      | 0     | 0     | 18    | 18    | 13    | 51            | 0.34          | 0.35          | 0.26          | 717          | 420           | 717                   |
| 130      | 0     | 0     | 17    | 19    | 14    | 52            | 0.34          | 0.35          | 0.26          | 722          | 420           | 722                   |
| 133      | 0     | 0     | 18    | 19    | 14    | 51            | 0.35          | 0.36          | 0.28          | 735          | 420           | 735                   |
| 137      | 0     | 0     | 19    | 19    | 14    | 53            | 0.35          | 0.36          | 0.27          | 747          | 420           | 747                   |
| 140      | 0     | 0     | 18    | 19    | 14    | 52            | 0.34          | 0.36          | 0.27          | 743          | 420           | 743                   |
| 144      | 0     | 0     | 18    | 19    | 15    | 53            | 0.35          | 0.36          | 0.28          | 757          | 420           | 757                   |
| 148      | 0     | 0     | 18    | 19    | 15    | 54            | 0.34          | 0.36          | 0.28          | 767          | 420           | 767                   |
| 151      | 0     | 0     | 19    | 20    | 15    | 54            | 0.35          | 0.37          | 0.28          | 781          | 420           | 781                   |
| 155      | 0     | 0     | 19    | 21    | 16    | 55            | 0.34          | 0.38          | 0.29          | 796          | 420           | 796                   |
| 158      | 0     | 0     | 19    | 21    | 15    | 55            | 0.34          | 0.37          | 0.28          | 778          | 420           | 778                   |
| 162      | 0     | 0     | 18    | 20    | 15    | 54            | 0.33          | 0.37          | 0.27          | 763          | 420           | 763                   |
| 166      | 0     | 0     | 18    | 20    | 15    | 53            | 0.34          | 0.38          | 0.29          | 767          | 420           | 767                   |
| 169      | 0     | 0     | 17    | 18    | 14    | 49            | 0.35          | 0.37          | 0.29          | 744          | 420           | 744                   |
| 173      | 0     | 0     | 17    | 18    | 14    | 50            | 0.34          | 0.37          | 0.29          | 738          | 420           | 738                   |
| 176      | 0     | 0     | 16    | 18    | 15    | 49            | 0.33          | 0.38          | 0.30          | 749          | 410           | 749                   |
| 180      | 0     | 0     | 16    | 19    | 15    | 49            | 0.33          | 0.38          | 0.30          | 751          | 410           | 751                   |
| 184      | 0     | 0     | 16    | 18    | 15    | 49            | 0.34          | 0.37          | 0.30          | 743          | 410           | 743                   |
| 187      | 0     | 0     | 16    | 18    | 15    | 48            | 0.33          | 0.38          | 0.31          | 753          | 410           | 753                   |
| 191      | 0     | 0     | 16    | 17    | 15    | 47            | 0.34          | 0.37          | 0.32          | 745          | 410           | 745                   |
| 194      | 0     | 0     | 15    | 17    | 14    | 46            | 0.33          | 0.37          | 0.30          | 715          | 410           | 715                   |
| 198      | 0     | 0     | 15    | 17    | 13    | 45            | 0.34          | 0.37          | 0.29          | 684          | 410           | 684                   |
| 202      | 0     | 0     | 16    | 17    | 13    | 46            | 0.35          | 0.37          | 0.29          | 699          | 400           | 699                   |
| 205      | 0     | 0     | 16    | 17    | 14    | 45            | 0.36          | 0.37          | 0.31          | 720          | 400           | 720                   |
| 209      | 0     | 0     | 16    | 17    | 15    | 46            | 0.35          | 0.37          | 0.31          | 736          | 400           | 736                   |
| 212      | 0     | 0     | 17    | 17    | 15    | 48            | 0.34          | 0.36          | 0.30          | 744          | 400           | 744                   |
| 216      | 0     | 0     | 17    | 18    | 15    | 48            | 0.35          | 0.36          | 0.31          | 751          | 400           | 751                   |
| 220      | 0     | 0     | 17    | 17    | 15    | 49            | 0.34          | 0.35          | 0.30          | 742          | 400           | 742                   |
| 223      | 0     | 0     | 17    | 18    | 15    | 50            | 0.34          | 0.36          | 0.30          | 755          | 420           | 755                   |
| 227      | 0     | 0     | 18    | 19    | 15    | 53            | 0.34          | 0.36          | 0.29          | 770          | 420           | 770                   |
| 230      | 0     | 0     | 15    | 18    | 15    | 55            | 0.31          | 0.33          | 0.27          | 755          | 420           | 755                   |
| 234      | 0     | 0     | 18    | 17    | 14    | 53            | 0.29          | 0.33          | 0.27          | 737          | 420           | 737                   |
| 238      | 0     | 0     | 18    | 20    | 15    | 54            | 0.34          | 0.36          | 0.27          | 764          | 420           | 764                   |
| 241      | 0     | 0     | 19    | 20    | 15    | 55            | 0.35          | 0.36          | 0.28          | 781          | 600           | 781                   |
| 245      | 0     | 0     | 19    | 20    | 16    | 56            | 0.33          | 0.36          | 0.28          | 797          | 600           | 797                   |
| 248      | 0     | 0     | 19    | 21    | 16    | 56            | 0.34          | 0.36          | 0.28          | 795          | 600           | 795                   |
| 252      | 0     | 0     | 19    | 20    | 16    | 56            | 0.34          | 0.36          | 0.28          | 793          | 600           | 793                   |
| 256      | 0     | 0     | 19    | 20    | 16    | 56            | 0.34          | 0.36          | 0.29          | 798          | 600           | 798                   |
| 259      | 0     | 0     | 18    | 20    | 16    | 56            | 0.33          | 0.36          | 0.29          | 795          | 600           | 795                   |
| 263      | 0     | 0     | 18    | 19    | 16    | 54            | 0.34          | 0.36          | 0.29          | 786          | 600           | 786                   |
| 266      | 0     | 0     | 19    | 20    | 16    | 57            | 0.33          | 0.36          | 0.28          | 800          | 600           | 800                   |
| 270      | 0     | 0     | 20    | 22    | 16    | 59            | 0.34          | 0.38          | 0.27          | 798          | 600           | 798                   |
| 274      | 0     | 0     | 20    | 22    | 16    | 58            | 0.34          | 0.38          | 0.27          | 797          | 600           | 797                   |
| B65491 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 130      | 0     | 0     | 19    | 22    | 15    | 55            | 0.34          | 0.40          | 0.27          | 771          | 440           | 771                   |
| 133      | 0     | 0     | 16    | 18    | 12    | 49            | 0.32          | 0.37          | 0.24          | 673          | 440           | 673                   |
| 137      | 0     | 0     | 17    | 19    | 13    | 49            | 0.35          | 0.38          | 0.27          | 712          | 440           | 712                   |
| 140      | 0     | 0     | 18    | 21    | 15    | 53            | 0.33          | 0.39          | 0.28          | 761          | 440           | 761                   |
| 144      | 0     | 0     | 14    | 17    | 11    | 43            | 0.33          | 0.40          | 0.26          | 642          | 440           | 642                   |
| 148      | 0     | 0     | 16    | 19    | 12    | 47            | 0.33          | 0.39          | 0.26          | 679          | 420           | 679                   |
| 151      | 0     | 0     | 16    | 18    | 12    | 48            | 0.33          | 0.39          | 0.24          | 662          | 420           | 662                   |
| 155      | 0     | 0     | 19    | 23    | 16    | 59            | 0.33          | 0.39          | 0.27          | 805          | 420           | 805                   |
| 158      | 0     | 0     | 20    | 22    | 16    | 58            | 0.35          | 0.39          | 0.27          | 790          | 420           | 790                   |

| ANGLE    | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 162      | 0     | 0     | 20    | 22    | 15    | 57            | 0.35          | 0.38          | 0.27          | 782          | 420           | 782                   |
| 166      | 0     | 0     | 18    | 20    | 15    | 53            | 0.34          | 0.38          | 0.27          | 761          | 420           | 761                   |
| 169      | 0     | 0     | 16    | 17    | 13    | 49            | 0.32          | 0.34          | 0.26          | 681          | 420           | 681                   |
| 173      | 0     | 0     | 15    | 17    | 12    | 45            | 0.33          | 0.37          | 0.27          | 662          | 420           | 662                   |
| 176      | 0     | 0     | 18    | 20    | 15    | 52            | 0.34          | 0.39          | 0.28          | 762          | 420           | 762                   |
| 180      | 0     | 0     | 18    | 20    | 15    | 52            | 0.35          | 0.38          | 0.28          | 760          | 420           | 760                   |
| 184      | 0     | 0     | 19    | 22    | 16    | 56            | 0.34          | 0.39          | 0.29          | 805          | 450           | 805                   |
| 187      | 0     | 0     | 19    | 20    | 15    | 54            | 0.35          | 0.38          | 0.28          | 770          | 430           | 770                   |
| 191      | 0     | 0     | 19    | 21    | 15    | 55            | 0.34          | 0.39          | 0.28          | 778          | 420           | 778                   |
| 194      | 0     | 0     | 19    | 21    | 15    | 54            | 0.36          | 0.39          | 0.29          | 785          | 420           | 785                   |
| 198      | 0     | 0     | 19    | 21    | 15    | 54            | 0.35          | 0.39          | 0.27          | 765          | 420           | 765                   |
| 202      | 0     | 0     | 17    | 19    | 14    | 52            | 0.33          | 0.37          | 0.26          | 731          | 410           | 731                   |
| 205      | 0     | 0     | 16    | 17    | 12    | 52            | 0.31          | 0.34          | 0.24          | 678          | 410           | 678                   |
| 209      | 0     | 0     | 19    | 21    | 15    | 53            | 0.36          | 0.39          | 0.29          | 779          | 410           | 779                   |
| 212      | 0     | 0     | 19    | 21    | 15    | 56            | 0.35          | 0.38          | 0.28          | 782          | 420           | 782                   |
| 216      | 0     | 0     | 19    | 21    | 15    | 53            | 0.35          | 0.39          | 0.29          | 773          | 420           | 773                   |
| 220      | 0     | 0     | 18    | 20    | 16    | 53            | 0.35          | 0.38          | 0.30          | 790          | 420           | 790                   |
| 223      | 0     | 0     | 20    | 21    | 16    | 54            | 0.36          | 0.38          | 0.30          | 808          | 440           | 808                   |
| 227      | 0     | 0     | 20    | 23    | 17    | 57            | 0.36          | 0.40          | 0.30          | 832          | 450           | 832                   |
| C67381 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 90       | 0     | 0     | 13    | 15    | 9     | 58            | 0.23          | 0.25          | 0.16          | 573          | 400           | 573                   |
| 94       | 0     | 0     | 11    | 14    | 9     | 54            | 0.21          | 0.26          | 0.17          | 560          | 400           | 560                   |
| 97       | 0     | 0     | 12    | 14    | 9     | 56            | 0.21          | 0.25          | 0.16          | 560          | 380           | 560                   |
| 101      | 0     | 0     | 12    | 14    | 9     | 56            | 0.22          | 0.25          | 0.17          | 565          | 380           | 565                   |
| 104      | 0     | 0     | 12    | 14    | 9     | 55            | 0.23          | 0.26          | 0.17          | 562          | 380           | 562                   |
| 108      | 0     | 0     | 13    | 14    | 10    | 53            | 0.24          | 0.27          | 0.18          | 577          | 380           | 577                   |
| 112      | 0     | 0     | 14    | 15    | 10    | 52            | 0.27          | 0.29          | 0.20          | 600          | 380           | 600                   |
| 115      | 0     | 0     | 15    | 16    | 11    | 52            | 0.28          | 0.30          | 0.21          | 630          | 380           | 630                   |
| 119      | 0     | 0     | 15    | 16    | 12    | 51            | 0.30          | 0.32          | 0.23          | 658          | 380           | 658                   |
| 122      | 0     | 0     | 16    | 17    | 13    | 50            | 0.32          | 0.34          | 0.25          | 680          | 380           | 680                   |
| 126      | 0     | 0     | 16    | 17    | 13    | 50            | 0.32          | 0.34          | 0.25          | 679          | 380           | 679                   |
| 130      | 0     | 0     | 17    | 17    | 13    | 51            | 0.32          | 0.33          | 0.25          | 684          | 380           | 684                   |
| 133      | 0     | 0     | 17    | 17    | 12    | 51            | 0.32          | 0.33          | 0.24          | 678          | 380           | 678                   |
| 137      | 0     | 0     | 17    | 19    | 13    | 51            | 0.33          | 0.34          | 0.25          | 690          | 380           | 690                   |
| 140      | 0     | 0     | 17    | 19    | 14    | 51            | 0.32          | 0.36          | 0.26          | 730          | 380           | 730                   |
| 144      | 0     | 0     | 17    | 19    | 14    | 51            | 0.33          | 0.37          | 0.27          | 739          | 380           | 739                   |
| 148      | 0     | 0     | 17    | 19    | 14    | 51            | 0.33          | 0.37          | 0.28          | 747          | 380           | 747                   |
| 151      | 0     | 0     | 17    | 19    | 14    | 52            | 0.33          | 0.38          | 0.28          | 754          | 380           | 754                   |
| 155      | 0     | 0     | 17    | 19    | 14    | 51            | 0.33          | 0.38          | 0.28          | 741          | 380           | 741                   |
| 158      | 0     | 0     | 17    | 19    | 14    | 51            | 0.35          | 0.36          | 0.28          | 750          | 380           | 750                   |
| 162      | 0     | 0     | 17    | 19    | 14    | 52            | 0.34          | 0.37          | 0.28          | 742          | 380           | 742                   |
| 166      | 0     | 0     | 17    | 19    | 14    | 51            | 0.34          | 0.37          | 0.28          | 739          | 380           | 739                   |
| 169      | 0     | 0     | 17    | 19    | 14    | 50            | 0.34          | 0.38          | 0.28          | 744          | 380           | 744                   |
| 173      | 0     | 0     | 18    | 19    | 14    | 51            | 0.34          | 0.37          | 0.28          | 748          | 380           | 748                   |
| 176      | 0     | 0     | 17    | 19    | 14    | 51            | 0.34          | 0.37          | 0.29          | 749          | 380           | 749                   |
| 180      | 0     | 0     | 17    | 19    | 15    | 50            | 0.34          | 0.38          | 0.29          | 755          | 420           | 755                   |
| 184      | 0     | 0     | 17    | 18    | 15    | 50            | 0.34          | 0.37          | 0.29          | 752          | 420           | 752                   |
| 187      | 0     | 0     | 17    | 19    | 15    | 51            | 0.34          | 0.38          | 0.29          | 757          | 420           | 757                   |
| 191      | 0     | 0     | 17    | 19    | 15    | 52            | 0.34          | 0.37          | 0.28          | 755          | 400           | 755                   |
| 194      | 0     | 0     | 17    | 20    | 15    | 52            | 0.33          | 0.37          | 0.28          | 755          | 400           | 755                   |
| 198      | 0     | 0     | 17    | 19    | 14    | 52            | 0.33          | 0.37          | 0.28          | 751          | 400           | 751                   |
| 202      | 0     | 0     | 18    | 20    | 15    | 53            | 0.34          | 0.38          | 0.28          | 766          | 400           | 766                   |
| 205      | 0     | 0     | 19    | 21    | 16    | 56            | 0.33          | 0.37          | 0.28          | 788          | 400           | 788                   |
| 209      | 0     | 0     | 18    | 21    | 15    | 56            | 0.33          | 0.38          | 0.28          | 787          | 400           | 787                   |

| ANGLE    | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 212      | 0     | 0     | 18    | 21    | 16    | 55            | 0.34          | 0.38          | 0.29          | 794          | 400           | 794                   |
| 216      | 0     | 0     | 18    | 21    | 15    | 55            | 0.32          | 0.38          | 0.28          | 786          | 400           | 786                   |
| 220      | 0     | 0     | 18    | 21    | 16    | 56            | 0.33          | 0.38          | 0.28          | 795          | 400           | 795                   |
| 223      | 0     | 0     | 18    | 21    | 16    | 57            | 0.33          | 0.37          | 0.28          | 790          | 400           | 790                   |
| 227      | 0     | 0     | 19    | 22    | 16    | 57            | 0.32          | 0.38          | 0.28          | 805          | 400           | 805                   |
| 230      | 0     | 0     | 19    | 22    | 16    | 56            | 0.33          | 0.38          | 0.28          | 797          | 400           | 797                   |
| 234      | 0     | 0     | 19    | 21    | 15    | 57            | 0.33          | 0.38          | 0.28          | 788          | 400           | 788                   |
| 238      | 0     | 0     | 19    | 22    | 15    | 58            | 0.33          | 0.38          | 0.27          | 787          | 400           | 787                   |
| 241      | 0     | 0     | 19    | 22    | 16    | 55            | 0.33          | 0.38          | 0.27          | 792          | 400           | 792                   |
| 245      | 0     | 0     | 19    | 23    | 16    | 58            | 0.32          | 0.39          | 0.28          | 791          | 400           | 791                   |
| C6B433 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 101      | 38    | 0     | 21    | 33    | 24    | 76            | 0.28          | 0.43          | 0.32          | 888          | 740           | 888                   |
| 104      | 6     | 0     | 22    | 35    | 24    | 77            | 0.28          | 0.45          | 0.31          | 849          | 740           | 849                   |
| 108      | 5     | 0     | 22    | 34    | 25    | 77            | 0.28          | 0.44          | 0.32          | 882          | 735           | 882                   |
| 112      | 5     | 0     | 23    | 34    | 25    | 77            | 0.29          | 0.44          | 0.32          | 876          | 735           | 876                   |
| 115      | 2     | 0     | 22    | 34    | 25    | 79            | 0.28          | 0.43          | 0.32          | 890          | 730           | 890                   |
| 119      | 6     | 0     | 21    | 33    | 25    | 75            | 0.28          | 0.44          | 0.33          | 892          | 740           | 892                   |
| 122      | 31    | 0     | 22    | 32    | 24    | 75            | 0.29          | 0.43          | 0.32          | 888          | 750           | 888                   |
| 126      | 5     | 0     | 22    | 33    | 24    | 76            | 0.29          | 0.44          | 0.32          | 878          | 760           | 878                   |
| 130      | 0     | 0     | 22    | 32    | 24    | 74            | 0.30          | 0.44          | 0.32          | 888          | 750           | 888                   |
| 133      | 19    | 0     | 21    | 32    | 25    | 74            | 0.29          | 0.44          | 0.34          | 905          | 745           | 905                   |
| 137      | 1     | 0     | 21    | 30    | 25    | 73            | 0.29          | 0.42          | 0.34          | 936          | 750           | 936                   |
| 140      | 1     | 0     | 21    | 30    | 24    | 71            | 0.30          | 0.43          | 0.34          | 928          | 750           | 928                   |
| 144      | 0     | 0     | 21    | 30    | 24    | 70            | 0.30          | 0.43          | 0.34          | 915          | 750           | 915                   |
| 148      | 0     | 0     | 21    | 30    | 23    | 71            | 0.30          | 0.42          | 0.33          | 917          | 750           | 917                   |
| 151      | 0     | 0     | 20    | 29    | 23    | 70            | 0.29          | 0.42          | 0.33          | 919          | 750           | 919                   |
| 155      | 0     | 0     | 20    | 30    | 23    | 70            | 0.29          | 0.42          | 0.33          | 916          | 760           | 916                   |
| 158      | 0     | 0     | 20    | 30    | 23    | 69            | 0.29          | 0.44          | 0.33          | 899          | 755           | 899                   |
| 162      | 0     | 0     | 20    | 30    | 23    | 69            | 0.29          | 0.43          | 0.33          | 912          | 755           | 912                   |
| 166      | 0     | 0     | 20    | 30    | 22    | 68            | 0.29          | 0.44          | 0.32          | 885          | 760           | 885                   |
| 169      | 0     | 0     | 20    | 30    | 21    | 68            | 0.29          | 0.43          | 0.31          | 880          | 760           | 880                   |
| 173      | 0     | 0     | 20    | 30    | 21    | 68            | 0.29          | 0.43          | 0.31          | 874          | 765           | 874                   |
| 176      | 0     | 0     | 19    | 29    | 20    | 68            | 0.29          | 0.43          | 0.30          | 869          | 765           | 869                   |
| 180      | 0     | 0     | 20    | 29    | 20    | 68            | 0.29          | 0.43          | 0.30          | 860          | 760           | 860                   |
| 184      | 0     | 0     | 20    | 29    | 21    | 67            | 0.29          | 0.43          | 0.31          | 870          | 770           | 870                   |
| 187      | 0     | 0     | 19    | 29    | 20    | 67            | 0.29          | 0.43          | 0.30          | 857          | 770           | 857                   |
| 191      | 0     | 0     | 19    | 28    | 19    | 66            | 0.29          | 0.42          | 0.29          | 844          | 760           | 844                   |
| 194      | 0     | 0     | 20    | 28    | 19    | 66            | 0.30          | 0.42          | 0.29          | 854          | 760           | 854                   |
| 198      | 0     | 0     | 19    | 28    | 19    | 65            | 0.29          | 0.42          | 0.29          | 844          | 770           | 844                   |
| 202      | 0     | 0     | 19    | 28    | 19    | 64            | 0.30          | 0.44          | 0.29          | 829          | 770           | 829                   |
| 205      | 0     | 0     | 20    | 28    | 19    | 65            | 0.30          | 0.42          | 0.29          | 851          | 760           | 851                   |
| 209      | 0     | 0     | 19    | 27    | 19    | 65            | 0.29          | 0.41          | 0.29          | 854          | 770           | 854                   |
| 212      | 0     | 0     | 19    | 28    | 20    | 66            | 0.29          | 0.42          | 0.30          | 865          | 755           | 865                   |
| 216      | 0     | 0     | 19    | 29    | 20    | 67            | 0.29          | 0.43          | 0.30          | 867          | 760           | 867                   |
| 220      | 0     | 0     | 20    | 30    | 23    | 69            | 0.29          | 0.44          | 0.33          | 889          | 760           | 889                   |
| 223      | 0     | 0     | 21    | 31    | 25    | 71            | 0.29          | 0.43          | 0.35          | 925          | 760           | 925                   |
| 227      | 2     | 0     | 21    | 32    | 25    | 73            | 0.29          | 0.44          | 0.34          | 908          | 760           | 908                   |
| 230      | 3     | 0     | 23    | 33    | 25    | 74            | 0.31          | 0.45          | 0.34          | 884          | 760           | 884                   |
| 234      | 33    | 0     | 23    | 34    | 26    | 7             | 0.31          | 0.46          | 0.35          | 881          | 760           | 881                   |
| C6B516 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 90       | 0     | 0     | 17    | 22    | 16    | 55            | 0.31          | 0.39          | 0.29          | 806          | 720           | 806                   |
| 94       | 0     | 0     | 17    | 24    | 16    | 58            | 0.30          | 0.41          | 0.28          | 809          | 700           | 809                   |
| 97       | 0     | 0     | 18    | 25    | 17    | 61            | 0.30          | 0.41          | 0.29          | 827          | 700           | 827                   |
| 101      | 0     | 0     | 18    | 25    | 17    | 60            | 0.30          | 0.41          | 0.28          | 821          | 700           | 821                   |

| ANGLE    | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 104      | 0     | 0     | 17    | 20    | 14    | 52            | 0.32          | 0.39          | 0.28          | 752          | 580           | 752                   |
| 108      | 0     | 0     | 16    | 20    | 15    | 54            | 0.31          | 0.37          | 0.28          | 766          | 580           | 766                   |
| 112      | 0     | 0     | 17    | 21    | 15    | 53            | 0.31          | 0.39          | 0.29          | 777          | 580           | 777                   |
| 115      | 0     | 0     | 15    | 21    | 15    | 49            | 0.31          | 0.38          | 0.30          | 746          | 580           | 746                   |
| 119      | 0     | 0     | 17    | 18    | 16    | 57            | 0.30          | 0.39          | 0.28          | 801          | 580           | 801                   |
| 122      | 0     | 0     | 17    | 22    | 15    | 54            | 0.32          | 0.39          | 0.29          | 780          | 580           | 780                   |
| 126      | 0     | 0     | 16    | 21    | 16    | 49            | 0.32          | 0.36          | 0.28          | 712          | 540           | 712                   |
| 130      | 0     | 0     | 16    | 17    | 15    | 51            | 0.31          | 0.37          | 0.28          | 745          | 580           | 745                   |
| 133      | 0     | 0     | 17    | 19    | 14    | 56            | 0.31          | 0.38          | 0.28          | 792          | 580           | 792                   |
| 137      | 0     | 0     | 16    | 21    | 14    | 51            | 0.31          | 0.36          | 0.27          | 720          | 580           | 720                   |
| 151      | 0     | 0     | 17    | 20    | 15    | 54            | 0.31          | 0.37          | 0.27          | 767          | 620           | 767                   |
| 155      | 0     | 0     | 18    | 22    | 16    | 58            | 0.32          | 0.38          | 0.27          | 798          | 620           | 798                   |
| 158      | 0     | 0     | 16    | 17    | 13    | 50            | 0.31          | 0.35          | 0.26          | 701          | 580           | 701                   |
| 162      | 0     | 0     | 16    | 18    | 14    | 52            | 0.31          | 0.35          | 0.27          | 730          | 580           | 730                   |
| 166      | 0     | 0     | 16    | 18    | 14    | 50            | 0.33          | 0.37          | 0.27          | 729          | 580           | 729                   |
| 169      | 0     | 0     | 18    | 21    | 16    | 57            | 0.32          | 0.38          | 0.27          | 790          | 580           | 790                   |
| 173      | 0     | 0     | 17    | 20    | 15    | 55            | 0.32          | 0.37          | 0.28          | 780          | 580           | 780                   |
| 176      | 0     | 0     | 17    | 20    | 15    | 54            | 0.32          | 0.36          | 0.28          | 768          | 580           | 768                   |
| 180      | 0     | 0     | 17    | 20    | 15    | 55            | 0.31          | 0.36          | 0.28          | 773          | 580           | 773                   |
| 184      | 0     | 0     | 17    | 20    | 15    | 55            | 0.32          | 0.37          | 0.27          | 769          | 550           | 769                   |
| 187      | 0     | 0     | 13    | 17    | 11    | 48            | 0.27          | 0.35          | 0.24          | 646          | 550           | 646                   |
| 191      | 0     | 0     | 13    | 17    | 12    | 52            | 0.26          | 0.33          | 0.24          | 672          | 550           | 672                   |
| 194      | 0     | 0     | 15    | 19    | 14    | 58            | 0.26          | 0.33          | 0.24          | 738          | 550           | 738                   |
| 198      | 0     | 0     | 17    | 20    | 16    | 53            | 0.32          | 0.38          | 0.30          | 794          | 550           | 794                   |
| 202      | 0     | 0     | 17    | 21    | 16    | 54            | 0.32          | 0.38          | 0.31          | 807          | 550           | 807                   |
| 205      | 0     | 0     | 14    | 17    | 13    | 47            | 0.30          | 0.37          | 0.28          | 705          | 550           | 705                   |
| 209      | 0     | 0     | 18    | 21    | 17    | 54            | 0.33          | 0.40          | 0.32          | 826          | 550           | 826                   |
| 212      | 0     | 0     | 18    | 22    | 17    | 54            | 0.33          | 0.40          | 0.32          | 828          | 550           | 828                   |
| 216      | 0     | 0     | 18    | 22    | 17    | 54            | 0.33          | 0.41          | 0.32          | 827          | 550           | 827                   |
| 220      | 0     | 0     | 18    | 21    | 17    | 53            | 0.34          | 0.40          | 0.33          | 830          | 550           | 830                   |
| 223      | 0     | 0     | 17    | 20    | 15    | 50            | 0.33          | 0.40          | 0.30          | 770          | 550           | 770                   |
| 227      | 0     | 0     | 19    | 24    | 18    | 59            | 0.32          | 0.41          | 0.30          | 840          | 600           | 840                   |
| 230      | 0     | 0     | 20    | 26    | 20    | 63            | 0.31          | 0.41          | 0.31          | 872          | 600           | 872                   |
| 234      | 0     | 0     | 20    | 24    | 18    | 59            | 0.33          | 0.40          | 0.30          | 849          | 600           | 849                   |
| 238      | 0     | 0     | 18    | 22    | 16    | 57            | 0.32          | 0.39          | 0.29          | 811          | 600           | 811                   |
| 241      | 0     | 0     | 16    | 20    | 15    | 55            | 0.29          | 0.36          | 0.27          | 770          | 600           | 770                   |
| C68B50 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 227      | 0     | 0     | 20    | 30    | 24    | 68            | 0.29          | 0.44          | 0.35          |              | 480           | 0                     |
| 230      | 0     | 0     | 18    | 27    | 22    | 63            | 0.29          | 0.43          | 0.35          |              | 480           | 0                     |
| 234      | 0     | 0     | 20    | 31    | 25    | 73            | 0.28          | 0.43          | 0.36          |              | 480           | 0                     |
| 238      | 0     | 0     | 20    | 31    | 26    | 71            | 0.28          | 0.44          | 0.36          |              | 470           | 0                     |
| 241      | 0     | 0     | 20    | 33    | 25    | 71            | 0.28          | 0.46          | 0.36          |              | 470           | 0                     |
| 245      | 0     | 0     | 20    | 31    | 25    | 70            | 0.28          | 0.44          | 0.36          |              | 470           | 0                     |
| 248      | 0     | 0     | 20    | 31    | 25    | 70            | 0.28          | 0.44          | 0.35          |              | 470           | 0                     |
| 252      | 0     | 0     | 20    | 31    | 24    | 71            | 0.28          | 0.44          | 0.35          |              | 470           | 0                     |
| 256      | 0     | 0     | 20    | 31    | 25    | 70            | 0.29          | 0.44          | 0.35          |              | 470           | 0                     |
| 259      | 0     | 0     | 20    | 30    | 25    | 70            | 0.28          | 0.43          | 0.35          |              | 460           | 0                     |
| 263      | 0     | 0     | 20    | 30    | 24    | 69            | 0.29          | 0.43          | 0.36          |              | 460           | 0                     |
| 266      | 0     | 0     | 20    | 29    | 25    | 69            | 0.29          | 0.44          | 0.35          |              | 460           | 0                     |
| 270      | 0     | 0     | 20    | 30    | 24    | 68            | 0.29          | 0.44          | 0.36          |              | 460           | 0                     |
| 274      | 0     | 0     | 19    | 30    | 24    | 68            | 0.28          | 0.43          | 0.36          |              | 460           | 0                     |
| 277      | 0     | 0     | 20    | 30    | 24    | 68            | 0.29          | 0.44          | 0.35          |              | 460           | 0                     |
| 281      | 0     | 0     | 20    | 30    | 24    | 67            | 0.30          | 0.44          | 0.36          |              | 460           | 0                     |
| 284      | 0     | 0     | 20    | 30    | 24    | 68            | 0.29          | 0.44          | 0.35          |              | 440           | 0                     |

|          |       |       |       |       |       | BROAD | 270/  | 370/  | 500/  | EST. | MEAS. | NORM.     |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----------|
| ANGLE    | PHASE | INCLU | 270 K | 370 K | 500 K | BAND  | BBAND | BBAND | BBAND | PEEL | PEEL  | EST. PEEL |
| 288      | 0     | 0     | 20    | 30    | 24    | 68    | 0.30  | 0.44  | 0.35  |      | 420   | 0         |
| 292      | 0     | 0     | 20    | 29    | 24    | 67    | 0.30  | 0.44  | 0.36  |      | 420   | 0         |
| 295      | 0     | 0     | 20    | 30    | 24    | 68    | 0.30  | 0.44  | 0.35  |      | 440   | 0         |
| 299      | 0     | 0     | 20    | 29    | 24    | 68    | 0.30  | 0.43  | 0.36  |      | 460   | 0         |
| 302      | 0     | 0     | 21    | 29    | 24    | 68    | 0.30  | 0.43  | 0.36  |      | 480   | 0         |
| 306      | 0     | 0     | 20    | 30    | 24    | 68    | 0.29  | 0.45  | 0.35  |      | 500   | 0         |
| 310      | 0     | 0     | 21    | 30    | 24    | 67    | 0.31  | 0.44  | 0.35  |      | 500   | 0         |
| 313      | 0     | 0     | 20    | 30    | 23    | 66    | 0.31  | 0.45  | 0.36  |      | 500   | 0         |
| 317      | 0     | 0     | 20    | 30    | 24    | 66    | 0.31  | 0.45  | 0.36  |      | 480   | 0         |
| 320      | 0     | 0     | 20    | 30    | 24    | 65    | 0.31  | 0.46  | 0.36  |      | 480   | 0         |
| 324      | 0     | 0     | 20    | 30    | 24    | 66    | 0.31  | 0.46  | 0.35  |      | 480   | 0         |
| 328      | 0     | 0     | 20    | 31    | 24    | 68    | 0.29  | 0.46  | 0.36  |      | 460   | 0         |
| 331      | 0     | 0     | 20    | 32    | 25    | 70    | 0.29  | 0.46  | 0.35  |      | 460   | 0         |
| 335      | 0     | 0     | 20    | 31    | 24    | 69    | 0.29  | 0.46  | 0.35  |      | 460   | 0         |
| 338      | 0     | 0     | 19    | 27    | 21    | 69    | 0.32  | 0.44  | 0.35  |      | 460   | 0         |
| 342      | 0     | 0     | 19    | 29    | 24    | 65    | 0.30  | 0.45  | 0.36  |      | 460   | 0         |
| 346      | 0     | 0     | 19    | 30    | 24    | 66    | 0.29  | 0.46  | 0.36  |      | 460   | 0         |
| 349      | 1     | 0     | 20    | 31    | 24    | 68    | 0.29  | 0.46  | 0.36  |      | 460   | 0         |
| 353      | 0     | 0     | 20    | 31    | 24    | 68    | 0.30  | 0.46  | 0.36  |      | 460   | 0         |
| 356      | 0     | 0     | 19    | 28    | 22    | 62    | 0.31  | 0.45  | 0.35  |      | 460   | 0         |
| 360      | 0     | 0     | 20    | 29    | 24    | 66    | 0.30  | 0.45  | 0.36  |      | 460   | 0         |
| C68B63 : |       |       |       |       |       |       |       |       |       |      |       |           |
| 227      | 0     | 0     | 15    | 21    | 15    | 56    | 0.27  | 0.37  | 0.27  | 781  | 600   | 781       |
| 230      | 0     | 0     | 15    | 19    | 15    | 55    | 0.28  | 0.34  | 0.27  | 758  | 550   | 758       |
| 234      | 0     | 0     | 15    | 18    | 14    | 53    | 0.27  | 0.34  | 0.26  | 733  | 540   | 733       |
| 238      | 0     | 0     | 18    | 22    | 16    | 59    | 0.30  | 0.37  | 0.28  | 809  | 540   | 809       |
| 241      | 0     | 0     | 16    | 21    | 15    | 52    | 0.31  | 0.40  | 0.29  | 773  | 540   | 773       |
| 245      | 0     | 0     | 13    | 18    | 13    | 45    | 0.30  | 0.40  | 0.30  | 714  | 540   | 714       |
| 248      | 0     | 0     | 17    | 24    | 17    | 56    | 0.31  | 0.44  | 0.31  | 824  | 545   | 824       |
| 252      | 0     | 0     | 16    | 20    | 15    | 55    | 0.28  | 0.36  | 0.27  | 774  | 560   | 774       |
| 281      | 0     | 0     | 17    | 21    | 15    | 52    | 0.32  | 0.40  | 0.29  | 770  | 540   | 770       |
| 284      | 0     | 0     | 17    | 20    | 15    | 59    | 0.29  | 0.34  | 0.25  | 770  | 540   | 770       |
| 288      | 0     | 0     | 16    | 20    | 14    | 57    | 0.27  | 0.35  | 0.25  | 762  | 540   | 762       |
| 292      | 0     | 0     | 16    | 19    | 14    | 55    | 0.29  | 0.35  | 0.26  | 746  | 540   | 746       |
| 295      | 0     | 0     | 15    | 18    | 14    | 53    | 0.29  | 0.34  | 0.26  | 725  | 540   | 725       |
| 299      | 0     | 0     | 12    | 17    | 12    | 42    | 0.30  | 0.42  | 0.28  | 656  | 540   | 656       |
| 302      | 0     | 0     | 12    | 17    | 12    | 43    | 0.29  | 0.39  | 0.28  | 654  | 540   | 654       |
| 306      | 0     | 0     | 12    | 18    | 12    | 45    | 0.27  | 0.39  | 0.28  | 679  | 550   | 679       |
| 310      | 0     | 0     | 17    | 20    | 15    | 58    | 0.29  | 0.35  | 0.26  | 782  | 550   | 782       |
| 313      | 0     | 0     | 17    | 22    | 16    | 56    | 0.31  | 0.39  | 0.29  | 803  | 550   | 803       |
| 317      | 0     | 0     | 17    | 22    | 16    | 53    | 0.33  | 0.41  | 0.30  | 795  | 560   | 795       |
| 320      | 0     | 0     | 18    | 22    | 17    | 56    | 0.31  | 0.39  | 0.29  | 816  | 560   | 816       |
| 324      | 0     | 0     | 18    | 22    | 16    | 55    | 0.32  | 0.39  | 0.30  | 812  | 560   | 812       |
| 328      | 0     | 0     | 18    | 21    | 16    | 56    | 0.31  | 0.38  | 0.28  | 799  | 540   | 799       |
| 331      | 0     | 0     | 17    | 22    | 16    | 54    | 0.32  | 0.41  | 0.30  | 806  | 540   | 806       |
| 335      | 0     | 0     | 17    | 21    | 16    | 56    | 0.31  | 0.38  | 0.29  | 804  | 540   | 804       |
| 338      | 0     | 0     | 18    | 21    | 15    | 54    | 0.32  | 0.38  | 0.28  | 780  | 500   | 780       |
| 342      | 0     | 0     | 18    | 22    | 16    | 56    | 0.32  | 0.39  | 0.29  | 804  | 500   | 804       |
| 346      | 0     | 0     | 18    | 22    | 16    | 57    | 0.32  | 0.38  | 0.28  | 805  | 480   | 805       |
| 349      | 0     | 0     | 19    | 23    | 18    | 57    | 0.32  | 0.41  | 0.31  | 840  | 480   | 840       |
| 353      | 0     | 0     | 15    | 18    | 14    | 48    | 0.32  | 0.38  | 0.29  | 733  | 480   | 733       |
| 356      | 0     | 0     | 18    | 20    | 16    | 56    | 0.32  | 0.36  | 0.28  | 792  | 480   | 792       |
| 360      | 0     | 0     | 18    | 22    | 17    | 58    | 0.32  | 0.38  | 0.30  | 838  | 480   | 838       |
| C69205 : |       |       |       |       |       |       |       |       |       |      |       |           |

| ANGLE    | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 241      | 0     | 0     | 11    | 16    | 11    | 52            | 0.21          | 0.30          | 0.21          | 625          | 330           | 625                   |
| 245      | 0     | 0     | 11    | 16    | 11    | 52            | 0.21          | 0.30          | 0.21          | 626          | 330           | 626                   |
| 248      | 0     | 0     | 11    | 16    | 11    | 53            | 0.21          | 0.31          | 0.21          | 638          | 340           | 638                   |
| 252      | 0     | 0     | 11    | 15    | 10    | 47            | 0.22          | 0.33          | 0.22          | 595          | 340           | 595                   |
| 256      | 0     | 0     | 10    | 15    | 10    | 48            | 0.22          | 0.32          | 0.21          | 581          | 340           | 581                   |
| 259      | 0     | 0     | 11    | 16    | 10    | 48            | 0.22          | 0.33          | 0.21          | 594          | 340           | 594                   |
| 263      | 0     | 0     | 10    | 16    | 10    | 48            | 0.21          | 0.33          | 0.20          | 581          | 340           | 581                   |
| 266      | 0     | 0     | 11    | 15    | 10    | 47            | 0.23          | 0.33          | 0.21          | 581          | 340           | 581                   |
| 270      | 0     | 0     | 10    | 15    | 10    | 48            | 0.21          | 0.32          | 0.20          | 578          | 320           | 578                   |
| 274      | 0     | 0     | 10    | 16    | 10    | 47            | 0.22          | 0.34          | 0.20          | 578          | 320           | 578                   |
| 277      | 0     | 0     | 10    | 15    | 9     | 41            | 0.24          | 0.36          | 0.22          | 550          | 320           | 550                   |
| 281      | 0     | 0     | 10    | 15    | 9     | 41            | 0.24          | 0.36          | 0.22          | 550          | 320           | 550                   |
| 284      | 0     | 0     | 10    | 14    | 9     | 40            | 0.25          | 0.36          | 0.23          | 543          | 320           | 543                   |
| 288      | 0     | 0     | 10    | 14    | 9     | 39            | 0.25          | 0.37          | 0.24          | 546          | 340           | 546                   |
| 292      | 0     | 0     | 10    | 14    | 9     | 39            | 0.25          | 0.36          | 0.23          | 540          | 340           | 540                   |
| 295      | 0     | 0     | 10    | 14    | 9     | 39            | 0.25          | 0.36          | 0.24          | 547          | 330           | 547                   |
| 299      | 0     | 0     | 10    | 14    | 10    | 39            | 0.26          | 0.37          | 0.25          | 555          | 330           | 555                   |
| 302      | 0     | 0     | 10    | 14    | 9     | 38            | 0.27          | 0.37          | 0.25          | 549          | 330           | 549                   |
| 306      | 0     | 0     | 9     | 14    | 10    | 41            | 0.22          | 0.34          | 0.23          | 554          | 330           | 554                   |
| 310      | 0     | 0     | 10    | 14    | 10    | 42            | 0.23          | 0.35          | 0.25          | 578          | 330           | 578                   |
| 313      | 0     | 0     | 9     | 14    | 10    | 42            | 0.21          | 0.34          | 0.24          | 571          | 310           | 571                   |
| 317      | 0     | 0     | 9     | 14    | 10    | 41            | 0.22          | 0.35          | 0.24          | 564          | 300           | 564                   |
| 320      | 0     | 0     | 9     | 15    | 10    | 42            | 0.21          | 0.35          | 0.23          | 566          | 300           | 566                   |
| 324      | 0     | 0     | 9     | 15    | 10    | 41            | 0.22          | 0.36          | 0.23          | 562          | 300           | 562                   |
| 328      | 0     | 0     | 9     | 15    | 10    | 42            | 0.22          | 0.36          | 0.23          | 572          | 290           | 572                   |
| 331      | 0     | 0     | 9     | 15    | 10    | 42            | 0.21          | 0.37          | 0.24          | 579          | 290           | 579                   |
| 335      | 0     | 0     | 9     | 16    | 10    | 49            | 0.19          | 0.32          | 0.21          | 592          | 290           | 592                   |
| 338      | 0     | 0     | 9     | 16    | 10    | 48            | 0.20          | 0.33          | 0.21          | 591          | 290           | 591                   |
| 342      | 0     | 0     | 10    | 16    | 10    | 48            | 0.20          | 0.33          | 0.21          | 597          | 280           | 597                   |
| 346      | 0     | 0     | 10    | 16    | 10    | 46            | 0.21          | 0.34          | 0.21          | 577          | 280           | 577                   |
| 349      | 0     | 0     | 10    | 16    | 10    | 47            | 0.21          | 0.35          | 0.21          | 588          | 280           | 588                   |
| 353      | 0     | 0     | 10    | 17    | 10    | 49            | 0.20          | 0.34          | 0.20          | 593          | 280           | 593                   |
| 356      | 0     | 0     | 10    | 16    | 10    | 46            | 0.21          | 0.36          | 0.21          | 585          | 280           | 585                   |
| 360      | 0     | 0     | 10    | 16    | 10    | 45            | 0.22          | 0.36          | 0.22          | 592          | 280           | 592                   |
| C69215 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 216      | 0     | 0     | 13    | 20    | 11    | 57            | 0.23          | 0.35          | 0.20          | 674          | 465           | 674                   |
| 220      | 0     | 0     | 12    | 20    | 11    | 60            | 0.20          | 0.33          | 0.19          | 677          | 460           | 677                   |
| 223      | 0     | 0     | 13    | 19    | 11    | 58            | 0.22          | 0.33          | 0.19          | 665          | 460           | 665                   |
| 227      | 0     | 0     | 13    | 19    | 11    | 65            | 0.20          | 0.30          | 0.17          | 678          | 460           | 678                   |
| 230      | 0     | 0     | 14    | 19    | 11    | 61            | 0.23          | 0.31          | 0.18          | 669          | 460           | 669                   |
| 234      | 0     | 0     | 14    | 19    | 12    | 59            | 0.25          | 0.33          | 0.20          | 683          | 460           | 683                   |
| 238      | 0     | 0     | 15    | 20    | 12    | 60            | 0.24          | 0.33          | 0.20          | 688          | 460           | 688                   |
| 241      | 0     | 0     | 14    | 20    | 12    | 60            | 0.24          | 0.33          | 0.20          | 700          | 470           | 700                   |
| 245      | 0     | 0     | 13    | 19    | 12    | 52            | 0.25          | 0.37          | 0.23          | 680          | 450           | 680                   |
| 248      | 0     | 0     | 13    | 19    | 12    | 54            | 0.25          | 0.36          | 0.22          | 683          | 460           | 683                   |
| 252      | 0     | 0     | 14    | 20    | 12    | 50            | 0.28          | 0.39          | 0.24          | 678          | 475           | 678                   |
| 256      | 0     | 0     | 14    | 20    | 12    | 51            | 0.27          | 0.40          | 0.24          | 685          | 465           | 685                   |
| 259      | 0     | 0     | 14    | 20    | 12    | 52            | 0.26          | 0.39          | 0.23          | 685          | 465           | 685                   |
| 263      | 0     | 0     | 14    | 20    | 12    | 52            | 0.26          | 0.38          | 0.23          | 677          | 470           | 677                   |
| 266      | 0     | 0     | 14    | 19    | 12    | 53            | 0.26          | 0.37          | 0.22          | 674          | 470           | 674                   |
| 270      | 0     | 0     | 14    | 19    | 12    | 51            | 0.27          | 0.38          | 0.23          | 668          | 475           | 668                   |
| 274      | 0     | 0     | 14    | 19    | 12    | 52            | 0.26          | 0.37          | 0.22          | 672          | 475           | 672                   |
| 277      | 0     | 0     | 14    | 19    | 12    | 50            | 0.28          | 0.38          | 0.24          | 676          | 480           | 676                   |
| 281      | 0     | 0     | 14    | 20    | 12    | 52            | 0.27          | 0.38          | 0.22          | 668          | 480           | 668                   |

| ANGLE    | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD BAND | 270/ BBAND | 370/ BBAND | 500/ BBAND | EST. PEEL | MEAS. PEEL | NORM. EST. PEEL |
|----------|-------|-------|-------|-------|-------|------------|------------|------------|------------|-----------|------------|-----------------|
| 284      | 0     | 0     | 14    | 19    | 12    | 49         | 0.29       | 0.38       | 0.24       | 676       | 480        | 676             |
| 288      | 0     | 0     | 15    | 19    | 12    | 53         | 0.28       | 0.35       | 0.23       | 689       | 480        | 689             |
| 292      | 0     | 0     | 15    | 19    | 12    | 52         | 0.29       | 0.37       | 0.23       | 678       | 475        | 678             |
| 295      | 0     | 0     | 16    | 20    | 12    | 53         | 0.30       | 0.38       | 0.23       | 692       | 470        | 692             |
| 299      | 0     | 0     | 16    | 21    | 12    | 54         | 0.29       | 0.38       | 0.23       | 696       | 470        | 696             |
| 302      | 0     | 0     | 16    | 22    | 12    | 54         | 0.30       | 0.40       | 0.23       | 693       | 470        | 693             |
| 306      | 0     | 0     | 16    | 22    | 12    | 55         | 0.30       | 0.40       | 0.22       | 688       | 470        | 688             |
| 310      | 0     | 0     | 16    | 23    | 12    | 55         | 0.30       | 0.41       | 0.22       | 684       | 470        | 684             |
| 313      | 0     | 0     | 17    | 22    | 12    | 55         | 0.30       | 0.40       | 0.22       | 696       | 470        | 696             |
| 317      | 0     | 0     | 17    | 22    | 12    | 55         | 0.30       | 0.41       | 0.22       | 691       | 470        | 691             |
| 320      | 0     | 0     | 17    | 21    | 13    | 54         | 0.31       | 0.39       | 0.23       | 706       | 470        | 706             |
| 324      | 0     | 0     | 16    | 21    | 12    | 55         | 0.30       | 0.38       | 0.23       | 699       | 475        | 699             |
| 328      | 0     | 0     | 16    | 21    | 12    | 54         | 0.30       | 0.40       | 0.22       | 688       | 475        | 688             |
| 331      | 0     | 0     | 17    | 22    | 12    | 58         | 0.29       | 0.38       | 0.20       | 682       | 470        | 682             |
| 335      | 0     | 0     | 17    | 22    | 12    | 57         | 0.30       | 0.39       | 0.21       | 678       | 465        | 678             |
| C69217 : |       |       |       |       |       |            |            |            |            |           |            |                 |
| 43       | 0     | 0     | 15    | 19    | 12    | 53         | 0.29       | 0.36       | 0.23       | 688       | 480        | 688             |
| 47       | 0     | 0     | 15    | 20    | 12    | 54         | 0.28       | 0.37       | 0.23       | 692       | 480        | 692             |
| 50       | 0     | 0     | 15    | 19    | 12    | 53         | 0.27       | 0.36       | 0.22       | 673       | 470        | 673             |
| 54       | 0     | 0     | 14    | 19    | 12    | 52         | 0.26       | 0.37       | 0.23       | 671       | 470        | 671             |
| 58       | 0     | 0     | 14    | 20    | 12    | 57         | 0.25       | 0.35       | 0.21       | 687       | 470        | 687             |
| 61       | 0     | 0     | 15    | 20    | 12    | 56         | 0.26       | 0.37       | 0.22       | 695       | 470        | 695             |
| 65       | 27    | 0     | 14    | 19    | 11    | 53         | 0.26       | 0.36       | 0.21       | 663       | 470        | 663             |
| 68       | 9     | 0     | 14    | 20    | 13    | 57         | 0.25       | 0.35       | 0.22       | 713       | 470        | 713             |
| 72       | 0     | 0     | 16    | 20    | 13    | 54         | 0.29       | 0.38       | 0.25       | 721       | 470        | 721             |
| 76       | 0     | 0     | 17    | 22    | 13    | 55         | 0.30       | 0.37       | 0.23       | 709       | 480        | 709             |
| 79       | 0     | 0     | 17    | 21    | 13    | 55         | 0.31       | 0.40       | 0.23       | 701       | 480        | 701             |
| 83       | 0     | 0     | 16    | 21    | 12    | 61         | 0.27       | 0.35       | 0.20       | 696       | 480        | 696             |
| 86       | 0     | 0     | 17    | 21    | 12    | 65         | 0.26       | 0.33       | 0.18       | 700       | 490        | 700             |
| 90       | 0     | 0     | 16    | 21    | 12    | 62         | 0.26       | 0.34       | 0.19       | 687       | 490        | 687             |
| 94       | 0     | 0     | 14    | 21    | 11    | 63         | 0.23       | 0.33       | 0.18       | 680       | 490        | 680             |
| 97       | 0     | 0     | 17    | 22    | 11    | 59         | 0.29       | 0.35       | 0.19       | 673       | 490        | 673             |
| 100      | 0     | 0     | 17    | 22    | 13    | 65         | 0.26       | 0.34       | 0.19       | 720       | 490        | 720             |
| 104      | 0     | 0     | 19    | 22    | 13    | 59         | 0.32       | 0.38       | 0.23       | 734       | 490        | 734             |
| C69408 : |       |       |       |       |       |            |            |            |            |           |            |                 |
| 72       | 0     | 0     | 14    | 16    | 12    | 44         | 0.32       | 0.37       | 0.29       | 667       | 430        | 667             |
| 76       | 0     | 0     | 19    | 25    | 18    | 58         | 0.33       | 0.43       | 0.30       | 830       | 430        | 830             |
| 79       | 0     | 0     | 19    | 25    | 18    | 60         | 0.32       | 0.42       | 0.30       | 836       | 430        | 836             |
| 83       | 0     | 0     | 20    | 26    | 18    | 61         | 0.32       | 0.42       | 0.30       | 850       | 430        | 850             |
| 86       | 0     | 0     | 20    | 26    | 18    | 62         | 0.32       | 0.42       | 0.30       | 845       | 430        | 845             |
| 90       | 0     | 0     | 19    | 26    | 19    | 61         | 0.32       | 0.42       | 0.30       | 852       | 420        | 852             |
| 94       | 0     | 0     | 19    | 25    | 19    | 61         | 0.31       | 0.41       | 0.30       | 855       | 410        | 855             |
| 97       | 0     | 0     | 19    | 24    | 18    | 60         | 0.32       | 0.40       | 0.29       | 836       | 430        | 836             |
| 202      | 0     | 0     | 19    | 22    | 17    | 57         | 0.34       | 0.39       | 0.29       | 821       | 480        | 821             |
| 205      | 0     | 0     | 20    | 22    | 17    | 58         | 0.34       | 0.38       | 0.29       | 818       | 480        | 818             |
| 209      | 0     | 0     | 19    | 23    | 18    | 57         | 0.34       | 0.41       | 0.31       | 848       | 490        | 848             |
| 212      | 0     | 0     | 19    | 24    | 17    | 58         | 0.32       | 0.41       | 0.30       | 832       | 490        | 832             |
| 216      | 0     | 0     | 19    | 24    | 17    | 58         | 0.32       | 0.41       | 0.30       | 832       | 490        | 832             |
| 220      | 0     | 0     | 17    | 19    | 15    | 49         | 0.34       | 0.39       | 0.30       | 757       | 490        | 757             |
| 223      | 0     | 0     | 19    | 23    | 17    | 57         | 0.34       | 0.40       | 0.29       | 819       | 490        | 819             |
| 227      | 0     | 0     | 20    | 23    | 17    | 59         | 0.33       | 0.40       | 0.29       | 824       | 490        | 824             |
| 230      | 0     | 0     | 19    | 25    | 18    | 60         | 0.31       | 0.41       | 0.30       | 851       | 490        | 851             |
| 234      | 0     | 0     | 19    | 24    | 17    | 57         | 0.33       | 0.41       | 0.31       | 833       | 510        | 833             |
| C69567 : |       |       |       |       |       |            |            |            |            |           |            |                 |

| ANGLE    | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 83       | 10    | 0     | 21    | 29    | 23    | 64            | 0.34          | 0.45          | 0.36          | 910          | 640           | 910                   |
| 86       | 1     | 0     | 22    | 29    | 23    | 64            | 0.34          | 0.46          | 0.35          | 901          | 630           | 901                   |
| 90       | 3     | 0     | 20    | 28    | 21    | 62            | 0.33          | 0.46          | 0.34          | 883          | 640           | 883                   |
| 94       | 0     | 0     | 21    | 27    | 21    | 62            | 0.34          | 0.44          | 0.34          | 894          | 640           | 894                   |
| 97       | 0     | 0     | 21    | 26    | 21    | 62            | 0.34          | 0.43          | 0.34          | 904          | 650           | 904                   |
| 101      | 0     | 0     | 20    | 26    | 20    | 62            | 0.33          | 0.42          | 0.32          | 883          | 650           | 883                   |
| 104      | 1     | 0     | 20    | 26    | 20    | 60            | 0.33          | 0.43          | 0.33          | 874          | 660           | 874                   |
| 108      | 1     | 0     | 20    | 26    | 18    | 63            | 0.32          | 0.41          | 0.29          | 855          | 660           | 855                   |
| 112      | 0     | 0     | 20    | 25    | 18    | 63            | 0.32          | 0.40          | 0.29          | 855          | 660           | 855                   |
| 115      | 0     | 0     | 20    | 24    | 19    | 65            | 0.30          | 0.37          | 0.29          | 872          | 660           | 872                   |
| 119      | 0     | 0     | 20    | 26    | 20    | 65            | 0.31          | 0.39          | 0.31          | 897          | 670           | 897                   |
| 122      | 2     | 0     | 21    | 26    | 19    | 63            | 0.33          | 0.41          | 0.31          | 874          | 670           | 874                   |
| 126      | 0     | 0     | 20    | 26    | 20    | 64            | 0.31          | 0.41          | 0.31          | 885          | 660           | 885                   |
| 130      | 0     | 0     | 20    | 26    | 19    | 61            | 0.34          | 0.42          | 0.32          | 873          | 660           | 873                   |
| 133      | 2     | 0     | 21    | 26    | 20    | 65            | 0.32          | 0.40          | 0.31          | 887          | 660           | 887                   |
| 137      | 1     | 0     | 20    | 25    | 20    | 60            | 0.33          | 0.41          | 0.33          | 882          | 660           | 882                   |
| 140      | 0     | 0     | 20    | 25    | 19    | 62            | 0.32          | 0.40          | 0.31          | 866          | 660           | 866                   |
| 144      | 0     | 0     | 20    | 24    | 18    | 63            | 0.32          | 0.39          | 0.29          | 857          | 660           | 857                   |
| 069694 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 270      | 0     | 0     | 18    | 20    | 16    | 51            | 0.35          | 0.39          | 0.32          | 796          | 420           | 796                   |
| 274      | 0     | 0     | 19    | 23    | 18    | 54            | 0.35          | 0.43          | 0.34          | 853          | 420           | 853                   |
| 277      | 0     | 0     | 18    | 22    | 17    | 53            | 0.35          | 0.41          | 0.32          | 826          | 420           | 826                   |
| 281      | 0     | 0     | 19    | 22    | 17    | 52            | 0.36          | 0.42          | 0.33          | 828          | 420           | 828                   |
| 284      | 0     | 0     | 18    | 21    | 17    | 52            | 0.35          | 0.41          | 0.33          | 829          | 420           | 829                   |
| 288      | 0     | 0     | 18    | 21    | 17    | 53            | 0.34          | 0.40          | 0.33          | 833          | 420           | 833                   |
| 292      | 0     | 0     | 17    | 19    | 16    | 53            | 0.32          | 0.36          | 0.29          | 783          | 420           | 783                   |
| 295      | 0     | 0     | 17    | 20    | 15    | 53            | 0.32          | 0.37          | 0.28          | 766          | 420           | 766                   |
| 299      | 0     | 0     | 18    | 21    | 15    | 53            | 0.34          | 0.40          | 0.29          | 784          | 420           | 784                   |
| 302      | 0     | 0     | 18    | 22    | 17    | 52            | 0.35          | 0.42          | 0.33          | 825          | 420           | 825                   |
| 306      | 0     | 0     | 18    | 21    | 17    | 53            | 0.34          | 0.40          | 0.32          | 824          | 420           | 824                   |
| 310      | 0     | 0     | 18    | 21    | 17    | 54            | 0.34          | 0.38          | 0.32          | 823          | 420           | 823                   |
| 313      | 0     | 0     | 18    | 22    | 17    | 52            | 0.34          | 0.41          | 0.32          | 822          | 420           | 822                   |
| 317      | 0     | 0     | 19    | 22    | 17    | 52            | 0.36          | 0.42          | 0.33          | 826          | 420           | 826                   |
| 320      | 0     | 0     | 18    | 22    | 17    | 53            | 0.35          | 0.41          | 0.33          | 833          | 420           | 833                   |
| 324      | 0     | 0     | 18    | 23    | 18    | 54            | 0.34          | 0.42          | 0.34          | 847          | 420           | 847                   |
| 328      | 0     | 0     | 18    | 22    | 17    | 53            | 0.34          | 0.42          | 0.33          | 830          | 420           | 830                   |
| 331      | 0     | 0     | 18    | 22    | 16    | 53            | 0.35          | 0.41          | 0.30          | 796          | 430           | 796                   |
| 335      | 0     | 0     | 19    | 22    | 16    | 53            | 0.36          | 0.42          | 0.30          | 791          | 430           | 791                   |
| 338      | 0     | 0     | 19    | 24    | 17    | 55            | 0.34          | 0.43          | 0.31          | 826          | 440           | 826                   |
| 342      | 0     | 0     | 19    | 23    | 18    | 55            | 0.36          | 0.43          | 0.34          | 853          | 440           | 853                   |
| 346      | 0     | 0     | 19    | 23    | 19    | 55            | 0.34          | 0.42          | 0.34          | 861          | 440           | 861                   |
| 349      | 0     | 0     | 19    | 24    | 19    | 58            | 0.33          | 0.40          | 0.33          | 876          | 440           | 876                   |
| 353      | 0     | 0     | 19    | 23    | 19    | 55            | 0.34          | 0.42          | 0.35          | 868          | 440           | 868                   |
| 356      | 0     | 0     | 17    | 20    | 17    | 50            | 0.34          | 0.40          | 0.35          | 824          | 440           | 824                   |
| 360      | 0     | 0     | 18    | 23    | 19    | 55            | 0.33          | 0.41          | 0.34          | 867          | 440           | 867                   |
| C69776 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 252      | 0     | 0     | 14    | 17    | 12    | 46            | 0.30          | 0.37          | 0.27          | 676          | 430           | 676                   |
| 256      | 0     | 0     | 14    | 17    | 12    | 45            | 0.30          | 0.38          | 0.28          | 672          | 420           | 672                   |
| 259      | 0     | 0     | 13    | 17    | 12    | 45            | 0.30          | 0.38          | 0.28          | 677          | 420           | 677                   |
| 263      | 0     | 0     | 14    | 17    | 12    | 46            | 0.30          | 0.37          | 0.27          | 677          | 420           | 677                   |
| 266      | 0     | 0     | 13    | 17    | 12    | 44            | 0.31          | 0.39          | 0.28          | 669          | 420           | 669                   |
| 270      | 0     | 0     | 13    | 17    | 12    | 48            | 0.28          | 0.36          | 0.25          | 672          | 420           | 672                   |
| 274      | 0     | 0     | 13    | 18    | 12    | 50            | 0.27          | 0.36          | 0.24          | 673          | 420           | 673                   |
| 277      | 0     | 0     | 13    | 17    | 12    | 51            | 0.26          | 0.34          | 0.24          | 667          | 420           | 667                   |

| ANGLE    | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 281      | 0     | 0     | 13    | 17    | 12    | 46            | 0.29          | 0.37          | 0.26          | 655          | 420           | 655                   |
| 284      | 0     | 0     | 11    | 16    | 10    | 42            | 0.28          | 0.38          | 0.25          | 600          | 420           | 600                   |
| 288      | 0     | 0     | 13    | 17    | 12    | 45            | 0.29          | 0.37          | 0.26          | 651          | 420           | 651                   |
| 292      | 0     | 0     | 13    | 17    | 12    | 45            | 0.30          | 0.38          | 0.27          | 657          | 420           | 657                   |
| 295      | 0     | 0     | 13    | 17    | 12    | 45            | 0.29          | 0.38          | 0.26          | 650          | 420           | 650                   |
| 299      | 0     | 0     | 13    | 17    | 12    | 45            | 0.29          | 0.38          | 0.26          | 652          | 420           | 652                   |
| 302      | 0     | 0     | 14    | 18    | 12    | 46            | 0.29          | 0.38          | 0.25          | 653          | 420           | 653                   |
| 306      | 0     | 0     | 13    | 17    | 12    | 46            | 0.29          | 0.37          | 0.25          | 658          | 420           | 658                   |
| 310      | 0     | 0     | 13    | 17    | 11    | 49            | 0.26          | 0.35          | 0.23          | 647          | 420           | 647                   |
| 313      | 0     | 0     | 13    | 19    | 12    | 50            | 0.27          | 0.38          | 0.24          | 674          | 420           | 674                   |
| 317      | 0     | 0     | 13    | 17    | 12    | 45            | 0.29          | 0.37          | 0.26          | 648          | 420           | 648                   |
| 320      | 0     | 0     | 14    | 17    | 12    | 46            | 0.30          | 0.38          | 0.26          | 667          | 420           | 667                   |
| 324      | 0     | 0     | 12    | 17    | 11    | 42            | 0.29          | 0.40          | 0.27          | 641          | 420           | 641                   |
| 328      | 0     | 0     | 13    | 17    | 12    | 44            | 0.29          | 0.38          | 0.26          | 646          | 420           | 646                   |
| 331      | 0     | 0     | 15    | 17    | 12    | 46            | 0.32          | 0.38          | 0.27          | 677          | 420           | 677                   |
| 335      | 0     | 0     | 16    | 17    | 12    | 47            | 0.33          | 0.36          | 0.27          | 677          | 420           | 677                   |
| 338      | 0     | 0     | 16    | 17    | 12    | 47            | 0.33          | 0.36          | 0.27          | 675          | 420           | 675                   |
| 342      | 0     | 0     | 16    | 17    | 13    | 49            | 0.33          | 0.36          | 0.26          | 692          | 420           | 692                   |
| 346      | 0     | 0     | 16    | 18    | 13    | 52            | 0.31          | 0.35          | 0.25          | 699          | 420           | 699                   |
| 349      | 0     | 0     | 16    | 18    | 13    | 52            | 0.32          | 0.35          | 0.26          | 715          | 420           | 715                   |
| 353      | 0     | 0     | 17    | 19    | 14    | 52            | 0.32          | 0.37          | 0.27          | 740          | 420           | 740                   |
| 356      | 0     | 0     | 16    | 19    | 14    | 50            | 0.33          | 0.38          | 0.28          | 729          | 420           | 729                   |
| 360      | 0     | 0     | 16    | 20    | 14    | 50            | 0.33          | 0.40          | 0.28          | 742          | 420           | 742                   |
| C69792 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 173      | 0     | 0     | 15    | 17    | 13    | 46            | 0.32          | 0.37          | 0.29          | 698          | 760           | 698                   |
| 176      | 0     | 0     | 15    | 17    | 14    | 47            | 0.33          | 0.37          | 0.29          | 710          | 740           | 710                   |
| 180      | 0     | 0     | 14    | 16    | 13    | 45            | 0.32          | 0.36          | 0.28          | 675          | 740           | 675                   |
| 184      | 0     | 0     | 15    | 16    | 13    | 46            | 0.32          | 0.35          | 0.28          | 686          | 760           | 686                   |
| 187      | 0     | 0     | 15    | 17    | 13    | 47            | 0.31          | 0.35          | 0.28          | 694          | 760           | 694                   |
| 191      | 0     | 0     | 14    | 16    | 12    | 47            | 0.29          | 0.33          | 0.26          | 651          | 780           | 651                   |
| 194      | 0     | 0     | 14    | 15    | 12    | 48            | 0.29          | 0.31          | 0.24          | 634          | 730           | 634                   |
| 198      | 0     | 0     | 13    | 14    | 11    | 45            | 0.28          | 0.32          | 0.24          | 600          | 700           | 600                   |
| 230      | 0     | 0     | 14    | 16    | 12    | 47            | 0.29          | 0.34          | 0.26          | 661          | 530           | 661                   |
| 234      | 0     | 0     | 14    | 16    | 13    | 46            | 0.31          | 0.35          | 0.27          | 670          | 520           | 670                   |
| 238      | 0     | 0     | 14    | 16    | 12    | 45            | 0.31          | 0.35          | 0.28          | 661          | 520           | 661                   |
| 241      | 0     | 0     | 13    | 15    | 11    | 47            | 0.27          | 0.32          | 0.24          | 620          | 520           | 620                   |
| 245      | 0     | 0     | 14    | 15    | 12    | 47            | 0.30          | 0.33          | 0.26          | 644          | 500           | 644                   |
| 248      | 0     | 0     | 14    | 16    | 12    | 47            | 0.29          | 0.33          | 0.26          | 649          | 470           | 649                   |
| 252      | 0     | 0     | 13    | 16    | 12    | 51            | 0.26          | 0.31          | 0.23          | 649          | 470           | 649                   |
| 256      | 0     | 0     | 13    | 15    | 11    | 46            | 0.29          | 0.32          | 0.25          | 623          | 450           | 623                   |
| 259      | 0     | 0     | 14    | 15    | 11    | 47            | 0.29          | 0.33          | 0.24          | 627          | 440           | 627                   |
| 263      | 0     | 0     | 13    | 15    | 11    | 44            | 0.30          | 0.34          | 0.25          | 620          | 440           | 620                   |
| 266      | 0     | 0     | 13    | 15    | 11    | 46            | 0.29          | 0.33          | 0.24          | 612          | 450           | 612                   |
| 270      | 0     | 0     | 12    | 14    | 10    | 44            | 0.28          | 0.32          | 0.23          | 581          | 450           | 581                   |
| 274      | 0     | 0     | 13    | 15    | 11    | 45            | 0.28          | 0.33          | 0.25          | 617          | 430           | 617                   |
| 277      | 0     | 0     | 13    | 15    | 11    | 43            | 0.30          | 0.34          | 0.26          | 609          | 420           | 609                   |
| 281      | 0     | 0     | 13    | 15    | 11    | 44            | 0.29          | 0.33          | 0.25          | 606          | 360           | 606                   |
| 284      | 0     | 0     | 13    | 15    | 11    | 45            | 0.29          | 0.33          | 0.25          | 618          | 360           | 618                   |
| 288      | 0     | 0     | 14    | 15    | 12    | 43            | 0.32          | 0.34          | 0.27          | 626          | 370           | 626                   |
| 292      | 0     | 0     | 14    | 15    | 12    | 43            | 0.32          | 0.35          | 0.27          | 630          | 390           | 630                   |
| 295      | 0     | 0     | 14    | 15    | 12    | 42            | 0.32          | 0.34          | 0.28          | 624          | 420           | 624                   |
| 299      | 0     | 0     | 14    | 15    | 12    | 43            | 0.32          | 0.34          | 0.28          | 642          | 420           | 642                   |
| 302      | 0     | 0     | 14    | 15    | 12    | 43            | 0.32          | 0.35          | 0.28          | 636          | 420           | 636                   |
| 306      | 0     | 0     | 14    | 15    | 12    | 44            | 0.32          | 0.34          | 0.27          | 638          | 430           | 638                   |

| ANGLE    | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 310      | 0     | 0     | 14    | 15    | 12    | 42            | 0.33          | 0.36          | 0.29          | 638          | 440           | 638                   |
| 313      | 0     | 0     | 14    | 15    | 12    | 42            | 0.33          | 0.36          | 0.28          | 636          | 440           | 636                   |
| 317      | 0     | 0     | 14    | 15    | 11    | 42            | 0.34          | 0.35          | 0.27          | 621          | 450           | 621                   |
| 320      | 0     | 0     | 14    | 15    | 12    | 42            | 0.34          | 0.36          | 0.28          | 640          | 450           | 640                   |
| 324      | 0     | 0     | 14    | 15    | 12    | 43            | 0.34          | 0.35          | 0.29          | 652          | 470           | 652                   |
| 328      | 0     | 0     | 15    | 15    | 13    | 43            | 0.34          | 0.36          | 0.30          | 669          | 470           | 669                   |
| 331      | 0     | 0     | 15    | 16    | 14    | 45            | 0.33          | 0.36          | 0.30          | 699          | 450           | 699                   |
| 335      | 0     | 0     | 15    | 16    | 14    | 44            | 0.35          | 0.37          | 0.31          | 703          | 450           | 703                   |
| 338      | 0     | 0     | 14    | 16    | 14    | 43            | 0.34          | 0.38          | 0.31          | 703          | 460           | 703                   |
| 342      | 0     | 0     | 14    | 16    | 12    | 43            | 0.32          | 0.37          | 0.29          | 660          | 440           | 660                   |
| 346      | 0     | 0     | 15    | 17    | 14    | 45            | 0.33          | 0.38          | 0.31          | 712          | 440           | 712                   |
| 349      | 0     | 0     | 15    | 17    | 14    | 46            | 0.33          | 0.38          | 0.31          | 723          | 420           | 723                   |
| 353      | 0     | 0     | 15    | 18    | 13    | 46            | 0.32          | 0.40          | 0.29          | 711          | 420           | 711                   |
| 356      | 0     | 0     | 15    | 18    | 13    | 45            | 0.34          | 0.40          | 0.29          | 707          | 410           | 707                   |
| 360      | 0     | 0     | 15    | 18    | 13    | 46            | 0.33          | 0.39          | 0.29          | 709          | 420           | 709                   |
| C69795 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 58       | 0     | 0     | 19    | 23    | 21    | 61            | 0.31          | 0.38          | 0.35          | 912          | 340           | 912                   |
| 61       | 0     | 0     | 18    | 22    | 20    | 59            | 0.31          | 0.38          | 0.34          | 886          | 340           | 886                   |
| 65       | 0     | 0     | 17    | 22    | 20    | 60            | 0.29          | 0.37          | 0.34          | 899          | 340           | 899                   |
| 68       | 0     | 0     | 18    | 23    | 21    | 62            | 0.30          | 0.37          | 0.34          | 909          | 320           | 909                   |
| 72       | 0     | 0     | 18    | 24    | 21    | 64            | 0.28          | 0.38          | 0.33          | 913          | 340           | 913                   |
| 76       | 0     | 0     | 17    | 24    | 21    | 59            | 0.29          | 0.41          | 0.35          | 904          | 350           | 904                   |
| 79       | 0     | 0     | 17    | 23    | 19    | 60            | 0.29          | 0.38          | 0.31          | 870          | 340           | 870                   |
| 83       | 0     | 0     | 17    | 23    | 20    | 62            | 0.27          | 0.38          | 0.33          | 895          | 340           | 895                   |
| 86       | 0     | 0     | 17    | 24    | 19    | 59            | 0.29          | 0.40          | 0.32          | 870          | 360           | 870                   |
| 90       | 0     | 0     | 18    | 24    | 20    | 58            | 0.30          | 0.41          | 0.34          | 883          | 360           | 883                   |
| 94       | 0     | 0     | 18    | 25    | 21    | 59            | 0.31          | 0.43          | 0.36          | 909          | 360           | 909                   |
| 252      | 0     | 0     | 18    | 24    | 21    | 58            | 0.32          | 0.42          | 0.36          | 902          | 360           | 902                   |
| 256      | 0     | 0     | 18    | 27    | 21    | 57            | 0.32          | 0.47          | 0.37          | 895          | 380           | 895                   |
| 259      | 0     | 0     | 18    | 29    | 22    | 60            | 0.30          | 0.48          | 0.36          | 886          | 370           | 886                   |
| 263      | 0     | 0     | 19    | 28    | 22    | 60            | 0.31          | 0.46          | 0.36          | 900          | 360           | 900                   |
| 266      | 0     | 0     | 18    | 27    | 22    | 60            | 0.31          | 0.45          | 0.36          | 903          | 350           | 903                   |
| 270      | 0     | 0     | 18    | 25    | 21    | 59            | 0.31          | 0.42          | 0.36          | 906          | 350           | 906                   |
| 274      | 0     | 0     | 18    | 26    | 22    | 60            | 0.30          | 0.43          | 0.36          | 913          | 330           | 913                   |
| 277      | 0     | 0     | 18    | 27    | 22    | 62            | 0.30          | 0.44          | 0.35          | 907          | 350           | 907                   |
| 281      | 0     | 0     | 17    | 26    | 21    | 61            | 0.28          | 0.42          | 0.35          | 907          | 340           | 907                   |
| 284      | 0     | 0     | 16    | 23    | 18    | 57            | 0.28          | 0.39          | 0.32          | 851          | 330           | 851                   |
| C69796 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 155      | 0     | 0     | 20    | 30    | 24    | 67            | 0.30          | 0.45          | 0.36          | 914          | 430           | 914                   |
| 158      | 0     | 0     | 21    | 32    | 25    | 70            | 0.30          | 0.46          | 0.36          | 905          | 400           | 905                   |
| 162      | 0     | 0     | 21    | 32    | 25    | 69            | 0.30          | 0.46          | 0.36          | 904          | 400           | 904                   |
| 166      | 0     | 0     | 20    | 28    | 22    | 61            | 0.33          | 0.47          | 0.36          | 897          | 410           | 897                   |
| 169      | 0     | 0     | 21    | 33    | 24    | 67            | 0.31          | 0.49          | 0.36          | 870          | 430           | 870                   |
| 173      | 0     | 0     | 21    | 32    | 24    | 67            | 0.31          | 0.48          | 0.36          | 878          | 450           | 878                   |
| 176      | 0     | 0     | 20    | 29    | 22    | 63            | 0.32          | 0.46          | 0.35          | 891          | 450           | 891                   |
| 180      | 0     | 0     | 20    | 27    | 21    | 63            | 0.31          | 0.42          | 0.34          | 900          | 450           | 900                   |
| 184      | 0     | 0     | 19    | 25    | 21    | 60            | 0.32          | 0.42          | 0.35          | 896          | 450           | 896                   |
| 187      | 0     | 0     | 19    | 25    | 21    | 56            | 0.35          | 0.44          | 0.38          | 905          | 430           | 905                   |
| 191      | 0     | 0     | 20    | 28    | 24    | 63            | 0.31          | 0.45          | 0.38          | 928          | 440           | 928                   |
| 194      | 0     | 0     | 19    | 27    | 21    | 62            | 0.30          | 0.43          | 0.35          | 906          | 440           | 906                   |
| 198      | 0     | 0     | 19    | 26    | 23    | 60            | 0.32          | 0.44          | 0.38          | 925          | 440           | 925                   |
| 202      | 0     | 0     | 18    | 22    | 19    | 57            | 0.31          | 0.39          | 0.33          | 866          | 440           | 866                   |
| 205      | 0     | 0     | 18    | 23    | 20    | 59            | 0.31          | 0.40          | 0.34          | 888          | 420           | 888                   |
| 209      | 0     | 0     | 19    | 26    | 22    | 62            | 0.30          | 0.42          | 0.36          | 922          | 390           | 922                   |

| ANGLE    | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 212      | 0     | 0     | 19    | 27    | 21    | 63            | 0.30          | 0.43          | 0.34          | 903          | 380           | 903                   |
| 216      | 0     | 0     | 18    | 27    | 22    | 61            | 0.30          | 0.45          | 0.36          | 910          | 380           | 910                   |
| 220      | 0     | 0     | 18    | 28    | 23    | 61            | 0.30          | 0.46          | 0.38          | 921          | 370           | 921                   |
| 223      | 0     | 0     | 19    | 27    | 22    | 60            | 0.32          | 0.44          | 0.36          | 911          | 360           | 911                   |
| 227      | 0     | 0     | 19    | 29    | 23    | 63            | 0.30          | 0.46          | 0.37          | 907          | 360           | 907                   |
| 230      | 0     | 0     | 20    | 31    | 25    | 67            | 0.29          | 0.46          | 0.37          | 919          | 360           | 919                   |
| 234      | 0     | 0     | 19    | 28    | 23    | 62            | 0.30          | 0.45          | 0.37          | 917          | 360           | 917                   |
| 238      | 0     | 0     | 18    | 27    | 22    | 59            | 0.31          | 0.46          | 0.38          | 913          | 370           | 913                   |
| C69820 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 83       | 0     | 0     | 9     | 14    | 10    | 48            | 0.19          | 0.30          | 0.21          | 567          | 770           | 567                   |
| 86       | 0     | 0     | 12    | 15    | 10    | 50            | 0.24          | 0.30          | 0.20          | 587          | 760           | 587                   |
| 90       | 0     | 0     | 12    | 15    | 10    | 49            | 0.24          | 0.30          | 0.20          | 581          | 750           | 581                   |
| 94       | 0     | 0     | 11    | 15    | 10    | 52            | 0.22          | 0.29          | 0.20          | 598          | 750           | 598                   |
| 97       | 0     | 0     | 10    | 15    | 10    | 51            | 0.20          | 0.29          | 0.20          | 583          | 750           | 583                   |
| 101      | 0     | 0     | 9     | 15    | 10    | 49            | 0.18          | 0.30          | 0.20          | 583          | 750           | 583                   |
| 104      | 0     | 0     | 9     | 15    | 10    | 51            | 0.19          | 0.29          | 0.20          | 590          | 750           | 590                   |
| 108      | 0     | 0     | 11    | 15    | 11    | 50            | 0.22          | 0.30          | 0.21          | 601          | 750           | 601                   |
| 112      | 0     | 0     | 13    | 15    | 11    | 48            | 0.27          | 0.31          | 0.23          | 614          | 750           | 614                   |
| 115      | 0     | 0     | 10    | 15    | 10    | 51            | 0.20          | 0.29          | 0.20          | 591          | 750           | 591                   |
| 119      | 0     | 0     | 8     | 14    | 9     | 45            | 0.17          | 0.32          | 0.21          | 557          | 750           | 557                   |
| 122      | 0     | 0     | 7     | 14    | 10    | 41            | 0.18          | 0.34          | 0.24          | 546          | 750           | 546                   |
| 126      | 0     | 0     | 8     | 15    | 10    | 45            | 0.17          | 0.32          | 0.22          | 581          | 750           | 581                   |
| 130      | 0     | 0     | 9     | 15    | 10    | 51            | 0.17          | 0.29          | 0.20          | 600          | 750           | 600                   |
| 133      | 0     | 0     | 9     | 14    | 10    | 51            | 0.19          | 0.28          | 0.21          | 589          | 750           | 589                   |
| 137      | 0     | 0     | 8     | 14    | 10    | 49            | 0.17          | 0.28          | 0.21          | 579          | 750           | 579                   |
| 140      | 0     | 0     | 8     | 14    | 10    | 47            | 0.17          | 0.29          | 0.22          | 572          | 750           | 572                   |
| 144      | 0     | 0     | 7     | 13    | 10    | 41            | 0.16          | 0.32          | 0.23          | 530          | 750           | 530                   |
| 252      | 0     | 0     | 11    | 15    | 11    | 43            | 0.26          | 0.34          | 0.25          | 601          | 820           | 601                   |
| 256      | 0     | 0     | 11    | 15    | 11    | 42            | 0.27          | 0.35          | 0.27          | 611          | 820           | 611                   |
| 259      | 0     | 0     | 10    | 14    | 10    | 40            | 0.26          | 0.35          | 0.26          | 574          | 820           | 574                   |
| 263      | 0     | 0     | 11    | 15    | 11    | 41            | 0.27          | 0.36          | 0.27          | 599          | 820           | 599                   |
| 266      | 0     | 0     | 8     | 12    | 8     | 36            | 0.23          | 0.35          | 0.23          | 482          | 820           | 482                   |
| 270      | 0     | 0     | 11    | 15    | 11    | 45            | 0.24          | 0.34          | 0.25          | 619          | 820           | 619                   |
| 274      | 0     | 0     | 11    | 15    | 12    | 42            | 0.27          | 0.37          | 0.28          | 641          | 800           | 641                   |
| 277      | 0     | 0     | 8     | 13    | 9     | 39            | 0.21          | 0.33          | 0.23          | 507          | 800           | 507                   |
| 281      | 0     | 0     | 9     | 14    | 11    | 47            | 0.19          | 0.30          | 0.23          | 602          | 790           | 602                   |
| 284      | 0     | 0     | 7     | 13    | 9     | 41            | 0.18          | 0.32          | 0.23          | 525          | 780           | 525                   |
| 288      | 0     | 0     | 7     | 12    | 9     | 38            | 0.18          | 0.32          | 0.23          | 496          | 760           | 496                   |
| 292      | 0     | 0     | 11    | 14    | 11    | 44            | 0.24          | 0.31          | 0.25          | 596          | 750           | 596                   |
| 295      | 0     | 0     | 11    | 15    | 12    | 43            | 0.26          | 0.35          | 0.27          | 628          | 740           | 628                   |
| 299      | 0     | 0     | 10    | 14    | 10    | 42            | 0.23          | 0.33          | 0.23          | 551          | 730           | 551                   |
| 302      | 0     | 0     | 8     | 13    | 9     | 40            | 0.21          | 0.33          | 0.21          | 502          | 720           | 502                   |
| 306      | 0     | 0     | 8     | 12    | 9     | 39            | 0.22          | 0.31          | 0.23          | 497          | 710           | 497                   |
| 310      | 0     | 0     | 10    | 14    | 11    | 44            | 0.22          | 0.31          | 0.25          | 590          | 710           | 590                   |
| 313      | 0     | 0     | 10    | 14    | 11    | 46            | 0.22          | 0.29          | 0.24          | 587          | 710           | 587                   |
| 317      | 0     | 0     | 9     | 14    | 10    | 46            | 0.19          | 0.29          | 0.22          | 568          | 700           | 568                   |
| 320      | 0     | 0     | 11    | 14    | 11    | 46            | 0.23          | 0.31          | 0.24          | 600          | 700           | 600                   |
| 324      | 0     | 0     | 11    | 14    | 11    | 42            | 0.25          | 0.33          | 0.25          | 585          | 700           | 585                   |
| 328      | 0     | 0     | 10    | 14    | 11    | 43            | 0.24          | 0.33          | 0.25          | 583          | 700           | 583                   |
| 331      | 0     | 0     | 11    | 14    | 11    | 44            | 0.25          | 0.33          | 0.24          | 590          | 700           | 590                   |
| 335      | 0     | 0     | 11    | 15    | 10    | 45            | 0.25          | 0.33          | 0.24          | 589          | 710           | 589                   |
| 338      | 0     | 0     | 11    | 14    | 11    | 43            | 0.26          | 0.34          | 0.25          | 588          | 760           | 588                   |
| 342      | 0     | 0     | 11    | 14    | 11    | 42            | 0.25          | 0.33          | 0.25          | 582          | 800           | 582                   |
| 346      | 0     | 0     | 10    | 14    | 10    | 46            | 0.23          | 0.30          | 0.22          | 568          | 830           | 568                   |

NORM.

| ANGLE    | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | EST.<br>PEEL |
|----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|--------------|
| 349      | 0     | 0     | 9     | 15    | 10    | 46            | 0.20          | 0.32          | 0.21          | 573          | 840           | 573          |
| 353      | 0     | 0     | 8     | 14    | 9     | 45            | 0.19          | 0.31          | 0.21          | 541          | 840           | 541          |
| 356      | 0     | 0     | 8     | 14    | 9     | 42            | 0.18          | 0.33          | 0.22          | 528          | 900           | 528          |
| 360      | 0     | 0     | 9     | 14    | 9     | 45            | 0.19          | 0.31          | 0.21          | 545          | 950           | 545          |
| C69821 : |       |       |       |       |       |               |               |               |               |              |               |              |
| 47       | 0     | 0     | 17    | 17    | 14    | 53            | 0.33          | 0.33          | 0.26          | 722          | 780           | 722          |
| 50       | 0     | 0     | 16    | 17    | 14    | 49            | 0.33          | 0.34          | 0.28          | 708          | 770           | 708          |
| 54       | 0     | 0     | 16    | 17    | 14    | 50            | 0.32          | 0.34          | 0.27          | 711          | 750           | 711          |
| 58       | 0     | 0     | 15    | 17    | 13    | 52            | 0.29          | 0.32          | 0.24          | 688          | 740           | 688          |
| 61       | 0     | 0     | 12    | 16    | 11    | 53            | 0.24          | 0.30          | 0.22          | 641          | 730           | 641          |
| 65       | 0     | 0     | 9     | 14    | 10    | 45            | 0.19          | 0.31          | 0.22          | 559          | 750           | 559          |
| 68       | 0     | 0     | 9     | 13    | 9     | 37            | 0.24          | 0.35          | 0.25          | 512          | 740           | 512          |
| 72       | 0     | 0     | 8     | 10    | 7     | 29            | 0.27          | 0.36          | 0.24          | 386          | 720           | 386          |
| 76       | 0     | 0     | 6     | 12    | 8     | 33            | 0.19          | 0.36          | 0.24          | 457          | 720           | 457          |
| 79       | 0     | 0     | 9     | 13    | 10    | 39            | 0.24          | 0.34          | 0.26          | 564          | 740           | 564          |
| 126      | 0     | 0     | 11    | 14    | 10    | 37            | 0.30          | 0.37          | 0.28          | 570          | 920           | 570          |
| 130      | 0     | 0     | 15    | 16    | 12    | 45            | 0.33          | 0.36          | 0.27          | 659          | 920           | 659          |
| 133      | 0     | 0     | 14    | 16    | 12    | 46            | 0.31          | 0.35          | 0.26          | 657          | 920           | 657          |
| 137      | 0     | 0     | 15    | 16    | 13    | 44            | 0.33          | 0.37          | 0.29          | 670          | 910           | 670          |
| 140      | 0     | 0     | 15    | 16    | 13    | 46            | 0.33          | 0.35          | 0.28          | 681          | 900           | 681          |
| 144      | 0     | 0     | 15    | 16    | 13    | 44            | 0.34          | 0.36          | 0.29          | 673          | 880           | 673          |
| 281      | 0     | 0     | 9     | 12    | 9     | 44            | 0.20          | 0.27          | 0.21          | 501          | 750           | 501          |
| 284      | 0     | 0     | 14    | 17    | 12    | 50            | 0.29          | 0.33          | 0.25          | 674          | 740           | 674          |
| 288      | 0     | 0     | 15    | 17    | 13    | 48            | 0.31          | 0.36          | 0.26          | 683          | 740           | 683          |
| 292      | 0     | 0     | 15    | 18    | 13    | 48            | 0.31          | 0.37          | 0.27          | 694          | 740           | 694          |
| 295      | 0     | 0     | 15    | 18    | 13    | 48            | 0.31          | 0.37          | 0.27          | 698          | 740           | 698          |
| 299      | 0     | 0     | 15    | 18    | 13    | 48            | 0.32          | 0.38          | 0.28          | 713          | 740           | 713          |
| 302      | 0     | 0     | 16    | 19    | 13    | 50            | 0.32          | 0.39          | 0.27          | 722          | 740           | 722          |
| 306      | 0     | 0     | 15    | 19    | 13    | 49            | 0.32          | 0.39          | 0.27          | 708          | 740           | 708          |
| 310      | 0     | 0     | 16    | 19    | 13    | 48            | 0.32          | 0.38          | 0.27          | 710          | 740           | 710          |
| 313      | 0     | 0     | 15    | 18    | 13    | 48            | 0.32          | 0.38          | 0.27          | 703          | 740           | 703          |
| 317      | 0     | 0     | 14    | 16    | 13    | 44            | 0.33          | 0.36          | 0.29          | 670          | 740           | 670          |
| 320      | 0     | 0     | 16    | 18    | 13    | 48            | 0.33          | 0.38          | 0.27          | 702          | 740           | 702          |
| 324      | 0     | 0     | 15    | 17    | 13    | 47            | 0.33          | 0.36          | 0.27          | 681          | 740           | 681          |
| 328      | 0     | 0     | 15    | 17    | 12    | 48            | 0.31          | 0.36          | 0.26          | 679          | 730           | 679          |
| 331      | 0     | 0     | 13    | 16    | 12    | 50            | 0.25          | 0.31          | 0.23          | 643          | 730           | 643          |
| 335      | 0     | 0     | 16    | 17    | 13    | 51            | 0.31          | 0.34          | 0.25          | 689          | 730           | 689          |
| 338      | 0     | 0     | 16    | 17    | 13    | 51            | 0.32          | 0.33          | 0.25          | 683          | 730           | 683          |
| 342      | 0     | 0     | 16    | 17    | 13    | 50            | 0.32          | 0.34          | 0.26          | 696          | 730           | 696          |
| 346      | 0     | 0     | 16    | 17    | 13    | 52            | 0.31          | 0.33          | 0.26          | 709          | 730           | 709          |
| 349      | 0     | 0     | 16    | 17    | 13    | 53            | 0.30          | 0.32          | 0.24          | 682          | 730           | 682          |
| 353      | 0     | 0     | 15    | 16    | 13    | 47            | 0.32          | 0.34          | 0.27          | 673          | 730           | 673          |
| 356      | 0     | 0     | 16    | 17    | 13    | 49            | 0.33          | 0.35          | 0.28          | 701          | 730           | 701          |
| 360      | 0     | 0     | 16    | 17    | 14    | 49            | 0.33          | 0.34          | 0.28          | 717          | 730           | 717          |
| C69822 : |       |       |       |       |       |               |               |               |               |              |               |              |
| 115      | 0     | 0     | 14    | 16    | 13    | 45            | 0.32          | 0.36          | 0.28          | 673          | 970           | 673          |
| 119      | 0     | 0     | 13    | 15    | 12    | 46            | 0.29          | 0.34          | 0.26          | 642          | 970           | 642          |
| 122      | 0     | 0     | 14    | 17    | 13    | 45            | 0.32          | 0.37          | 0.28          | 676          | 980           | 676          |
| 126      | 0     | 0     | 14    | 16    | 13    | 45            | 0.32          | 0.37          | 0.28          | 677          | 1020          | 677          |
| 130      | 0     | 0     | 14    | 16    | 13    | 44            | 0.31          | 0.36          | 0.28          | 674          | 1040          | 674          |
| 133      | 0     | 0     | 14    | 16    | 12    | 44            | 0.31          | 0.36          | 0.28          | 669          | 970           | 669          |
| 137      | 0     | 0     | 14    | 17    | 13    | 45            | 0.32          | 0.37          | 0.29          | 684          | 950           | 684          |
| 140      | 0     | 0     | 14    | 16    | 12    | 44            | 0.31          | 0.37          | 0.28          | 669          | 940           | 669          |
| 144      | 0     | 0     | 14    | 16    | 13    | 45            | 0.32          | 0.37          | 0.28          | 677          | 930           | 677          |

| ANGLE | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 148   | 0     | 0     | 14    | 16    | 13    | 43            | 0.32          | 0.37          | 0.29          | 668          | 930           | 668                   |
| 151   | 0     | 0     | 14    | 16    | 12    | 43            | 0.32          | 0.37          | 0.29          | 659          | 930           | 659                   |
| 155   | 0     | 0     | 13    | 15    | 11    | 44            | 0.30          | 0.34          | 0.26          | 622          | 940           | 622                   |
| 158   | 0     | 0     | 14    | 16    | 12    | 43            | 0.32          | 0.37          | 0.28          | 644          | 940           | 644                   |
| 162   | 0     | 0     | 14    | 16    | 12    | 43            | 0.32          | 0.36          | 0.29          | 659          | 960           | 659                   |
| 166   | 0     | 0     | 14    | 17    | 13    | 46            | 0.30          | 0.37          | 0.27          | 682          | 960           | 682                   |
| 169   | 0     | 0     | 14    | 16    | 13    | 45            | 0.30          | 0.36          | 0.28          | 673          | 930           | 673                   |
| 173   | 0     | 0     | 14    | 16    | 12    | 44            | 0.31          | 0.36          | 0.28          | 659          | 870           | 659                   |
| 176   | 0     | 0     | 14    | 15    | 12    | 43            | 0.32          | 0.36          | 0.28          | 645          | 850           | 645                   |
| 180   | 0     | 0     | 13    | 15    | 12    | 43            | 0.31          | 0.36          | 0.28          | 642          | 830           | 642                   |
| 184   | 0     | 0     | 13    | 15    | 12    | 42            | 0.32          | 0.36          | 0.28          | 633          | 820           | 633                   |
| 187   | 0     | 0     | 13    | 14    | 11    | 40            | 0.32          | 0.36          | 0.28          | 608          | 820           | 608                   |
| 191   | 0     | 0     | 13    | 14    | 11    | 39            | 0.33          | 0.37          | 0.29          | 611          | 810           | 611                   |
| 194   | 0     | 0     | 13    | 15    | 11    | 40            | 0.32          | 0.36          | 0.28          | 617          | 810           | 617                   |
| 198   | 0     | 0     | 12    | 14    | 11    | 39            | 0.31          | 0.37          | 0.29          | 606          | 800           | 606                   |
| 202   | 0     | 0     | 12    | 14    | 11    | 43            | 0.28          | 0.34          | 0.26          | 602          | 790           | 602                   |
| 205   | 0     | 0     | 12    | 14    | 11    | 43            | 0.29          | 0.33          | 0.26          | 600          | 790           | 600                   |
| 209   | 0     | 0     | 12    | 14    | 11    | 45            | 0.26          | 0.32          | 0.23          | 588          | 780           | 588                   |
| 212   | 0     | 0     | 11    | 14    | 11    | 41            | 0.28          | 0.35          | 0.26          | 587          | 770           | 587                   |
| 216   | 0     | 0     | 13    | 15    | 11    | 40            | 0.31          | 0.37          | 0.28          | 613          | 750           | 613                   |
| 220   | 0     | 0     | 13    | 15    | 11    | 41            | 0.32          | 0.36          | 0.28          | 617          | 750           | 617                   |
| 223   | 0     | 0     | 11    | 14    | 11    | 41            | 0.28          | 0.35          | 0.27          | 589          | 740           | 589                   |
| 227   | 0     | 0     | 11    | 14    | 11    | 44            | 0.24          | 0.31          | 0.24          | 585          | 740           | 585                   |
| 230   | 0     | 0     | 11    | 14    | 11    | 41            | 0.27          | 0.34          | 0.27          | 599          | 740           | 599                   |
| 234   | 0     | 0     | 11    | 14    | 11    | 42            | 0.26          | 0.34          | 0.26          | 601          | 740           | 601                   |
| 238   | 0     | 0     | 11    | 14    | 11    | 45            | 0.25          | 0.32          | 0.25          | 610          | 740           | 610                   |
| 241   | 0     | 0     | 12    | 15    | 12    | 43            | 0.28          | 0.34          | 0.27          | 626          | 740           | 626                   |
| 245   | 0     | 0     | 13    | 15    | 12    | 43            | 0.31          | 0.35          | 0.28          | 644          | 750           | 644                   |
| 248   | 0     | 0     | 14    | 15    | 12    | 43            | 0.33          | 0.36          | 0.29          | 659          | 740           | 659                   |
| 252   | 0     | 0     | 15    | 15    | 12    | 43            | 0.34          | 0.36          | 0.29          | 658          | 740           | 658                   |
| 256   | 0     | 0     | 13    | 15    | 12    | 41            | 0.32          | 0.37          | 0.28          | 631          | 740           | 631                   |
| 259   | 0     | 0     | 14    | 15    | 12    | 41            | 0.35          | 0.38          | 0.28          | 630          | 740           | 630                   |
| 263   | 0     | 0     | 15    | 16    | 12    | 42            | 0.36          | 0.37          | 0.28          | 648          | 740           | 648                   |
| 266   | 0     | 0     | 17    | 17    | 13    | 47            | 0.36          | 0.37          | 0.28          | 705          | 740           | 705                   |
| 270   | 0     | 0     | 16    | 17    | 13    | 47            | 0.35          | 0.37          | 0.28          | 696          | 750           | 696                   |

C610303 :

|     |   |   |    |    |    |    |      |      |      |     |     |     |
|-----|---|---|----|----|----|----|------|------|------|-----|-----|-----|
| 148 | 0 | 0 | 19 | 28 | 23 | 67 | 0.28 | 0.42 | 0.34 | 927 | 718 | 927 |
| 151 | 0 | 0 | 19 | 29 | 24 | 68 | 0.28 | 0.42 | 0.35 | 929 | 700 | 929 |
| 155 | 0 | 0 | 19 | 27 | 22 | 64 | 0.29 | 0.42 | 0.34 | 912 | 690 | 912 |
| 158 | 0 | 0 | 17 | 23 | 18 | 56 | 0.31 | 0.41 | 0.33 | 854 | 700 | 854 |
| 162 | 0 | 0 | 19 | 28 | 22 | 64 | 0.30 | 0.44 | 0.35 | 907 | 710 | 907 |
| 166 | 0 | 0 | 19 | 28 | 22 | 63 | 0.30 | 0.44 | 0.35 | 905 | 700 | 905 |
| 169 | 0 | 0 | 18 | 28 | 22 | 64 | 0.28 | 0.44 | 0.34 | 897 | 675 | 897 |
| 173 | 0 | 0 | 18 | 28 | 21 | 62 | 0.28 | 0.44 | 0.34 | 894 | 680 | 894 |
| 176 | 0 | 0 | 18 | 27 | 21 | 62 | 0.29 | 0.44 | 0.34 | 897 | 700 | 897 |
| 180 | 0 | 0 | 18 | 27 | 21 | 61 | 0.30 | 0.44 | 0.35 | 894 | 710 | 894 |
| 184 | 0 | 0 | 18 | 25 | 20 | 60 | 0.30 | 0.43 | 0.34 | 890 | 700 | 890 |
| 187 | 0 | 0 | 19 | 26 | 22 | 62 | 0.30 | 0.42 | 0.35 | 916 | 695 | 916 |
| 191 | 0 | 0 | 18 | 26 | 22 | 60 | 0.31 | 0.44 | 0.36 | 909 | 695 | 909 |
| 194 | 0 | 0 | 18 | 24 | 19 | 56 | 0.32 | 0.44 | 0.34 | 866 | 700 | 866 |
| 198 | 0 | 0 | 18 | 26 | 21 | 58 | 0.31 | 0.44 | 0.37 | 909 | 700 | 909 |
| 202 | 0 | 0 | 18 | 27 | 22 | 60 | 0.30 | 0.45 | 0.36 | 905 | 680 | 905 |
| 205 | 0 | 0 | 18 | 26 | 20 | 59 | 0.31 | 0.44 | 0.35 | 886 | 695 | 886 |
| 209 | 0 | 0 | 18 | 27 | 21 | 60 | 0.30 | 0.45 | 0.35 | 893 | 690 | 893 |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 212       | 0     | 0     | 19    | 28    | 22    | 62            | 0.31          | 0.45          | 0.36          | 901          | 700           | 901                   |
| 216       | 0     | 0     | 20    | 29    | 23    | 65            | 0.31          | 0.44          | 0.35          | 916          | 700           | 916                   |
| 220       | 0     | 0     | 20    | 28    | 23    | 65            | 0.30          | 0.43          | 0.35          | 919          | 700           | 919                   |
| 223       | 0     | 0     | 20    | 29    | 23    | 66            | 0.30          | 0.44          | 0.35          | 920          | 680           | 920                   |
| 227       | 0     | 0     | 20    | 28    | 23    | 67            | 0.30          | 0.42          | 0.34          | 924          | 675           | 924                   |
| 230       | 0     | 0     | 19    | 28    | 23    | 66            | 0.29          | 0.42          | 0.35          | 926          | 675           | 926                   |
| 234       | 0     | 0     | 20    | 28    | 23    | 68            | 0.29          | 0.42          | 0.34          | 925          | 680           | 925                   |
| 238       | 0     | 0     | 19    | 29    | 23    | 67            | 0.29          | 0.43          | 0.35          | 922          | 678           | 922                   |
| 241       | 0     | 0     | 19    | 28    | 22    | 66            | 0.30          | 0.43          | 0.34          | 914          | 670           | 914                   |
| 245       | 0     | 0     | 20    | 28    | 22    | 66            | 0.30          | 0.43          | 0.33          | 902          | 660           | 902                   |
| 248       | 0     | 0     | 19    | 25    | 20    | 59            | 0.32          | 0.43          | 0.34          | 889          | 660           | 889                   |
| 252       | 0     | 0     | 20    | 27    | 22    | 64            | 0.31          | 0.42          | 0.34          | 909          | 660           | 909                   |
| 256       | 0     | 0     | 20    | 28    | 23    | 65            | 0.31          | 0.44          | 0.36          | 922          | 663           | 922                   |
| 259       | 0     | 0     | 20    | 30    | 24    | 66            | 0.30          | 0.45          | 0.36          | 923          | 668           | 923                   |
| 263       | 0     | 0     | 20    | 30    | 25    | 68            | 0.29          | 0.44          | 0.36          | 932          | 670           | 932                   |
| 266       | 0     | 0     | 19    | 27    | 22    | 62            | 0.31          | 0.43          | 0.36          | 915          | 675           | 915                   |
| 270       | 0     | 0     | 18    | 24    | 20    | 57            | 0.32          | 0.42          | 0.35          | 888          | 680           | 888                   |
| D610675 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 61        | 0     | 0     | 19    | 21    | 14    | 57            | 0.33          | 0.37          | 0.24          | 738          | 780           | 738                   |
| 65        | 0     | 0     | 21    | 24    | 15    | 64            | 0.33          | 0.37          | 0.24          | 794          | 780           | 794                   |
| 68        | 0     | 0     | 21    | 24    | 16    | 65            | 0.32          | 0.38          | 0.25          | 805          | 780           | 805                   |
| 72        | 0     | 0     | 21    | 25    | 16    | 65            | 0.33          | 0.39          | 0.25          | 804          | 780           | 804                   |
| 76        | 0     | 0     | 21    | 25    | 16    | 65            | 0.32          | 0.38          | 0.25          | 810          | 780           | 810                   |
| 79        | 0     | 0     | 21    | 25    | 16    | 65            | 0.32          | 0.38          | 0.25          | 810          | 790           | 810                   |
| 83        | 0     | 0     | 22    | 25    | 17    | 66            | 0.33          | 0.38          | 0.25          | 819          | 790           | 819                   |
| 86        | 0     | 0     | 21    | 25    | 17    | 65            | 0.33          | 0.39          | 0.26          | 819          | 800           | 819                   |
| 90        | 0     | 0     | 20    | 24    | 16    | 62            | 0.31          | 0.39          | 0.26          | 801          | 800           | 801                   |
| D610706 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 90        | 0     | 0     | 14    | 16    | 12    | 45            | 0.30          | 0.35          | 0.27          | 656          | 760           | 656                   |
| 94        | 0     | 0     | 13    | 15    | 12    | 43            | 0.30          | 0.34          | 0.27          | 622          | 750           | 622                   |
| 97        | 0     | 0     | 12    | 14    | 11    | 40            | 0.30          | 0.35          | 0.27          | 583          | 750           | 583                   |
| 101       | 0     | 0     | 12    | 14    | 11    | 39            | 0.30          | 0.34          | 0.27          | 582          | 750           | 582                   |
| 104       | 0     | 0     | 13    | 15    | 12    | 43            | 0.30          | 0.34          | 0.27          | 622          | 740           | 622                   |
| 108       | 0     | 0     | 13    | 15    | 12    | 44            | 0.30          | 0.34          | 0.27          | 634          | 750           | 634                   |
| 241       | 0     | 0     | 13    | 14    | 11    | 42            | 0.30          | 0.34          | 0.27          | 616          | 860           | 616                   |
| 245       | 0     | 0     | 13    | 14    | 12    | 43            | 0.31          | 0.34          | 0.27          | 618          | 860           | 618                   |
| 248       | 0     | 0     | 14    | 15    | 12    | 45            | 0.30          | 0.34          | 0.27          | 642          | 860           | 642                   |
| 252       | 0     | 0     | 14    | 15    | 12    | 45            | 0.30          | 0.34          | 0.26          | 644          | 860           | 644                   |
| 256       | 0     | 0     | 14    | 15    | 12    | 44            | 0.31          | 0.34          | 0.27          | 642          | 850           | 642                   |
| 259       | 0     | 0     | 13    | 15    | 12    | 45            | 0.29          | 0.34          | 0.27          | 648          | 850           | 648                   |
| 263       | 0     | 0     | 14    | 16    | 12    | 46            | 0.30          | 0.35          | 0.26          | 654          | 830           | 654                   |
| 266       | 0     | 0     | 14    | 16    | 13    | 46            | 0.30          | 0.35          | 0.27          | 668          | 830           | 668                   |
| 270       | 0     | 0     | 14    | 16    | 13    | 47            | 0.30          | 0.34          | 0.27          | 671          | 830           | 671                   |
| D611357 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 90        | 0     | 0     | 14    | 14    | 12    | 47            | 0.29          | 0.31          | 0.26          | 635          | 600           | 635                   |
| 94        | 0     | 0     | 14    | 15    | 12    | 40            | 0.35          | 0.38          | 0.31          | 651          | 600           | 651                   |
| 97        | 0     | 0     | 15    | 17    | 13    | 44            | 0.33          | 0.38          | 0.30          | 692          | 600           | 692                   |
| 101       | 0     | 0     | 14    | 16    | 13    | 42            | 0.34          | 0.39          | 0.31          | 695          | 600           | 695                   |
| 104       | 0     | 0     | 14    | 17    | 14    | 43            | 0.33          | 0.40          | 0.32          | 725          | 600           | 725                   |
| 108       | 0     | 0     | 15    | 19    | 14    | 46            | 0.33          | 0.41          | 0.32          | 747          | 600           | 747                   |
| 112       | 0     | 0     | 16    | 20    | 15    | 47            | 0.34          | 0.41          | 0.31          | 753          | 600           | 753                   |
| 115       | 0     | 0     | 15    | 19    | 14    | 47            | 0.33          | 0.41          | 0.30          | 741          | 580           | 741                   |
| 119       | 0     | 0     | 14    | 17    | 13    | 47            | 0.29          | 0.35          | 0.28          | 688          | 580           | 688                   |
| 122       | 0     | 0     | 15    | 17    | 13    | 44            | 0.34          | 0.40          | 0.31          | 707          |               | 707                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD |       |       |       | EST. | MEAS. | NORM. |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
|           |       |       |       |       |       | BAND  | BBAND | BBAND | BBAND |      |       |       |
| 126       | 0     | 0     | 16    | 19    | 14    | 46    | 0.34  | 0.42  | 0.30  | 736  |       | 736   |
| 130       | 0     | 0     | 15    | 17    | 13    | 44    | 0.35  | 0.40  | 0.31  | 710  |       | 710   |
| 133       | 0     | 0     | 15    | 17    | 13    | 44    | 0.35  | 0.39  | 0.30  | 704  |       | 704   |
| 137       | 0     | 0     | 15    | 16    | 13    | 45    | 0.33  | 0.35  | 0.28  | 668  | 570   | 668   |
| 140       | 0     | 0     | 15    | 17    | 13    | 44    | 0.33  | 0.38  | 0.29  | 688  | 570   | 688   |
| 144       | 0     | 0     | 14    | 15    | 12    | 43    | 0.32  | 0.35  | 0.29  | 651  | 570   | 651   |
| 148       | 0     | 0     | 15    | 18    | 14    | 45    | 0.34  | 0.39  | 0.30  | 716  | 570   | 716   |
| 151       | 0     | 0     | 16    | 19    | 15    | 48    | 0.34  | 0.40  | 0.31  | 757  | 570   | 757   |
| 155       | 0     | 0     | 18    | 22    | 16    | 53    | 0.34  | 0.42  | 0.30  | 792  | 570   | 792   |
| 158       | 0     | 0     | 18    | 24    | 17    | 58    | 0.32  | 0.41  | 0.29  | 814  | 570   | 814   |
| 162       | 0     | 0     | 18    | 23    | 16    | 56    | 0.32  | 0.40  | 0.29  | 798  | 570   | 798   |
| 166       | 0     | 0     | 17    | 21    | 16    | 52    | 0.33  | 0.40  | 0.30  | 786  | 570   | 786   |
| 169       | 0     | 0     | 17    | 21    | 15    | 51    | 0.33  | 0.41  | 0.30  | 773  | 570   | 773   |
| 173       | 0     | 0     | 16    | 20    | 15    | 49    | 0.34  | 0.40  | 0.30  | 762  | 570   | 762   |
| 176       | 0     | 0     | 16    | 19    | 15    | 48    | 0.34  | 0.40  | 0.31  | 752  | 570   | 752   |
| 180       | 0     | 0     | 16    | 18    | 14    | 46    | 0.35  | 0.40  | 0.32  | 744  | 570   | 744   |
| 184       | 0     | 0     | 16    | 19    | 15    | 47    | 0.34  | 0.41  | 0.31  | 752  | 570   | 752   |
| 187       | 0     | 0     | 15    | 19    | 14    | 45    | 0.35  | 0.42  | 0.32  | 743  | 570   | 743   |
| 191       | 0     | 0     | 15    | 18    | 14    | 44    | 0.35  | 0.40  | 0.31  | 721  | 570   | 721   |
| 194       | 0     | 0     | 15    | 17    | 14    | 44    | 0.35  | 0.40  | 0.31  | 717  | 570   | 717   |
| 198       | 0     | 0     | 15    | 16    | 13    | 42    | 0.36  | 0.40  | 0.32  | 697  | 570   | 697   |
| 202       | 0     | 0     | 15    | 17    | 13    | 43    | 0.35  | 0.39  | 0.31  | 705  | 570   | 705   |
| 205       | 0     | 0     | 15    | 16    | 13    | 45    | 0.34  | 0.37  | 0.30  | 695  | 570   | 695   |
| 209       | 0     | 0     | 15    | 15    | 13    | 48    | 0.30  | 0.31  | 0.27  | 667  | 570   | 667   |
| 212       | 0     | 0     | 14    | 15    | 13    | 43    | 0.33  | 0.36  | 0.30  | 678  | 570   | 678   |
| 216       | 0     | 0     | 14    | 16    | 13    | 45    | 0.32  | 0.35  | 0.29  | 678  | 570   | 678   |
| 220       | 0     | 0     | 14    | 15    | 12    | 44    | 0.31  | 0.35  | 0.28  | 656  | 580   | 656   |
| 223       | 0     | 0     | 16    | 16    | 13    | 47    | 0.33  | 0.35  | 0.29  | 695  | 580   | 695   |
| 227       | 0     | 0     | 16    | 16    | 13    | 51    | 0.31  | 0.31  | 0.26  | 689  |       | 689   |
| 230       | 0     | 0     | 15    | 15    | 13    | 44    | 0.33  | 0.35  | 0.29  | 670  |       | 670   |
| 234       | 0     | 0     | 15    | 16    | 13    | 44    | 0.35  | 0.36  | 0.29  | 675  | 580   | 675   |
| 238       | 0     | 0     | 16    | 16    | 13    | 50    | 0.32  | 0.32  | 0.26  | 682  | 580   | 682   |
| 241       | 0     | 0     | 10    | 13    | 11    | 38    | 0.27  | 0.34  | 0.28  | 564  | 580   | 564   |
| 245       | 0     | 0     | 14    | 14    | 13    | 45    | 0.30  | 0.31  | 0.28  | 643  | 580   | 643   |
| 248       | 0     | 0     | 14    | 13    | 11    | 44    | 0.31  | 0.30  | 0.25  | 577  | 580   | 577   |
| 252       | 0     | 0     | 15    | 16    | 13    | 42    | 0.35  | 0.37  | 0.30  | 679  | 580   | 679   |
| 256       | 0     | 0     | 14    | 16    | 13    | 41    | 0.35  | 0.38  | 0.31  | 677  | 580   | 677   |
| 259       | 0     | 0     | 15    | 15    | 13    | 45    | 0.33  | 0.33  | 0.29  | 663  | 580   | 663   |
| 263       | 0     | 0     | 15    | 15    | 13    | 50    | 0.31  | 0.29  | 0.26  | 658  | 580   | 658   |
| 266       | 0     | 0     | 16    | 15    | 13    | 46    | 0.33  | 0.33  | 0.28  | 677  | 580   | 677   |
| 270       | 0     | 0     | 14    | 15    | 12    | 46    | 0.30  | 0.32  | 0.27  | 637  | 580   | 637   |
| 274       | 0     | 0     | 13    | 14    | 12    | 43    | 0.30  | 0.33  | 0.28  | 628  | 580   | 628   |
| 277       | 0     | 0     | 15    | 16    | 13    | 43    | 0.35  | 0.36  | 0.30  | 678  | 580   | 678   |
| 281       | 0     | 0     | 15    | 15    | 13    | 43    | 0.35  | 0.36  | 0.30  | 675  | 580   | 675   |
| 284       | 0     | 0     | 15    | 15    | 13    | 44    | 0.34  | 0.34  | 0.28  | 654  | 580   | 654   |
| 288       | 0     | 0     | 14    | 14    | 12    | 48    | 0.30  | 0.29  | 0.25  | 613  | 580   | 613   |
| D611844 : |       |       |       |       |       |       |       |       |       |      |       |       |
| 166       | 0     | 0     | 14    | 16    | 13    | 44    | 0.31  | 0.36  | 0.29  | 670  | 860   | 670   |
| 169       | 0     | 0     | 14    | 15    | 12    | 43    | 0.32  | 0.35  | 0.28  | 647  | 800   | 647   |
| 173       | 0     | 0     | 13    | 15    | 12    | 42    | 0.32  | 0.35  | 0.29  | 640  | 800   | 640   |
| 176       | 0     | 0     | 12    | 14    | 11    | 42    | 0.30  | 0.33  | 0.27  | 591  | 800   | 591   |
| 180       | 0     | 0     | 12    | 13    | 10    | 44    | 0.27  | 0.30  | 0.24  | 566  | 800   | 566   |
| 184       | 0     | 0     | 12    | 14    | 11    | 47    | 0.26  | 0.29  | 0.23  | 582  | 800   | 582   |
| 187       | 0     | 0     | 8     | 13    | 9     | 41    | 0.20  | 0.31  | 0.23  | 516  | 800   | 516   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 191       | 0     | 0     | 9     | 12    | 9     | 39            | 0.22          | 0.31          | 0.23          | 496          | 800           | 496                   |
| 194       | 0     | 0     | 9     | 13    | 9     | 42            | 0.21          | 0.30          | 0.22          | 519          | 800           | 519                   |
| 198       | 0     | 0     | 10    | 13    | 10    | 47            | 0.22          | 0.27          | 0.20          | 537          | 800           | 537                   |
| 202       | 0     | 0     | 10    | 13    | 10    | 47            | 0.22          | 0.29          | 0.21          | 555          | 800           | 555                   |
| 205       | 0     | 0     | 11    | 14    | 10    | 47            | 0.23          | 0.29          | 0.22          | 563          | 780           | 563                   |
| 209       | 0     | 0     | 11    | 13    | 10    | 46            | 0.23          | 0.29          | 0.22          | 556          | 780           | 556                   |
| 212       | 0     | 0     | 12    | 13    | 11    | 44            | 0.28          | 0.30          | 0.24          | 575          | 780           | 575                   |
| 216       | 0     | 0     | 13    | 14    | 11    | 42            | 0.31          | 0.33          | 0.26          | 591          | 780           | 591                   |
| 220       | 0     | 0     | 13    | 14    | 12    | 40            | 0.34          | 0.35          | 0.29          | 616          | 780           | 616                   |
| 223       | 0     | 0     | 14    | 16    | 13    | 45            | 0.31          | 0.35          | 0.28          | 668          | 780           | 668                   |
| 227       | 0     | 0     | 14    | 16    | 13    | 47            | 0.30          | 0.35          | 0.28          | 684          | 780           | 684                   |
| 230       | 0     | 0     | 14    | 17    | 13    | 47            | 0.30          | 0.35          | 0.28          | 694          | 780           | 694                   |
| 234       | 0     | 0     | 14    | 16    | 13    | 47            | 0.31          | 0.35          | 0.28          | 686          | 780           | 686                   |
| 238       | 0     | 0     | 14    | 16    | 13    | 47            | 0.31          | 0.35          | 0.28          | 693          | 780           | 693                   |
| 241       | 0     | 0     | 14    | 16    | 13    | 46            | 0.29          | 0.35          | 0.28          | 683          | 780           | 683                   |
| 245       | 0     | 0     | 14    | 16    | 12    | 44            | 0.31          | 0.36          | 0.27          | 656          | 780           | 656                   |
| 248       | 0     | 0     | 13    | 15    | 11    | 45            | 0.30          | 0.33          | 0.25          | 620          | 780           | 620                   |
| 252       | 0     | 0     | 13    | 15    | 12    | 45            | 0.29          | 0.33          | 0.26          | 627          | 780           | 627                   |
| 256       | 0     | 0     | 14    | 15    | 12    | 44            | 0.31          | 0.34          | 0.27          | 646          | 780           | 646                   |
| 259       | 0     | 0     | 14    | 15    | 12    | 43            | 0.33          | 0.34          | 0.28          | 640          | 780           | 640                   |
| 263       | 0     | 0     | 14    | 15    | 12    | 42            | 0.32          | 0.35          | 0.30          | 650          | 780           | 650                   |
| 266       | 0     | 0     | 15    | 17    | 14    | 49            | 0.31          | 0.35          | 0.28          | 708          | 780           | 708                   |
| 270       | 0     | 0     | 14    | 16    | 13    | 47            | 0.30          | 0.34          | 0.28          | 684          | 780           | 684                   |
| 274       | 0     | 0     | 14    | 16    | 13    | 46            | 0.31          | 0.35          | 0.28          | 684          | 780           | 684                   |
| 277       | 0     | 0     | 15    | 17    | 13    | 49            | 0.30          | 0.35          | 0.27          | 703          | 780           | 703                   |
| 281       | 0     | 0     | 15    | 17    | 13    | 49            | 0.30          | 0.34          | 0.26          | 684          | 780           | 684                   |
| 284       | 0     | 0     | 14    | 17    | 12    | 48            | 0.30          | 0.35          | 0.26          | 670          | 780           | 670                   |
| 288       | 0     | 0     | 15    | 17    | 13    | 49            | 0.31          | 0.35          | 0.27          | 702          | 780           | 702                   |
| 292       | 0     | 0     | 17    | 18    | 14    | 51            | 0.33          | 0.34          | 0.27          | 725          | 780           | 725                   |
| 295       | 0     | 0     | 17    | 18    | 14    | 52            | 0.33          | 0.34          | 0.27          | 739          | 780           | 739                   |
| 299       | 0     | 0     | 17    | 18    | 14    | 51            | 0.33          | 0.34          | 0.28          | 739          | 780           | 739                   |
| 302       | 0     | 0     | 19    | 20    | 15    | 57            | 0.33          | 0.34          | 0.26          | 770          | 780           | 770                   |
| D613889 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 47        | 0     | 0     | 18    | 23    | 17    | 57            | 0.32          | 0.40          | 0.30          | 830          | 870           | 830                   |
| 50        | 0     | 0     | 18    | 22    | 17    | 59            | 0.31          | 0.36          | 0.28          | 820          | 860           | 820                   |
| 54        | 0     | 0     | 18    | 22    | 16    | 55            | 0.33          | 0.40          | 0.29          | 806          | 850           | 806                   |
| 58        | 0     | 0     | 16    | 20    | 14    | 55            | 0.30          | 0.36          | 0.26          | 757          | 820           | 757                   |
| 61        | 0     | 0     | 17    | 19    | 14    | 55            | 0.31          | 0.35          | 0.26          | 751          | 810           | 751                   |
| 65        | 0     | 0     | 15    | 16    | 12    | 49            | 0.31          | 0.32          | 0.25          | 660          | 780           | 660                   |
| 68        | 0     | 0     | 15    | 17    | 13    | 52            | 0.29          | 0.33          | 0.25          | 701          | 870           | 701                   |
| 72        | 0     | 0     | 15    | 16    | 13    | 51            | 0.29          | 0.32          | 0.26          | 688          | 810           | 688                   |
| 76        | 0     | 0     | 15    | 15    | 13    | 49            | 0.30          | 0.30          | 0.26          | 662          | 800           | 662                   |
| 79        | 0     | 0     | 14    | 13    | 12    | 47            | 0.30          | 0.28          | 0.26          | 618          | 800           | 618                   |
| 83        | 0     | 0     | 14    | 14    | 12    | 46            | 0.30          | 0.30          | 0.26          | 614          | 800           | 614                   |
| 86        | 0     | 0     | 11    | 13    | 11    | 43            | 0.25          | 0.30          | 0.25          | 576          | 800           | 576                   |
| 90        | 0     | 0     | 10    | 13    | 11    | 40            | 0.25          | 0.32          | 0.27          | 567          | 800           | 567                   |
| 94        | 0     | 0     | 11    | 12    | 11    | 41            | 0.26          | 0.30          | 0.26          | 554          | 820           | 554                   |
| 97        | 0     | 0     | 9     | 12    | 10    | 37            | 0.24          | 0.31          | 0.26          | 508          | 840           | 508                   |
| 101       | 0     | 0     | 9     | 12    | 9     | 36            | 0.26          | 0.34          | 0.25          | 496          | 860           | 496                   |
| 104       | 0     | 0     | 10    | 13    | 10    | 41            | 0.24          | 0.31          | 0.25          | 547          | 840           | 547                   |
| 108       | 0     | 0     | 10    | 13    | 11    | 40            | 0.25          | 0.33          | 0.27          | 571          | 840           | 571                   |
| 112       | 0     | 0     | 8     | 12    | 10    | 36            | 0.24          | 0.34          | 0.28          | 525          | 830           | 525                   |
| 115       | 0     | 0     | 8     | 12    | 10    | 36            | 0.23          | 0.33          | 0.28          | 538          | 830           | 538                   |
| 119       | 0     | 0     | 9     | 12    | 10    | 38            | 0.24          | 0.32          | 0.27          | 538          | 820           | 538                   |

NORM.

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|--------------|
| 122       | 0     | 0     | 12    | 13    | 12    | 46            | 0.27          | 0.29          | 0.25          | 601          | 800           | 601          |
| 126       | 0     | 0     | 15    | 15    | 13    | 49            | 0.31          | 0.31          | 0.26          | 672          | 790           | 672          |
| 130       | 0     | 0     | 14    | 15    | 12    | 49            | 0.29          | 0.31          | 0.25          | 646          | 780           | 646          |
| 133       | 0     | 0     | 16    | 19    | 14    | 51            | 0.32          | 0.37          | 0.27          | 739          | 770           | 739          |
| 137       | 0     | 0     | 16    | 18    | 14    | 51            | 0.32          | 0.35          | 0.27          | 715          | 770           | 715          |
| 140       | 0     | 0     | 16    | 18    | 14    | 54            | 0.30          | 0.33          | 0.26          | 737          | 770           | 737          |
| 144       | 0     | 0     | 16    | 19    | 15    | 56            | 0.29          | 0.34          | 0.26          | 760          | 770           | 760          |
| 148       | 0     | 0     | 16    | 18    | 15    | 54            | 0.29          | 0.33          | 0.27          | 747          | 780           | 747          |
| 151       | 0     | 0     | 16    | 18    | 15    | 54            | 0.31          | 0.34          | 0.28          | 760          | 790           | 760          |
| 155       | 0     | 0     | 17    | 19    | 15    | 56            | 0.29          | 0.34          | 0.27          | 780          | 810           | 780          |
| 292       | 0     | 0     | 18    | 22    | 16    | 56            | 0.32          | 0.40          | 0.29          | 799          | 900           | 799          |
| 295       | 0     | 0     | 19    | 24    | 18    | 60            | 0.32          | 0.41          | 0.30          | 840          | 870           | 840          |
| 299       | 0     | 0     | 19    | 26    | 18    | 62            | 0.31          | 0.42          | 0.30          | 850          | 860           | 850          |
| 302       | 0     | 0     | 19    | 26    | 19    | 62            | 0.30          | 0.42          | 0.30          | 855          | 850           | 855          |
| 306       | 0     | 0     | 19    | 24    | 18    | 61            | 0.31          | 0.40          | 0.29          | 839          | 840           | 839          |
| 310       | 0     | 0     | 19    | 21    | 16    | 57            | 0.33          | 0.38          | 0.28          | 805          | 840           | 805          |
| 313       | 0     | 0     | 19    | 22    | 16    | 60            | 0.32          | 0.36          | 0.26          | 798          | 840           | 798          |
| 317       | 0     | 0     | 19    | 24    | 17    | 62            | 0.32          | 0.39          | 0.28          | 831          | 840           | 831          |
| 320       | 0     | 0     | 20    | 26    | 19    | 64            | 0.31          | 0.40          | 0.29          | 857          | 840           | 857          |
| 324       | 0     | 0     | 19    | 26    | 18    | 65            | 0.30          | 0.41          | 0.29          | 849          | 830           | 849          |
| 328       | 0     | 0     | 20    | 25    | 19    | 64            | 0.31          | 0.40          | 0.29          | 858          | 830           | 858          |
| 331       | 0     | 0     | 19    | 25    | 18    | 61            | 0.31          | 0.41          | 0.29          | 841          | 830           | 841          |
| 335       | 0     | 0     | 19    | 25    | 17    | 58            | 0.32          | 0.42          | 0.29          | 819          | 830           | 819          |
| 338       | 0     | 0     | 19    | 26    | 18    | 61            | 0.31          | 0.42          | 0.29          | 839          | 830           | 839          |
| 342       | 0     | 0     | 19    | 24    | 17    | 59            | 0.32          | 0.41          | 0.29          | 833          | 820           | 833          |
| 346       | 0     | 0     | 18    | 22    | 16    | 55            | 0.33          | 0.40          | 0.30          | 811          | 820           | 811          |
| 349       | 0     | 0     | 18    | 21    | 16    | 52            | 0.34          | 0.41          | 0.30          | 786          | 830           | 786          |
| 353       | 0     | 0     | 18    | 24    | 17    | 57            | 0.33          | 0.43          | 0.31          | 830          | 830           | 830          |
| 356       | 0     | 0     | 18    | 23    | 17    | 57            | 0.32          | 0.41          | 0.30          | 822          | 840           | 822          |
| 360       | 0     | 0     | 18    | 24    | 17    | 56            | 0.33          | 0.43          | 0.31          | 826          | 850           | 826          |
| E614660 : |       |       |       |       |       |               |               |               |               |              |               |              |
| 180       | 0     | 0     | 18    | 27    | 22    | 66            | 0.27          | 0.42          | 0.33          | 910          | 740           | 910          |
| 184       | 0     | 0     | 18    | 27    | 22    | 65            | 0.28          | 0.42          | 0.34          | 912          | 740           | 912          |
| 187       | 0     | 0     | 18    | 27    | 22    | 65            | 0.28          | 0.42          | 0.33          | 910          | 740           | 910          |
| 191       | 0     | 0     | 18    | 27    | 21    | 64            | 0.28          | 0.41          | 0.32          | 897          | 740           | 897          |
| 194       | 0     | 0     | 18    | 26    | 21    | 63            | 0.28          | 0.41          | 0.33          | 898          | 740           | 898          |
| 198       | 0     | 0     | 17    | 25    | 19    | 61            | 0.29          | 0.41          | 0.32          | 874          | 740           | 874          |
| 202       | 0     | 0     | 17    | 25    | 20    | 60            | 0.29          | 0.42          | 0.33          | 874          | 740           | 874          |
| 205       | 0     | 0     | 17    | 24    | 19    | 58            | 0.29          | 0.40          | 0.32          | 862          | 730           | 862          |
| 209       | 0     | 0     | 18    | 25    | 20    | 60            | 0.29          | 0.41          | 0.32          | 879          | 730           | 879          |
| 212       | 0     | 0     | 16    | 21    | 17    | 54            | 0.29          | 0.39          | 0.32          | 829          | 730           | 829          |
| 216       | 0     | 0     | 17    | 24    | 19    | 59            | 0.29          | 0.41          | 0.32          | 866          | 730           | 866          |
| 220       | 0     | 0     | 17    | 24    | 19    | 60            | 0.29          | 0.40          | 0.31          | 860          | 730           | 860          |
| 223       | 0     | 0     | 17    | 25    | 19    | 60            | 0.29          | 0.42          | 0.32          | 870          | 730           | 870          |
| 227       | 0     | 0     | 17    | 24    | 18    | 59            | 0.29          | 0.41          | 0.31          | 854          | 730           | 854          |
| 230       | 0     | 0     | 17    | 25    | 19    | 59            | 0.29          | 0.42          | 0.32          | 857          | 730           | 857          |
| 234       | 0     | 0     | 18    | 24    | 18    | 59            | 0.30          | 0.41          | 0.31          | 851          | 730           | 851          |
| 238       | 0     | 0     | 17    | 25    | 19    | 59            | 0.29          | 0.42          | 0.32          | 864          | 720           | 864          |
| 241       | 0     | 0     | 18    | 26    | 20    | 60            | 0.29          | 0.43          | 0.33          | 873          | 720           | 873          |
| 245       | 0     | 0     | 18    | 25    | 19    | 61            | 0.29          | 0.42          | 0.32          | 870          | 720           | 870          |
| 248       | 0     | 0     | 18    | 25    | 19    | 60            | 0.30          | 0.42          | 0.32          | 866          | 720           | 866          |
| 252       | 0     | 0     | 18    | 26    | 19    | 61            | 0.29          | 0.42          | 0.32          | 868          | 720           | 868          |
| 256       | 0     | 0     | 18    | 24    | 19    | 60            | 0.30          | 0.40          | 0.31          | 861          | 720           | 861          |
| 259       | 0     | 0     | 18    | 24    | 19    | 59            | 0.31          | 0.41          | 0.32          | 862          | 720           | 862          |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 263       | 0     | 0     | 18    | 24    | 18    | 58            | 0.31          | 0.41          | 0.31          | 856          | 720           | 856                   |
| 266       | 0     | 0     | 18    | 24    | 18    | 58            | 0.31          | 0.41          | 0.32          | 857          | 720           | 857                   |
| 270       | 0     | 0     | 18    | 24    | 17    | 58            | 0.31          | 0.41          | 0.30          | 834          | 720           | 834                   |
| 274       | 0     | 0     | 18    | 23    | 17    | 56            | 0.31          | 0.40          | 0.30          | 826          | 720           | 826                   |
| 277       | 0     | 0     | 18    | 25    | 19    | 60            | 0.31          | 0.41          | 0.32          | 868          | 720           | 868                   |
| 281       | 0     | 0     | 18    | 25    | 19    | 60            | 0.31          | 0.42          | 0.32          | 875          | 720           | 875                   |
| 284       | 0     | 0     | 19    | 25    | 19    | 60            | 0.31          | 0.41          | 0.32          | 875          | 720           | 875                   |
| 288       | 0     | 0     | 18    | 24    | 19    | 59            | 0.31          | 0.42          | 0.33          | 871          | 720           | 871                   |
| 292       | 0     | 0     | 19    | 26    | 20    | 61            | 0.30          | 0.42          | 0.33          | 887          | 720           | 887                   |
| 295       | 0     | 0     | 19    | 26    | 20    | 61            | 0.31          | 0.42          | 0.33          | 887          | 720           | 887                   |
| 299       | 0     | 0     | 19    | 27    | 21    | 62            | 0.30          | 0.43          | 0.34          | 893          | 720           | 893                   |
| 302       | 0     | 0     | 18    | 26    | 20    | 62            | 0.30          | 0.42          | 0.33          | 890          | 720           | 890                   |
| 306       | 0     | 0     | 19    | 26    | 21    | 62            | 0.30          | 0.43          | 0.33          | 891          | 720           | 891                   |
| 310       | 0     | 0     | 19    | 26    | 20    | 62            | 0.30          | 0.42          | 0.32          | 879          | 720           | 879                   |
| 313       | 0     | 0     | 19    | 27    | 21    | 62            | 0.30          | 0.43          | 0.33          | 891          | 720           | 891                   |
| 317       | 0     | 0     | 18    | 28    | 21    | 63            | 0.29          | 0.44          | 0.34          | 895          | 720           | 895                   |
| 320       | 0     | 0     | 19    | 27    | 21    | 64            | 0.30          | 0.43          | 0.33          | 895          | 720           | 895                   |
| 324       | 0     | 0     | 18    | 27    | 20    | 60            | 0.31          | 0.44          | 0.34          | 883          | 720           | 883                   |
| 328       | 0     | 0     | 19    | 27    | 21    | 62            | 0.30          | 0.44          | 0.34          | 894          | 720           | 894                   |
| 331       | 0     | 0     | 19    | 27    | 22    | 64            | 0.29          | 0.43          | 0.35          | 915          | 720           | 915                   |
| 335       | 0     | 0     | 19    | 28    | 22    | 65            | 0.30          | 0.43          | 0.35          | 918          | 730           | 918                   |
| 338       | 0     | 0     | 19    | 28    | 23    | 66            | 0.29          | 0.43          | 0.35          | 918          | 730           | 918                   |
| 342       | 0     | 0     | 19    | 28    | 22    | 65            | 0.29          | 0.42          | 0.34          | 914          | 730           | 914                   |
| 346       | 0     | 0     | 19    | 29    | 23    | 66            | 0.29          | 0.43          | 0.35          | 918          | 740           | 918                   |
| 349       | 0     | 0     | 18    | 27    | 21    | 64            | 0.29          | 0.43          | 0.33          | 899          | 750           | 899                   |
| 353       | 0     | 0     | 19    | 27    | 22    | 64            | 0.30          | 0.43          | 0.34          | 911          | 770           | 911                   |
| 356       | 0     | 0     | 19    | 28    | 22    | 64            | 0.30          | 0.43          | 0.35          | 912          | 780           | 912                   |
| 360       | 0     | 0     | 19    | 25    | 20    | 59            | 0.31          | 0.42          | 0.33          | 879          | 790           | 879                   |
| E615691 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 47        | 0     | 0     | 18    | 21    | 15    | 55            | 0.33          | 0.38          | 0.28          | 782          | 550           | 782                   |
| 50        | 0     | 0     | 17    | 19    | 14    | 53            | 0.33          | 0.37          | 0.27          | 747          | 510           | 747                   |
| 54        | 0     | 0     | 17    | 18    | 13    | 52            | 0.33          | 0.35          | 0.26          | 719          | 440           | 719                   |
| 58        | 0     | 0     | 18    | 20    | 14    | 54            | 0.33          | 0.37          | 0.25          | 739          | 590           | 739                   |
| 61        | 0     | 0     | 18    | 21    | 14    | 55            | 0.33          | 0.38          | 0.26          | 756          | 630           | 756                   |
| 65        | 0     | 0     | 19    | 22    | 16    | 58            | 0.32          | 0.38          | 0.27          | 793          | 690           | 793                   |
| 68        | 0     | 0     | 19    | 22    | 16    | 57            | 0.33          | 0.38          | 0.28          | 798          | 600           | 798                   |
| 72        | 0     | 0     | 18    | 21    | 16    | 56            | 0.33          | 0.38          | 0.28          | 790          | 580           | 790                   |
| 76        | 0     | 0     | 19    | 23    | 16    | 58            | 0.32          | 0.40          | 0.28          | 802          | 610           | 802                   |
| 79        | 0     | 0     | 17    | 21    | 15    | 55            | 0.32          | 0.38          | 0.28          | 778          | 640           | 778                   |
| 83        | 0     | 0     | 18    | 21    | 16    | 56            | 0.33          | 0.38          | 0.29          | 797          | 560           | 797                   |
| 86        | 0     | 0     | 19    | 22    | 16    | 56            | 0.33          | 0.39          | 0.28          | 802          | 540           | 802                   |
| 90        | 0     | 0     | 18    | 21    | 15    | 54            | 0.33          | 0.38          | 0.28          | 781          | 650           | 781                   |
| 94        | 0     | 0     | 17    | 21    | 16    | 53            | 0.33          | 0.39          | 0.29          | 788          | 630           | 788                   |
| 97        | 0     | 0     | 16    | 19    | 14    | 49            | 0.33          | 0.38          | 0.29          | 738          | 610           | 738                   |
| 101       | 0     | 0     | 16    | 19    | 14    | 54            | 0.30          | 0.35          | 0.26          | 739          | 590           | 739                   |
| 104       | 0     | 0     | 16    | 21    | 16    | 53            | 0.31          | 0.39          | 0.30          | 793          | 570           | 793                   |
| 108       | 0     | 0     | 17    | 20    | 16    | 52            | 0.32          | 0.39          | 0.31          | 795          | 530           | 795                   |
| 112       | 0     | 0     | 16    | 19    | 14    | 48            | 0.33          | 0.40          | 0.30          | 744          | 470           | 744                   |
| 115       | 0     | 0     | 16    | 19    | 14    | 49            | 0.32          | 0.38          | 0.29          | 747          | 470           | 747                   |
| 119       | 0     | 0     | 13    | 15    | 12    | 43            | 0.31          | 0.36          | 0.29          | 653          | 470           | 653                   |
| 122       | 0     | 0     | 13    | 15    | 12    | 45            | 0.30          | 0.33          | 0.27          | 636          | 480           | 636                   |
| 126       | 0     | 0     | 10    | 11    | 9     | 35            | 0.30          | 0.31          | 0.26          | 473          | 460           | 473                   |
| 130       | 0     | 0     | 8     | 10    | 9     | 34            | 0.24          | 0.30          | 0.25          | 439          | 460           | 439                   |
| 133       | 0     | 0     | 9     | 12    | 10    | 38            | 0.25          | 0.31          | 0.25          | 508          | 460           | 508                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD 270/ 370/ 500/ |       |       |       | EST. PEEL | MEAS. PEEL | NORM.     |
|-----------|-------|-------|-------|-------|-------|----------------------|-------|-------|-------|-----------|------------|-----------|
|           |       |       |       |       |       | BAND                 | BBAND | BBAND | BBAND |           |            | EST. PEEL |
| 180       | 0     | 0     | 16    | 17    | 13    | 53                   | 0.29  | 0.33  | 0.25  | 704       | 440        | 704       |
| 184       | 0     | 0     | 15    | 17    | 13    | 47                   | 0.32  | 0.35  | 0.27  | 684       | 440        | 684       |
| 187       | 0     | 0     | 16    | 19    | 14    | 48                   | 0.33  | 0.41  | 0.29  | 735       | 470        | 735       |
| 191       | 0     | 0     | 16    | 20    | 14    | 49                   | 0.32  | 0.40  | 0.29  | 752       | 520        | 752       |
| 194       | 0     | 0     | 16    | 19    | 14    | 53                   | 0.31  | 0.36  | 0.27  | 745       | 580        | 745       |
| 198       | 0     | 0     | 16    | 19    | 14    | 50                   | 0.32  | 0.38  | 0.28  | 742       | 660        | 742       |
| 270       | 0     | 0     | 12    | 15    | 12    | 47                   | 0.25  | 0.32  | 0.25  | 629       | 460        | 629       |
| 274       | 0     | 0     | 12    | 15    | 12    | 47                   | 0.26  | 0.32  | 0.25  | 626       | 460        | 626       |
| 277       | 0     | 0     | 13    | 15    | 12    | 48                   | 0.27  | 0.31  | 0.26  | 648       | 450        | 648       |
| 281       | 0     | 0     | 12    | 14    | 12    | 45                   | 0.28  | 0.31  | 0.26  | 612       | 430        | 612       |
| 284       | 0     | 0     | 14    | 15    | 12    | 46                   | 0.30  | 0.32  | 0.25  | 622       | 420        | 622       |
| 288       | 0     | 0     | 12    | 13    | 11    | 41                   | 0.28  | 0.33  | 0.27  | 590       | 420        | 590       |
| 292       | 0     | 0     | 11    | 14    | 11    | 43                   | 0.26  | 0.32  | 0.25  | 592       | 420        | 592       |
| 295       | 0     | 0     | 13    | 15    | 11    | 45                   | 0.28  | 0.33  | 0.25  | 611       | 480        | 611       |
| 299       | 0     | 0     | 15    | 16    | 13    | 44                   | 0.34  | 0.37  | 0.29  | 668       | 500        | 668       |
| E616076 I |       |       |       |       |       |                      |       |       |       |           |            |           |
| 36        | 4     | 0     | 20    | 33    | 26    | 84                   | 0.24  | 0.39  | 0.31  | 1360      | 440        | 1360      |
| 40        | 3     | 0     | 20    | 32    | 26    | 82                   | 0.25  | 0.39  | 0.32  | 1324      | 450        | 1324      |
| 43        | 2     | 0     | 19    | 30    | 25    | 80                   | 0.24  | 0.38  | 0.31  | 1278      | 460        | 1278      |
| 47        | 6     | 0     | 20    | 32    | 25    | 84                   | 0.24  | 0.38  | 0.30  | 1340      | 460        | 1340      |
| 50        | 5     | 0     | 20    | 32    | 26    | 84                   | 0.23  | 0.38  | 0.31  | 1335      | 450        | 1335      |
| 54        | 4     | 0     | 20    | 30    | 25    | 83                   | 0.24  | 0.37  | 0.31  | 1294      | 450        | 1294      |
| 58        | 5     | 0     | 20    | 29    | 25    | 85                   | 0.23  | 0.34  | 0.30  | 1275      | 440        | 1275      |
| 61        | 6     | 0     | 20    | 31    | 26    | 84                   | 0.23  | 0.37  | 0.31  | 1323      | 440        | 1323      |
| 65        | 41    | 0     | 20    | 30    | 25    | 81                   | 0.25  | 0.37  | 0.31  | 1272      | 440        | 1272      |
| 68        | 0     | 0     | 19    | 23    | 20    | 63                   | 0.30  | 0.37  | 0.32  | 1007      | 440        | 1007      |
| 72        | 40    | 0     | 19    | 32    | 25    | 84                   | 0.23  | 0.39  | 0.30  | 1357      | 440        | 1357      |
| 76        | 6     | 0     | 21    | 34    | 28    | 88                   | 0.23  | 0.39  | 0.32  | 1410      | 420        | 1410      |
| 79        | 5     | 0     | 19    | 31    | 26    | 84                   | 0.23  | 0.37  | 0.30  | 1334      | 430        | 1334      |
| 83        | 5     | 0     | 19    | 32    | 26    | 84                   | 0.23  | 0.38  | 0.31  | 1337      | 430        | 1337      |
| 86        | 2     | 0     | 20    | 34    | 27    | 83                   | 0.25  | 0.41  | 0.32  | 1376      | 430        | 1376      |
| 90        | 5     | 0     | 20    | 33    | 26    | 86                   | 0.23  | 0.38  | 0.30  | 1377      | 420        | 1377      |
| 94        | 5     | 0     | 20    | 32    | 26    | 88                   | 0.22  | 0.37  | 0.30  | 1379      | 420        | 1379      |
| 97        | 4     | 0     | 20    | 33    | 27    | 91                   | 0.22  | 0.36  | 0.29  | 1410      | 410        | 1410      |
| 101       | 36    | 0     | 20    | 34    | 26    | 82                   | 0.24  | 0.41  | 0.32  | 1371      | 410        | 1371      |
| 104       | 0     | 0     | 19    | 31    | 24    | 67                   | 0.28  | 0.46  | 0.36  | 1216      | 410        | 1216      |
| 108       | 43    | 0     | 21    | 35    | 27    | 86                   | 0.25  | 0.41  | 0.32  | 1421      | 420        | 1421      |
| 238       | 18    | 0     | 22    | 38    | 29    | 82                   | 0.27  | 0.46  | 0.35  | 1425      | 440        | 1425      |
| 241       | 28    | 0     | 23    | 39    | 29    | 90                   | 0.26  | 0.44  | 0.33  | 1508      | 440        | 1508      |
| 245       | 24    | 0     | 23    | 37    | 29    | 84                   | 0.28  | 0.45  | 0.34  | 1437      | 440        | 1437      |
| 248       | 6     | 0     | 23    | 37    | 28    | 86                   | 0.27  | 0.43  | 0.33  | 1442      | 450        | 1442      |
| 252       | 11    | 0     | 23    | 39    | 28    | 86                   | 0.27  | 0.45  | 0.33  | 1477      | 450        | 1477      |
| 256       | 24    | 0     | 24    | 39    | 29    | 84                   | 0.28  | 0.46  | 0.34  | 1466      | 450        | 1466      |
| 259       | 20    | 0     | 24    | 39    | 29    | 83                   | 0.28  | 0.47  | 0.35  | 1450      | 450        | 1450      |
| 263       | 26    | 0     | 24    | 39    | 30    | 88                   | 0.28  | 0.45  | 0.34  | 1494      | 450        | 1494      |
| 266       | 39    | 0     | 24    | 39    | 30    | 84                   | 0.29  | 0.47  | 0.36  | 1457      | 440        | 1457      |
| 270       | 22    | 0     | 25    | 40    | 30    | 87                   | 0.28  | 0.46  | 0.34  | 1501      | 440        | 1501      |
| 274       | 19    | 0     | 25    | 40    | 30    | 87                   | 0.28  | 0.46  | 0.34  | 1507      | 440        | 1507      |
| 277       | 37    | 0     | 25    | 41    | 30    | 90                   | 0.27  | 0.45  | 0.34  | 1526      | 440        | 1526      |
| 281       | 2     | 0     | 25    | 40    | 30    | 89                   | 0.28  | 0.44  | 0.34  | 1502      | 440        | 1502      |
| 284       | 15    | 0     | 24    | 39    | 29    | 83                   | 0.29  | 0.46  | 0.35  | 1454      | 440        | 1454      |
| 288       | 30    | 0     | 25    | 40    | 29    | 90                   | 0.28  | 0.44  | 0.32  | 1523      | 440        | 1523      |

Size: 26 X 6

Comments: Data extracted from regions exhibiting smooth adhesion pull.

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|          | ANGLE | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD BAND | 270/ BBAND | 370/ BBAND | 500/ BBAND | EST. PEEL | MEAS. PEEL | NORM. EST. PEEL |
|----------|-------|-------|-------|-------|-------|-------|------------|------------|------------|------------|-----------|------------|-----------------|
| 837585 : |       |       |       |       |       |       |            |            |            |            |           |            |                 |
| 137      | 0     | 0     | 12    | 14    | 11    | 46    | 0.26       | 0.30       | 0.24       | 588        | 760       | 614        |                 |
| 140      | 0     | 0     | 11    | 14    | 11    | 47    | 0.23       | 0.29       | 0.22       | 582        | 760       | 607        |                 |
| 144      | 0     | 0     | 11    | 14    | 10    | 49    | 0.23       | 0.28       | 0.21       | 570        | 740       | 595        |                 |
| 148      | 0     | 0     | 11    | 13    | 10    | 47    | 0.23       | 0.28       | 0.21       | 544        | 720       | 568        |                 |
| 151      | 0     | 0     | 11    | 13    | 10    | 48    | 0.22       | 0.28       | 0.20       | 554        | 720       | 578        |                 |
| 155      | 0     | 0     | 10    | 14    | 10    | 45    | 0.23       | 0.30       | 0.23       | 570        | 720       | 595        |                 |
| 158      | 0     | 0     | 10    | 15    | 11    | 44    | 0.24       | 0.34       | 0.26       | 620        | 720       | 647        |                 |
| 162      | 0     | 0     | 12    | 14    | 11    | 43    | 0.27       | 0.33       | 0.25       | 600        | 700       | 626        |                 |
| 166      | 0     | 0     | 13    | 15    | 12    | 43    | 0.30       | 0.35       | 0.27       | 631        | 700       | 658        |                 |
| 169      | 0     | 0     | 15    | 16    | 13    | 48    | 0.31       | 0.34       | 0.26       | 674        | 720       | 703        |                 |
| 173      | 0     | 0     | 15    | 16    | 13    | 47    | 0.32       | 0.34       | 0.27       | 675        | 740       | 704        |                 |
| 176      | 0     | 0     | 15    | 16    | 13    | 46    | 0.32       | 0.34       | 0.28       | 675        | 730       | 704        |                 |
| 180      | 0     | 0     | 15    | 16    | 13    | 46    | 0.33       | 0.34       | 0.28       | 672        | 720       | 701        |                 |
| 184      | 0     | 0     | 15    | 15    | 13    | 45    | 0.34       | 0.34       | 0.28       | 666        | 720       | 695        |                 |
| 187      | 0     | 0     | 16    | 16    | 13    | 48    | 0.34       | 0.34       | 0.28       | 687        | 720       | 717        |                 |
| 191      | 0     | 0     | 15    | 16    | 13    | 45    | 0.34       | 0.34       | 0.28       | 664        | 720       | 693        |                 |
| 194      | 0     | 0     | 14    | 15    | 12    | 43    | 0.32       | 0.34       | 0.28       | 633        | 700       | 661        |                 |
| 198      | 0     | 0     | 14    | 15    | 12    | 41    | 0.33       | 0.35       | 0.28       | 626        | 750       | 653        |                 |
| 202      | 0     | 0     | 14    | 14    | 12    | 42    | 0.34       | 0.35       | 0.29       | 627        | 730       | 654        |                 |
| 205      | 0     | 0     | 12    | 13    | 11    | 40    | 0.31       | 0.33       | 0.28       | 592        | 740       | 618        |                 |
| 209      | 0     | 0     | 13    | 14    | 12    | 42    | 0.32       | 0.34       | 0.28       | 621        | 730       | 648        |                 |
| 212      | 0     | 0     | 15    | 15    | 13    | 44    | 0.34       | 0.35       | 0.29       | 663        | 740       | 692        |                 |
| 216      | 0     | 0     | 14    | 15    | 12    | 42    | 0.32       | 0.36       | 0.28       | 642        | 750       | 670        |                 |
| 220      | 0     | 0     | 14    | 14    | 12    | 42    | 0.33       | 0.34       | 0.28       | 630        | 750       | 657        |                 |
| 223      | 0     | 0     | 16    | 16    | 14    | 47    | 0.35       | 0.35       | 0.29       | 697        | 760       | 727        |                 |
| C69415 : |       |       |       |       |       |       |            |            |            |            |           |            |                 |
| 227      | 0     | 0     | 17    | 24    | 15    | 62    | 0.28       | 0.38       | 0.24       | 770        | 630       | 803        |                 |
| 230      | 0     | 0     | 17    | 23    | 15    | 63    | 0.27       | 0.37       | 0.24       | 775        | 620       | 809        |                 |
| 234      | 0     | 0     | 17    | 24    | 15    | 62    | 0.27       | 0.39       | 0.24       | 764        | 620       | 797        |                 |
| 238      | 0     | 0     | 17    | 24    | 15    | 64    | 0.26       | 0.38       | 0.24       | 780        | 620       | 814        |                 |
| 241      | 0     | 0     | 17    | 24    | 15    | 65    | 0.27       | 0.37       | 0.23       | 782        | 600       | 816        |                 |
| 245      | 0     | 0     | 19    | 25    | 15    | 67    | 0.28       | 0.37       | 0.23       | 793        | 610       | 827        |                 |
| 248      | 0     | 0     | 20    | 25    | 16    | 61    | 0.32       | 0.41       | 0.27       | 800        | 600       | 835        |                 |
| 252      | 0     | 0     | 18    | 24    | 16    | 65    | 0.28       | 0.37       | 0.24       | 794        | 600       | 829        |                 |
| 256      | 0     | 0     | 17    | 25    | 15    | 64    | 0.26       | 0.38       | 0.23       | 770        | 600       | 803        |                 |
| 259      | 0     | 0     | 17    | 24    | 15    | 56    | 0.29       | 0.43       | 0.26       | 755        | 590       | 788        |                 |
| 263      | 0     | 0     | 16    | 24    | 15    | 58    | 0.28       | 0.41       | 0.26       | 766        | 590       | 799        |                 |
| 266      | 0     | 0     | 17    | 25    | 15    | 58    | 0.29       | 0.43       | 0.26       | 757        | 590       | 790        |                 |
| 270      | 0     | 0     | 18    | 24    | 15    | 58    | 0.31       | 0.41       | 0.26       | 767        | 590       | 800        |                 |
| 274      | 0     | 0     | 18    | 24    | 15    | 59    | 0.30       | 0.41       | 0.26       | 772        | 580       | 806        |                 |
| 277      | 0     | 0     | 18    | 23    | 15    | 58    | 0.31       | 0.40       | 0.25       | 765        | 580       | 798        |                 |
| 281      | 0     | 0     | 18    | 24    | 15    | 55    | 0.32       | 0.43       | 0.27       | 758        | 580       | 791        |                 |
| 284      | 0     | 0     | 20    | 27    | 17    | 63    | 0.31       | 0.42       | 0.27       | 800        | 580       | 835        |                 |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 288       | 0     | 0     | 20    | 28    | 17    | 63            | 0.32          | 0.45          | 0.27          | 782          | 620           | 816                   |
| 292       | 0     | 0     | 19    | 27    | 17    | 63            | 0.30          | 0.42          | 0.28          | 817          | 610           | 853                   |
| 295       | 0     | 0     | 19    | 27    | 17    | 65            | 0.30          | 0.42          | 0.27          | 813          | 590           | 848                   |
| 299       | 0     | 0     | 19    | 28    | 18    | 65            | 0.30          | 0.42          | 0.27          | 821          | 590           | 857                   |
| 302       | 0     | 0     | 19    | 28    | 18    | 66            | 0.29          | 0.43          | 0.27          | 819          | 600           | 855                   |
| 306       | 0     | 0     | 19    | 28    | 18    | 66            | 0.29          | 0.43          | 0.28          | 822          | 580           | 858                   |
| 310       | 0     | 0     | 19    | 28    | 18    | 66            | 0.28          | 0.43          | 0.28          | 829          | 580           | 865                   |
| 313       | 0     | 0     | 18    | 27    | 18    | 62            | 0.29          | 0.44          | 0.29          | 821          | 560           | 857                   |
| 317       | 0     | 0     | 17    | 26    | 18    | 61            | 0.28          | 0.43          | 0.29          | 827          | 560           | 863                   |
| 320       | 0     | 0     | 20    | 29    | 20    | 68            | 0.29          | 0.43          | 0.29          | 841          | 570           | 878                   |
| 324       | 0     | 0     | 20    | 31    | 20    | 69            | 0.29          | 0.45          | 0.29          | 828          | 560           | 864                   |
| 328       | 0     | 0     | 20    | 30    | 21    | 68            | 0.29          | 0.44          | 0.30          | 846          | 530           | 883                   |
| 331       | 0     | 0     | 20    | 31    | 21    | 69            | 0.29          | 0.45          | 0.30          | 833          | 540           | 869                   |
| 335       | 0     | 0     | 19    | 30    | 20    | 69            | 0.28          | 0.44          | 0.29          | 841          | 560           | 878                   |
| 338       | 0     | 0     | 19    | 31    | 21    | 68            | 0.29          | 0.45          | 0.30          | 839          | 570           | 875                   |
| 342       | 0     | 0     | 19    | 31    | 20    | 66            | 0.29          | 0.47          | 0.31          | 822          | 570           | 858                   |
| 346       | 0     | 0     | 20    | 31    | 21    | 66            | 0.30          | 0.47          | 0.31          | 827          | 570           | 863                   |
| 349       | 0     | 0     | 19    | 31    | 20    | 64            | 0.30          | 0.49          | 0.31          | 807          | 560           | 842                   |
| 353       | 0     | 0     | 19    | 31    | 20    | 64            | 0.30          | 0.48          | 0.31          | 810          | 600           | 845                   |
| 356       | 0     | 0     | 20    | 31    | 20    | 65            | 0.30          | 0.48          | 0.31          | 819          | 540           | 855                   |
| 360       | 0     | 0     | 20    | 32    | 22    | 68            | 0.29          | 0.47          | 0.32          | 826          | 550           | 862                   |
| C69416 :  |       |       |       |       |       |               |               |               |               |              |               |                       |
| 137       | 0     | 0     | 21    | 29    | 18    | 70            | 0.30          | 0.42          | 0.26          | 816          | 580           | 851                   |
| 140       | 0     | 0     | 21    | 28    | 18    | 67            | 0.32          | 0.42          | 0.27          | 829          | 580           | 865                   |
| 144       | 0     | 0     | 20    | 28    | 19    | 65            | 0.31          | 0.44          | 0.29          | 827          | 590           | 863                   |
| 148       | 0     | 0     | 17    | 23    | 15    | 63            | 0.27          | 0.37          | 0.24          | 779          | 560           | 813                   |
| 151       | 0     | 0     | 22    | 29    | 18    | 69            | 0.32          | 0.42          | 0.26          | 807          | 580           | 842                   |
| 155       | 0     | 0     | 22    | 28    | 17    | 71            | 0.31          | 0.40          | 0.25          | 815          | 610           | 850                   |
| 158       | 0     | 0     | 22    | 28    | 18    | 67            | 0.33          | 0.42          | 0.26          | 814          | 610           | 849                   |
| 162       | 0     | 0     | 21    | 28    | 18    | 73            | 0.29          | 0.38          | 0.24          | 828          | 590           | 864                   |
| 166       | 0     | 0     | 21    | 26    | 17    | 73            | 0.29          | 0.35          | 0.23          | 826          | 560           | 862                   |
| 169       | 0     | 0     | 22    | 27    | 17    | 77            | 0.28          | 0.35          | 0.22          | 832          | 540           | 868                   |
| 173       | 0     | 0     | 21    | 26    | 16    | 76            | 0.28          | 0.34          | 0.21          | 816          | 540           | 851                   |
| 176       | 0     | 0     | 20    | 25    | 15    | 75            | 0.27          | 0.34          | 0.20          | 783          | 540           | 817                   |
| 180       | 0     | 0     | 20    | 27    | 16    | 74            | 0.27          | 0.36          | 0.21          | 793          | 540           | 827                   |
| 184       | 0     | 0     | 15    | 21    | 13    | 61            | 0.25          | 0.35          | 0.22          | 738          | 540           | 770                   |
| 187       | 0     | 0     | 15    | 21    | 13    | 69            | 0.21          | 0.30          | 0.19          | 739          | 540           | 771                   |
| 191       | 0     | 0     | 19    | 24    | 15    | 72            | 0.27          | 0.34          | 0.21          | 792          | 550           | 826                   |
| 194       | 0     | 0     | 20    | 26    | 16    | 70            | 0.29          | 0.37          | 0.23          | 812          | 570           | 847                   |
| 198       | 0     | 0     | 20    | 26    | 16    | 69            | 0.29          | 0.38          | 0.24          | 812          | 560           | 847                   |
| 202       | 0     | 0     | 20    | 27    | 17    | 70            | 0.29          | 0.39          | 0.25          | 819          | 540           | 855                   |
| 205       | 0     | 0     | 20    | 27    | 18    | 66            | 0.31          | 0.41          | 0.27          | 824          | 520           | 860                   |
| 209       | 0     | 0     | 21    | 29    | 18    | 70            | 0.30          | 0.41          | 0.26          | 821          | 520           | 857                   |
| 212       | 0     | 0     | 20    | 28    | 18    | 72            | 0.28          | 0.39          | 0.26          | 842          | 530           | 879                   |
| 216       | 0     | 0     | 20    | 31    | 19    | 81            | 0.25          | 0.38          | 0.23          | 830          | 550           | 866                   |
| 220       | 0     | 0     | 19    | 27    | 19    | 68            | 0.27          | 0.40          | 0.27          | 852          | 560           | 889                   |
| 223       | 0     | 0     | 20    | 32    | 20    | 68            | 0.30          | 0.47          | 0.30          | 816          | 540           | 851                   |
| D610907 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 101       | 0     | 0     | 21    | 34    | 26    | 71            | 0.30          | 0.48          | 0.36          | 878          | 520           | 916                   |
| 104       | 0     | 0     | 21    | 34    | 26    | 70            | 0.30          | 0.49          | 0.38          | 873          | 500           | 911                   |
| 108       | 0     | 0     | 21    | 33    | 25    | 71            | 0.29          | 0.47          | 0.36          | 884          | 480           | 922                   |
| 112       | 0     | 0     | 20    | 33    | 24    | 69            | 0.29          | 0.48          | 0.36          | 869          | 480           | 907                   |
| 115       | 0     | 0     | 20    | 32    | 25    | 68            | 0.30          | 0.48          | 0.36          | 884          | 480           | 922                   |
| 119       | 0     | 0     | 20    | 32    | 25    | 68            | 0.30          | 0.47          | 0.36          | 885          | 480           | 923                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 122       | 0     | 0     | 20    | 31    | 24    | 67            | 0.31          | 0.47          | 0.36          | 892          | 480           | 931                   |
| 126       | 0     | 0     | 20    | 31    | 24    | 67            | 0.30          | 0.47          | 0.36          | 895          | 480           | 934                   |
| 130       | 0     | 0     | 20    | 32    | 24    | 67            | 0.30          | 0.47          | 0.35          | 878          | 480           | 916                   |
| 133       | 0     | 0     | 20    | 31    | 23    | 68            | 0.30          | 0.47          | 0.35          | 883          | 480           | 921                   |
| 137       | 0     | 0     | 21    | 33    | 24    | 68            | 0.30          | 0.49          | 0.35          | 852          | 480           | 889                   |
| 140       | 0     | 0     | 21    | 32    | 23    | 65            | 0.33          | 0.50          | 0.36          | 855          | 490           | 892                   |
| 144       | 0     | 0     | 21    | 32    | 23    | 64            | 0.33          | 0.49          | 0.35          | 858          | 490           | 895                   |
| 148       | 0     | 0     | 21    | 32    | 23    | 63            | 0.34          | 0.51          | 0.36          | 852          | 500           | 889                   |
| 151       | 0     | 0     | 21    | 30    | 22    | 63            | 0.33          | 0.48          | 0.35          | 867          | 500           | 905                   |
| 155       | 0     | 0     | 21    | 32    | 23    | 66            | 0.32          | 0.48          | 0.36          | 873          | 520           | 911                   |
| 158       | 0     | 0     | 20    | 31    | 23    | 66            | 0.30          | 0.47          | 0.35          | 877          | 520           | 915                   |
| 162       | 0     | 0     | 20    | 31    | 24    | 67            | 0.30          | 0.46          | 0.35          | 896          | 540           | 935                   |
| 166       | 0     | 0     | 20    | 31    | 23    | 67            | 0.30          | 0.46          | 0.35          | 889          | 540           | 928                   |
| 169       | 0     | 0     | 20    | 30    | 23    | 67            | 0.29          | 0.45          | 0.35          | 900          | 540           | 939                   |
| 173       | 0     | 0     | 20    | 31    | 23    | 65            | 0.31          | 0.47          | 0.36          | 894          | 550           | 933                   |
| 176       | 0     | 0     | 20    | 31    | 23    | 66            | 0.30          | 0.47          | 0.35          | 887          | 560           | 926                   |
| 180       | 0     | 0     | 20    | 32    | 24    | 67            | 0.30          | 0.48          | 0.35          | 876          | 560           | 914                   |
| D611131 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 90        | 0     | 0     | 18    | 19    | 17    | 57            | 0.33          | 0.34          | 0.30          | 819          | 620           | 855                   |
| 94        | 0     | 0     | 18    | 19    | 17    | 55            | 0.33          | 0.35          | 0.30          | 810          | 660           | 845                   |
| 97        | 0     | 0     | 18    | 18    | 15    | 56            | 0.32          | 0.31          | 0.27          | 766          | 660           | 799                   |
| 101       | 0     | 0     | 19    | 18    | 16    | 56            | 0.33          | 0.33          | 0.28          | 775          | 660           | 809                   |
| 104       | 0     | 0     | 17    | 17    | 15    | 58            | 0.30          | 0.29          | 0.26          | 759          | 660           | 792                   |
| 108       | 0     | 0     | 18    | 19    | 16    | 58            | 0.30          | 0.32          | 0.27          | 790          | 660           | 824                   |
| D611343 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 137       | 0     | 0     | 18    | 26    | 20    | 61            | 0.30          | 0.42          | 0.32          | 880          | 610           | 918                   |
| 140       | 0     | 0     | 19    | 27    | 21    | 62            | 0.30          | 0.43          | 0.34          | 900          | 610           | 939                   |
| 144       | 0     | 0     | 18    | 25    | 20    | 61            | 0.30          | 0.41          | 0.33          | 883          | 610           | 921                   |
| 148       | 0     | 0     | 19    | 26    | 21    | 63            | 0.30          | 0.41          | 0.33          | 894          | 610           | 933                   |
| 151       | 0     | 0     | 19    | 28    | 21    | 63            | 0.29          | 0.44          | 0.34          | 889          | 610           | 928                   |
| 155       | 0     | 0     | 19    | 26    | 21    | 62            | 0.30          | 0.42          | 0.34          | 897          | 610           | 936                   |
| 158       | 0     | 0     | 19    | 27    | 22    | 64            | 0.29          | 0.42          | 0.34          | 909          | 610           | 949                   |
| 162       | 0     | 0     | 18    | 27    | 21    | 63            | 0.29          | 0.43          | 0.34          | 904          | 610           | 943                   |
| 166       | 0     | 0     | 18    | 27    | 22    | 63            | 0.29          | 0.43          | 0.35          | 910          | 610           | 950                   |
| 169       | 0     | 0     | 19    | 28    | 22    | 63            | 0.30          | 0.44          | 0.34          | 894          | 610           | 933                   |
| D612007 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 191       | 0     | 0     | 18    | 26    | 19    | 69            | 0.26          | 0.37          | 0.28          | 886          | 760           | 925                   |
| 194       | 0     | 0     | 18    | 27    | 20    | 70            | 0.25          | 0.38          | 0.29          | 902          | 750           | 941                   |
| 198       | 0     | 0     | 18    | 27    | 21    | 70            | 0.25          | 0.39          | 0.30          | 909          | 750           | 949                   |
| 202       | 0     | 0     | 18    | 29    | 23    | 71            | 0.25          | 0.41          | 0.32          | 927          | 760           | 967                   |
| 205       | 0     | 0     | 19    | 30    | 23    | 72            | 0.26          | 0.42          | 0.32          | 916          | 760           | 956                   |
| 209       | 0     | 0     | 18    | 28    | 22    | 70            | 0.26          | 0.40          | 0.32          | 921          | 760           | 961                   |
| 212       | 1     | 0     | 19    | 29    | 23    | 71            | 0.26          | 0.40          | 0.32          | 933          | 760           | 974                   |
| 216       | 1     | 0     | 18    | 28    | 22    | 71            | 0.26          | 0.40          | 0.31          | 922          | 760           | 962                   |
| 220       | 0     | 0     | 18    | 27    | 22    | 69            | 0.25          | 0.39          | 0.32          | 925          | 760           | 965                   |
| 223       | 0     | 0     | 18    | 27    | 21    | 71            | 0.25          | 0.38          | 0.30          | 914          | 760           | 954                   |
| 227       | 0     | 0     | 18    | 27    | 21    | 70            | 0.25          | 0.39          | 0.30          | 901          | 750           | 940                   |
| 230       | 0     | 0     | 17    | 27    | 20    | 67            | 0.26          | 0.41          | 0.30          | 887          | 760           | 926                   |
| 234       | 0     | 0     | 18    | 26    | 20    | 67            | 0.27          | 0.39          | 0.30          | 887          | 760           | 926                   |
| 238       | 0     | 0     | 18    | 27    | 21    | 69            | 0.25          | 0.39          | 0.30          | 904          | 760           | 943                   |
| 241       | 0     | 0     | 18    | 27    | 21    | 68            | 0.27          | 0.40          | 0.31          | 905          | 760           | 944                   |
| 245       | 0     | 0     | 18    | 26    | 21    | 69            | 0.26          | 0.38          | 0.30          | 907          | 760           | 946                   |
| 248       | 0     | 0     | 18    | 27    | 20    | 69            | 0.26          | 0.39          | 0.29          | 887          | 760           | 926                   |
| 252       | 0     | 0     | 17    | 26    | 19    | 66            | 0.26          | 0.40          | 0.29          | 868          | 780           | 906                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 256       | 0     | 0     | 17    | 26    | 20    | 67            | 0.26          | 0.39          | 0.30          | 896          | 760           | 935                   |
| 259       | 0     | 0     | 17    | 27    | 21    | 66            | 0.25          | 0.40          | 0.32          | 903          | 760           | 942                   |
| 263       | 0     | 0     | 17    | 26    | 20    | 64            | 0.27          | 0.41          | 0.32          | 890          | 760           | 929                   |
| 266       | 0     | 0     | 17    | 26    | 20    | 65            | 0.26          | 0.39          | 0.31          | 890          | 760           | 929                   |
| 270       | 0     | 0     | 17    | 26    | 20    | 68            | 0.26          | 0.38          | 0.29          | 891          | 760           | 930                   |
| 274       | 0     | 0     | 17    | 26    | 19    | 64            | 0.27          | 0.40          | 0.30          | 863          | 740           | 901                   |
| 277       | 0     | 0     | 18    | 25    | 18    | 65            | 0.27          | 0.38          | 0.28          | 854          | 730           | 891                   |
| 281       | 0     | 0     | 18    | 25    | 19    | 65            | 0.27          | 0.39          | 0.30          | 878          | 710           | 916                   |
| 284       | 0     | 0     | 18    | 26    | 20    | 64            | 0.28          | 0.40          | 0.31          | 879          | 720           | 917                   |
| 288       | 0     | 0     | 18    | 26    | 19    | 66            | 0.27          | 0.39          | 0.29          | 871          | 720           | 909                   |
| 292       | 0     | 0     | 18    | 26    | 20    | 66            | 0.28          | 0.39          | 0.30          | 883          | 720           | 921                   |
| 295       | 0     | 0     | 18    | 26    | 19    | 66            | 0.27          | 0.40          | 0.30          | 878          | 720           | 916                   |
| 299       | 0     | 0     | 18    | 26    | 20    | 66            | 0.28          | 0.40          | 0.30          | 878          | 720           | 916                   |
| 302       | 0     | 0     | 18    | 26    | 20    | 68            | 0.27          | 0.39          | 0.29          | 889          | 720           | 928                   |
| 306       | 0     | 0     | 18    | 25    | 19    | 65            | 0.28          | 0.39          | 0.29          | 872          | 720           | 910                   |
| 310       | 0     | 0     | 19    | 25    | 19    | 69            | 0.27          | 0.36          | 0.27          | 882          | 730           | 920                   |
| 313       | 0     | 0     | 18    | 26    | 20    | 66            | 0.27          | 0.39          | 0.30          | 884          | 740           | 922                   |
| 317       | 0     | 0     | 18    | 26    | 20    | 67            | 0.27          | 0.39          | 0.30          | 885          | 750           | 923                   |
| 320       | 0     | 0     | 19    | 26    | 19    | 67            | 0.28          | 0.38          | 0.28          | 871          | 750           | 909                   |
| 324       | 0     | 0     | 18    | 26    | 20    | 67            | 0.27          | 0.39          | 0.29          | 879          | 760           | 917                   |
| 328       | 0     | 0     | 18    | 26    | 19    | 68            | 0.27          | 0.37          | 0.27          | 872          | 760           | 910                   |
| 331       | 0     | 0     | 18    | 26    | 19    | 66            | 0.27          | 0.39          | 0.29          | 877          | 760           | 915                   |
| 335       | 0     | 0     | 18    | 26    | 20    | 67            | 0.26          | 0.39          | 0.29          | 880          | 760           | 918                   |
| 338       | 0     | 0     | 18    | 26    | 20    | 65            | 0.27          | 0.40          | 0.31          | 883          | 760           | 921                   |
| 342       | 0     | 0     | 18    | 26    | 21    | 66            | 0.27          | 0.40          | 0.31          | 901          | 770           | 940                   |
| 346       | 0     | 0     | 18    | 27    | 21    | 66            | 0.27          | 0.41          | 0.32          | 905          | 780           | 944                   |
| 349       | 0     | 0     | 18    | 28    | 21    | 68            | 0.27          | 0.42          | 0.32          | 900          | 800           | 939                   |
| 353       | 0     | 0     | 18    | 27    | 21    | 66            | 0.27          | 0.41          | 0.32          | 904          | 810           | 943                   |
| 356       | 0     | 0     | 18    | 27    | 21    | 67            | 0.27          | 0.41          | 0.32          | 906          | 810           | 945                   |
| 360       | 0     | 0     | 18    | 28    | 21    | 67            | 0.27          | 0.41          | 0.32          | 904          | 810           | 943                   |
| D612457 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 72        | 0     | 0     | 12    | 17    | 11    | 44            | 0.28          | 0.40          | 0.25          | 623          | 640           | 650                   |
| 76        | 0     | 0     | 12    | 17    | 11    | 43            | 0.28          | 0.39          | 0.24          | 617          | 640           | 644                   |
| 79        | 0     | 0     | 12    | 17    | 11    | 44            | 0.27          | 0.38          | 0.25          | 619          | 640           | 646                   |
| 83        | 0     | 0     | 8     | 14    | 9     | 38            | 0.22          | 0.35          | 0.22          | 508          | 640           | 530                   |
| 86        | 0     | 0     | 12    | 18    | 11    | 45            | 0.27          | 0.39          | 0.24          | 630          | 630           | 657                   |
| 90        | 0     | 0     | 13    | 18    | 11    | 45            | 0.28          | 0.39          | 0.25          | 639          | 630           | 667                   |
| 94        | 0     | 0     | 13    | 18    | 11    | 46            | 0.28          | 0.39          | 0.24          | 638          | 630           | 666                   |
| 97        | 0     | 0     | 13    | 18    | 11    | 47            | 0.28          | 0.39          | 0.24          | 646          | 630           | 674                   |
| 101       | 0     | 0     | 13    | 18    | 11    | 47            | 0.28          | 0.38          | 0.24          | 650          | 630           | 678                   |
| 104       | 0     | 0     | 13    | 17    | 11    | 45            | 0.29          | 0.38          | 0.25          | 640          | 630           | 668                   |
| 108       | 0     | 0     | 13    | 18    | 11    | 46            | 0.28          | 0.39          | 0.25          | 644          | 630           | 672                   |
| 202       | 0     | 0     | 11    | 17    | 11    | 41            | 0.28          | 0.40          | 0.26          | 617          | 560           | 644                   |
| 205       | 0     | 0     | 11    | 16    | 11    | 41            | 0.27          | 0.39          | 0.26          | 608          | 560           | 634                   |
| 209       | 0     | 0     | 11    | 15    | 10    | 40            | 0.28          | 0.38          | 0.25          | 586          | 560           | 611                   |
| 212       | 0     | 0     | 11    | 15    | 10    | 39            | 0.28          | 0.39          | 0.26          | 588          | 560           | 614                   |
| 216       | 0     | 0     | 11    | 15    | 10    | 39            | 0.28          | 0.38          | 0.26          | 578          | 560           | 603                   |
| 220       | 0     | 0     | 11    | 15    | 10    | 39            | 0.28          | 0.39          | 0.25          | 576          | 560           | 601                   |
| 223       | 0     | 0     | 11    | 16    | 10    | 40            | 0.27          | 0.39          | 0.26          | 593          | 580           | 619                   |
| 227       | 0     | 0     | 11    | 16    | 11    | 41            | 0.27          | 0.39          | 0.26          | 608          | 570           | 634                   |
| 230       | 0     | 0     | 11    | 16    | 11    | 41            | 0.28          | 0.39          | 0.27          | 617          | 570           | 644                   |
| 234       | 0     | 0     | 11    | 16    | 11    | 41            | 0.27          | 0.40          | 0.27          | 624          | 570           | 651                   |
| 238       | 0     | 0     | 11    | 16    | 11    | 41            | 0.26          | 0.38          | 0.27          | 619          | 580           | 646                   |
| 241       | 0     | 0     | 11    | 16    | 11    | 40            | 0.27          | 0.39          | 0.27          | 619          | 580           | 646                   |

|           |       |       |       |       |       |               |               |               |               |              | NORM.         |              |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|--------------|
| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>FEEL | EST.<br>PEEL |
| 245       | 0     | 0     | 11    | 15    | 11    | 39            | 0.27          | 0.39          | 0.27          | 607          | 580           | 633          |
| 248       | 0     | 0     | 10    | 15    | 11    | 39            | 0.27          | 0.38          | 0.27          | 592          | 570           | 618          |
| 252       | 0     | 0     | 10    | 14    | 10    | 40            | 0.25          | 0.36          | 0.25          | 570          | 580           | 595          |
| 256       | 0     | 0     | 9     | 13    | 9     | 36            | 0.24          | 0.37          | 0.25          | 518          | 580           | 541          |
| 259       | 0     | 0     | 10    | 14    | 10    | 38            | 0.26          | 0.37          | 0.26          | 565          | 580           | 590          |
| 263       | 0     | 0     | 9     | 14    | 9     | 38            | 0.24          | 0.37          | 0.25          | 541          | 580           | 565          |
| 266       | 0     | 0     | 10    | 15    | 11    | 39            | 0.27          | 0.39          | 0.27          | 596          | 590           | 622          |
| 270       | 0     | 0     | 11    | 15    | 11    | 40            | 0.26          | 0.38          | 0.27          | 598          | 590           | 624          |
| D613281 : |       |       |       |       |       |               |               |               |               |              |               |              |
| 162       | 3     | 0     | 22    | 37    | 25    | 72            | 0.30          | 0.51          | 0.35          | 799          | 980           | 834          |
| 166       | 1     | 0     | 22    | 36    | 25    | 74            | 0.30          | 0.49          | 0.34          | 813          | 980           | 848          |
| 169       | 2     | 0     | 22    | 36    | 25    | 75            | 0.30          | 0.48          | 0.33          | 819          | 980           | 855          |
| 173       | 8     | 0     | 22    | 37    | 25    | 74            | 0.30          | 0.50          | 0.34          | 777          | 1000          | 811          |
| 176       | 19    | 0     | 23    | 37    | 25    | 73            | 0.31          | 0.51          | 0.35          | 776          | 1010          | 810          |
| 180       | 5     | 0     | 23    | 37    | 26    | 75            | 0.31          | 0.49          | 0.34          | 799          | 1020          | 834          |
| D613330 : |       |       |       |       |       |               |               |               |               |              |               |              |
| 90        | 0     | 0     | 12    | 15    | 12    | 45            | 0.28          | 0.33          | 0.26          | 632          | 930           | 659          |
| 94        | 0     | 0     | 16    | 18    | 13    | 55            | 0.28          | 0.32          | 0.24          | 711          | 880           | 742          |
| 97        | 0     | 0     | 17    | 19    | 14    | 54            | 0.32          | 0.36          | 0.26          | 738          | 900           | 770          |
| 101       | 0     | 0     | 17    | 20    | 14    | 55            | 0.31          | 0.36          | 0.25          | 742          | 880           | 774          |
| 104       | 0     | 0     | 17    | 19    | 14    | 53            | 0.31          | 0.36          | 0.26          | 733          | 880           | 765          |
| 108       | 0     | 0     | 15    | 18    | 14    | 54            | 0.29          | 0.34          | 0.25          | 724          | 880           | 755          |
| 112       | 0     | 0     | 17    | 20    | 14    | 52            | 0.32          | 0.38          | 0.27          | 740          | 880           | 772          |
| 115       | 0     | 0     | 17    | 19    | 14    | 54            | 0.32          | 0.36          | 0.26          | 743          | 880           | 775          |
| 119       | 0     | 0     | 18    | 19    | 14    | 52            | 0.34          | 0.37          | 0.27          | 743          | 880           | 775          |
| 122       | 0     | 0     | 17    | 20    | 14    | 58            | 0.29          | 0.34          | 0.24          | 742          | 880           | 774          |
| 126       | 0     | 0     | 19    | 22    | 15    | 55            | 0.35          | 0.40          | 0.28          | 775          | 890           | 809          |
| 130       | 0     | 0     | 19    | 22    | 15    | 55            | 0.35          | 0.40          | 0.27          | 774          | 890           | 808          |
| 133       | 0     | 0     | 19    | 21    | 14    | 54            | 0.35          | 0.40          | 0.26          | 749          | 910           | 782          |
| 137       | 0     | 0     | 18    | 21    | 14    | 53            | 0.35          | 0.40          | 0.27          | 746          | 900           | 778          |
| 140       | 0     | 0     | 19    | 21    | 14    | 53            | 0.35          | 0.40          | 0.27          | 751          | 900           | 784          |
| 144       | 0     | 0     | 19    | 21    | 15    | 54            | 0.36          | 0.40          | 0.28          | 771          | 900           | 805          |
| 148       | 0     | 0     | 19    | 25    | 17    | 61            | 0.32          | 0.41          | 0.28          | 825          | 920           | 861          |
| 151       | 0     | 0     | 20    | 24    | 17    | 62            | 0.31          | 0.39          | 0.28          | 834          | 920           | 870          |
| 155       | 0     | 0     | 19    | 24    | 17    | 61            | 0.32          | 0.40          | 0.28          | 828          | 940           | 864          |
| 158       | 0     | 0     | 19    | 24    | 17    | 61            | 0.31          | 0.40          | 0.27          | 813          | 950           | 848          |
| 162       | 0     | 0     | 19    | 22    | 16    | 57            | 0.33          | 0.40          | 0.28          | 794          | 950           | 829          |
| 166       | 0     | 0     | 19    | 22    | 15    | 57            | 0.33          | 0.39          | 0.27          | 787          | 960           | 821          |
| 169       | 0     | 0     | 19    | 23    | 16    | 58            | 0.33          | 0.40          | 0.28          | 804          | 960           | 839          |
| 173       | 0     | 0     | 19    | 24    | 16    | 58            | 0.34          | 0.41          | 0.28          | 798          | 960           | 833          |
| 176       | 0     | 0     | 19    | 23    | 17    | 61            | 0.32          | 0.39          | 0.28          | 823          | 1000          | 859          |
| 180       | 0     | 0     | 19    | 24    | 17    | 61            | 0.32          | 0.39          | 0.28          | 826          | 1010          | 862          |
| D613749 : |       |       |       |       |       |               |               |               |               |              |               |              |
| 227       | 0     | 0     | 12    | 17    | 12    | 50            | 0.23          | 0.34          | 0.25          | 679          | 880           | 709          |
| 230       | 0     | 0     | 14    | 18    | 14    | 54            | 0.26          | 0.34          | 0.25          | 727          | 840           | 759          |
| 234       | 0     | 0     | 10    | 15    | 11    | 46            | 0.23          | 0.34          | 0.25          | 623          | 840           | 650          |
| 238       | 0     | 0     | 11    | 15    | 11    | 46            | 0.23          | 0.32          | 0.24          | 602          | 840           | 628          |
| 241       | 0     | 0     | 11    | 15    | 12    | 49            | 0.23          | 0.29          | 0.24          | 632          | 840           | 659          |
| 245       | 0     | 0     | 13    | 17    | 12    | 49            | 0.27          | 0.35          | 0.25          | 675          | 840           | 704          |
| 248       | 0     | 0     | 12    | 17    | 12    | 47            | 0.25          | 0.35          | 0.25          | 654          | 840           | 682          |
| 252       | 0     | 0     | 14    | 18    | 13    | 56            | 0.25          | 0.32          | 0.24          | 714          | 850           | 745          |
| 256       | 0     | 0     | 11    | 16    | 12    | 48            | 0.24          | 0.35          | 0.24          | 645          | 850           | 673          |
| 259       | 0     | 0     | 14    | 17    | 13    | 55            | 0.25          | 0.31          | 0.23          | 698          | 860           | 728          |
| 263       | 0     | 0     | 13    | 18    | 13    | 56            | 0.24          | 0.32          | 0.23          | 699          | 860           | 729          |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 266       | 0     | 0     | 13    | 18    | 13    | 56            | 0.24          | 0.32          | 0.23          | 700          | 860           | 730                   |
| 270       | 0     | 0     | 13    | 16    | 13    | 54            | 0.24          | 0.31          | 0.23          | 680          | 860           | 710                   |
| 274       | 0     | 0     | 13    | 17    | 12    | 53            | 0.24          | 0.32          | 0.23          | 671          | 850           | 700                   |
| 277       | 0     | 0     | 11    | 15    | 11    | 49            | 0.24          | 0.31          | 0.23          | 620          | 850           | 647                   |
| 281       | 0     | 0     | 13    | 17    | 12    | 55            | 0.24          | 0.32          | 0.23          | 687          | 850           | 717                   |
| 284       | 0     | 0     | 10    | 15    | 10    | 42            | 0.24          | 0.36          | 0.25          | 591          | 850           | 617                   |
| 288       | 0     | 0     | 12    | 16    | 12    | 48            | 0.25          | 0.33          | 0.24          | 642          | 840           | 670                   |
| 292       | 0     | 0     | 12    | 16    | 11    | 48            | 0.25          | 0.34          | 0.24          | 635          | 850           | 663                   |
| 295       | 0     | 0     | 13    | 17    | 12    | 53            | 0.24          | 0.32          | 0.23          | 667          | 850           | 696                   |
| 299       | 0     | 0     | 13    | 17    | 12    | 54            | 0.23          | 0.32          | 0.22          | 674          | 840           | 703                   |
| 302       | 0     | 0     | 12    | 16    | 12    | 52            | 0.23          | 0.31          | 0.23          | 659          | 840           | 688                   |
| 306       | 0     | 0     | 12    | 17    | 12    | 52            | 0.24          | 0.32          | 0.23          | 670          | 840           | 699                   |
| 310       | 0     | 0     | 13    | 16    | 12    | 53            | 0.24          | 0.31          | 0.23          | 673          | 840           | 702                   |
| 313       | 0     | 0     | 13    | 17    | 12    | 53            | 0.24          | 0.32          | 0.23          | 673          | 840           | 702                   |
| 317       | 0     | 0     | 12    | 17    | 12    | 50            | 0.24          | 0.33          | 0.23          | 647          | 840           | 675                   |
| 320       | 0     | 0     | 12    | 17    | 12    | 51            | 0.24          | 0.32          | 0.23          | 656          | 840           | 685                   |
| 324       | 0     | 0     | 13    | 17    | 12    | 54            | 0.24          | 0.31          | 0.23          | 681          | 840           | 711                   |
| 328       | 0     | 0     | 13    | 17    | 12    | 52            | 0.25          | 0.33          | 0.24          | 679          | 840           | 709                   |
| 331       | 0     | 0     | 13    | 17    | 12    | 52            | 0.24          | 0.32          | 0.24          | 679          | 850           | 709                   |
| 335       | 0     | 0     | 12    | 17    | 12    | 52            | 0.23          | 0.32          | 0.23          | 669          | 850           | 698                   |
| 338       | 0     | 0     | 13    | 17    | 13    | 50            | 0.26          | 0.34          | 0.26          | 685          | 850           | 715                   |
| 342       | 0     | 0     | 14    | 18    | 13    | 51            | 0.26          | 0.34          | 0.25          | 694          | 860           | 724                   |
| 346       | 0     | 0     | 15    | 18    | 13    | 49            | 0.31          | 0.38          | 0.28          | 713          | 860           | 744                   |
| 349       | 0     | 0     | 15    | 18    | 14    | 50            | 0.29          | 0.37          | 0.27          | 722          | 860           | 753                   |
| 353       | 0     | 0     | 13    | 18    | 13    | 53            | 0.25          | 0.33          | 0.24          | 697          | 870           | 727                   |
| 356       | 0     | 0     | 15    | 19    | 13    | 51            | 0.29          | 0.37          | 0.26          | 718          | 870           | 749                   |
| 360       | 0     | 0     | 16    | 19    | 14    | 52            | 0.30          | 0.37          | 0.26          | 727          | 880           | 759                   |
| D613750 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 43        | 0     | 0     | 14    | 19    | 14    | 54            | 0.27          | 0.36          | 0.25          | 731          | 780           | 763                   |
| 47        | 0     | 0     | 15    | 20    | 15    | 50            | 0.30          | 0.40          | 0.29          | 760          | 850           | 793                   |
| 50        | 0     | 0     | 15    | 19    | 15    | 51            | 0.30          | 0.38          | 0.28          | 753          | 870           | 786                   |
| 54        | 0     | 0     | 16    | 20    | 15    | 52            | 0.30          | 0.38          | 0.29          | 772          | 870           | 806                   |
| 58        | 0     | 0     | 17    | 21    | 16    | 52            | 0.32          | 0.39          | 0.30          | 783          | 880           | 817                   |
| 61        | 0     | 0     | 18    | 22    | 16    | 55            | 0.32          | 0.40          | 0.29          | 791          | 890           | 825                   |
| 65        | 0     | 0     | 19    | 22    | 16    | 56            | 0.33          | 0.39          | 0.29          | 809          | 890           | 844                   |
| 68        | 0     | 0     | 19    | 23    | 17    | 59            | 0.33          | 0.40          | 0.29          | 831          | 890           | 867                   |
| 72        | 0     | 0     | 20    | 24    | 18    | 59            | 0.34          | 0.40          | 0.30          | 839          | 890           | 875                   |
| 76        | 0     | 0     | 19    | 21    | 17    | 56            | 0.34          | 0.38          | 0.30          | 819          | 890           | 855                   |
| 79        | 0     | 0     | 18    | 21    | 16    | 53            | 0.33          | 0.39          | 0.30          | 796          | 880           | 831                   |
| 83        | 0     | 0     | 19    | 22    | 17    | 56            | 0.34          | 0.39          | 0.30          | 818          | 880           | 854                   |
| 86        | 0     | 0     | 20    | 22    | 17    | 55            | 0.36          | 0.39          | 0.31          | 822          | 860           | 858                   |
| 90        | 0     | 0     | 19    | 22    | 16    | 55            | 0.34          | 0.40          | 0.30          | 809          | 840           | 844                   |
| 94        | 0     | 0     | 19    | 21    | 16    | 56            | 0.34          | 0.38          | 0.30          | 812          | 820           | 847                   |
| 97        | 0     | 0     | 19    | 22    | 16    | 56            | 0.35          | 0.40          | 0.30          | 812          | 820           | 847                   |
| 101       | 0     | 0     | 18    | 22    | 16    | 56            | 0.33          | 0.40          | 0.30          | 812          | 820           | 847                   |
| 104       | 0     | 0     | 19    | 22    | 16    | 55            | 0.34          | 0.40          | 0.29          | 804          | 790           | 839                   |
| 108       | 0     | 0     | 19    | 22    | 16    | 54            | 0.35          | 0.41          | 0.30          | 804          | 790           | 839                   |
| 112       | 0     | 0     | 19    | 22    | 16    | 55            | 0.34          | 0.39          | 0.29          | 804          | 790           | 839                   |
| 115       | 0     | 0     | 19    | 22    | 17    | 57            | 0.34          | 0.39          | 0.30          | 826          | 790           | 862                   |
| 119       | 0     | 0     | 19    | 22    | 16    | 55            | 0.34          | 0.41          | 0.30          | 809          | 760           | 844                   |
| 122       | 0     | 0     | 18    | 22    | 16    | 55            | 0.33          | 0.39          | 0.30          | 809          | 760           | 844                   |
| 126       | 0     | 0     | 18    | 22    | 16    | 55            | 0.33          | 0.40          | 0.29          | 796          | 760           | 831                   |
| 130       | 0     | 0     | 13    | 16    | 13    | 44            | 0.29          | 0.37          | 0.29          | 681          | 760           | 711                   |
| 133       | 0     | 0     | 17    | 21    | 15    | 52            | 0.32          | 0.40          | 0.29          | 770          | 760           | 803                   |

| ANGLE | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 137   | 0     | 0     | 14    | 18    | 13    | 49            | 0.28          | 0.37          | 0.27          | 706          | 760           | 737                   |
| 140   | 0     | 0     | 13    | 18    | 13    | 52            | 0.26          | 0.35          | 0.24          | 693          | 760           | 723                   |
| 144   | 0     | 0     | 13    | 18    | 12    | 52            | 0.26          | 0.35          | 0.24          | 685          | 760           | 715                   |
| 148   | 0     | 0     | 14    | 18    | 12    | 56            | 0.25          | 0.33          | 0.22          | 694          | 760           | 724                   |
| 151   | 0     | 0     | 14    | 19    | 13    | 58            | 0.24          | 0.33          | 0.22          | 710          | 760           | 741                   |
| 155   | 0     | 0     | 14    | 18    | 13    | 55            | 0.26          | 0.33          | 0.23          | 705          | 760           | 736                   |
| 158   | 0     | 0     | 15    | 19    | 14    | 53            | 0.27          | 0.35          | 0.26          | 726          | 760           | 758                   |
| 162   | 0     | 0     | 15    | 19    | 13    | 58            | 0.25          | 0.33          | 0.23          | 723          | 750           | 754                   |
| 166   | 0     | 0     | 14    | 19    | 13    | 52            | 0.28          | 0.36          | 0.26          | 718          | 760           | 749                   |
| 169   | 0     | 0     | 15    | 19    | 14    | 50            | 0.29          | 0.37          | 0.27          | 725          | 760           | 757                   |
| 173   | 0     | 0     | 15    | 19    | 14    | 50            | 0.31          | 0.38          | 0.28          | 736          | 760           | 768                   |
| 176   | 0     | 0     | 16    | 19    | 14    | 50            | 0.31          | 0.39          | 0.28          | 744          | 760           | 776                   |
| 180   | 0     | 0     | 16    | 19    | 14    | 50            | 0.32          | 0.38          | 0.28          | 744          | 760           | 776                   |
| 184   | 0     | 0     | 16    | 20    | 14    | 51            | 0.31          | 0.39          | 0.28          | 750          | 770           | 783                   |
| 187   | 0     | 0     | 16    | 20    | 15    | 51            | 0.32          | 0.39          | 0.28          | 755          | 770           | 788                   |
| 191   | 0     | 0     | 16    | 20    | 14    | 52            | 0.31          | 0.39          | 0.27          | 748          | 770           | 781                   |
| 194   | 0     | 0     | 16    | 20    | 15    | 57            | 0.28          | 0.35          | 0.26          | 761          | 790           | 794                   |
| 198   | 0     | 0     | 16    | 20    | 15    | 52            | 0.30          | 0.38          | 0.28          | 755          | 830           | 788                   |
| 202   | 0     | 0     | 15    | 20    | 15    | 53            | 0.28          | 0.38          | 0.27          | 757          | 890           | 790                   |
| 205   | 0     | 0     | 15    | 20    | 15    | 53            | 0.29          | 0.37          | 0.28          | 765          | 950           | 798                   |
| 209   | 0     | 0     | 14    | 20    | 15    | 57            | 0.25          | 0.35          | 0.25          | 762          | 1010          | 795                   |
| 212   | 0     | 0     | 15    | 19    | 14    | 57            | 0.26          | 0.34          | 0.25          | 746          | 1000          | 778                   |
| 216   | 0     | 0     | 15    | 20    | 13    | 57            | 0.26          | 0.34          | 0.24          | 733          | 1000          | 765                   |
| 220   | 0     | 0     | 14    | 19    | 13    | 57            | 0.25          | 0.33          | 0.23          | 730          | 1000          | 762                   |
| 223   | 0     | 0     | 14    | 19    | 13    | 57            | 0.25          | 0.33          | 0.24          | 729          | 1000          | 761                   |
| 227   | 0     | 0     | 15    | 19    | 14    | 56            | 0.26          | 0.34          | 0.24          | 735          | 990           | 767                   |
| 230   | 0     | 0     | 15    | 19    | 14    | 57            | 0.26          | 0.34          | 0.24          | 735          | 900           | 767                   |
| 234   | 0     | 0     | 14    | 19    | 13    | 58            | 0.25          | 0.33          | 0.23          | 725          | 900           | 757                   |
| 238   | 0     | 0     | 14    | 19    | 13    | 56            | 0.26          | 0.34          | 0.24          | 725          | 990           | 757                   |
| 241   | 0     | 0     | 14    | 19    | 14    | 53            | 0.27          | 0.36          | 0.26          | 726          | 990           | 758                   |
| 245   | 0     | 0     | 15    | 20    | 15    | 53            | 0.29          | 0.37          | 0.27          | 760          | 990           | 793                   |
| 248   | 0     | 0     | 15    | 21    | 15    | 52            | 0.29          | 0.39          | 0.29          | 781          | 1000          | 815                   |
| 252   | 0     | 0     | 16    | 20    | 15    | 52            | 0.31          | 0.38          | 0.28          | 760          | 1000          | 793                   |
| 256   | 0     | 0     | 15    | 20    | 15    | 52            | 0.29          | 0.38          | 0.28          | 760          | 1000          | 793                   |
| 259   | 0     | 0     | 14    | 20    | 14    | 54            | 0.26          | 0.36          | 0.26          | 744          | 1000          | 776                   |
| 263   | 0     | 0     | 16    | 21    | 15    | 56            | 0.29          | 0.37          | 0.28          | 786          | 1000          | 820                   |
| 266   | 0     | 0     | 15    | 20    | 15    | 52            | 0.28          | 0.38          | 0.28          | 761          | 1000          | 794                   |
| 270   | 0     | 0     | 15    | 19    | 14    | 50            | 0.30          | 0.39          | 0.29          | 748          | 1000          | 781                   |
| 274   | 0     | 0     | 17    | 21    | 15    | 52            | 0.33          | 0.41          | 0.30          | 777          | 1000          | 811                   |
| 277   | 0     | 0     | 17    | 21    | 15    | 51            | 0.33          | 0.41          | 0.29          | 762          | 990           | 795                   |
| 281   | 0     | 0     | 16    | 20    | 14    | 51            | 0.31          | 0.40          | 0.28          | 752          | 990           | 785                   |
| 284   | 0     | 0     | 15    | 20    | 14    | 49            | 0.30          | 0.40          | 0.29          | 747          | 980           | 779                   |
| 288   | 0     | 0     | 14    | 19    | 14    | 49            | 0.29          | 0.39          | 0.28          | 730          | 980           | 762                   |
| 292   | 0     | 0     | 15    | 19    | 14    | 50            | 0.29          | 0.39          | 0.27          | 730          | 960           | 762                   |
| 295   | 0     | 0     | 14    | 18    | 13    | 51            | 0.28          | 0.36          | 0.26          | 708          | 960           | 739                   |
| 299   | 0     | 0     | 14    | 19    | 13    | 52            | 0.26          | 0.36          | 0.24          | 702          | 930           | 733                   |
| 302   | 0     | 0     | 14    | 18    | 13    | 54            | 0.26          | 0.33          | 0.23          | 696          | 930           | 726                   |
| 306   | 0     | 0     | 14    | 18    | 12    | 52            | 0.27          | 0.35          | 0.24          | 691          | 920           | 721                   |
| 310   | 0     | 0     | 14    | 19    | 13    | 50            | 0.28          | 0.37          | 0.26          | 701          | 900           | 731                   |
| 313   | 0     | 0     | 14    | 18    | 13    | 53            | 0.26          | 0.34          | 0.24          | 701          | 900           | 731                   |
| 317   | 0     | 0     | 14    | 19    | 13    | 51            | 0.28          | 0.37          | 0.26          | 718          | 890           | 749                   |
| 320   | 0     | 0     | 14    | 19    | 13    | 50            | 0.29          | 0.38          | 0.26          | 711          | 890           | 742                   |
| 324   | 0     | 0     | 14    | 19    | 13    | 52            | 0.27          | 0.36          | 0.25          | 718          | 890           | 749                   |
| 328   | 0     | 0     | 14    | 19    | 13    | 51            | 0.28          | 0.38          | 0.26          | 715          | 890           | 746                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>FEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 331       | 0     | 0     | 14    | 20    | 13    | 50            | 0.29          | 0.39          | 0.27          | 719          | 890           | 750                   |
| 335       | 0     | 0     | 14    | 19    | 14    | 50            | 0.28          | 0.38          | 0.27          | 729          | 890           | 761                   |
| 338       | 0     | 0     | 14    | 20    | 14    | 50            | 0.29          | 0.40          | 0.28          | 742          | 880           | 774                   |
| 342       | 0     | 0     | 15    | 20    | 14    | 51            | 0.29          | 0.40          | 0.28          | 745          | 880           | 777                   |
| 346       | 0     | 0     | 15    | 20    | 14    | 51            | 0.29          | 0.39          | 0.27          | 738          | 880           | 770                   |
| 349       | 0     | 0     | 15    | 20    | 14    | 49            | 0.29          | 0.40          | 0.28          | 731          | 880           | 763                   |
| 353       | 0     | 0     | 15    | 20    | 14    | 49            | 0.29          | 0.39          | 0.27          | 726          | 860           | 758                   |
| 356       | 0     | 0     | 15    | 19    | 14    | 49            | 0.30          | 0.39          | 0.28          | 734          | 860           | 766                   |
| 360       | 0     | 0     | 15    | 20    | 14    | 50            | 0.29          | 0.40          | 0.28          | 741          | 850           | 773                   |
| E614571 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 47        | 0     | 0     | 20    | 33    | 25    | 71            | 0.28          | 0.47          | 0.35          | 878          | 930           | 916                   |
| 50        | 0     | 0     | 20    | 33    | 25    | 71            | 0.28          | 0.46          | 0.35          | 886          | 930           | 925                   |
| 54        | 1     | 0     | 20    | 32    | 25    | 72            | 0.28          | 0.45          | 0.35          | 902          | 960           | 941                   |
| 58        | 1     | 0     | 20    | 33    | 25    | 73            | 0.27          | 0.45          | 0.34          | 891          | 960           | 930                   |
| 61        | 0     | 0     | 19    | 30    | 24    | 67            | 0.28          | 0.45          | 0.36          | 913          | 950           | 953                   |
| 65        | 0     | 0     | 20    | 31    | 25    | 70            | 0.28          | 0.45          | 0.35          | 908          | 920           | 947                   |
| 68        | 3     | 0     | 20    | 32    | 25    | 76            | 0.26          | 0.42          | 0.33          | 914          | 930           | 954                   |
| 72        | 14    | 0     | 20    | 34    | 25    | 74            | 0.27          | 0.46          | 0.35          | 884          | 930           | 922                   |
| 76        | 1     | 0     | 20    | 33    | 25    | 73            | 0.28          | 0.46          | 0.35          | 888          | 930           | 927                   |
| 79        | 0     | 0     | 21    | 34    | 26    | 72            | 0.29          | 0.47          | 0.36          | 878          | 930           | 916                   |
| 83        | 0     | 0     | 21    | 34    | 26    | 71            | 0.29          | 0.48          | 0.36          | 878          | 940           | 916                   |
| 86        | 0     | 0     | 20    | 33    | 26    | 70            | 0.29          | 0.48          | 0.36          | 881          | 930           | 919                   |
| 90        | 0     | 0     | 19    | 33    | 25    | 69            | 0.28          | 0.48          | 0.36          | 883          | 920           | 921                   |
| 94        | 0     | 0     | 19    | 31    | 25    | 67            | 0.29          | 0.47          | 0.37          | 901          | 880           | 940                   |
| 97        | 0     | 0     | 19    | 32    | 25    | 67            | 0.28          | 0.47          | 0.37          | 898          | 860           | 937                   |
| 101       | 0     | 0     | 19    | 30    | 24    | 67            | 0.28          | 0.44          | 0.36          | 921          | 830           | 961                   |
| 104       | 0     | 0     | 19    | 32    | 24    | 67            | 0.28          | 0.47          | 0.36          | 889          | 820           | 928                   |
| 108       | 0     | 0     | 19    | 30    | 24    | 67            | 0.28          | 0.45          | 0.36          | 915          | 820           | 955                   |
| 112       | 0     | 0     | 19    | 29    | 23    | 65            | 0.30          | 0.45          | 0.36          | 910          | 820           | 950                   |
| 115       | 0     | 0     | 18    | 29    | 23    | 65            | 0.29          | 0.45          | 0.36          | 911          | 820           | 951                   |
| 119       | 0     | 0     | 18    | 28    | 23    | 66            | 0.28          | 0.43          | 0.35          | 924          | 830           | 964                   |
| 122       | 0     | 0     | 18    | 30    | 24    | 68            | 0.27          | 0.44          | 0.35          | 920          | 830           | 960                   |
| 126       | 0     | 0     | 19    | 31    | 24    | 68            | 0.28          | 0.45          | 0.35          | 908          | 830           | 947                   |
| 130       | 0     | 0     | 19    | 31    | 25    | 69            | 0.27          | 0.45          | 0.36          | 913          | 840           | 953                   |
| 133       | 0     | 0     | 19    | 32    | 25    | 71            | 0.27          | 0.44          | 0.35          | 913          | 840           | 953                   |
| 137       | 0     | 0     | 19    | 30    | 25    | 69            | 0.28          | 0.43          | 0.36          | 938          | 770           | 979                   |
| 140       | 0     | 0     | 19    | 31    | 24    | 73            | 0.26          | 0.42          | 0.33          | 931          | 770           | 971                   |
| 144       | 4     | 0     | 19    | 30    | 23    | 72            | 0.27          | 0.42          | 0.33          | 922          | 780           | 962                   |
| 148       | 1     | 0     | 19    | 28    | 23    | 67            | 0.28          | 0.41          | 0.34          | 925          | 790           | 965                   |
| 151       | 24    | 0     | 19    | 31    | 24    | 76            | 0.26          | 0.41          | 0.32          | 924          | 790           | 964                   |
| 155       | 7     | 0     | 20    | 29    | 23    | 68            | 0.29          | 0.43          | 0.33          | 914          | 790           | 954                   |
| 158       | 16    | 0     | 20    | 29    | 23    | 72            | 0.27          | 0.41          | 0.32          | 930          | 790           | 970                   |
| 162       | 39    | 0     | 19    | 29    | 23    | 69            | 0.28          | 0.42          | 0.34          | 926          | 790           | 966                   |
| 166       | 5     | 0     | 19    | 28    | 23    | 71            | 0.27          | 0.40          | 0.33          | 939          | 800           | 980                   |
| 169       | 29    | 0     | 19    | 28    | 23    | 70            | 0.27          | 0.40          | 0.33          | 938          | 800           | 979                   |
| 173       | 0     | 0     | 20    | 29    | 23    | 71            | 0.28          | 0.40          | 0.33          | 929          | 790           | 969                   |
| 176       | 34    | 0     | 19    | 28    | 23    | 73            | 0.26          | 0.38          | 0.32          | 943          | 780           | 984                   |
| 180       | 10    | 0     | 19    | 28    | 22    | 68            | 0.28          | 0.41          | 0.33          | 923          | 840           | 963                   |
| E614767 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 101       | 0     | 0     | 19    | 33    | 24    | 69            | 0.27          | 0.47          | 0.35          | 872          | 660           | 910                   |
| 104       | 0     | 0     | 20    | 31    | 24    | 69            | 0.28          | 0.46          | 0.35          | 901          | 680           | 940                   |
| 108       | 0     | 0     | 19    | 33    | 25    | 68            | 0.28          | 0.48          | 0.36          | 881          | 680           | 919                   |
| 112       | 0     | 0     | 19    | 32    | 24    | 69            | 0.28          | 0.47          | 0.36          | 886          | 670           | 925                   |
| 115       | 0     | 0     | 19    | 32    | 24    | 70            | 0.27          | 0.46          | 0.35          | 891          | 650           | 930                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 119       | 0     | 0     | 19    | 32    | 24    | 69            | 0.28          | 0.46          | 0.36          | 894          | 620           | 933                   |
| 122       | 0     | 0     | 19    | 30    | 24    | 67            | 0.29          | 0.45          | 0.36          | 910          | 610           | 950                   |
| 126       | 0     | 0     | 19    | 31    | 24    | 68            | 0.27          | 0.46          | 0.35          | 902          | 590           | 941                   |
| 130       | 0     | 0     | 19    | 31    | 24    | 65            | 0.28          | 0.47          | 0.36          | 896          | 590           | 935                   |
| 133       | 0     | 0     | 19    | 29    | 23    | 65            | 0.29          | 0.45          | 0.35          | 912          | 580           | 952                   |
| 137       | 0     | 0     | 18    | 29    | 22    | 64            | 0.29          | 0.45          | 0.35          | 892          | 580           | 931                   |
| 140       | 0     | 0     | 19    | 28    | 21    | 63            | 0.30          | 0.44          | 0.34          | 893          | 580           | 932                   |
| 144       | 0     | 0     | 18    | 28    | 22    | 63            | 0.29          | 0.44          | 0.34          | 898          | 580           | 937                   |
| 148       | 0     | 0     | 19    | 27    | 22    | 62            | 0.30          | 0.44          | 0.35          | 903          | 590           | 942                   |
| 151       | 0     | 0     | 19    | 28    | 22    | 62            | 0.31          | 0.45          | 0.35          | 898          | 600           | 937                   |
| 155       | 0     | 0     | 19    | 28    | 22    | 62            | 0.31          | 0.46          | 0.36          | 897          | 600           | 936                   |
| 158       | 0     | 0     | 19    | 28    | 22    | 62            | 0.31          | 0.45          | 0.35          | 895          | 600           | 934                   |
| 162       | 0     | 0     | 19    | 28    | 21    | 61            | 0.31          | 0.47          | 0.35          | 882          | 600           | 920                   |
| 166       | 0     | 0     | 19    | 28    | 21    | 62            | 0.31          | 0.45          | 0.34          | 884          | 600           | 922                   |
| 169       | 0     | 0     | 19    | 28    | 22    | 61            | 0.31          | 0.46          | 0.35          | 892          | 590           | 931                   |
| 173       | 0     | 0     | 19    | 28    | 22    | 62            | 0.31          | 0.45          | 0.35          | 894          | 590           | 933                   |
| 176       | 0     | 0     | 19    | 28    | 22    | 62            | 0.31          | 0.45          | 0.35          | 892          | 590           | 931                   |
| 180       | 0     | 0     | 17    | 22    | 17    | 50            | 0.34          | 0.44          | 0.35          | 831          | 590           | 867                   |
| 184       | 0     | 0     | 19    | 28    | 21    | 61            | 0.31          | 0.46          | 0.35          | 892          | 580           | 931                   |
| 187       | 0     | 0     | 19    | 28    | 22    | 61            | 0.31          | 0.46          | 0.36          | 894          | 580           | 933                   |
| 191       | 0     | 0     | 19    | 28    | 21    | 60            | 0.31          | 0.46          | 0.35          | 878          | 570           | 916                   |
| 194       | 0     | 0     | 19    | 27    | 21    | 59            | 0.32          | 0.47          | 0.36          | 885          | 570           | 923                   |
| 198       | 0     | 0     | 16    | 23    | 18    | 55            | 0.30          | 0.41          | 0.32          | 842          | 560           | 879                   |
| 202       | 0     | 0     | 18    | 26    | 21    | 58            | 0.31          | 0.45          | 0.35          | 886          | 560           | 925                   |
| 205       | 0     | 0     | 19    | 27    | 21    | 59            | 0.31          | 0.45          | 0.35          | 884          | 560           | 922                   |
| 209       | 0     | 0     | 19    | 27    | 21    | 60            | 0.32          | 0.45          | 0.35          | 886          | 550           | 925                   |
| 212       | 0     | 0     | 19    | 27    | 21    | 60            | 0.32          | 0.45          | 0.35          | 895          | 560           | 934                   |
| 216       | 0     | 0     | 16    | 20    | 16    | 49            | 0.34          | 0.41          | 0.33          | 799          | 560           | 834                   |
| 220       | 0     | 0     | 19    | 24    | 19    | 54            | 0.34          | 0.45          | 0.35          | 861          | 560           | 898                   |
| 223       | 0     | 0     | 18    | 26    | 20    | 60            | 0.30          | 0.43          | 0.34          | 889          | 560           | 928                   |
| 227       | 0     | 0     | 20    | 27    | 21    | 60            | 0.33          | 0.45          | 0.35          | 889          | 560           | 928                   |
| 230       | 0     | 0     | 19    | 27    | 21    | 62            | 0.31          | 0.43          | 0.34          | 898          | 560           | 937                   |
| 234       | 0     | 0     | 19    | 26    | 21    | 61            | 0.31          | 0.42          | 0.34          | 894          | 570           | 933                   |
| 238       | 0     | 0     | 18    | 27    | 21    | 61            | 0.30          | 0.44          | 0.35          | 896          | 590           | 935                   |
| 241       | 0     | 0     | 19    | 26    | 20    | 59            | 0.33          | 0.44          | 0.34          | 885          | 570           | 923                   |
| 245       | 0     | 0     | 18    | 24    | 19    | 54            | 0.34          | 0.44          | 0.34          | 856          | 570           | 893                   |
| 248       | 0     | 0     | 18    | 27    | 21    | 59            | 0.31          | 0.46          | 0.35          | 882          | 570           | 920                   |
| 252       | 0     | 0     | 16    | 20    | 16    | 51            | 0.31          | 0.39          | 0.32          | 804          | 580           | 839                   |
| 256       | 0     | 0     | 17    | 22    | 18    | 55            | 0.30          | 0.40          | 0.33          | 844          | 560           | 881                   |
| 259       | 0     | 0     | 18    | 23    | 17    | 48            | 0.37          | 0.47          | 0.35          | 824          | 560           | 860                   |
| 263       | 0     | 0     | 19    | 24    | 19    | 55            | 0.34          | 0.45          | 0.35          | 865          | 600           | 903                   |
| 266       | 0     | 0     | 19    | 24    | 19    | 55            | 0.34          | 0.44          | 0.34          | 858          | 610           | 895                   |
| 270       | 0     | 0     | 19    | 25    | 20    | 58            | 0.32          | 0.43          | 0.35          | 885          | 620           | 923                   |
| 274       | 0     | 0     | 19    | 26    | 21    | 59            | 0.32          | 0.44          | 0.35          | 891          | 620           | 930                   |
| 277       | 0     | 0     | 19    | 26    | 21    | 59            | 0.32          | 0.44          | 0.36          | 901          | 630           | 940                   |
| 281       | 0     | 0     | 19    | 25    | 19    | 57            | 0.33          | 0.43          | 0.34          | 871          | 650           | 909                   |
| 284       | 0     | 0     | 18    | 26    | 20    | 56            | 0.33          | 0.46          | 0.35          | 872          | 670           | 910                   |
| 288       | 0     | 0     | 19    | 25    | 19    | 53            | 0.36          | 0.47          | 0.35          | 853          | 690           | 890                   |
| E614785 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 137       | 0     | 0     | 11    | 13    | 11    | 39            | 0.29          | 0.34          | 0.28          | 576          | 690           | 601                   |
| 140       | 0     | 0     | 16    | 21    | 18    | 51            | 0.30          | 0.40          | 0.35          | 844          | 680           | 881                   |
| 144       | 0     | 0     | 16    | 22    | 18    | 54            | 0.31          | 0.41          | 0.33          | 840          | 670           | 877                   |
| 148       | 0     | 0     | 14    | 17    | 14    | 46            | 0.31          | 0.38          | 0.30          | 718          | 670           | 749                   |
| 151       | 0     | 0     | 15    | 19    | 16    | 48            | 0.32          | 0.41          | 0.33          | 781          | 680           | 815                   |

|           |       |       |       |       |       | BROAD | 270/  | 370/  | 500/  | EST. | MEAS. | NORM.     |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----------|
| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BAND  | BBAND | BBAND | BBAND | PEEL | PEEL  | EST. PEEL |
| 155       | 0     | 0     | 17    | 24    | 20    | 57    | 0.30  | 0.42  | 0.34  | 882  | 680   | 920       |
| 158       | 0     | 0     | 17    | 25    | 20    | 59    | 0.30  | 0.42  | 0.34  | 890  | 680   | 929       |
| 162       | 0     | 0     | 18    | 25    | 20    | 59    | 0.30  | 0.42  | 0.34  | 888  | 680   | 927       |
| 166       | 0     | 0     | 18    | 25    | 20    | 60    | 0.30  | 0.42  | 0.33  | 884  | 680   | 922       |
| 169       | 0     | 0     | 17    | 23    | 18    | 55    | 0.32  | 0.43  | 0.34  | 852  | 680   | 889       |
| 173       | 0     | 0     | 16    | 22    | 18    | 53    | 0.31  | 0.41  | 0.34  | 845  | 680   | 882       |
| 176       | 0     | 0     | 16    | 19    | 16    | 48    | 0.32  | 0.40  | 0.33  | 795  | 680   | 830       |
| 180       | 0     | 0     | 15    | 18    | 14    | 49    | 0.31  | 0.36  | 0.29  | 731  | 680   | 763       |
| 227       | 0     | 0     | 18    | 25    | 21    | 62    | 0.29  | 0.41  | 0.34  | 903  | 660   | 942       |
| 230       | 0     | 0     | 18    | 25    | 21    | 64    | 0.28  | 0.40  | 0.33  | 914  | 660   | 954       |
| 234       | 0     | 0     | 18    | 26    | 21    | 61    | 0.30  | 0.42  | 0.34  | 898  | 670   | 937       |
| 238       | 0     | 0     | 18    | 26    | 21    | 63    | 0.29  | 0.41  | 0.34  | 909  | 670   | 949       |
| 241       | 0     | 0     | 19    | 25    | 21    | 62    | 0.30  | 0.40  | 0.33  | 906  | 670   | 945       |
| 245       | 0     | 0     | 18    | 25    | 20    | 60    | 0.30  | 0.41  | 0.34  | 892  | 670   | 931       |
| 248       | 0     | 0     | 16    | 23    | 19    | 56    | 0.30  | 0.41  | 0.33  | 862  | 670   | 899       |
| 252       | 0     | 0     | 17    | 20    | 17    | 51    | 0.32  | 0.40  | 0.32  | 810  | 670   | 845       |
| 256       | 0     | 0     | 18    | 23    | 19    | 56    | 0.32  | 0.42  | 0.34  | 862  | 670   | 899       |
| 259       | 0     | 0     | 18    | 26    | 20    | 61    | 0.30  | 0.42  | 0.33  | 893  | 670   | 932       |
| 263       | 0     | 0     | 18    | 26    | 20    | 62    | 0.29  | 0.43  | 0.33  | 885  | 670   | 923       |
| 266       | 0     | 0     | 18    | 25    | 20    | 60    | 0.31  | 0.42  | 0.33  | 886  | 630   | 925       |
| 270       | 0     | 0     | 18    | 24    | 20    | 60    | 0.30  | 0.41  | 0.33  | 887  | 680   | 926       |
| 274       | 0     | 0     | 18    | 25    | 20    | 60    | 0.30  | 0.41  | 0.33  | 885  | 620   | 923       |
| 277       | 0     | 0     | 18    | 23    | 19    | 56    | 0.32  | 0.42  | 0.33  | 862  | 640   | 899       |
| 281       | 0     | 0     | 17    | 22    | 17    | 50    | 0.33  | 0.44  | 0.33  | 818  | 700   | 854       |
| 284       | 0     | 0     | 15    | 19    | 15    | 44    | 0.33  | 0.42  | 0.33  | 756  | 700   | 789       |
| 288       | 0     | 0     | 15    | 19    | 15    | 48    | 0.32  | 0.39  | 0.32  | 774  | 740   | 808       |
| E614794 I |       |       |       |       |       |       |       |       |       |      |       |           |
| 58        | 0     | 0     | 19    | 31    | 23    | 64    | 0.30  | 0.48  | 0.35  | 872  | 730   | 910       |
| 61        | 0     | 0     | 19    | 30    | 22    | 65    | 0.29  | 0.46  | 0.34  | 884  | 720   | 922       |
| 65        | 0     | 0     | 20    | 29    | 22    | 63    | 0.31  | 0.46  | 0.35  | 890  | 720   | 929       |
| 68        | 0     | 0     | 19    | 30    | 22    | 64    | 0.29  | 0.47  | 0.34  | 880  | 740   | 918       |
| 72        | 0     | 0     | 19    | 29    | 22    | 64    | 0.30  | 0.45  | 0.35  | 897  | 780   | 936       |
| 76        | 0     | 0     | 19    | 30    | 22    | 64    | 0.30  | 0.48  | 0.35  | 874  | 860   | 912       |
| 79        | 0     | 0     | 19    | 31    | 22    | 64    | 0.29  | 0.48  | 0.35  | 861  | 960   | 898       |
| 83        | 0     | 0     | 19    | 31    | 23    | 63    | 0.31  | 0.49  | 0.36  | 869  | 1000  | 907       |
| 86        | 0     | 0     | 19    | 31    | 23    | 64    | 0.30  | 0.49  | 0.36  | 869  | 940   | 907       |
| 90        | 0     | 0     | 19    | 30    | 23    | 63    | 0.30  | 0.48  | 0.36  | 885  | 920   | 923       |
| 94        | 0     | 0     | 19    | 30    | 22    | 65    | 0.29  | 0.46  | 0.34  | 885  | 920   | 923       |
| 97        | 0     | 0     | 19    | 30    | 23    | 63    | 0.30  | 0.47  | 0.36  | 883  | 930   | 921       |
| 101       | 0     | 0     | 19    | 30    | 23    | 63    | 0.30  | 0.47  | 0.36  | 893  | 940   | 932       |
| 104       | 0     | 0     | 19    | 30    | 22    | 64    | 0.30  | 0.46  | 0.35  | 889  | 910   | 928       |
| 108       | 0     | 0     | 19    | 30    | 23    | 64    | 0.29  | 0.46  | 0.35  | 892  | 910   | 931       |
| 112       | 0     | 0     | 19    | 30    | 23    | 65    | 0.30  | 0.46  | 0.35  | 894  | 900   | 933       |
| 115       | 0     | 0     | 19    | 31    | 23    | 64    | 0.30  | 0.48  | 0.36  | 887  | 900   | 926       |
| 119       | 0     | 0     | 19    | 30    | 23    | 64    | 0.30  | 0.47  | 0.36  | 898  | 860   | 937       |
| 122       | 0     | 0     | 19    | 30    | 23    | 65    | 0.30  | 0.46  | 0.36  | 907  | 890   | 946       |
| 126       | 0     | 0     | 19    | 31    | 24    | 66    | 0.29  | 0.47  | 0.36  | 893  | 930   | 932       |
| 130       | 0     | 0     | 19    | 31    | 24    | 65    | 0.30  | 0.48  | 0.36  | 890  | 940   | 929       |
| 133       | 0     | 0     | 19    | 32    | 24    | 66    | 0.29  | 0.49  | 0.36  | 865  | 940   | 903       |
| 137       | 0     | 0     | 20    | 32    | 24    | 67    | 0.29  | 0.48  | 0.36  | 878  | 940   | 916       |
| 140       | 0     | 0     | 19    | 32    | 25    | 68    | 0.29  | 0.48  | 0.36  | 884  | 940   | 922       |
| 144       | 0     | 0     | 20    | 33    | 24    | 68    | 0.29  | 0.48  | 0.36  | 873  | 950   | 911       |
| 148       | 0     | 0     | 19    | 31    | 24    | 67    | 0.29  | 0.46  | 0.35  | 897  | 970   | 936       |
| 151       | 0     | 0     | 20    | 33    | 25    | 70    | 0.29  | 0.47  | 0.35  | 879  | 970   | 917       |

NORM.

EST.

MEAS.

EST.

500/

370/

270/

BROAD

500 K

370 K

270 K

INCLU

PHASE

ANGLE

PEEL

PEEL

PEEL

BBAND

BBAND

BBAND

BAND

|     |   |   |    |    |    |    |      |      |      |     |      |     |
|-----|---|---|----|----|----|----|------|------|------|-----|------|-----|
| 155 | 0 | 0 | 20 | 33 | 25 | 70 | 0.28 | 0.47 | 0.35 | 882 | 980  | 920 |
| 158 | 0 | 0 | 20 | 33 | 25 | 69 | 0.29 | 0.48 | 0.36 | 870 | 1000 | 908 |
| 162 | 0 | 0 | 20 | 32 | 25 | 69 | 0.29 | 0.46 | 0.35 | 890 | 1020 | 929 |
| 166 | 0 | 0 | 20 | 33 | 24 | 68 | 0.29 | 0.49 | 0.36 | 867 | 1020 | 905 |
| 169 | 0 | 0 | 20 | 31 | 24 | 68 | 0.29 | 0.45 | 0.35 | 902 | 1030 | 941 |
| 173 | 0 | 0 | 19 | 31 | 24 | 67 | 0.29 | 0.46 | 0.35 | 898 | 960  | 937 |
| 176 | 0 | 0 | 19 | 29 | 22 | 64 | 0.30 | 0.45 | 0.35 | 895 | 840  | 934 |
| 180 | 0 | 0 | 19 | 28 | 22 | 62 | 0.30 | 0.45 | 0.36 | 907 | 780  | 946 |
| 252 | 0 | 0 | 19 | 26 | 21 | 59 | 0.31 | 0.43 | 0.35 | 892 | 900  | 931 |
| 256 | 0 | 0 | 18 | 24 | 19 | 55 | 0.32 | 0.43 | 0.34 | 862 | 920  | 899 |
| 259 | 0 | 0 | 17 | 24 | 19 | 54 | 0.32 | 0.45 | 0.36 | 871 | 940  | 909 |
| 263 | 0 | 0 | 18 | 28 | 22 | 63 | 0.29 | 0.45 | 0.35 | 900 | 950  | 939 |
| 266 | 0 | 0 | 18 | 27 | 22 | 62 | 0.29 | 0.43 | 0.34 | 907 | 940  | 946 |
| 270 | 0 | 0 | 19 | 26 | 21 | 61 | 0.31 | 0.42 | 0.34 | 902 | 920  | 941 |
| 274 | 0 | 0 | 19 | 27 | 21 | 60 | 0.32 | 0.45 | 0.35 | 888 | 880  | 927 |
| 277 | 0 | 0 | 19 | 26 | 21 | 60 | 0.32 | 0.44 | 0.35 | 892 | 900  | 931 |
| 281 | 0 | 0 | 19 | 27 | 22 | 63 | 0.30 | 0.43 | 0.35 | 906 | 890  | 945 |
| 284 | 0 | 0 | 18 | 27 | 22 | 63 | 0.29 | 0.43 | 0.34 | 907 | 880  | 946 |
| 288 | 0 | 0 | 19 | 26 | 21 | 63 | 0.29 | 0.42 | 0.34 | 908 | 830  | 947 |
| 292 | 0 | 0 | 18 | 26 | 21 | 60 | 0.31 | 0.43 | 0.35 | 894 | 800  | 933 |
| 295 | 0 | 0 | 15 | 20 | 17 | 53 | 0.29 | 0.38 | 0.32 | 811 | 790  | 846 |
| 299 | 0 | 0 | 17 | 21 | 17 | 52 | 0.32 | 0.41 | 0.34 | 831 | 790  | 867 |
| 302 | 0 | 0 | 18 | 27 | 22 | 62 | 0.30 | 0.43 | 0.35 | 907 | 780  | 946 |
| 306 | 0 | 0 | 19 | 28 | 22 | 63 | 0.30 | 0.44 | 0.34 | 899 | 780  | 938 |
| 310 | 0 | 0 | 19 | 25 | 21 | 61 | 0.31 | 0.41 | 0.35 | 906 | 780  | 945 |
| 313 | 0 | 0 | 18 | 27 | 22 | 63 | 0.29 | 0.43 | 0.35 | 911 | 770  | 951 |
| 317 | 0 | 0 | 19 | 27 | 22 | 63 | 0.30 | 0.43 | 0.35 | 914 | 760  | 954 |
| 320 | 0 | 0 | 19 | 26 | 21 | 61 | 0.31 | 0.43 | 0.34 | 891 | 730  | 930 |
| 324 | 0 | 0 | 18 | 27 | 21 | 62 | 0.30 | 0.44 | 0.34 | 896 | 740  | 935 |
| 328 | 0 | 0 | 18 | 27 | 22 | 62 | 0.30 | 0.43 | 0.35 | 905 | 740  | 944 |
| 331 | 0 | 0 | 17 | 24 | 20 | 58 | 0.30 | 0.42 | 0.35 | 887 | 740  | 926 |
| 335 | 0 | 0 | 19 | 27 | 22 | 62 | 0.30 | 0.44 | 0.35 | 906 | 740  | 945 |
| 338 | 0 | 0 | 19 | 28 | 22 | 63 | 0.30 | 0.45 | 0.35 | 895 | 740  | 934 |
| 342 | 0 | 0 | 19 | 28 | 22 | 62 | 0.30 | 0.46 | 0.35 | 893 | 740  | 932 |
| 346 | 0 | 0 | 18 | 28 | 21 | 62 | 0.30 | 0.46 | 0.34 | 885 | 740  | 923 |
| 349 | 0 | 0 | 19 | 28 | 22 | 62 | 0.31 | 0.45 | 0.35 | 900 | 740  | 939 |

E614981 :

|     |   |   |    |    |    |    |      |      |      |     |     |     |
|-----|---|---|----|----|----|----|------|------|------|-----|-----|-----|
| 65  | 0 | 0 | 20 | 27 | 20 | 58 | 0.35 | 0.46 | 0.35 | 875 | 540 | 913 |
| 68  | 0 | 0 | 20 | 25 | 20 | 57 | 0.34 | 0.44 | 0.34 | 872 | 530 | 910 |
| 72  | 0 | 0 | 21 | 26 | 20 | 59 | 0.35 | 0.44 | 0.34 | 883 | 510 | 921 |
| 76  | 0 | 0 | 20 | 27 | 21 | 63 | 0.32 | 0.43 | 0.34 | 895 | 480 | 934 |
| 79  | 0 | 0 | 20 | 27 | 21 | 62 | 0.33 | 0.44 | 0.34 | 892 | 470 | 931 |
| 83  | 0 | 0 | 20 | 28 | 22 | 64 | 0.32 | 0.45 | 0.34 | 895 | 470 | 934 |
| 86  | 0 | 0 | 20 | 28 | 21 | 61 | 0.33 | 0.45 | 0.35 | 890 | 510 | 929 |
| 90  | 0 | 0 | 20 | 29 | 22 | 63 | 0.32 | 0.46 | 0.35 | 886 | 480 | 925 |
| 94  | 0 | 0 | 21 | 29 | 22 | 64 | 0.32 | 0.45 | 0.34 | 887 | 480 | 926 |
| 97  | 0 | 0 | 20 | 28 | 22 | 63 | 0.32 | 0.45 | 0.34 | 893 | 500 | 932 |
| 101 | 0 | 0 | 21 | 28 | 22 | 64 | 0.32 | 0.43 | 0.34 | 903 | 550 | 942 |
| 104 | 0 | 0 | 20 | 28 | 22 | 64 | 0.32 | 0.44 | 0.35 | 902 | 540 | 941 |
| 108 | 0 | 0 | 21 | 27 | 21 | 61 | 0.34 | 0.44 | 0.35 | 898 | 530 | 937 |
| 180 | 0 | 0 | 20 | 29 | 23 | 66 | 0.31 | 0.44 | 0.35 | 920 | 430 | 960 |
| 184 | 0 | 0 | 20 | 30 | 24 | 66 | 0.31 | 0.44 | 0.36 | 924 | 430 | 964 |
| 187 | 0 | 0 | 20 | 28 | 23 | 64 | 0.31 | 0.43 | 0.35 | 920 | 430 | 960 |
| 191 | 0 | 0 | 20 | 28 | 22 | 64 | 0.31 | 0.44 | 0.35 | 911 | 450 | 951 |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD 270/ 370/ 500/ |       |       |       | EST. | MEAS. | NORM.     |
|-----------|-------|-------|-------|-------|-------|----------------------|-------|-------|-------|------|-------|-----------|
|           |       |       |       |       |       | BAND                 | BBAND | BBAND | BBAND | PEEL | PEEL  | EST. PEEL |
| 194       | 0     | 0     | 20    | 27    | 22    | 63                   | 0.32  | 0.44  | 0.34  | 900  | 480   | 939       |
| 198       | 0     | 0     | 20    | 27    | 21    | 60                   | 0.33  | 0.45  | 0.35  | 890  | 490   | 929       |
| 252       | 0     | 0     | 20    | 28    | 21    | 62                   | 0.32  | 0.44  | 0.33  | 881  | 440   | 919       |
| 256       | 0     | 0     | 20    | 27    | 20    | 62                   | 0.33  | 0.44  | 0.33  | 883  | 440   | 921       |
| 259       | 0     | 0     | 20    | 28    | 20    | 62                   | 0.33  | 0.44  | 0.33  | 875  | 440   | 913       |
| 263       | 0     | 0     | 20    | 26    | 20    | 62                   | 0.32  | 0.42  | 0.33  | 886  | 440   | 925       |
| 266       | 0     | 0     | 19    | 27    | 20    | 61                   | 0.32  | 0.44  | 0.32  | 864  | 440   | 902       |
| 270       | 0     | 0     | 19    | 27    | 19    | 59                   | 0.33  | 0.46  | 0.33  | 852  | 440   | 889       |
| 274       | 0     | 0     | 19    | 26    | 19    | 58                   | 0.33  | 0.46  | 0.33  | 858  | 440   | 895       |
| 277       | 0     | 0     | 19    | 26    | 19    | 59                   | 0.33  | 0.45  | 0.33  | 859  | 440   | 896       |
| 281       | 0     | 0     | 20    | 26    | 19    | 57                   | 0.34  | 0.45  | 0.33  | 850  | 440   | 887       |
| 284       | 0     | 0     | 19    | 25    | 19    | 56                   | 0.34  | 0.45  | 0.33  | 854  | 440   | 891       |
| 288       | 0     | 0     | 19    | 25    | 19    | 56                   | 0.35  | 0.45  | 0.33  | 852  | 440   | 889       |
| 292       | 0     | 0     | 19    | 26    | 19    | 56                   | 0.34  | 0.47  | 0.33  | 842  | 440   | 879       |
| 295       | 0     | 0     | 19    | 26    | 19    | 58                   | 0.33  | 0.44  | 0.32  | 854  | 440   | 891       |
| 299       | 0     | 0     | 19    | 26    | 20    | 57                   | 0.33  | 0.45  | 0.34  | 866  | 440   | 904       |
| 302       | 0     | 0     | 19    | 26    | 19    | 56                   | 0.35  | 0.47  | 0.34  | 855  | 440   | 892       |
| 306       | 0     | 0     | 19    | 26    | 19    | 55                   | 0.35  | 0.47  | 0.34  | 849  | 440   | 886       |
| 310       | 0     | 0     | 19    | 24    | 18    | 52                   | 0.37  | 0.47  | 0.35  | 842  | 450   | 879       |
| 313       | 0     | 0     | 20    | 26    | 19    | 54                   | 0.36  | 0.47  | 0.35  | 852  | 460   | 889       |
| 317       | 0     | 0     | 19    | 25    | 18    | 53                   | 0.35  | 0.47  | 0.34  | 838  | 460   | 874       |
| 320       | 0     | 0     | 19    | 25    | 18    | 53                   | 0.36  | 0.47  | 0.34  | 836  | 460   | 872       |
| 324       | 0     | 0     | 19    | 24    | 18    | 51                   | 0.37  | 0.47  | 0.34  | 831  | 470   | 867       |
| 328       | 0     | 0     | 19    | 23    | 17    | 51                   | 0.36  | 0.45  | 0.34  | 828  | 470   | 864       |
| 331       | 0     | 0     | 19    | 23    | 18    | 51                   | 0.37  | 0.46  | 0.35  | 837  | 470   | 873       |
| 335       | 0     | 0     | 19    | 26    | 19    | 54                   | 0.36  | 0.47  | 0.34  | 846  | 470   | 883       |
| 338       | 0     | 0     | 19    | 26    | 19    | 54                   | 0.36  | 0.49  | 0.35  | 843  | 460   | 880       |
| 342       | 0     | 0     | 19    | 26    | 19    | 54                   | 0.36  | 0.48  | 0.35  | 847  | 460   | 884       |
| 346       | 0     | 0     | 16    | 20    | 15    | 49                   | 0.32  | 0.42  | 0.32  | 780  | 460   | 814       |
| 349       | 0     | 0     | 19    | 25    | 19    | 53                   | 0.35  | 0.47  | 0.35  | 851  | 450   | 888       |
| 353       | 0     | 0     | 19    | 26    | 19    | 56                   | 0.34  | 0.47  | 0.34  | 850  | 460   | 887       |
| 356       | 0     | 0     | 20    | 27    | 20    | 58                   | 0.34  | 0.47  | 0.34  | 856  | 460   | 893       |
| 360       | 0     | 0     | 20    | 27    | 20    | 59                   | 0.33  | 0.46  | 0.34  | 864  | 460   | 902       |
| E614984 : |       |       |       |       |       |                      |       |       |       |      |       |           |
| 43        | 0     | 0     | 13    | 16    | 13    | 48                   | 0.28  | 0.32  | 0.26  | 666  | 570   | 695       |
| 47        | 0     | 0     | 13    | 15    | 12    | 46                   | 0.29  | 0.33  | 0.26  | 641  | 590   | 669       |
| 50        | 0     | 0     | 13    | 14    | 12    | 47                   | 0.27  | 0.31  | 0.25  | 622  | 590   | 649       |
| 54        | 0     | 0     | 12    | 14    | 11    | 46                   | 0.26  | 0.30  | 0.24  | 604  | 590   | 630       |
| 58        | 0     | 0     | 12    | 14    | 11    | 46                   | 0.25  | 0.29  | 0.24  | 586  | 580   | 611       |
| 61        | 0     | 0     | 11    | 13    | 10    | 44                   | 0.25  | 0.30  | 0.24  | 568  | 580   | 593       |
| 65        | 0     | 0     | 11    | 13    | 10    | 43                   | 0.25  | 0.30  | 0.24  | 555  | 580   | 579       |
| 68        | 0     | 0     | 12    | 14    | 11    | 43                   | 0.27  | 0.32  | 0.25  | 587  | 580   | 613       |
| 72        | 0     | 0     | 12    | 13    | 11    | 44                   | 0.27  | 0.30  | 0.24  | 566  | 580   | 591       |
| 76        | 0     | 0     | 12    | 13    | 11    | 45                   | 0.26  | 0.29  | 0.24  | 564  | 570   | 589       |
| 79        | 0     | 0     | 10    | 13    | 10    | 42                   | 0.24  | 0.30  | 0.24  | 537  | 570   | 560       |
| 83        | 0     | 0     | 9     | 12    | 9     | 38                   | 0.24  | 0.32  | 0.23  | 494  | 570   | 515       |
| 86        | 0     | 0     | 10    | 12    | 10    | 43                   | 0.24  | 0.29  | 0.23  | 529  | 580   | 552       |
| 90        | 0     | 0     | 9     | 12    | 9     | 44                   | 0.19  | 0.26  | 0.20  | 494  | 590   | 515       |
| 133       | 0     | 0     | 9     | 12    | 9     | 37                   | 0.25  | 0.33  | 0.25  | 512  | 750   | 534       |
| 137       | 0     | 0     | 11    | 13    | 11    | 48                   | 0.24  | 0.27  | 0.22  | 571  | 750   | 596       |
| 140       | 0     | 0     | 12    | 14    | 11    | 49                   | 0.24  | 0.28  | 0.22  | 590  | 750   | 616       |
| 144       | 0     | 0     | 12    | 13    | 11    | 49                   | 0.24  | 0.27  | 0.22  | 579  | 750   | 604       |
| 148       | 0     | 0     | 11    | 13    | 11    | 47                   | 0.24  | 0.28  | 0.23  | 577  | 730   | 602       |
| 151       | 0     | 0     | 11    | 13    | 10    | 45                   | 0.24  | 0.28  | 0.22  | 546  | 720   | 570       |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 155       | 0     | 0     | 11    | 13    | 10    | 47            | 0.24          | 0.28          | 0.22          | 563          | 710           | 587                   |
| 158       | 0     | 0     | 11    | 14    | 11    | 48            | 0.24          | 0.28          | 0.23          | 584          | 670           | 609                   |
| 162       | 0     | 0     | 12    | 14    | 11    | 47            | 0.24          | 0.29          | 0.23          | 582          | 640           | 607                   |
| 166       | 0     | 0     | 12    | 14    | 11    | 47            | 0.25          | 0.29          | 0.23          | 593          | 640           | 619                   |
| 169       | 0     | 0     | 12    | 14    | 11    | 46            | 0.26          | 0.30          | 0.24          | 596          | 630           | 622                   |
| 173       | 0     | 0     | 12    | 14    | 12    | 47            | 0.26          | 0.30          | 0.25          | 620          | 630           | 647                   |
| 176       | 0     | 0     | 12    | 15    | 12    | 46            | 0.27          | 0.32          | 0.26          | 627          | 630           | 654                   |
| 180       | 0     | 0     | 12    | 14    | 12    | 47            | 0.26          | 0.30          | 0.24          | 612          | 630           | 639                   |
| 184       | 0     | 0     | 12    | 14    | 11    | 46            | 0.26          | 0.30          | 0.24          | 590          | 630           | 616                   |
| 187       | 0     | 0     | 12    | 13    | 11    | 46            | 0.25          | 0.29          | 0.23          | 575          | 640           | 600                   |
| 191       | 0     | 0     | 11    | 13    | 11    | 44            | 0.26          | 0.29          | 0.24          | 562          | 640           | 586                   |
| 194       | 0     | 0     | 11    | 13    | 10    | 43            | 0.26          | 0.29          | 0.23          | 540          | 630           | 563                   |
| 198       | 0     | 0     | 10    | 12    | 10    | 41            | 0.25          | 0.29          | 0.23          | 515          | 640           | 537                   |
| 202       | 0     | 0     | 10    | 12    | 9     | 41            | 0.25          | 0.29          | 0.23          | 504          | 640           | 526                   |
| 205       | 0     | 0     | 9     | 11    | 9     | 42            | 0.21          | 0.27          | 0.22          | 486          | 640           | 507                   |
| 209       | 0     | 0     | 9     | 12    | 9     | 41            | 0.23          | 0.29          | 0.23          | 500          | 640           | 522                   |
| 212       | 0     | 0     | 10    | 12    | 10    | 41            | 0.25          | 0.30          | 0.24          | 529          | 630           | 552                   |
| 216       | 0     | 0     | 11    | 13    | 10    | 41            | 0.28          | 0.31          | 0.25          | 549          | 630           | 573                   |
| 220       | 0     | 0     | 12    | 13    | 11    | 43            | 0.28          | 0.30          | 0.25          | 571          | 630           | 596                   |
| 223       | 0     | 0     | 12    | 14    | 12    | 41            | 0.30          | 0.34          | 0.28          | 611          | 630           | 638                   |
| 227       | 0     | 0     | 12    | 13    | 11    | 39            | 0.31          | 0.34          | 0.28          | 586          | 630           | 611                   |
| 230       | 0     | 0     | 12    | 14    | 11    | 39            | 0.31          | 0.35          | 0.29          | 601          | 630           | 627                   |
| 234       | 0     | 0     | 12    | 14    | 11    | 39            | 0.31          | 0.37          | 0.30          | 616          | 620           | 643                   |
| 238       | 0     | 0     | 13    | 15    | 12    | 40            | 0.32          | 0.37          | 0.30          | 636          | 620           | 664                   |
| 241       | 0     | 0     | 13    | 15    | 12    | 40            | 0.32          | 0.38          | 0.30          | 645          | 620           | 673                   |
| 245       | 0     | 0     | 12    | 14    | 12    | 39            | 0.32          | 0.37          | 0.30          | 624          | 620           | 651                   |
| 248       | 0     | 0     | 12    | 14    | 11    | 39            | 0.30          | 0.37          | 0.29          | 610          | 630           | 637                   |
| E614997 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 47        | 0     | 0     | 18    | 19    | 16    | 55            | 0.33          | 0.34          | 0.30          | 792          | 730           | 826                   |
| 50        | 0     | 0     | 16    | 17    | 15    | 54            | 0.30          | 0.31          | 0.28          | 744          | 750           | 776                   |
| 54        | 0     | 0     | 18    | 19    | 16    | 51            | 0.35          | 0.37          | 0.31          | 791          | 720           | 825                   |
| 58        | 0     | 0     | 17    | 17    | 15    | 51            | 0.33          | 0.34          | 0.30          | 756          | 730           | 789                   |
| 61        | 0     | 0     | 14    | 15    | 13    | 44            | 0.31          | 0.35          | 0.31          | 681          | 740           | 711                   |
| 65        | 0     | 0     | 18    | 20    | 16    | 50            | 0.37          | 0.39          | 0.33          | 801          | 740           | 836                   |
| 68        | 0     | 0     | 13    | 15    | 12    | 46            | 0.28          | 0.33          | 0.27          | 651          | 750           | 679                   |
| 72        | 0     | 0     | 16    | 16    | 14    | 52            | 0.31          | 0.31          | 0.27          | 707          | 740           | 738                   |
| 76        | 0     | 0     | 17    | 18    | 15    | 57            | 0.29          | 0.31          | 0.26          | 752          | 730           | 785                   |
| 79        | 0     | 0     | 18    | 19    | 15    | 54            | 0.33          | 0.36          | 0.29          | 779          | 730           | 813                   |
| 83        | 0     | 0     | 16    | 18    | 14    | 53            | 0.31          | 0.34          | 0.27          | 740          | 740           | 772                   |
| 86        | 0     | 0     | 16    | 17    | 14    | 52            | 0.31          | 0.33          | 0.26          | 715          | 760           | 746                   |
| 90        | 0     | 0     | 17    | 19    | 15    | 51            | 0.33          | 0.37          | 0.28          | 752          | 750           | 785                   |
| 94        | 0     | 0     | 18    | 20    | 15    | 51            | 0.35          | 0.38          | 0.30          | 771          | 740           | 805                   |
| 97        | 0     | 0     | 16    | 17    | 14    | 44            | 0.36          | 0.39          | 0.32          | 731          | 710           | 763                   |
| 101       | 0     | 0     | 17    | 19    | 15    | 50            | 0.33          | 0.37          | 0.29          | 755          | 710           | 788                   |
| 104       | 0     | 0     | 14    | 15    | 12    | 49            | 0.28          | 0.31          | 0.25          | 653          | 720           | 681                   |
| 108       | 0     | 0     | 16    | 17    | 14    | 53            | 0.31          | 0.33          | 0.26          | 720          | 710           | 751                   |
| 162       | 0     | 0     | 18    | 20    | 17    | 56            | 0.32          | 0.37          | 0.30          | 814          | 770           | 849                   |
| 166       | 0     | 0     | 17    | 19    | 15    | 51            | 0.33          | 0.37          | 0.30          | 775          | 760           | 809                   |
| 169       | 0     | 0     | 13    | 14    | 12    | 46            | 0.29          | 0.31          | 0.26          | 624          | 760           | 651                   |
| 173       | 0     | 0     | 16    | 17    | 15    | 50            | 0.32          | 0.34          | 0.30          | 745          | 760           | 777                   |
| 176       | 0     | 0     | 11    | 14    | 11    | 44            | 0.25          | 0.31          | 0.26          | 602          | 750           | 628                   |
| 180       | 0     | 0     | 16    | 17    | 14    | 53            | 0.30          | 0.32          | 0.26          | 718          | 740           | 749                   |
| 184       | 0     | 0     | 16    | 17    | 14    | 54            | 0.29          | 0.32          | 0.26          | 733          | 740           | 765                   |
| 187       | 0     | 0     | 17    | 19    | 15    | 52            | 0.32          | 0.36          | 0.29          | 769          | 720           | 802                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 191       | 0     | 0     | 15    | 16    | 13    | 52            | 0.29          | 0.32          | 0.26          | 700          | 730           | 730                   |
| 194       | 0     | 0     | 12    | 14    | 12    | 45            | 0.26          | 0.30          | 0.27          | 621          | 750           | 648                   |
| 198       | 0     | 0     | 14    | 15    | 13    | 48            | 0.28          | 0.30          | 0.26          | 651          | 780           | 679                   |
| 245       | 0     | 0     | 4     | 8     | 8     | 31            | 0.14          | 0.27          | 0.25          | 374          | 800           | 390                   |
| 248       | 0     | 0     | 4     | 8     | 8     | 28            | 0.14          | 0.28          | 0.27          | 358          | 780           | 374                   |
| 252       | 0     | 0     | 5     | 9     | 8     | 31            | 0.16          | 0.28          | 0.27          | 398          | 780           | 415                   |
| 256       | 0     | 0     | 5     | 9     | 8     | 33            | 0.15          | 0.27          | 0.25          | 405          | 800           | 423                   |
| 259       | 0     | 0     | 5     | 9     | 9     | 36            | 0.15          | 0.26          | 0.24          | 418          | 790           | 436                   |
| 263       | 0     | 0     | 6     | 10    | 9     | 37            | 0.17          | 0.26          | 0.24          | 440          | 780           | 459                   |
| 266       | 0     | 0     | 11    | 12    | 12    | 46            | 0.23          | 0.26          | 0.25          | 575          | 790           | 600                   |
| 270       | 0     | 0     | 12    | 14    | 13    | 52            | 0.24          | 0.26          | 0.24          | 638          | 800           | 666                   |
| 274       | 0     | 0     | 13    | 14    | 13    | 46            | 0.28          | 0.30          | 0.28          | 652          | 820           | 680                   |
| 277       | 0     | 0     | 16    | 17    | 15    | 49            | 0.32          | 0.34          | 0.30          | 741          | 850           | 773                   |
| 281       | 0     | 0     | 14    | 15    | 14    | 49            | 0.29          | 0.30          | 0.28          | 678          | 860           | 707                   |
| 284       | 0     | 0     | 10    | 13    | 11    | 39            | 0.27          | 0.32          | 0.28          | 568          | 780           | 593                   |
| 288       | 0     | 0     | 10    | 13    | 11    | 40            | 0.25          | 0.33          | 0.28          | 596          | 730           | 622                   |
| E615074 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 4         | 0     | 0     | 20    | 31    | 23    | 66            | 0.30          | 0.46          | 0.34          | 882          | 520           | 920                   |
| 7         | 0     | 0     | 19    | 31    | 23    | 67            | 0.29          | 0.46          | 0.34          | 884          | 520           | 922                   |
| 11        | 0     | 0     | 20    | 31    | 23    | 68            | 0.30          | 0.45          | 0.34          | 890          | 520           | 929                   |
| 14        | 0     | 0     | 20    | 31    | 23    | 69            | 0.29          | 0.45          | 0.34          | 890          | 520           | 929                   |
| 18        | 0     | 0     | 20    | 32    | 24    | 69            | 0.29          | 0.47          | 0.34          | 871          | 550           | 909                   |
| 22        | 0     | 0     | 20    | 33    | 24    | 69            | 0.29          | 0.47          | 0.35          | 868          | 560           | 906                   |
| 270       | 0     | 0     | 20    | 30    | 23    | 65            | 0.31          | 0.47          | 0.36          | 899          | 520           | 938                   |
| 274       | 0     | 0     | 19    | 28    | 22    | 62            | 0.31          | 0.45          | 0.36          | 913          | 480           | 953                   |
| 277       | 0     | 0     | 18    | 26    | 21    | 56            | 0.32          | 0.46          | 0.37          | 888          | 480           | 927                   |
| 281       | 0     | 0     | 18    | 27    | 21    | 57            | 0.32          | 0.47          | 0.37          | 891          | 480           | 930                   |
| 284       | 0     | 0     | 17    | 23    | 19    | 59            | 0.29          | 0.39          | 0.33          | 872          | 470           | 910                   |
| 288       | 0     | 0     | 19    | 29    | 22    | 58            | 0.32          | 0.49          | 0.38          | 892          | 460           | 931                   |
| 292       | 0     | 0     | 19    | 29    | 23    | 63            | 0.31          | 0.45          | 0.37          | 913          | 460           | 953                   |
| 295       | 0     | 0     | 19    | 28    | 23    | 63            | 0.30          | 0.44          | 0.36          | 916          | 460           | 956                   |
| 299       | 0     | 0     | 19    | 28    | 23    | 62            | 0.31          | 0.45          | 0.36          | 913          | 460           | 953                   |
| 302       | 0     | 0     | 19    | 27    | 22    | 60            | 0.32          | 0.45          | 0.36          | 904          | 460           | 943                   |
| 306       | 0     | 0     | 19    | 28    | 22    | 59            | 0.33          | 0.46          | 0.37          | 907          | 460           | 946                   |
| 310       | 0     | 0     | 18    | 26    | 21    | 56            | 0.33          | 0.47          | 0.37          | 890          | 460           | 929                   |
| 313       | 0     | 0     | 17    | 24    | 20    | 54            | 0.32          | 0.45          | 0.37          | 885          | 460           | 923                   |
| 317       | 0     | 0     | 19    | 28    | 23    | 63            | 0.30          | 0.45          | 0.36          | 912          | 480           | 952                   |
| 320       | 0     | 0     | 17    | 25    | 20    | 56            | 0.31          | 0.45          | 0.36          | 888          | 480           | 927                   |
| 324       | 0     | 0     | 19    | 29    | 23    | 63            | 0.31          | 0.46          | 0.36          | 912          | 480           | 952                   |
| 328       | 0     | 0     | 19    | 28    | 22    | 62            | 0.31          | 0.46          | 0.37          | 904          | 480           | 943                   |
| 331       | 0     | 0     | 20    | 29    | 23    | 64            | 0.31          | 0.46          | 0.36          | 907          | 470           | 946                   |
| 335       | 0     | 0     | 20    | 29    | 23    | 63            | 0.31          | 0.45          | 0.37          | 917          | 470           | 957                   |
| 338       | 0     | 0     | 19    | 30    | 22    | 63            | 0.31          | 0.47          | 0.36          | 887          | 480           | 926                   |
| 342       | 0     | 0     | 19    | 28    | 21    | 60            | 0.32          | 0.47          | 0.36          | 881          | 500           | 919                   |
| 346       | 0     | 0     | 19    | 28    | 21    | 62            | 0.30          | 0.45          | 0.33          | 881          | 520           | 919                   |
| 349       | 0     | 0     | 17    | 24    | 19    | 55            | 0.31          | 0.43          | 0.34          | 865          | 520           | 903                   |
| 353       | 0     | 0     | 19    | 31    | 23    | 65            | 0.30          | 0.47          | 0.35          | 881          | 520           | 919                   |
| 356       | 0     | 0     | 15    | 22    | 18    | 55            | 0.27          | 0.40          | 0.32          | 840          | 520           | 877                   |
| 360       | 0     | 0     | 19    | 29    | 22    | 62            | 0.31          | 0.47          | 0.35          | 888          | 520           | 927                   |
| E615772 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 47        | 0     | 0     | 8     | 11    | 10    | 38            | 0.21          | 0.29          | 0.26          | 510          | 810           | 532                   |
| 50        | 0     | 0     | 9     | 12    | 11    | 41            | 0.22          | 0.30          | 0.26          | 548          | 790           | 572                   |
| 54        | 0     | 0     | 11    | 14    | 12    | 43            | 0.25          | 0.32          | 0.28          | 614          | 800           | 641                   |
| 58        | 0     | 0     | 12    | 14    | 12    | 45            | 0.27          | 0.30          | 0.27          | 620          | 760           | 647                   |

NORM.

EST.

PEEL

MEAS.

PEEL

EST.

PEEL

500/

BBAND

370/

BBAND

270/

BBAND

BROAD

BAND

500 K

370 K

270 K

INCLU

PHASE

ANGLE

|           |   |   |    |    |    |    |      |      |      |     |     |     |
|-----------|---|---|----|----|----|----|------|------|------|-----|-----|-----|
| 61        | 0 | 0 | 14 | 14 | 13 | 46 | 0.31 | 0.31 | 0.27 | 643 | 770 | 671 |
| 65        | 0 | 0 | 14 | 15 | 13 | 49 | 0.30 | 0.31 | 0.26 | 664 | 770 | 693 |
| 68        | 0 | 0 | 14 | 15 | 13 | 47 | 0.30 | 0.31 | 0.27 | 663 | 760 | 692 |
| 72        | 0 | 0 | 14 | 14 | 13 | 46 | 0.30 | 0.31 | 0.27 | 645 | 760 | 673 |
| 76        | 0 | 0 | 14 | 15 | 14 | 50 | 0.29 | 0.31 | 0.27 | 687 | 760 | 717 |
| 79        | 0 | 0 | 14 | 15 | 13 | 47 | 0.29 | 0.31 | 0.28 | 669 | 760 | 698 |
| 83        | 0 | 0 | 11 | 12 | 12 | 43 | 0.26 | 0.28 | 0.27 | 571 | 710 | 596 |
| 86        | 0 | 0 | 13 | 14 | 12 | 47 | 0.28 | 0.29 | 0.26 | 621 | 710 | 648 |
| 90        | 0 | 0 | 12 | 14 | 12 | 44 | 0.28 | 0.33 | 0.28 | 644 | 720 | 672 |
| 94        | 0 | 0 | 12 | 14 | 12 | 44 | 0.27 | 0.32 | 0.27 | 619 | 710 | 646 |
| 97        | 0 | 0 | 14 | 15 | 13 | 47 | 0.30 | 0.31 | 0.27 | 656 | 700 | 685 |
| 101       | 0 | 0 | 14 | 15 | 13 | 47 | 0.29 | 0.32 | 0.27 | 658 | 700 | 687 |
| 104       | 0 | 0 | 13 | 15 | 13 | 48 | 0.28 | 0.32 | 0.28 | 682 | 700 | 712 |
| 108       | 0 | 0 | 13 | 15 | 13 | 47 | 0.27 | 0.32 | 0.27 | 664 | 700 | 693 |
| 112       | 0 | 0 | 15 | 16 | 14 | 50 | 0.29 | 0.32 | 0.27 | 702 | 680 | 733 |
| 115       | 0 | 0 | 14 | 15 | 13 | 49 | 0.28 | 0.31 | 0.27 | 675 | 670 | 704 |
| 119       | 0 | 0 | 13 | 14 | 12 | 45 | 0.28 | 0.31 | 0.27 | 625 | 660 | 652 |
| 122       | 0 | 0 | 13 | 14 | 12 | 47 | 0.28 | 0.31 | 0.27 | 642 | 660 | 670 |
| 126       | 0 | 0 | 12 | 14 | 12 | 44 | 0.26 | 0.33 | 0.27 | 629 | 660 | 656 |
| 130       | 0 | 0 | 14 | 15 | 13 | 50 | 0.27 | 0.30 | 0.25 | 656 | 690 | 685 |
| F618589 : |   |   |    |    |    |    |      |      |      |     |     |     |
| 90        | 0 | 0 | 19 | 25 | 19 | 57 | 0.34 | 0.44 | 0.33 | 861 | 430 | 898 |
| 94        | 0 | 0 | 19 | 27 | 20 | 60 | 0.32 | 0.45 | 0.33 | 858 | 410 | 895 |
| 97        | 0 | 0 | 20 | 27 | 20 | 60 | 0.33 | 0.46 | 0.33 | 859 | 410 | 896 |
| 101       | 0 | 0 | 19 | 27 | 20 | 60 | 0.32 | 0.45 | 0.33 | 861 | 400 | 898 |
| 104       | 0 | 0 | 19 | 25 | 18 | 57 | 0.32 | 0.44 | 0.32 | 848 | 400 | 885 |
| 108       | 0 | 0 | 19 | 26 | 19 | 58 | 0.33 | 0.46 | 0.34 | 861 | 400 | 898 |
| 112       | 0 | 0 | 19 | 27 | 19 | 59 | 0.32 | 0.45 | 0.33 | 860 | 400 | 897 |
| 115       | 0 | 0 | 19 | 27 | 19 | 59 | 0.32 | 0.45 | 0.32 | 850 | 390 | 887 |
| 119       | 0 | 0 | 19 | 26 | 19 | 58 | 0.32 | 0.45 | 0.32 | 848 | 390 | 885 |
| 122       | 0 | 0 | 16 | 22 | 16 | 53 | 0.31 | 0.41 | 0.31 | 801 | 390 | 836 |
| 126       | 0 | 0 | 18 | 23 | 17 | 53 | 0.33 | 0.43 | 0.33 | 825 | 380 | 861 |
| 130       | 0 | 0 | 19 | 25 | 18 | 56 | 0.34 | 0.45 | 0.33 | 843 | 380 | 880 |
| 133       | 0 | 0 | 19 | 24 | 17 | 54 | 0.34 | 0.44 | 0.32 | 832 | 380 | 868 |
| 137       | 0 | 0 | 19 | 23 | 17 | 53 | 0.35 | 0.44 | 0.32 | 822 | 380 | 858 |
| 140       | 0 | 0 | 19 | 23 | 17 | 52 | 0.36 | 0.44 | 0.33 | 829 | 380 | 865 |
| 144       | 0 | 0 | 19 | 25 | 18 | 55 | 0.34 | 0.45 | 0.33 | 842 | 380 | 879 |
| 148       | 0 | 0 | 18 | 23 | 17 | 53 | 0.35 | 0.44 | 0.33 | 830 | 380 | 866 |
| 151       | 0 | 0 | 18 | 23 | 17 | 51 | 0.36 | 0.45 | 0.34 | 822 | 380 | 858 |
| 155       | 0 | 0 | 18 | 21 | 17 | 50 | 0.36 | 0.42 | 0.33 | 811 | 390 | 846 |
| 158       | 0 | 0 | 15 | 18 | 14 | 53 | 0.29 | 0.35 | 0.27 | 747 | 390 | 779 |
| 252       | 0 | 0 | 19 | 26 | 20 | 59 | 0.32 | 0.43 | 0.33 | 871 | 500 | 909 |
| 256       | 0 | 0 | 19 | 27 | 20 | 61 | 0.31 | 0.44 | 0.32 | 868 | 480 | 906 |
| 259       | 0 | 0 | 19 | 27 | 20 | 59 | 0.32 | 0.45 | 0.33 | 869 | 470 | 907 |
| 263       | 0 | 0 | 19 | 27 | 20 | 60 | 0.32 | 0.45 | 0.33 | 864 | 450 | 902 |
| 266       | 0 | 0 | 19 | 26 | 20 | 61 | 0.31 | 0.43 | 0.33 | 872 | 450 | 910 |
| 270       | 0 | 0 | 19 | 27 | 19 | 59 | 0.32 | 0.45 | 0.33 | 859 | 510 | 896 |
| 274       | 0 | 0 | 18 | 23 | 17 | 55 | 0.32 | 0.42 | 0.31 | 827 | 480 | 863 |
| 277       | 0 | 0 | 18 | 22 | 17 | 55 | 0.33 | 0.41 | 0.31 | 827 | 480 | 863 |
| 281       | 0 | 0 | 19 | 25 | 18 | 56 | 0.33 | 0.44 | 0.32 | 842 | 470 | 879 |
| 284       | 0 | 0 | 19 | 24 | 18 | 56 | 0.33 | 0.43 | 0.32 | 840 | 470 | 877 |
| 288       | 0 | 0 | 19 | 23 | 18 | 55 | 0.35 | 0.42 | 0.32 | 835 | 470 | 871 |
| 292       | 0 | 0 | 19 | 23 | 17 | 54 | 0.34 | 0.42 | 0.32 | 832 | 460 | 868 |
| 295       | 0 | 0 | 19 | 23 | 17 | 54 | 0.34 | 0.43 | 0.32 | 830 | 460 | 866 |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD 270/ 370/ 500/ |       |       |       | EST. | MEAS. | NORM. |
|-----------|-------|-------|-------|-------|-------|----------------------|-------|-------|-------|------|-------|-------|
|           |       |       |       |       |       | BAND                 | BBAND | BBAND | BBAND | PEEL | PEEL  | PEEL  |
| 299       | 0     | 0     | 18    | 23    | 17    | 55                   | 0.34  | 0.42  | 0.32  | 831  | 460   | 867   |
| 302       | 0     | 0     | 18    | 22    | 16    | 53                   | 0.34  | 0.41  | 0.31  | 810  | 460   | 845   |
| 306       | 0     | 0     | 19    | 24    | 18    | 55                   | 0.34  | 0.43  | 0.32  | 836  | 460   | 872   |
| 310       | 0     | 0     | 19    | 24    | 17    | 56                   | 0.33  | 0.43  | 0.31  | 829  | 460   | 865   |
| 313       | 0     | 0     | 19    | 24    | 17    | 57                   | 0.33  | 0.43  | 0.30  | 824  | 460   | 860   |
| 317       | 0     | 0     | 19    | 25    | 18    | 58                   | 0.32  | 0.44  | 0.31  | 834  | 460   | 870   |
| 320       | 0     | 0     | 19    | 26    | 18    | 59                   | 0.32  | 0.44  | 0.31  | 841  | 460   | 878   |
| 324       | 0     | 0     | 19    | 26    | 18    | 59                   | 0.32  | 0.44  | 0.31  | 839  | 450   | 875   |
| 328       | 0     | 0     | 19    | 26    | 19    | 58                   | 0.33  | 0.45  | 0.32  | 846  | 450   | 883   |
| 331       | 0     | 0     | 19    | 27    | 19    | 60                   | 0.32  | 0.44  | 0.32  | 855  | 460   | 892   |
| 335       | 0     | 0     | 19    | 27    | 20    | 61                   | 0.32  | 0.44  | 0.32  | 867  | 470   | 905   |
| 338       | 0     | 0     | 19    | 26    | 19    | 61                   | 0.32  | 0.43  | 0.32  | 859  | 490   | 896   |
| F618661 : |       |       |       |       |       |                      |       |       |       |      |       |       |
| 54        | 0     | 0     | 11    | 15    | 11    | 38                   | 0.29  | 0.39  | 0.29  | 614  | 670   | 641   |
| 58        | 0     | 0     | 10    | 14    | 10    | 43                   | 0.23  | 0.32  | 0.24  | 572  | 650   | 597   |
| 61        | 0     | 0     | 13    | 16    | 12    | 42                   | 0.31  | 0.38  | 0.29  | 658  | 660   | 687   |
| 65        | 0     | 0     | 15    | 18    | 13    | 44                   | 0.33  | 0.41  | 0.30  | 706  | 660   | 737   |
| 68        | 0     | 0     | 12    | 17    | 11    | 42                   | 0.28  | 0.40  | 0.27  | 632  | 660   | 659   |
| 72        | 0     | 0     | 14    | 19    | 14    | 46                   | 0.31  | 0.41  | 0.30  | 730  | 660   | 762   |
| 76        | 0     | 0     | 15    | 19    | 14    | 46                   | 0.32  | 0.42  | 0.30  | 730  | 660   | 762   |
| 79        | 0     | 0     | 15    | 20    | 14    | 47                   | 0.33  | 0.42  | 0.30  | 741  | 680   | 773   |
| 83        | 0     | 0     | 16    | 21    | 15    | 49                   | 0.33  | 0.43  | 0.31  | 770  | 670   | 803   |
| 86        | 0     | 0     | 15    | 19    | 14    | 45                   | 0.33  | 0.42  | 0.30  | 724  | 670   | 755   |
| 90        | 0     | 0     | 13    | 16    | 12    | 42                   | 0.31  | 0.38  | 0.28  | 652  | 670   | 680   |
| 94        | 0     | 0     | 15    | 18    | 14    | 44                   | 0.34  | 0.42  | 0.31  | 729  | 670   | 761   |
| 97        | 0     | 0     | 16    | 19    | 14    | 46                   | 0.34  | 0.42  | 0.30  | 736  | 680   | 768   |
| 101       | 0     | 0     | 15    | 19    | 13    | 46                   | 0.34  | 0.41  | 0.29  | 719  | 690   | 750   |
| 104       | 0     | 0     | 14    | 18    | 13    | 45                   | 0.32  | 0.41  | 0.29  | 702  | 720   | 733   |
| 108       | 0     | 0     | 14    | 18    | 13    | 43                   | 0.31  | 0.41  | 0.29  | 687  | 740   | 717   |
| 112       | 0     | 0     | 13    | 17    | 13    | 43                   | 0.31  | 0.40  | 0.30  | 685  | 750   | 715   |
| 115       | 0     | 0     | 14    | 18    | 13    | 44                   | 0.32  | 0.41  | 0.29  | 695  | 730   | 725   |
| 119       | 0     | 0     | 12    | 16    | 12    | 42                   | 0.29  | 0.39  | 0.29  | 655  | 730   | 683   |
| 122       | 0     | 0     | 11    | 15    | 11    | 38                   | 0.30  | 0.39  | 0.29  | 621  | 740   | 648   |
| 126       | 0     | 0     | 12    | 16    | 12    | 40                   | 0.31  | 0.40  | 0.30  | 647  | 740   | 675   |
| 130       | 0     | 0     | 12    | 16    | 12    | 41                   | 0.30  | 0.40  | 0.30  | 658  | 760   | 687   |
| 133       | 0     | 0     | 12    | 17    | 12    | 42                   | 0.30  | 0.40  | 0.29  | 660  | 760   | 689   |
| 205       | 0     | 0     | 18    | 21    | 15    | 50                   | 0.35  | 0.43  | 0.30  | 768  | 820   | 801   |
| 209       | 0     | 0     | 18    | 21    | 15    | 50                   | 0.35  | 0.43  | 0.29  | 759  | 840   | 792   |
| 212       | 0     | 0     | 18    | 21    | 15    | 52                   | 0.35  | 0.40  | 0.29  | 768  | 840   | 801   |
| 216       | 0     | 0     | 18    | 22    | 16    | 53                   | 0.34  | 0.43  | 0.30  | 794  | 830   | 829   |
| 220       | 0     | 0     | 18    | 22    | 16    | 52                   | 0.34  | 0.42  | 0.31  | 799  | 880   | 834   |
| 245       | 0     | 0     | 18    | 21    | 15    | 52                   | 0.35  | 0.40  | 0.29  | 767  | 840   | 800   |
| 248       | 0     | 0     | 18    | 22    | 16    | 52                   | 0.36  | 0.42  | 0.31  | 802  | 860   | 837   |
| 252       | 0     | 0     | 18    | 21    | 16    | 51                   | 0.35  | 0.41  | 0.30  | 785  | 890   | 819   |
| 256       | 0     | 0     | 17    | 20    | 15    | 50                   | 0.35  | 0.40  | 0.30  | 765  | 880   | 798   |
| 259       | 0     | 0     | 18    | 23    | 17    | 55                   | 0.34  | 0.42  | 0.31  | 818  | 900   | 854   |
| 263       | 0     | 0     | 18    | 22    | 16    | 52                   | 0.35  | 0.43  | 0.31  | 796  | 930   | 831   |
| 266       | 0     | 0     | 19    | 22    | 16    | 54                   | 0.34  | 0.41  | 0.30  | 805  | 960   | 840   |
| 270       | 0     | 0     | 16    | 20    | 15    | 48                   | 0.34  | 0.41  | 0.31  | 764  | 980   | 797   |
| F618961 : |       |       |       |       |       |                      |       |       |       |      |       |       |
| 104       | 0     | 0     | 17    | 21    | 16    | 52                   | 0.33  | 0.41  | 0.31  | 804  | 530   | 839   |
| 108       | 0     | 0     | 17    | 20    | 15    | 52                   | 0.33  | 0.38  | 0.29  | 780  | 540   | 814   |
| 112       | 0     | 0     | 16    | 19    | 15    | 55                   | 0.29  | 0.34  | 0.27  | 766  | 470   | 799   |
| 115       | 0     | 0     | 16    | 18    | 14    | 54                   | 0.29  | 0.33  | 0.27  | 743  | 460   | 775   |

NORM.

EST.

PEEL

MEAS.

PEEL

EST.

PEEL

500/

BBAND

370/

BBAND

270/

BBAND

BROAD

BAND

500 K

370 K

270 K

INCLU

PHASE

ANGLE

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 119       | 0     | 0     | 17    | 21    | 16    | 55            | 0.31          | 0.39          | 0.30          | 809          | 440           | 844                   |
| 122       | 0     | 0     | 17    | 20    | 16    | 53            | 0.31          | 0.38          | 0.29          | 786          | 440           | 820                   |
| 126       | 0     | 0     | 16    | 19    | 15    | 55            | 0.30          | 0.34          | 0.27          | 765          | 490           | 798                   |
| 130       | 0     | 0     | 17    | 22    | 17    | 53            | 0.33          | 0.43          | 0.33          | 826          | 480           | 862                   |
| 133       | 0     | 0     | 15    | 18    | 14    | 52            | 0.30          | 0.34          | 0.27          | 724          | 480           | 755                   |
| 137       | 0     | 0     | 13    | 15    | 12    | 44            | 0.29          | 0.34          | 0.28          | 657          | 480           | 686                   |
| 140       | 0     | 0     | 14    | 18    | 13    | 50            | 0.28          | 0.35          | 0.27          | 712          | 480           | 743                   |
| 144       | 0     | 0     | 16    | 20    | 15    | 56            | 0.29          | 0.35          | 0.28          | 782          | 460           | 816                   |
| 148       | 0     | 0     | 17    | 21    | 16    | 56            | 0.30          | 0.37          | 0.29          | 798          | 450           | 833                   |
| 151       | 0     | 0     | 17    | 21    | 16    | 54            | 0.32          | 0.39          | 0.30          | 809          | 440           | 844                   |
| 155       | 0     | 0     | 18    | 23    | 17    | 56            | 0.32          | 0.41          | 0.31          | 835          | 440           | 871                   |
| 158       | 0     | 0     | 18    | 27    | 20    | 61            | 0.30          | 0.43          | 0.32          | 872          | 440           | 910                   |
| 162       | 0     | 0     | 19    | 26    | 20    | 62            | 0.30          | 0.42          | 0.33          | 889          | 440           | 928                   |
| 166       | 0     | 0     | 19    | 26    | 20    | 62            | 0.31          | 0.41          | 0.32          | 883          | 440           | 921                   |
| 169       | 0     | 0     | 17    | 22    | 17    | 55            | 0.31          | 0.40          | 0.30          | 813          | 440           | 848                   |
| 173       | 0     | 0     | 16    | 17    | 14    | 49            | 0.32          | 0.36          | 0.28          | 722          | 440           | 753                   |
| 176       | 0     | 0     | 17    | 21    | 16    | 50            | 0.35          | 0.42          | 0.31          | 787          | 440           | 821                   |
| 180       | 0     | 0     | 18    | 22    | 16    | 52            | 0.34          | 0.42          | 0.31          | 804          | 440           | 839                   |
| 184       | 0     | 0     | 18    | 25    | 18    | 59            | 0.31          | 0.43          | 0.31          | 842          | 440           | 879                   |
| 187       | 0     | 0     | 17    | 21    | 16    | 51            | 0.34          | 0.40          | 0.31          | 795          | 440           | 830                   |
| 191       | 0     | 0     | 16    | 18    | 14    | 48            | 0.33          | 0.36          | 0.29          | 729          | 440           | 761                   |
| 194       | 0     | 0     | 15    | 16    | 13    | 52            | 0.29          | 0.31          | 0.26          | 686          | 440           | 716                   |
| 198       | 0     | 0     | 14    | 14    | 12    | 48            | 0.29          | 0.30          | 0.25          | 634          | 440           | 662                   |
| 202       | 0     | 0     | 15    | 15    | 13    | 51            | 0.29          | 0.30          | 0.25          | 678          | 440           | 707                   |
| 205       | 0     | 0     | 15    | 17    | 14    | 50            | 0.31          | 0.34          | 0.28          | 725          | 440           | 757                   |
| 209       | 0     | 0     | 10    | 12    | 10    | 37            | 0.27          | 0.32          | 0.27          | 525          | 440           | 548                   |
| 212       | 0     | 0     | 16    | 17    | 15    | 51            | 0.31          | 0.34          | 0.29          | 745          | 440           | 777                   |
| 216       | 0     | 0     | 17    | 20    | 15    | 49            | 0.34          | 0.40          | 0.32          | 779          | 450           | 813                   |
| 220       | 0     | 0     | 17    | 21    | 16    | 53            | 0.32          | 0.40          | 0.31          | 806          | 480           | 841                   |
| 256       | 0     | 0     | 18    | 25    | 18    | 54            | 0.34          | 0.46          | 0.34          | 842          | 530           | 879                   |
| 259       | 0     | 0     | 17    | 21    | 16    | 47            | 0.36          | 0.44          | 0.34          | 794          | 490           | 829                   |
| 263       | 0     | 0     | 16    | 21    | 17    | 49            | 0.33          | 0.42          | 0.34          | 815          | 480           | 850                   |
| 266       | 0     | 0     | 17    | 23    | 18    | 53            | 0.32          | 0.42          | 0.33          | 841          | 470           | 878                   |
| 270       | 0     | 0     | 17    | 19    | 16    | 51            | 0.33          | 0.38          | 0.31          | 783          | 460           | 817                   |
| 274       | 0     | 0     | 16    | 19    | 16    | 51            | 0.32          | 0.37          | 0.30          | 777          | 460           | 811                   |
| 277       | 0     | 0     | 15    | 15    | 14    | 52            | 0.29          | 0.29          | 0.27          | 695          | 460           | 725                   |
| 281       | 0     | 0     | 9     | 11    | 9     | 38            | 0.24          | 0.29          | 0.25          | 495          | 460           | 517                   |
| 284       | 0     | 0     | 14    | 17    | 15    | 47            | 0.29          | 0.37          | 0.31          | 741          | 470           | 773                   |
| 288       | 0     | 0     | 16    | 19    | 16    | 55            | 0.29          | 0.35          | 0.28          | 781          | 520           | 815                   |
| 292       | 0     | 0     | 16    | 19    | 16    | 47            | 0.35          | 0.41          | 0.33          | 786          | 580           | 820                   |
| 295       | 0     | 0     | 16    | 17    | 15    | 45            | 0.36          | 0.39          | 0.33          | 743          | 600           | 775                   |
| 299       | 0     | 0     | 16    | 16    | 14    | 47            | 0.33          | 0.35          | 0.30          | 720          | 610           | 751                   |
| 302       | 0     | 0     | 16    | 18    | 15    | 46            | 0.34          | 0.39          | 0.32          | 742          | 580           | 774                   |
| 306       | 0     | 0     | 17    | 19    | 15    | 46            | 0.36          | 0.41          | 0.33          | 776          | 540           | 810                   |
| 310       | 0     | 0     | 17    | 18    | 15    | 46            | 0.36          | 0.39          | 0.32          | 756          | 540           | 789                   |
| F619343 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 166       | 0     | 0     | 12    | 14    | 12    | 46            | 0.26          | 0.30          | 0.27          | 628          | 600           | 655                   |
| 169       | 0     | 0     | 9     | 11    | 10    | 41            | 0.22          | 0.27          | 0.25          | 519          | 610           | 542                   |
| 173       | 0     | 0     | 7     | 10    | 9     | 36            | 0.21          | 0.29          | 0.25          | 468          | 640           | 488                   |
| 176       | 0     | 0     | 11    | 13    | 12    | 40            | 0.26          | 0.33          | 0.30          | 613          | 700           | 640                   |
| 180       | 0     | 0     | 10    | 12    | 12    | 43            | 0.22          | 0.29          | 0.27          | 586          | 690           | 611                   |
| 184       | 0     | 0     | 13    | 14    | 13    | 49            | 0.26          | 0.29          | 0.27          | 661          | 680           | 690                   |
| 187       | 0     | 0     | 14    | 14    | 13    | 54            | 0.25          | 0.26          | 0.25          | 667          | 660           | 696                   |
| 191       | 0     | 0     | 11    | 13    | 12    | 47            | 0.22          | 0.28          | 0.26          | 606          | 660           | 632                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD 270/ 370/ 500/ |       |       |       | EST. | MEAS. | NORM.     |
|-----------|-------|-------|-------|-------|-------|----------------------|-------|-------|-------|------|-------|-----------|
|           |       |       |       |       |       | BAND                 | BBAND | BBAND | BBAND | PEEL | PEEL  | EST. PEEL |
| 194       | 0     | 0     | 12    | 14    | 13    | 47                   | 0.25  | 0.30  | 0.27  | 638  | 580   | 666       |
| 198       | 0     | 0     | 11    | 12    | 11    | 48                   | 0.23  | 0.25  | 0.24  | 572  | 500   | 597       |
| 202       | 0     | 0     | 11    | 12    | 11    | 46                   | 0.23  | 0.25  | 0.24  | 560  | 500   | 584       |
| 205       | 0     | 0     | 7     | 10    | 9     | 36                   | 0.20  | 0.27  | 0.26  | 454  | 500   | 474       |
| 209       | 0     | 0     | 4     | 7     | 6     | 23                   | 0.16  | 0.31  | 0.27  | 306  | 490   | 319       |
| 212       | 0     | 0     | 4     | 8     | 7     | 28                   | 0.15  | 0.29  | 0.25  | 351  | 480   | 366       |
| 216       | 0     | 0     | 3     | 7     | 7     | 26                   | 0.13  | 0.28  | 0.26  | 310  | 480   | 323       |
| 220       | 0     | 0     | 7     | 10    | 9     | 38                   | 0.19  | 0.26  | 0.24  | 455  | 480   | 475       |
| 223       | 0     | 0     | 7     | 10    | 9     | 37                   | 0.18  | 0.27  | 0.25  | 462  | 480   | 482       |
| 227       | 0     | 0     | 4     | 8     | 7     | 28                   | 0.13  | 0.29  | 0.26  | 354  | 470   | 369       |
| 230       | 0     | 0     | 4     | 9     | 8     | 29                   | 0.15  | 0.29  | 0.27  | 391  | 470   | 408       |
| 234       | 0     | 0     | 7     | 10    | 10    | 38                   | 0.19  | 0.26  | 0.26  | 467  | 470   | 487       |
| 238       | 0     | 0     | 7     | 10    | 9     | 39                   | 0.19  | 0.25  | 0.24  | 459  | 470   | 479       |
| 241       | 0     | 0     | 4     | 8     | 6     | 24                   | 0.15  | 0.32  | 0.25  | 314  | 470   | 328       |
| 245       | 0     | 0     | 5     | 8     | 7     | 28                   | 0.16  | 0.28  | 0.25  | 337  | 470   | 352       |
| 248       | 0     | 0     | 4     | 9     | 8     | 29                   | 0.15  | 0.32  | 0.26  | 395  | 480   | 412       |
| 252       | 0     | 0     | 5     | 8     | 7     | 30                   | 0.15  | 0.27  | 0.24  | 357  | 480   | 373       |
| 256       | 0     | 0     | 7     | 10    | 9     | 36                   | 0.20  | 0.27  | 0.26  | 449  | 480   | 469       |
| 259       | 0     | 0     | 9     | 10    | 10    | 43                   | 0.20  | 0.24  | 0.24  | 500  | 480   | 522       |
| 263       | 0     | 0     | 5     | 9     | 8     | 32                   | 0.17  | 0.30  | 0.26  | 416  | 480   | 434       |
| 266       | 0     | 0     | 6     | 10    | 8     | 35                   | 0.17  | 0.28  | 0.24  | 423  | 480   | 441       |
| 270       | 0     | 0     | 5     | 9     | 7     | 32                   | 0.15  | 0.28  | 0.24  | 376  | 480   | 392       |
| 274       | 0     | 0     | 5     | 9     | 7     | 29                   | 0.16  | 0.30  | 0.25  | 367  | 490   | 383       |
| 277       | 0     | 0     | 5     | 9     | 8     | 30                   | 0.16  | 0.29  | 0.26  | 382  | 490   | 399       |
| 281       | 0     | 0     | 7     | 9     | 9     | 36                   | 0.20  | 0.25  | 0.25  | 425  | 490   | 443       |
| 284       | 0     | 0     | 7     | 10    | 10    | 38                   | 0.20  | 0.26  | 0.26  | 468  | 490   | 488       |
| 288       | 0     | 0     | 9     | 10    | 11    | 42                   | 0.22  | 0.25  | 0.25  | 508  | 510   | 530       |
| 292       | 0     | 0     | 14    | 15    | 13    | 49                   | 0.28  | 0.30  | 0.27  | 670  | 510   | 699       |
| 295       | 0     | 0     | 13    | 13    | 12    | 55                   | 0.24  | 0.23  | 0.22  | 615  | 500   | 642       |
| 299       | 0     | 0     | 11    | 12    | 12    | 49                   | 0.23  | 0.24  | 0.24  | 571  | 500   | 596       |
| 302       | 0     | 0     | 11    | 13    | 12    | 43                   | 0.25  | 0.31  | 0.28  | 615  | 510   | 642       |
| 306       | 0     | 0     | 13    | 15    | 14    | 50                   | 0.27  | 0.29  | 0.28  | 687  | 520   | 717       |
| 310       | 0     | 0     | 12    | 16    | 14    | 44                   | 0.27  | 0.36  | 0.31  | 704  | 520   | 735       |
| 313       | 0     | 0     | 9     | 13    | 11    | 35                   | 0.27  | 0.37  | 0.31  | 584  | 520   | 609       |
| 317       | 0     | 0     | 9     | 12    | 12    | 44                   | 0.21  | 0.27  | 0.26  | 573  | 500   | 598       |
| 320       | 0     | 0     | 11    | 13    | 12    | 43                   | 0.25  | 0.30  | 0.28  | 607  | 510   | 633       |
| 324       | 0     | 0     | 9     | 11    | 11    | 47                   | 0.20  | 0.24  | 0.24  | 543  | 520   | 567       |
| 328       | 0     | 0     | 6     | 10    | 9     | 36                   | 0.18  | 0.28  | 0.26  | 459  | 520   | 479       |
| 331       | 0     | 0     | 11    | 12    | 11    | 45                   | 0.23  | 0.26  | 0.24  | 552  | 540   | 576       |
| 335       | 0     | 0     | 8     | 10    | 9     | 37                   | 0.23  | 0.28  | 0.25  | 459  | 530   | 479       |
| 338       | 0     | 0     | 11    | 12    | 10    | 39                   | 0.27  | 0.31  | 0.27  | 536  | 530   | 559       |
| 342       | 0     | 0     | 11    | 13    | 11    | 42                   | 0.27  | 0.31  | 0.27  | 585  | 520   | 610       |
| F619348 : |       |       |       |       |       |                      |       |       |       |      |       |           |
| 137       | 0     | 0     | 18    | 27    | 23    | 61                   | 0.30  | 0.44  | 0.37  | 922  | 760   | 962       |
| 140       | 0     | 0     | 18    | 25    | 20    | 53                   | 0.34  | 0.47  | 0.37  | 881  | 780   | 919       |
| 144       | 0     | 0     | 18    | 27    | 20    | 51                   | 0.34  | 0.52  | 0.39  | 870  | 800   | 908       |
| 148       | 0     | 0     | 18    | 26    | 20    | 52                   | 0.35  | 0.50  | 0.39  | 886  | 740   | 925       |
| 151       | 0     | 0     | 18    | 26    | 20    | 54                   | 0.33  | 0.48  | 0.38  | 887  | 740   | 926       |
| 155       | 0     | 0     | 19    | 27    | 22    | 61                   | 0.31  | 0.45  | 0.37  | 912  | 740   | 952       |
| 158       | 0     | 0     | 19    | 27    | 23    | 63                   | 0.30  | 0.43  | 0.37  | 929  | 720   | 969       |
| 162       | 0     | 0     | 19    | 28    | 22    | 59                   | 0.32  | 0.47  | 0.37  | 905  | 680   | 944       |
| 166       | 0     | 0     | 20    | 30    | 24    | 65                   | 0.30  | 0.46  | 0.37  | 913  | 660   | 953       |
| 169       | 0     | 0     | 19    | 29    | 23    | 64                   | 0.30  | 0.46  | 0.36  | 908  | 660   | 947       |
| 173       | 0     | 0     | 19    | 29    | 23    | 63                   | 0.30  | 0.46  | 0.36  | 904  | 680   | 943       |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 176       | 0     | 0     | 19    | 29    | 23    | 63            | 0.30          | 0.46          | 0.36          | 901          | 700           | 940                   |
| 180       | 0     | 0     | 19    | 31    | 24    | 64            | 0.30          | 0.48          | 0.37          | 900          | 710           | 939                   |
| 184       | 0     | 0     | 19    | 30    | 23    | 64            | 0.30          | 0.47          | 0.36          | 897          | 710           | 936                   |
| 187       | 0     | 0     | 19    | 29    | 23    | 63            | 0.30          | 0.46          | 0.36          | 906          | 710           | 945                   |
| 191       | 0     | 0     | 19    | 31    | 24    | 66            | 0.29          | 0.47          | 0.36          | 896          | 750           | 935                   |
| 194       | 0     | 0     | 19    | 31    | 24    | 66            | 0.29          | 0.47          | 0.36          | 895          | 790           | 934                   |
| 320       | 0     | 0     | 19    | 30    | 24    | 67            | 0.29          | 0.45          | 0.35          | 911          | 640           | 951                   |
| 324       | 0     | 0     | 20    | 30    | 24    | 67            | 0.29          | 0.45          | 0.36          | 911          | 620           | 951                   |
| 328       | 0     | 0     | 19    | 29    | 22    | 65            | 0.30          | 0.45          | 0.34          | 887          | 620           | 926                   |
| 331       | 0     | 0     | 19    | 30    | 24    | 67            | 0.29          | 0.45          | 0.36          | 913          | 620           | 953                   |
| 335       | 0     | 0     | 19    | 32    | 24    | 67            | 0.29          | 0.47          | 0.36          | 895          | 620           | 934                   |
| 338       | 0     | 0     | 20    | 32    | 24    | 68            | 0.29          | 0.46          | 0.36          | 897          | 620           | 936                   |
| 342       | 0     | 0     | 20    | 33    | 25    | 68            | 0.30          | 0.49          | 0.36          | 865          | 620           | 903                   |
| 346       | 0     | 0     | 19    | 31    | 25    | 68            | 0.28          | 0.46          | 0.37          | 913          | 620           | 953                   |
| 349       | 0     | 0     | 19    | 31    | 24    | 66            | 0.29          | 0.46          | 0.36          | 899          | 620           | 938                   |
| 353       | 0     | 0     | 19    | 30    | 24    | 66            | 0.29          | 0.46          | 0.37          | 914          | 620           | 954                   |
| F619349 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 281       | 25    | 0     | 19    | 31    | 25    | 72            | 0.26          | 0.44          | 0.35          | 919          | 600           | 959                   |
| 284       | 23    | 0     | 19    | 31    | 24    | 69            | 0.28          | 0.46          | 0.35          | 900          | 600           | 939                   |
| 288       | 14    | 0     | 20    | 32    | 25    | 72            | 0.27          | 0.44          | 0.35          | 916          | 600           | 956                   |
| 292       | 0     | 0     | 19    | 31    | 24    | 68            | 0.28          | 0.46          | 0.36          | 908          | 600           | 947                   |
| 295       | 1     | 0     | 19    | 31    | 24    | 66            | 0.29          | 0.46          | 0.36          | 908          | 600           | 947                   |
| 299       | 1     | 0     | 20    | 31    | 25    | 69            | 0.29          | 0.46          | 0.36          | 910          | 600           | 950                   |
| 302       | 0     | 0     | 19    | 31    | 25    | 69            | 0.28          | 0.45          | 0.36          | 908          | 600           | 947                   |
| 306       | 0     | 0     | 20    | 32    | 24    | 69            | 0.28          | 0.47          | 0.35          | 886          | 600           | 925                   |
| 310       | 0     | 0     | 20    | 32    | 24    | 71            | 0.28          | 0.46          | 0.35          | 887          | 600           | 926                   |
| 313       | 0     | 0     | 20    | 32    | 25    | 69            | 0.29          | 0.46          | 0.35          | 893          | 590           | 932                   |
| 317       | 0     | 0     | 20    | 31    | 24    | 68            | 0.29          | 0.46          | 0.36          | 904          | 600           | 943                   |
| 320       | 0     | 0     | 20    | 32    | 25    | 69            | 0.29          | 0.46          | 0.36          | 901          | 600           | 940                   |
| 324       | 0     | 0     | 20    | 30    | 25    | 68            | 0.29          | 0.44          | 0.36          | 932          | 600           | 973                   |
| 328       | 0     | 0     | 19    | 30    | 25    | 67            | 0.29          | 0.45          | 0.37          | 923          | 590           | 963                   |
| 331       | 0     | 0     | 19    | 31    | 25    | 68            | 0.28          | 0.45          | 0.36          | 919          | 590           | 959                   |
| 335       | 0     | 0     | 19    | 31    | 25    | 67            | 0.29          | 0.46          | 0.37          | 914          | 580           | 954                   |
| 338       | 0     | 0     | 20    | 31    | 24    | 67            | 0.30          | 0.47          | 0.37          | 903          | 580           | 942                   |
| F619350 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 47        | 0     | 0     | 15    | 20    | 17    | 50            | 0.31          | 0.40          | 0.34          | 818          | 500           | 854                   |
| 50        | 0     | 0     | 17    | 23    | 20    | 55            | 0.30          | 0.41          | 0.36          | 883          | 570           | 921                   |
| 54        | 0     | 0     | 17    | 22    | 20    | 56            | 0.30          | 0.40          | 0.35          | 883          | 570           | 921                   |
| 58        | 0     | 0     | 16    | 21    | 18    | 54            | 0.30          | 0.38          | 0.34          | 848          | 560           | 885                   |
| 61        | 0     | 0     | 17    | 21    | 20    | 57            | 0.29          | 0.37          | 0.35          | 888          | 560           | 927                   |
| 65        | 0     | 0     | 17    | 24    | 21    | 56            | 0.31          | 0.42          | 0.37          | 899          | 560           | 938                   |
| 68        | 0     | 0     | 15    | 18    | 16    | 51            | 0.30          | 0.35          | 0.31          | 769          | 560           | 802                   |
| 72        | 0     | 0     | 13    | 18    | 15    | 48            | 0.28          | 0.37          | 0.32          | 760          | 560           | 793                   |
| 76        | 0     | 0     | 16    | 23    | 20    | 59            | 0.28          | 0.39          | 0.34          | 890          | 560           | 929                   |
| 79        | 0     | 0     | 14    | 18    | 16    | 50            | 0.28          | 0.36          | 0.31          | 769          | 560           | 802                   |
| 83        | 0     | 0     | 16    | 20    | 17    | 57            | 0.28          | 0.35          | 0.30          | 827          | 560           | 863                   |
| 86        | 0     | 0     | 16    | 22    | 19    | 54            | 0.29          | 0.41          | 0.35          | 868          | 570           | 906                   |
| 90        | 0     | 0     | 17    | 26    | 22    | 60            | 0.29          | 0.44          | 0.37          | 916          | 570           | 956                   |
| 94        | 0     | 0     | 17    | 26    | 21    | 59            | 0.29          | 0.43          | 0.36          | 909          | 570           | 949                   |
| 97        | 0     | 0     | 18    | 26    | 21    | 60            | 0.30          | 0.44          | 0.35          | 904          | 570           | 943                   |
| 101       | 0     | 0     | 18    | 28    | 22    | 61            | 0.29          | 0.47          | 0.37          | 903          | 570           | 942                   |
| 104       | 0     | 0     | 18    | 27    | 22    | 62            | 0.29          | 0.44          | 0.36          | 910          | 570           | 950                   |
| 108       | 0     | 0     | 18    | 26    | 21    | 59            | 0.30          | 0.44          | 0.35          | 895          | 580           | 934                   |
| 112       | 0     | 0     | 17    | 26    | 21    | 59            | 0.29          | 0.43          | 0.36          | 906          | 580           | 945                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD 270/ 370/ 500/ |       |       | EST. | MEAS. | NORM. |      |
|-----------|-------|-------|-------|-------|-------|----------------------|-------|-------|------|-------|-------|------|
|           |       |       |       |       |       | BAND                 | BBAND | BBAND |      |       | BBAND | FEEL |
| 115       | 0     | 0     | 17    | 24    | 21    | 59                   | 0.29  | 0.42  | 0.35 | 902   | 580   | 941  |
| 119       | 0     | 0     | 18    | 26    | 21    | 60                   | 0.29  | 0.43  | 0.36 | 908   | 590   | 947  |
| 122       | 0     | 0     | 18    | 27    | 23    | 63                   | 0.28  | 0.43  | 0.36 | 927   | 640   | 967  |
| 126       | 0     | 0     | 18    | 26    | 21    | 59                   | 0.30  | 0.43  | 0.36 | 904   | 740   | 943  |
| 130       | 0     | 0     | 17    | 25    | 22    | 59                   | 0.29  | 0.43  | 0.37 | 913   | 800   | 953  |
| 133       | 0     | 0     | 16    | 23    | 20    | 61                   | 0.26  | 0.37  | 0.33 | 898   | 830   | 937  |
| 137       | 0     | 0     | 17    | 25    | 22    | 62                   | 0.27  | 0.40  | 0.35 | 919   | 820   | 959  |
| 140       | 0     | 0     | 17    | 25    | 22    | 60                   | 0.28  | 0.41  | 0.37 | 929   | 820   | 969  |
| 144       | 0     | 0     | 17    | 26    | 23    | 63                   | 0.27  | 0.42  | 0.37 | 935   | 800   | 976  |
| 148       | 0     | 0     | 17    | 28    | 24    | 64                   | 0.27  | 0.43  | 0.37 | 937   | 790   | 978  |
| 151       | 0     | 0     | 17    | 28    | 23    | 62                   | 0.28  | 0.45  | 0.37 | 915   | 790   | 955  |
| 155       | 0     | 0     | 17    | 26    | 22    | 60                   | 0.29  | 0.44  | 0.36 | 910   | 800   | 950  |
| 158       | 0     | 0     | 18    | 29    | 24    | 67                   | 0.27  | 0.43  | 0.36 | 930   | 820   | 970  |
| 162       | 0     | 0     | 18    | 29    | 25    | 68                   | 0.27  | 0.42  | 0.37 | 947   | 800   | 988  |
| 166       | 0     | 0     | 19    | 29    | 25    | 69                   | 0.27  | 0.43  | 0.36 | 942   | 800   | 983  |
| 169       | 0     | 0     | 18    | 29    | 24    | 66                   | 0.27  | 0.44  | 0.36 | 927   | 780   | 967  |
| 173       | 0     | 0     | 18    | 27    | 24    | 63                   | 0.28  | 0.43  | 0.37 | 937   | 690   | 978  |
| 176       | 0     | 0     | 17    | 26    | 23    | 60                   | 0.29  | 0.43  | 0.38 | 929   | 630   | 969  |
| 180       | 0     | 0     | 17    | 26    | 23    | 61                   | 0.28  | 0.43  | 0.37 | 926   | 590   | 966  |
| 184       | 0     | 0     | 17    | 26    | 22    | 62                   | 0.27  | 0.42  | 0.35 | 917   | 590   | 957  |
| 187       | 0     | 0     | 16    | 23    | 19    | 58                   | 0.27  | 0.39  | 0.33 | 878   | 590   | 916  |
| 191       | 0     | 0     | 16    | 24    | 21    | 62                   | 0.26  | 0.39  | 0.34 | 915   | 590   | 955  |
| 194       | 0     | 0     | 17    | 25    | 22    | 62                   | 0.27  | 0.40  | 0.35 | 922   | 590   | 962  |
| 198       | 0     | 0     | 16    | 24    | 21    | 61                   | 0.26  | 0.40  | 0.35 | 913   | 590   | 953  |
| 202       | 0     | 0     | 16    | 21    | 18    | 56                   | 0.29  | 0.38  | 0.32 | 843   | 600   | 880  |
| 205       | 0     | 0     | 17    | 23    | 19    | 55                   | 0.31  | 0.42  | 0.34 | 864   | 650   | 902  |
| 209       | 0     | 0     | 17    | 25    | 20    | 56                   | 0.30  | 0.44  | 0.36 | 890   | 720   | 929  |
| 212       | 0     | 0     | 15    | 19    | 16    | 52                   | 0.29  | 0.37  | 0.30 | 789   | 780   | 823  |
| 216       | 0     | 0     | 14    | 16    | 14    | 52                   | 0.27  | 0.31  | 0.27 | 712   | 850   | 743  |
| 220       | 0     | 0     | 15    | 19    | 17    | 55                   | 0.28  | 0.36  | 0.31 | 816   | 880   | 851  |
| 223       | 0     | 0     | 15    | 20    | 18    | 55                   | 0.27  | 0.37  | 0.32 | 834   | 870   | 870  |
| 227       | 0     | 0     | 16    | 20    | 18    | 57                   | 0.28  | 0.35  | 0.31 | 833   | 860   | 869  |
| 263       | 0     | 0     | 8     | 9     | 10    | 35                   | 0.24  | 0.25  | 0.28 | 457   | 640   | 477  |
| 266       | 0     | 0     | 10    | 10    | 10    | 39                   | 0.25  | 0.25  | 0.27 | 487   | 620   | 508  |
| 270       | 0     | 0     | 10    | 10    | 10    | 41                   | 0.24  | 0.24  | 0.25 | 479   | 620   | 500  |
| 274       | 0     | 0     | 12    | 11    | 12    | 46                   | 0.25  | 0.25  | 0.26 | 574   | 620   | 599  |
| 277       | 0     | 0     | 15    | 18    | 17    | 52                   | 0.28  | 0.34  | 0.32 | 800   | 630   | 835  |
| 281       | 0     | 0     | 15    | 19    | 17    | 54                   | 0.28  | 0.35  | 0.32 | 818   | 680   | 854  |
| 284       | 0     | 0     | 14    | 17    | 16    | 48                   | 0.30  | 0.35  | 0.32 | 757   | 720   | 790  |
| 288       | 0     | 0     | 15    | 21    | 18    | 52                   | 0.30  | 0.40  | 0.35 | 843   | 750   | 880  |
| 292       | 0     | 0     | 15    | 20    | 17    | 50                   | 0.30  | 0.40  | 0.34 | 818   | 730   | 854  |
| 295       | 0     | 0     | 12    | 15    | 13    | 43                   | 0.27  | 0.34  | 0.29 | 656   | 700   | 685  |
| F619351 : |       |       |       |       |       |                      |       |       |      |       |       |      |
| 43        | 0     | 0     | 13    | 16    | 13    | 43                   | 0.29  | 0.37  | 0.30 | 682   | 660   | 712  |
| 47        | 0     | 0     | 14    | 18    | 16    | 49                   | 0.30  | 0.37  | 0.32 | 776   | 650   | 810  |
| 50        | 0     | 0     | 14    | 16    | 14    | 49                   | 0.28  | 0.32  | 0.29 | 710   | 660   | 741  |
| 54        | 0     | 0     | 14    | 17    | 15    | 49                   | 0.29  | 0.35  | 0.32 | 755   | 700   | 788  |
| 270       | 0     | 0     | 10    | 12    | 12    | 43                   | 0.24  | 0.28  | 0.27 | 582   | 480   | 607  |
| 274       | 0     | 0     | 10    | 15    | 12    | 42                   | 0.25  | 0.35  | 0.30 | 646   | 490   | 674  |
| 277       | 0     | 0     | 11    | 16    | 14    | 45                   | 0.25  | 0.35  | 0.30 | 695   | 490   | 725  |
| 281       | 0     | 0     | 5     | 7     | 7     | 28                   | 0.18  | 0.26  | 0.26 | 328   | 500   | 342  |
| 284       | 0     | 0     | 10    | 11    | 11    | 41                   | 0.23  | 0.27  | 0.27 | 539   | 510   | 562  |
| 288       | 0     | 0     | 12    | 12    | 12    | 46                   | 0.25  | 0.27  | 0.27 | 596   | 520   | 622  |
| 292       | 0     | 0     | 13    | 14    | 14    | 51                   | 0.26  | 0.28  | 0.28 | 685   | 520   | 715  |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 295       | 0     | 0     | 13    | 14    | 14    | 50            | 0.26          | 0.27          | 0.27          | 663          | 540           | 692                   |
| 299       | 0     | 0     | 13    | 15    | 16    | 55            | 0.25          | 0.27          | 0.28          | 728          | 540           | 760                   |
| 302       | 0     | 0     | 11    | 13    | 13    | 45            | 0.24          | 0.29          | 0.28          | 623          | 560           | 650                   |
| 306       | 0     | 0     | 12    | 13    | 13    | 47            | 0.25          | 0.28          | 0.28          | 637          | 560           | 665                   |
| 310       | 0     | 0     | 11    | 13    | 12    | 47            | 0.25          | 0.28          | 0.26          | 611          | 600           | 638                   |
| 313       | 0     | 0     | 9     | 11    | 10    | 39            | 0.22          | 0.28          | 0.26          | 509          | 600           | 531                   |
| 317       | 0     | 0     | 8     | 10    | 10    | 37            | 0.21          | 0.27          | 0.27          | 492          | 600           | 513                   |
| 320       | 0     | 0     | 12    | 14    | 13    | 51            | 0.24          | 0.28          | 0.27          | 663          | 600           | 692                   |
| 324       | 0     | 0     | 12    | 13    | 13    | 49            | 0.25          | 0.26          | 0.27          | 626          | 600           | 653                   |
| 328       | 0     | 0     | 14    | 16    | 15    | 54            | 0.26          | 0.29          | 0.28          | 730          | 600           | 762                   |
| 331       | 0     | 0     | 14    | 17    | 15    | 55            | 0.26          | 0.30          | 0.28          | 752          | 600           | 785                   |
| 335       | 0     | 0     | 14    | 15    | 14    | 57            | 0.25          | 0.26          | 0.25          | 701          | 590           | 731                   |
| 338       | 0     | 0     | 14    | 17    | 16    | 55            | 0.26          | 0.30          | 0.29          | 770          | 590           | 803                   |
| 342       | 0     | 0     | 14    | 15    | 15    | 52            | 0.27          | 0.29          | 0.29          | 713          | 600           | 744                   |
| 346       | 0     | 0     | 15    | 18    | 16    | 51            | 0.29          | 0.35          | 0.31          | 767          | 600           | 800                   |
| 349       | 0     | 0     | 13    | 15    | 15    | 49            | 0.26          | 0.31          | 0.31          | 717          | 590           | 748                   |
| 353       | 0     | 0     | 11    | 13    | 13    | 47            | 0.23          | 0.28          | 0.28          | 634          | 590           | 662                   |
| F619354 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 32        | 0     | 0     | 9     | 12    | 11    | 37            | 0.25          | 0.34          | 0.29          | 556          | 550           | 580                   |
| 36        | 0     | 0     | 9     | 12    | 11    | 37            | 0.25          | 0.34          | 0.29          | 563          | 630           | 587                   |
| 40        | 0     | 0     | 10    | 13    | 11    | 39            | 0.26          | 0.35          | 0.29          | 596          | 660           | 622                   |
| 43        | 0     | 0     | 9     | 12    | 10    | 33            | 0.27          | 0.37          | 0.30          | 545          | 660           | 569                   |
| 47        | 0     | 0     | 10    | 13    | 10    | 36            | 0.27          | 0.35          | 0.29          | 557          | 660           | 581                   |
| 50        | 0     | 0     | 10    | 13    | 11    | 35            | 0.28          | 0.37          | 0.30          | 570          | 660           | 595                   |
| 54        | 0     | 0     | 9     | 12    | 10    | 38            | 0.24          | 0.31          | 0.27          | 540          | 650           | 563                   |
| 58        | 0     | 0     | 3     | 7     | 7     | 23            | 0.15          | 0.31          | 0.29          | 314          | 630           | 328                   |
| 61        | 0     | 0     | 9     | 10    | 10    | 41            | 0.21          | 0.25          | 0.25          | 491          | 620           | 512                   |
| 65        | 0     | 0     | 9     | 11    | 10    | 42            | 0.21          | 0.25          | 0.25          | 510          | 620           | 532                   |
| 68        | 0     | 0     | 9     | 11    | 11    | 46            | 0.20          | 0.25          | 0.23          | 529          | 600           | 552                   |
| 72        | 0     | 0     | 6     | 9     | 8     | 33            | 0.19          | 0.29          | 0.25          | 420          | 600           | 438                   |
| 76        | 0     | 0     | 6     | 10    | 8     | 34            | 0.18          | 0.28          | 0.25          | 429          | 580           | 448                   |
| 79        | 0     | 0     | 9     | 11    | 10    | 43            | 0.21          | 0.26          | 0.24          | 514          | 590           | 536                   |
| 83        | 0     | 0     | 5     | 9     | 7     | 31            | 0.17          | 0.30          | 0.24          | 383          | 590           | 400                   |
| 86        | 0     | 0     | 7     | 10    | 9     | 35            | 0.19          | 0.30          | 0.26          | 459          | 600           | 479                   |
| 90        | 0     | 0     | 6     | 10    | 8     | 31            | 0.20          | 0.31          | 0.27          | 426          | 590           | 445                   |
| 140       | 0     | 0     | 7     | 10    | 9     | 33            | 0.20          | 0.29          | 0.26          | 433          | 740           | 452                   |
| 144       | 0     | 0     | 8     | 11    | 10    | 35            | 0.23          | 0.31          | 0.28          | 499          | 750           | 521                   |
| 148       | 0     | 0     | 5     | 9     | 8     | 29            | 0.17          | 0.29          | 0.26          | 379          | 760           | 395                   |
| 151       | 0     | 0     | 4     | 7     | 6     | 25            | 0.16          | 0.30          | 0.26          | 311          | 740           | 325                   |
| 155       | 0     | 0     | 5     | 8     | 7     | 29            | 0.17          | 0.26          | 0.24          | 318          | 740           | 332                   |
| 158       | 0     | 0     | 8     | 10    | 9     | 37            | 0.23          | 0.27          | 0.24          | 447          | 740           | 466                   |
| 162       | 0     | 0     | 6     | 8     | 8     | 33            | 0.20          | 0.26          | 0.23          | 368          | 740           | 384                   |
| 166       | 0     | 0     | 2     | 5     | 4     | 17            | 0.12          | 0.28          | 0.24          | 154          | 740           | 161                   |
| 169       | 0     | 0     | 5     | 8     | 7     | 27            | 0.18          | 0.28          | 0.26          | 333          | 740           | 347                   |
| 173       | 0     | 0     | 4     | 7     | 6     | 24            | 0.16          | 0.30          | 0.26          | 294          | 720           | 307                   |
| 176       | 0     | 0     | 4     | 8     | 6     | 23            | 0.17          | 0.34          | 0.28          | 327          | 720           | 341                   |
| 180       | 0     | 0     | 6     | 8     | 7     | 33            | 0.19          | 0.25          | 0.22          | 339          | 700           | 354                   |
| 184       | 0     | 0     | 5     | 8     | 7     | 26            | 0.19          | 0.31          | 0.26          | 341          | 700           | 356                   |
| 187       | 0     | 0     | 3     | 7     | 6     | 22            | 0.15          | 0.32          | 0.26          | 271          | 700           | 283                   |
| 191       | 0     | 0     | 4     | 7     | 6     | 23            | 0.16          | 0.32          | 0.26          | 284          | 700           | 296                   |
| 194       | 1     | 0     | 3     | 7     | 6     | 21            | 0.15          | 0.33          | 0.26          | 274          | 690           | 286                   |
| 198       | 0     | 0     | 4     | 7     | 6     | 22            | 0.17          | 0.33          | 0.27          | 292          | 700           | 305                   |
| 202       | 0     | 0     | 3     | 7     | 6     | 22            | 0.16          | 0.30          | 0.26          | 266          | 710           | 278                   |
| 205       | 0     | 0     | 8     | 10    | 9     | 38            | 0.21          | 0.25          | 0.24          | 444          | 720           | 463                   |

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| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD BAND | 270/ BBAND | 370/ BBAND | 500/ BBAND | EST. PEEL | MEAS. PEEL | NORM. EST. PEEL |
|-----------|-------|-------|-------|-------|-------|------------|------------|------------|------------|-----------|------------|-----------------|
| 209       | 0     | 0     | 6     | 9     | 9     | 32         | 0.18       | 0.27       | 0.26       | 409       | 720        | 427             |
| 212       | 0     | 0     | 7     | 9     | 9     | 37         | 0.19       | 0.26       | 0.24       | 437       | 720        | 456             |
| 216       | 0     | 0     | 10    | 12    | 11    | 45         | 0.22       | 0.26       | 0.24       | 557       | 720        | 581             |
| 220       | 0     | 0     | 9     | 11    | 10    | 43         | 0.21       | 0.26       | 0.24       | 515       | 720        | 537             |
| 223       | 0     | 0     | 9     | 12    | 10    | 45         | 0.21       | 0.26       | 0.23       | 532       | 730        | 555             |
| 227       | 0     | 0     | 8     | 10    | 9     | 39         | 0.21       | 0.26       | 0.23       | 459       | 750        | 479             |
| 230       | 0     | 0     | 10    | 12    | 10    | 44         | 0.23       | 0.27       | 0.23       | 531       | 770        | 554             |
| 234       | 0     | 0     | 8     | 11    | 10    | 43         | 0.19       | 0.26       | 0.23       | 507       | 810        | 529             |
| 238       | 0     | 0     | 4     | 9     | 7     | 29         | 0.16       | 0.30       | 0.24       | 347       | 830        | 362             |
| 313       | 0     | 0     | 9     | 11    | 9     | 36         | 0.24       | 0.30       | 0.26       | 485       | 640        | 506             |
| 317       | 0     | 0     | 9     | 12    | 10    | 34         | 0.26       | 0.36       | 0.29       | 527       | 620        | 550             |
| 320       | 0     | 0     | 10    | 13    | 11    | 38         | 0.27       | 0.35       | 0.28       | 571       | 620        | 596             |
| 324       | 0     | 0     | 11    | 15    | 11    | 41         | 0.27       | 0.36       | 0.28       | 619       | 620        | 646             |
| 328       | 0     | 0     | 12    | 15    | 12    | 46         | 0.27       | 0.34       | 0.27       | 650       | 610        | 678             |
| 331       | 0     | 0     | 11    | 14    | 11    | 42         | 0.26       | 0.32       | 0.26       | 583       | 610        | 608             |
| 335       | 0     | 0     | 13    | 15    | 11    | 49         | 0.25       | 0.30       | 0.23       | 620       | 610        | 647             |
| 338       | 0     | 0     | 14    | 16    | 13    | 51         | 0.28       | 0.31       | 0.25       | 669       | 600        | 698             |
| 342       | 0     | 0     | 14    | 17    | 13    | 48         | 0.28       | 0.34       | 0.26       | 674       | 600        | 703             |
| 346       | 0     | 0     | 12    | 15    | 11    | 45         | 0.26       | 0.33       | 0.25       | 611       | 600        | 638             |
| F619378 : |       |       |       |       |       |            |            |            |            |           |            |                 |
| 43        | 0     | 0     | 8     | 12    | 9     | 44         | 0.17       | 0.27       | 0.21       | 500       | 530        | 522             |
| 47        | 0     | 0     | 11    | 14    | 11    | 46         | 0.25       | 0.30       | 0.23       | 580       | 530        | 605             |
| 50        | 0     | 0     | 8     | 11    | 8     | 34         | 0.24       | 0.32       | 0.25       | 451       | 530        | 471             |
| 54        | 0     | 0     | 10    | 12    | 10    | 42         | 0.23       | 0.29       | 0.24       | 536       | 520        | 559             |
| 58        | 0     | 0     | 10    | 12    | 11    | 47         | 0.21       | 0.26       | 0.23       | 557       | 520        | 581             |
| 61        | 0     | 0     | 11    | 14    | 11    | 48         | 0.22       | 0.29       | 0.22       | 582       | 520        | 607             |
| 65        | 0     | 0     | 11    | 14    | 11    | 47         | 0.24       | 0.30       | 0.24       | 599       | 520        | 625             |
| 68        | 0     | 0     | 10    | 13    | 11    | 48         | 0.21       | 0.27       | 0.22       | 570       | 520        | 595             |
| 72        | 0     | 0     | 8     | 12    | 10    | 45         | 0.18       | 0.27       | 0.22       | 537       | 520        | 560             |
| 76        | 0     | 0     | 7     | 12    | 10    | 40         | 0.17       | 0.30       | 0.24       | 521       | 520        | 544             |
| 79        | 0     | 0     | 6     | 11    | 9     | 38         | 0.17       | 0.29       | 0.24       | 472       | 520        | 493             |
| 83        | 0     | 0     | 7     | 11    | 9     | 42         | 0.16       | 0.27       | 0.22       | 496       | 520        | 518             |
| 86        | 0     | 0     | 7     | 11    | 9     | 38         | 0.19       | 0.29       | 0.24       | 479       | 520        | 500             |
| 90        | 0     | 0     | 8     | 11    | 10    | 41         | 0.19       | 0.27       | 0.24       | 499       | 520        | 521             |
| 94        | 0     | 0     | 8     | 11    | 10    | 42         | 0.19       | 0.27       | 0.23       | 505       | 520        | 527             |
| 97        | 0     | 0     | 8     | 12    | 9     | 41         | 0.20       | 0.28       | 0.23       | 502       | 530        | 524             |
| 101       | 0     | 0     | 10    | 13    | 10    | 48         | 0.21       | 0.27       | 0.22       | 565       | 550        | 590             |
| 104       | 0     | 0     | 10    | 13    | 10    | 45         | 0.22       | 0.29       | 0.23       | 550       | 610        | 574             |
| 108       | 0     | 0     | 12    | 14    | 11    | 51         | 0.23       | 0.28       | 0.22       | 614       | 680        | 641             |
| 112       | 0     | 0     | 12    | 15    | 12    | 53         | 0.22       | 0.28       | 0.23       | 641       | 730        | 669             |
| 115       | 0     | 0     | 12    | 15    | 12    | 50         | 0.24       | 0.30       | 0.24       | 649       | 730        | 677             |
| 119       | 0     | 0     | 10    | 13    | 10    | 39         | 0.25       | 0.33       | 0.26       | 548       | 740        | 572             |
| 122       | 0     | 0     | 9     | 13    | 10    | 36         | 0.25       | 0.35       | 0.27       | 544       | 730        | 568             |
| 126       | 0     | 0     | 10    | 13    | 11    | 43         | 0.25       | 0.31       | 0.25       | 574       | 720        | 599             |
| 130       | 0     | 0     | 10    | 14    | 11    | 42         | 0.24       | 0.32       | 0.26       | 587       | 690        | 613             |
| 133       | 0     | 0     | 10    | 13    | 11    | 43         | 0.23       | 0.30       | 0.25       | 575       | 650        | 600             |
| 137       | 0     | 0     | 10    | 13    | 11    | 46         | 0.21       | 0.28       | 0.23       | 567       | 600        | 592             |
| 140       | 0     | 0     | 9     | 13    | 11    | 39         | 0.24       | 0.32       | 0.28       | 570       | 590        | 595             |
| 144       | 0     | 0     | 9     | 13    | 11    | 37         | 0.25       | 0.34       | 0.28       | 563       | 580        | 587             |
| 148       | 0     | 0     | 8     | 12    | 9     | 33         | 0.25       | 0.35       | 0.28       | 509       | 580        | 531             |
| 151       | 0     | 0     | 7     | 11    | 9     | 35         | 0.20       | 0.30       | 0.25       | 462       | 580        | 482             |
| 155       | 0     | 0     | 9     | 12    | 10    | 34         | 0.26       | 0.35       | 0.30       | 547       | 560        | 571             |
| 158       | 0     | 0     | 9     | 11    | 9     | 32         | 0.27       | 0.35       | 0.28       | 481       | 570        | 502             |
| 162       | 0     | 0     | 9     | 13    | 10    | 37         | 0.24       | 0.34       | 0.28       | 550       | 580        | 574             |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 166       | 0     | 0     | 9     | 13    | 11    | 37            | 0.25          | 0.35          | 0.29          | 581          | 550           | 606                   |
| 169       | 0     | 0     | 10    | 13    | 11    | 37            | 0.26          | 0.35          | 0.29          | 579          | 560           | 604                   |
| 173       | 0     | 0     | 9     | 12    | 10    | 35            | 0.25          | 0.35          | 0.29          | 544          | 570           | 568                   |
| 176       | 0     | 0     | 10    | 13    | 11    | 40            | 0.25          | 0.33          | 0.28          | 577          | 580           | 602                   |
| 180       | 0     | 0     | 11    | 14    | 11    | 43            | 0.26          | 0.32          | 0.27          | 604          | 600           | 630                   |
| F619408 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 47        | 0     | 0     | 10    | 12    | 10    | 35            | 0.27          | 0.35          | 0.29          | 540          | 550           | 563                   |
| 50        | 0     | 0     | 8     | 11    | 8     | 32            | 0.26          | 0.34          | 0.26          | 448          | 550           | 467                   |
| 54        | 0     | 0     | 10    | 12    | 10    | 38            | 0.26          | 0.31          | 0.27          | 532          | 560           | 555                   |
| 58        | 0     | 0     | 10    | 12    | 10    | 44            | 0.23          | 0.27          | 0.23          | 533          | 560           | 556                   |
| 61        | 0     | 0     | 5     | 9     | 8     | 31            | 0.15          | 0.28          | 0.25          | 383          | 560           | 400                   |
| 65        | 0     | 0     | 11    | 13    | 11    | 45            | 0.25          | 0.30          | 0.25          | 593          | 560           | 619                   |
| 68        | 0     | 0     | 12    | 14    | 12    | 46            | 0.27          | 0.30          | 0.26          | 616          | 640           | 643                   |
| 72        | 0     | 0     | 12    | 14    | 13    | 47            | 0.26          | 0.31          | 0.27          | 649          | 720           | 677                   |
| 76        | 0     | 0     | 11    | 14    | 12    | 43            | 0.26          | 0.33          | 0.28          | 634          | 750           | 662                   |
| 79        | 0     | 0     | 12    | 15    | 13    | 46            | 0.27          | 0.32          | 0.27          | 651          | 750           | 679                   |
| 83        | 0     | 0     | 11    | 14    | 12    | 40            | 0.27          | 0.36          | 0.29          | 620          | 790           | 647                   |
| 86        | 0     | 0     | 14    | 15    | 13    | 48            | 0.29          | 0.32          | 0.27          | 673          | 810           | 702                   |
| 90        | 0     | 0     | 15    | 16    | 13    | 52            | 0.28          | 0.30          | 0.25          | 685          | 810           | 715                   |
| 94        | 0     | 0     | 13    | 15    | 12    | 46            | 0.27          | 0.32          | 0.27          | 645          | 780           | 673                   |
| 97        | 0     | 0     | 4     | 8     | 7     | 28            | 0.16          | 0.28          | 0.26          | 345          | 770           | 360                   |
| 101       | 0     | 0     | 10    | 12    | 11    | 47            | 0.22          | 0.25          | 0.23          | 559          | 760           | 583                   |
| 104       | 0     | 0     | 13    | 13    | 12    | 52            | 0.24          | 0.24          | 0.23          | 605          | 740           | 631                   |
| 108       | 0     | 0     | 15    | 16    | 14    | 51            | 0.29          | 0.31          | 0.28          | 714          | 700           | 745                   |
| 112       | 0     | 0     | 14    | 16    | 14    | 50            | 0.28          | 0.32          | 0.28          | 706          | 660           | 737                   |
| 115       | 0     | 0     | 13    | 15    | 13    | 45            | 0.28          | 0.33          | 0.30          | 675          | 660           | 704                   |
| 119       | 0     | 0     | 15    | 17    | 15    | 48            | 0.31          | 0.35          | 0.31          | 744          | 670           | 776                   |
| 122       | 0     | 0     | 13    | 16    | 14    | 42            | 0.30          | 0.37          | 0.33          | 703          | 650           | 734                   |
| 126       | 0     | 0     | 13    | 16    | 14    | 46            | 0.29          | 0.36          | 0.32          | 722          | 650           | 753                   |
| 130       | 0     | 0     | 11    | 14    | 12    | 50            | 0.21          | 0.28          | 0.25          | 638          | 640           | 666                   |
| 133       | 0     | 0     | 4     | 8     | 7     | 26            | 0.17          | 0.32          | 0.27          | 358          | 640           | 374                   |
| 137       | 0     | 0     | 10    | 13    | 11    | 41            | 0.24          | 0.32          | 0.28          | 592          | 640           | 618                   |
| 140       | 0     | 0     | 12    | 15    | 13    | 45            | 0.27          | 0.34          | 0.29          | 669          | 660           | 698                   |
| 144       | 0     | 0     | 12    | 14    | 14    | 47            | 0.26          | 0.30          | 0.29          | 666          | 700           | 695                   |
| 148       | 0     | 0     | 16    | 17    | 15    | 53            | 0.29          | 0.33          | 0.28          | 741          | 750           | 773                   |
| 151       | 0     | 0     | 12    | 14    | 14    | 52            | 0.24          | 0.26          | 0.26          | 662          | 780           | 691                   |
| 155       | 0     | 0     | 14    | 14    | 13    | 48            | 0.28          | 0.29          | 0.27          | 653          | 770           | 681                   |
| 158       | 0     | 0     | 14    | 15    | 14    | 51            | 0.27          | 0.29          | 0.27          | 688          | 760           | 718                   |
| 162       | 0     | 0     | 12    | 14    | 13    | 54            | 0.23          | 0.25          | 0.23          | 642          | 750           | 670                   |
| 166       | 0     | 0     | 11    | 12    | 11    | 49            | 0.23          | 0.25          | 0.24          | 582          | 750           | 607                   |
| 169       | 0     | 0     | 5     | 8     | 8     | 29            | 0.17          | 0.27          | 0.26          | 359          | 740           | 375                   |
| 173       | 0     | 0     | 4     | 8     | 7     | 27            | 0.15          | 0.29          | 0.27          | 349          | 740           | 364                   |
| 176       | 0     | 0     | 4     | 8     | 8     | 30            | 0.15          | 0.28          | 0.26          | 372          | 700           | 388                   |
| 180       | 0     | 0     | 5     | 9     | 8     | 31            | 0.16          | 0.27          | 0.26          | 395          | 680           | 412                   |
| 184       | 0     | 0     | 8     | 10    | 10    | 40            | 0.19          | 0.25          | 0.24          | 476          | 660           | 497                   |
| 187       | 0     | 0     | 6     | 10    | 9     | 35            | 0.18          | 0.29          | 0.26          | 461          | 640           | 481                   |
| 191       | 0     | 0     | 5     | 9     | 8     | 30            | 0.16          | 0.30          | 0.27          | 400          | 640           | 417                   |
| 194       | 0     | 0     | 6     | 9     | 9     | 33            | 0.17          | 0.28          | 0.27          | 444          | 640           | 463                   |
| 198       | 0     | 0     | 5     | 10    | 9     | 34            | 0.16          | 0.30          | 0.26          | 448          | 640           | 467                   |
| 202       | 0     | 0     | 4     | 9     | 8     | 30            | 0.15          | 0.30          | 0.27          | 405          | 630           | 423                   |
| 205       | 3     | 0     | 3     | 6     | 6     | 19            | 0.15          | 0.31          | 0.28          | 255          | 630           | 266                   |
| 209       | 0     | 0     | 4     | 8     | 8     | 27            | 0.13          | 0.30          | 0.27          | 366          | 630           | 382                   |
| 212       | 0     | 0     | 4     | 9     | 7     | 28            | 0.14          | 0.31          | 0.26          | 364          | 630           | 380                   |
| 216       | 0     | 0     | 4     | 8     | 7     | 30            | 0.14          | 0.27          | 0.25          | 351          | 630           | 366                   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD 270/ 370/ 500/ |       |       |       | EST. | MEAS. | NORM. |
|-----------|-------|-------|-------|-------|-------|----------------------|-------|-------|-------|------|-------|-------|
|           |       |       |       |       |       | BAND                 | BBAND | BBAND | BBAND | FEEL | FEEL  | FEEL  |
| 220       | 0     | 0     | 4     | 8     | 7     | 27                   | 0.14  | 0.29  | 0.25  | 329  | 630   | 343   |
| 223       | 0     | 0     | 9     | 12    | 11    | 38                   | 0.24  | 0.30  | 0.27  | 537  | 630   | 560   |
| 227       | 0     | 0     | 7     | 9     | 9     | 36                   | 0.19  | 0.26  | 0.25  | 433  | 630   | 452   |
| 230       | 0     | 0     | 8     | 11    | 9     | 37                   | 0.22  | 0.29  | 0.25  | 478  | 630   | 499   |
| 234       | 0     | 0     | 10    | 11    | 10    | 41                   | 0.23  | 0.27  | 0.23  | 502  | 640   | 524   |
| 238       | 0     | 0     | 8     | 10    | 9     | 35                   | 0.22  | 0.29  | 0.24  | 448  | 650   | 467   |
| 241       | 0     | 0     | 5     | 9     | 8     | 30                   | 0.17  | 0.30  | 0.27  | 411  | 660   | 429   |
| 245       | 0     | 0     | 8     | 11    | 11    | 42                   | 0.19  | 0.27  | 0.26  | 536  | 670   | 559   |
| 248       | 0     | 0     | 9     | 10    | 10    | 40                   | 0.22  | 0.26  | 0.25  | 497  | 680   | 519   |
| 252       | 0     | 0     | 12    | 12    | 12    | 52                   | 0.23  | 0.23  | 0.22  | 584  | 710   | 609   |
| 256       | 0     | 0     | 12    | 13    | 12    | 54                   | 0.23  | 0.24  | 0.21  | 602  | 710   | 628   |
| 259       | 0     | 0     | 12    | 13    | 12    | 50                   | 0.25  | 0.26  | 0.24  | 617  | 710   | 644   |
| 263       | 0     | 0     | 13    | 16    | 14    | 46                   | 0.28  | 0.35  | 0.30  | 702  | 710   | 733   |
| 266       | 0     | 0     | 12    | 15    | 12    | 42                   | 0.29  | 0.35  | 0.29  | 646  | 720   | 674   |
| 270       | 0     | 0     | 13    | 17    | 14    | 48                   | 0.26  | 0.36  | 0.29  | 720  | 740   | 751   |
| F620021 : |       |       |       |       |       |                      |       |       |       |      |       |       |
| 32        | 0     | 0     | 13    | 15    | 13    | 49                   | 0.27  | 0.30  | 0.26  | 658  | 660   | 687   |
| 36        | 0     | 0     | 9     | 12    | 10    | 36                   | 0.27  | 0.33  | 0.28  | 525  | 840   | 548   |
| 40        | 0     | 0     | 12    | 14    | 12    | 46                   | 0.27  | 0.30  | 0.26  | 614  | 660   | 641   |
| 43        | 0     | 0     | 11    | 14    | 11    | 41                   | 0.27  | 0.33  | 0.27  | 598  | 610   | 624   |
| 47        | 0     | 0     | 9     | 12    | 10    | 34                   | 0.26  | 0.34  | 0.28  | 516  | 610   | 538   |
| 50        | 0     | 0     | 11    | 13    | 12    | 42                   | 0.26  | 0.31  | 0.27  | 594  | 630   | 620   |
| 54        | 0     | 0     | 11    | 12    | 11    | 39                   | 0.28  | 0.32  | 0.27  | 555  | 650   | 579   |
| 58        | 0     | 0     | 12    | 12    | 11    | 44                   | 0.28  | 0.28  | 0.25  | 561  | 710   | 585   |
| 61        | 0     | 0     | 9     | 10    | 9     | 34                   | 0.26  | 0.29  | 0.27  | 462  | 760   | 482   |
| 65        | 0     | 0     | 8     | 9     | 9     | 36                   | 0.22  | 0.25  | 0.25  | 435  | 790   | 454   |
| 68        | 0     | 0     | 9     | 10    | 10    | 38                   | 0.23  | 0.26  | 0.25  | 469  | 810   | 489   |
| 72        | 0     | 0     | 8     | 10    | 8     | 32                   | 0.26  | 0.30  | 0.27  | 428  | 820   | 447   |
| 76        | 0     | 0     | 10    | 12    | 10    | 37                   | 0.26  | 0.33  | 0.28  | 547  | 820   | 571   |
| 79        | 0     | 0     | 8     | 10    | 9     | 36                   | 0.22  | 0.27  | 0.25  | 438  | 820   | 457   |
| 83        | 0     | 0     | 5     | 8     | 7     | 28                   | 0.17  | 0.29  | 0.26  | 358  | 790   | 374   |
| 86        | 0     | 0     | 10    | 13    | 11    | 41                   | 0.24  | 0.30  | 0.25  | 554  | 710   | 578   |
| 90        | 0     | 0     | 8     | 10    | 9     | 36                   | 0.23  | 0.27  | 0.25  | 440  | 670   | 459   |
| 94        | 0     | 0     | 9     | 11    | 10    | 39                   | 0.23  | 0.27  | 0.25  | 489  | 600   | 510   |
| 97        | 0     | 0     | 9     | 11    | 10    | 40                   | 0.24  | 0.27  | 0.25  | 491  | 570   | 512   |
| 101       | 0     | 0     | 7     | 9     | 9     | 35                   | 0.20  | 0.27  | 0.25  | 425  | 540   | 443   |
| 104       | 0     | 0     | 5     | 8     | 7     | 29                   | 0.16  | 0.28  | 0.26  | 357  | 520   | 373   |
| 108       | 0     | 0     | 4     | 8     | 7     | 27                   | 0.16  | 0.29  | 0.26  | 345  | 520   | 360   |
| 112       | 0     | 0     | 5     | 8     | 8     | 28                   | 0.17  | 0.29  | 0.27  | 372  | 520   | 388   |
| 115       | 0     | 0     | 5     | 8     | 8     | 28                   | 0.18  | 0.29  | 0.27  | 378  | 520   | 394   |
| 119       | 0     | 0     | 4     | 7     | 7     | 25                   | 0.15  | 0.29  | 0.28  | 319  | 520   | 333   |
| 122       | 0     | 0     | 4     | 8     | 7     | 26                   | 0.16  | 0.28  | 0.27  | 333  | 520   | 347   |
| 126       | 0     | 0     | 7     | 9     | 9     | 36                   | 0.20  | 0.26  | 0.26  | 441  | 520   | 460   |
| 130       | 0     | 0     | 6     | 9     | 9     | 34                   | 0.18  | 0.27  | 0.25  | 422  | 540   | 440   |
| 133       | 0     | 0     | 5     | 8     | 7     | 32                   | 0.16  | 0.26  | 0.23  | 351  | 540   | 366   |
| 137       | 0     | 0     | 11    | 10    | 11    | 46                   | 0.24  | 0.23  | 0.24  | 522  | 580   | 545   |
| 140       | 0     | 0     | 9     | 9     | 9     | 40                   | 0.23  | 0.23  | 0.24  | 446  | 540   | 465   |
| 144       | 0     | 0     | 6     | 9     | 8     | 32                   | 0.20  | 0.27  | 0.26  | 399  | 620   | 416   |
| 148       | 0     | 0     | 9     | 10    | 9     | 39                   | 0.22  | 0.26  | 0.23  | 456  | 690   | 476   |
| 151       | 0     | 0     | 9     | 10    | 9     | 38                   | 0.24  | 0.27  | 0.24  | 460  | 780   | 480   |
| 155       | 0     | 0     | 9     | 10    | 9     | 34                   | 0.26  | 0.30  | 0.26  | 450  | 800   | 470   |
| 158       | 0     | 0     | 9     | 12    | 10    | 35                   | 0.27  | 0.34  | 0.29  | 528  | 850   | 551   |
| 162       | 0     | 0     | 10    | 12    | 10    | 39                   | 0.26  | 0.31  | 0.26  | 533  | 860   | 556   |
| 166       | 0     | 0     | 11    | 13    | 11    | 42                   | 0.25  | 0.30  | 0.26  | 571  | 880   | 596   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 169       | 0     | 0     | 10    | 13    | 11    | 37            | 0.26          | 0.34          | 0.29          | 557          | 890           | 581                   |
| 173       | 0     | 0     | 9     | 11    | 10    | 34            | 0.25          | 0.32          | 0.28          | 494          | 900           | 515                   |
| 176       | 0     | 0     | 6     | 8     | 8     | 30            | 0.20          | 0.27          | 0.27          | 394          | 900           | 411                   |
| 180       | 0     | 0     | 9     | 10    | 9     | 32            | 0.28          | 0.31          | 0.28          | 458          | 890           | 478                   |
| 184       | 0     | 0     | 9     | 11    | 10    | 33            | 0.28          | 0.33          | 0.29          | 500          | 880           | 522                   |
| 187       | 0     | 0     | 11    | 12    | 11    | 39            | 0.27          | 0.31          | 0.28          | 552          | 880           | 576                   |
| 191       | 0     | 0     | 13    | 13    | 12    | 48            | 0.27          | 0.27          | 0.25          | 609          | 870           | 635                   |
| 194       | 0     | 0     | 13    | 13    | 12    | 49            | 0.27          | 0.27          | 0.25          | 623          | 860           | 650                   |
| 198       | 0     | 0     | 12    | 13    | 12    | 47            | 0.26          | 0.28          | 0.26          | 614          | 840           | 641                   |
| 202       | 0     | 0     | 9     | 12    | 10    | 35            | 0.26          | 0.33          | 0.29          | 531          | 820           | 554                   |
| 205       | 0     | 0     | 9     | 12    | 11    | 37            | 0.26          | 0.33          | 0.29          | 550          | 800           | 574                   |
| 209       | 0     | 0     | 8     | 11    | 10    | 35            | 0.25          | 0.33          | 0.28          | 506          | 770           | 528                   |
| 212       | 0     | 0     | 6     | 8     | 8     | 31            | 0.19          | 0.26          | 0.25          | 365          | 750           | 381                   |
| 216       | 0     | 0     | 8     | 10    | 8     | 30            | 0.27          | 0.33          | 0.28          | 437          | 700           | 456                   |
| 220       | 0     | 0     | 8     | 10    | 9     | 29            | 0.27          | 0.35          | 0.30          | 470          | 680           | 490                   |
| 223       | 0     | 0     | 9     | 11    | 10    | 34            | 0.26          | 0.33          | 0.29          | 516          | 680           | 538                   |
| 227       | 0     | 0     | 13    | 14    | 12    | 49            | 0.27          | 0.28          | 0.25          | 627          | 670           | 654                   |
| 230       | 0     | 0     | 11    | 13    | 11    | 41            | 0.27          | 0.32          | 0.27          | 582          | 670           | 607                   |
| 234       | 0     | 0     | 11    | 13    | 12    | 40            | 0.27          | 0.32          | 0.29          | 591          | 660           | 617                   |
| 238       | 0     | 0     | 10    | 12    | 11    | 37            | 0.26          | 0.33          | 0.29          | 570          | 650           | 595                   |
| 241       | 0     | 0     | 10    | 13    | 11    | 38            | 0.26          | 0.34          | 0.30          | 583          | 640           | 608                   |
| 245       | 0     | 0     | 10    | 13    | 11    | 40            | 0.26          | 0.32          | 0.29          | 577          | 630           | 602                   |
| 248       | 0     | 0     | 8     | 9     | 9     | 37            | 0.22          | 0.23          | 0.24          | 413          | 610           | 431                   |
| 252       | 0     | 0     | 12    | 10    | 11    | 44            | 0.27          | 0.24          | 0.24          | 504          | 590           | 526                   |
| 256       | 0     | 0     | 10    | 10    | 10    | 37            | 0.29          | 0.28          | 0.27          | 494          | 580           | 515                   |
| 259       | 0     | 0     | 13    | 11    | 11    | 44            | 0.29          | 0.24          | 0.24          | 521          | 560           | 544                   |
| 263       | 0     | 0     | 13    | 11    | 11    | 44            | 0.31          | 0.26          | 0.25          | 545          | 560           | 569                   |
| 266       | 0     | 0     | 14    | 12    | 11    | 45            | 0.30          | 0.27          | 0.25          | 561          | 550           | 585                   |
| 270       | 0     | 0     | 14    | 12    | 11    | 45            | 0.31          | 0.27          | 0.25          | 565          | 550           | 590                   |
| 274       | 0     | 0     | 13    | 11    | 11    | 45            | 0.29          | 0.24          | 0.24          | 536          | 550           | 559                   |
| 277       | 0     | 0     | 14    | 12    | 11    | 47            | 0.29          | 0.26          | 0.24          | 577          | 550           | 602                   |
| 281       | 0     | 0     | 12    | 11    | 11    | 44            | 0.28          | 0.25          | 0.24          | 524          | 560           | 547                   |
| 284       | 0     | 0     | 9     | 10    | 9     | 41            | 0.23          | 0.23          | 0.23          | 453          | 640           | 473                   |
| 288       | 0     | 0     | 13    | 11    | 11    | 46            | 0.28          | 0.24          | 0.24          | 536          | 610           | 559                   |
| 292       | 0     | 0     | 9     | 10    | 9     | 33            | 0.29          | 0.30          | 0.27          | 445          | 600           | 464                   |
| 295       | 0     | 0     | 10    | 10    | 9     | 33            | 0.29          | 0.32          | 0.29          | 485          | 600           | 506                   |
| 299       | 0     | 0     | 10    | 11    | 9     | 35            | 0.28          | 0.32          | 0.27          | 492          | 600           | 513                   |
| 302       | 0     | 0     | 10    | 11    | 9     | 35            | 0.28          | 0.30          | 0.27          | 478          | 600           | 499                   |
| 306       | 0     | 0     | 13    | 12    | 11    | 44            | 0.30          | 0.27          | 0.25          | 550          | 600           | 574                   |
| 310       | 0     | 0     | 12    | 12    | 11    | 41            | 0.30          | 0.29          | 0.26          | 553          | 600           | 577                   |
| 313       | 0     | 0     | 13    | 12    | 11    | 45            | 0.29          | 0.27          | 0.25          | 563          | 600           | 587                   |
| 317       | 0     | 0     | 13    | 12    | 11    | 42            | 0.31          | 0.28          | 0.26          | 558          | 600           | 582                   |
| 320       | 0     | 0     | 11    | 11    | 11    | 45            | 0.25          | 0.24          | 0.24          | 512          | 600           | 534                   |
| 324       | 0     | 0     | 12    | 11    | 11    | 42            | 0.28          | 0.27          | 0.26          | 540          | 620           | 563                   |
| 328       | 0     | 0     | 9     | 11    | 9     | 33            | 0.28          | 0.34          | 0.28          | 496          | 670           | 518                   |
| F620124 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 36        | 0     | 0     | 20    | 29    | 21    | 63            | 0.31          | 0.46          | 0.33          | 867          | 680           | 905                   |
| 40        | 0     | 0     | 20    | 30    | 21    | 64            | 0.31          | 0.47          | 0.33          | 859          | 720           | 896                   |
| 43        | 0     | 0     | 20    | 30    | 21    | 63            | 0.32          | 0.47          | 0.33          | 853          | 720           | 890                   |
| 47        | 0     | 0     | 20    | 29    | 21    | 64            | 0.31          | 0.46          | 0.33          | 865          | 720           | 903                   |
| 50        | 0     | 0     | 20    | 29    | 21    | 63            | 0.31          | 0.46          | 0.33          | 868          | 710           | 906                   |
| 54        | 0     | 0     | 20    | 29    | 21    | 64            | 0.31          | 0.46          | 0.33          | 870          | 690           | 908                   |
| 58        | 0     | 0     | 20    | 28    | 21    | 63            | 0.32          | 0.44          | 0.33          | 882          | 720           | 920                   |
| 61        | 0     | 0     | 20    | 29    | 21    | 65            | 0.31          | 0.45          | 0.32          | 872          | 820           | 910                   |

|       |       |       |       |       |       | BROAD | 270/  | 370/  | 500/  | EST. | MEAS. | NORM. |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| ANGLE | PHASE | INCLU | 270 K | 370 K | 500 K | BAND  | BBAND | BBAND | BBAND | PEEL | PEEL  | PEEL  |
| 65    | 0     | 0     | 20    | 29    | 21    | 65    | 0.31  | 0.45  | 0.32  | 864  | 830   | 902   |
| 68    | 0     | 0     | 20    | 27    | 20    | 61    | 0.32  | 0.45  | 0.33  | 871  | 810   | 909   |
| 108   | 0     | 0     | 19    | 27    | 21    | 63    | 0.30  | 0.43  | 0.33  | 888  | 740   | 927   |
| 112   | 0     | 0     | 19    | 27    | 20    | 62    | 0.31  | 0.43  | 0.33  | 880  | 740   | 918   |
| 115   | 0     | 0     | 19    | 28    | 21    | 63    | 0.31  | 0.44  | 0.33  | 880  | 740   | 918   |
| 119   | 0     | 0     | 19    | 28    | 21    | 63    | 0.30  | 0.44  | 0.33  | 881  | 720   | 919   |
| 122   | 0     | 0     | 19    | 28    | 21    | 63    | 0.31  | 0.44  | 0.32  | 876  | 680   | 914   |
| 126   | 0     | 0     | 19    | 29    | 21    | 63    | 0.31  | 0.45  | 0.33  | 873  | 620   | 911   |
| 130   | 0     | 0     | 19    | 28    | 21    | 65    | 0.29  | 0.43  | 0.33  | 895  | 590   | 934   |
| 133   | 0     | 0     | 19    | 28    | 21    | 62    | 0.30  | 0.45  | 0.34  | 882  | 580   | 920   |
| 137   | 0     | 0     | 19    | 28    | 21    | 64    | 0.30  | 0.44  | 0.33  | 884  | 570   | 922   |
| 140   | 0     | 0     | 18    | 26    | 19    | 59    | 0.30  | 0.43  | 0.32  | 864  | 560   | 902   |
| 144   | 0     | 0     | 19    | 28    | 21    | 63    | 0.30  | 0.45  | 0.34  | 887  | 560   | 926   |
| 148   | 0     | 0     | 20    | 28    | 21    | 64    | 0.31  | 0.44  | 0.33  | 881  | 550   | 919   |
| 151   | 0     | 0     | 19    | 28    | 21    | 63    | 0.30  | 0.45  | 0.33  | 876  | 550   | 914   |
| 155   | 0     | 0     | 19    | 28    | 21    | 63    | 0.30  | 0.44  | 0.33  | 885  | 550   | 923   |
| 158   | 0     | 0     | 18    | 27    | 20    | 61    | 0.30  | 0.44  | 0.33  | 878  | 550   | 916   |
| 162   | 0     | 0     | 19    | 28    | 21    | 64    | 0.29  | 0.43  | 0.32  | 884  | 550   | 922   |
| 166   | 0     | 0     | 19    | 28    | 21    | 62    | 0.31  | 0.45  | 0.33  | 874  | 550   | 912   |
| 169   | 0     | 0     | 19    | 26    | 20    | 61    | 0.30  | 0.42  | 0.32  | 878  | 550   | 916   |
| 173   | 0     | 0     | 19    | 27    | 21    | 62    | 0.30  | 0.43  | 0.33  | 888  | 550   | 927   |
| 176   | 0     | 0     | 18    | 22    | 18    | 54    | 0.32  | 0.41  | 0.33  | 839  | 550   | 875   |
| 180   | 0     | 0     | 18    | 22    | 17    | 54    | 0.33  | 0.41  | 0.32  | 831  | 550   | 867   |
| 184   | 0     | 0     | 18    | 26    | 20    | 60    | 0.30  | 0.42  | 0.33  | 878  | 560   | 916   |
| 187   | 0     | 0     | 18    | 24    | 19    | 58    | 0.32  | 0.42  | 0.32  | 859  | 580   | 896   |
| 191   | 0     | 0     | 19    | 26    | 20    | 61    | 0.31  | 0.42  | 0.33  | 886  | 610   | 925   |
| 194   | 0     | 0     | 17    | 22    | 17    | 54    | 0.31  | 0.41  | 0.32  | 835  | 610   | 871   |
| 198   | 0     | 0     | 17    | 22    | 17    | 54    | 0.32  | 0.41  | 0.32  | 831  | 600   | 867   |
| 202   | 0     | 0     | 17    | 22    | 17    | 56    | 0.31  | 0.39  | 0.31  | 836  | 590   | 872   |
| 205   | 0     | 0     | 17    | 20    | 17    | 57    | 0.29  | 0.35  | 0.29  | 819  | 580   | 855   |
| 209   | 0     | 0     | 17    | 23    | 19    | 55    | 0.31  | 0.41  | 0.34  | 862  | 580   | 899   |
| 212   | 0     | 0     | 14    | 19    | 16    | 51    | 0.26  | 0.38  | 0.31  | 790  | 580   | 824   |
| 216   | 0     | 0     | 17    | 23    | 18    | 56    | 0.30  | 0.41  | 0.32  | 840  | 580   | 877   |
| 220   | 0     | 0     | 17    | 26    | 19    | 56    | 0.31  | 0.47  | 0.34  | 852  | 580   | 889   |
| 223   | 0     | 0     | 17    | 26    | 19    | 57    | 0.31  | 0.46  | 0.34  | 857  | 580   | 894   |
| 227   | 0     | 0     | 18    | 27    | 19    | 57    | 0.31  | 0.47  | 0.34  | 854  | 580   | 891   |
| 230   | 0     | 0     | 18    | 25    | 18    | 57    | 0.32  | 0.44  | 0.32  | 846  | 580   | 883   |
| 234   | 0     | 0     | 17    | 24    | 18    | 56    | 0.30  | 0.42  | 0.33  | 849  | 580   | 886   |
| 238   | 0     | 0     | 17    | 24    | 18    | 56    | 0.31  | 0.43  | 0.32  | 842  | 580   | 879   |
| 241   | 0     | 0     | 17    | 23    | 18    | 55    | 0.31  | 0.42  | 0.32  | 839  | 590   | 875   |
| 245   | 0     | 0     | 17    | 22    | 18    | 53    | 0.31  | 0.42  | 0.33  | 838  | 590   | 874   |
| 248   | 0     | 0     | 15    | 21    | 17    | 50    | 0.30  | 0.42  | 0.33  | 810  | 630   | 845   |
| 252   | 0     | 0     | 18    | 25    | 19    | 55    | 0.32  | 0.45  | 0.34  | 860  | 650   | 897   |
| 256   | 0     | 0     | 18    | 25    | 19    | 57    | 0.31  | 0.44  | 0.34  | 865  | 690   | 903   |
| 259   | 0     | 0     | 18    | 25    | 20    | 58    | 0.31  | 0.44  | 0.34  | 873  | 700   | 911   |
| 263   | 0     | 0     | 15    | 18    | 15    | 46    | 0.33  | 0.40  | 0.32  | 758  | 700   | 791   |
| 266   | 0     | 0     | 16    | 21    | 17    | 49    | 0.33  | 0.44  | 0.34  | 813  | 690   | 848   |
| 270   | 0     | 0     | 18    | 23    | 17    | 54    | 0.33  | 0.42  | 0.32  | 825  | 650   | 861   |
| 274   | 0     | 0     | 19    | 27    | 20    | 61    | 0.31  | 0.43  | 0.32  | 872  | 620   | 910   |
| 277   | 0     | 0     | 20    | 28    | 21    | 64    | 0.31  | 0.45  | 0.33  | 873  | 620   | 911   |
| 281   | 0     | 0     | 19    | 28    | 21    | 62    | 0.31  | 0.46  | 0.34  | 879  | 620   | 917   |
| 284   | 0     | 0     | 16    | 21    | 17    | 51    | 0.32  | 0.41  | 0.33  | 816  | 620   | 851   |
| 288   | 0     | 0     | 13    | 20    | 16    | 50    | 0.27  | 0.40  | 0.33  | 797  | 630   | 832   |
| 292   | 0     | 0     | 16    | 22    | 18    | 53    | 0.31  | 0.41  | 0.33  | 837  | 620   | 873   |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 295       | 0     | 0     | 19    | 27    | 21    | 61            | 0.32          | 0.44          | 0.34          | 890          | 620           | 929                   |
| 299       | 0     | 0     | 19    | 27    | 21    | 62            | 0.31          | 0.43          | 0.34          | 893          | 620           | 932                   |
| 302       | 0     | 0     | 18    | 25    | 19    | 59            | 0.31          | 0.42          | 0.33          | 870          | 620           | 908                   |
| 306       | 0     | 0     | 19    | 29    | 22    | 63            | 0.30          | 0.45          | 0.34          | 887          | 620           | 926                   |
| 310       | 0     | 0     | 20    | 30    | 22    | 65            | 0.31          | 0.46          | 0.34          | 880          | 620           | 918                   |
| 313       | 0     | 0     | 20    | 31    | 22    | 65            | 0.30          | 0.47          | 0.33          | 860          | 620           | 897                   |
| 317       | 0     | 0     | 20    | 30    | 22    | 65            | 0.31          | 0.46          | 0.34          | 872          | 620           | 910                   |
| 320       | 0     | 0     | 18    | 25    | 20    | 59            | 0.31          | 0.43          | 0.34          | 876          | 620           | 914                   |
| 324       | 0     | 0     | 18    | 24    | 19    | 56            | 0.31          | 0.43          | 0.34          | 863          | 620           | 901                   |
| 328       | 0     | 0     | 19    | 29    | 21    | 62            | 0.31          | 0.46          | 0.34          | 876          | 620           | 914                   |
| 331       | 0     | 0     | 20    | 30    | 22    | 65            | 0.30          | 0.46          | 0.34          | 870          | 640           | 908                   |
| 335       | 0     | 0     | 20    | 30    | 21    | 65            | 0.30          | 0.45          | 0.32          | 868          | 690           | 906                   |
| F620126 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 18        | 0     | 0     | 14    | 14    | 11    | 46            | 0.30          | 0.31          | 0.24          | 602          | 730           | 628                   |
| 22        | 0     | 0     | 14    | 14    | 11    | 45            | 0.30          | 0.32          | 0.26          | 616          | 720           | 643                   |
| 25        | 0     | 0     | 14    | 15    | 12    | 44            | 0.31          | 0.34          | 0.27          | 642          | 720           | 670                   |
| 29        | 0     | 0     | 14    | 15    | 12    | 43            | 0.32          | 0.34          | 0.27          | 628          | 690           | 655                   |
| 32        | 0     | 0     | 13    | 14    | 11    | 43            | 0.29          | 0.33          | 0.26          | 610          | 680           | 637                   |
| 36        | 0     | 0     | 15    | 16    | 13    | 45            | 0.34          | 0.36          | 0.29          | 682          | 690           | 712                   |
| 40        | 0     | 0     | 15    | 17    | 13    | 45            | 0.33          | 0.37          | 0.29          | 700          | 700           | 730                   |
| 43        | 0     | 0     | 16    | 17    | 13    | 46            | 0.34          | 0.37          | 0.29          | 706          | 710           | 737                   |
| 47        | 0     | 0     | 16    | 17    | 14    | 46            | 0.34          | 0.37          | 0.29          | 710          | 700           | 741                   |
| 50        | 0     | 0     | 15    | 17    | 13    | 45            | 0.34          | 0.37          | 0.29          | 696          | 700           | 726                   |
| 54        | 0     | 0     | 15    | 16    | 13    | 46            | 0.34          | 0.36          | 0.28          | 680          | 700           | 710                   |
| 58        | 0     | 0     | 15    | 16    | 13    | 47            | 0.32          | 0.34          | 0.27          | 670          | 710           | 699                   |
| 61        | 0     | 0     | 15    | 16    | 13    | 46            | 0.33          | 0.35          | 0.28          | 670          | 720           | 699                   |
| 65        | 0     | 0     | 15    | 16    | 13    | 44            | 0.34          | 0.36          | 0.29          | 672          | 750           | 701                   |
| 68        | 0     | 0     | 14    | 16    | 13    | 44            | 0.33          | 0.36          | 0.29          | 671          | 740           | 700                   |
| 72        | 0     | 0     | 14    | 16    | 13    | 43            | 0.33          | 0.37          | 0.30          | 676          | 730           | 705                   |
| 133       | 0     | 0     | 16    | 18    | 13    | 46            | 0.34          | 0.39          | 0.29          | 709          | 680           | 740                   |
| 137       | 0     | 0     | 15    | 17    | 13    | 46            | 0.33          | 0.38          | 0.29          | 708          | 730           | 739                   |
| 140       | 0     | 0     | 14    | 17    | 13    | 45            | 0.32          | 0.38          | 0.30          | 701          | 770           | 731                   |
| 144       | 0     | 0     | 14    | 17    | 13    | 44            | 0.33          | 0.38          | 0.30          | 695          | 770           | 725                   |
| 148       | 0     | 0     | 14    | 17    | 13    | 44            | 0.33          | 0.38          | 0.30          | 696          | 770           | 726                   |
| 151       | 0     | 0     | 14    | 16    | 13    | 43            | 0.33          | 0.37          | 0.30          | 684          | 760           | 714                   |
| 155       | 0     | 0     | 14    | 15    | 12    | 42            | 0.33          | 0.36          | 0.29          | 660          | 740           | 689                   |
| 158       | 0     | 0     | 14    | 16    | 13    | 43            | 0.32          | 0.37          | 0.30          | 681          | 730           | 711                   |
| 162       | 0     | 0     | 14    | 16    | 13    | 42            | 0.33          | 0.37          | 0.30          | 671          | 700           | 700                   |
| 166       | 0     | 0     | 15    | 16    | 13    | 44            | 0.34          | 0.37          | 0.30          | 683          | 660           | 713                   |
| 169       | 0     | 0     | 15    | 18    | 14    | 46            | 0.33          | 0.38          | 0.30          | 716          | 600           | 747                   |
| 173       | 0     | 0     | 16    | 17    | 14    | 47            | 0.34          | 0.37          | 0.30          | 718          | 570           | 749                   |
| 176       | 0     | 0     | 16    | 19    | 14    | 50            | 0.33          | 0.38          | 0.29          | 742          | 560           | 774                   |
| 180       | 0     | 0     | 17    | 21    | 15    | 52            | 0.33          | 0.40          | 0.29          | 769          | 560           | 802                   |
| 184       | 0     | 0     | 16    | 18    | 14    | 47            | 0.34          | 0.39          | 0.29          | 726          | 560           | 758                   |
| 187       | 0     | 0     | 15    | 18    | 14    | 46            | 0.33          | 0.39          | 0.30          | 726          | 560           | 758                   |
| 191       | 0     | 0     | 15    | 17    | 14    | 45            | 0.33          | 0.38          | 0.30          | 714          | 560           | 745                   |
| 194       | 0     | 0     | 15    | 16    | 13    | 44            | 0.33          | 0.37          | 0.30          | 694          | 560           | 724                   |
| 198       | 0     | 0     | 15    | 16    | 13    | 44            | 0.33          | 0.37          | 0.30          | 686          | 560           | 716                   |
| 202       | 0     | 0     | 15    | 16    | 13    | 43            | 0.34          | 0.37          | 0.30          | 675          | 560           | 704                   |
| 205       | 0     | 0     | 14    | 16    | 13    | 43            | 0.34          | 0.37          | 0.30          | 683          | 560           | 713                   |
| 209       | 0     | 0     | 14    | 16    | 13    | 43            | 0.34          | 0.36          | 0.30          | 671          | 560           | 700                   |
| 212       | 0     | 0     | 15    | 15    | 13    | 44            | 0.33          | 0.35          | 0.29          | 661          | 560           | 690                   |
| 216       | 0     | 0     | 12    | 13    | 11    | 43            | 0.28          | 0.31          | 0.26          | 585          | 570           | 610                   |
| 220       | 0     | 0     | 15    | 15    | 13    | 44            | 0.33          | 0.34          | 0.28          | 658          | 570           | 687                   |

NORM.

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>FEEL | MEAS.<br>FEEL | EST.<br>FEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|--------------|
| 223       | 0     | 0     | 14    | 15    | 13    | 42            | 0.34          | 0.36          | 0.30          | 664          | 570           | 693          |
| 227       | 0     | 0     | 14    | 15    | 13    | 43            | 0.33          | 0.36          | 0.30          | 669          | 570           | 698          |
| 230       | 0     | 0     | 14    | 16    | 13    | 42            | 0.33          | 0.38          | 0.30          | 680          | 570           | 710          |
| 234       | 0     | 0     | 14    | 15    | 12    | 42            | 0.34          | 0.36          | 0.30          | 651          | 570           | 679          |
| 238       | 0     | 0     | 14    | 14    | 12    | 42            | 0.32          | 0.33          | 0.27          | 609          | 570           | 635          |
| 241       | 0     | 0     | 13    | 13    | 11    | 45            | 0.28          | 0.29          | 0.25          | 578          | 570           | 603          |
| 245       | 0     | 0     | 12    | 13    | 11    | 47            | 0.25          | 0.27          | 0.22          | 561          | 570           | 585          |
| 248       | 0     | 0     | 12    | 13    | 11    | 47            | 0.25          | 0.27          | 0.23          | 569          | 570           | 594          |
| 252       | 0     | 0     | 12    | 13    | 11    | 45            | 0.26          | 0.28          | 0.23          | 563          | 570           | 587          |
| 256       | 0     | 0     | 10    | 13    | 10    | 40            | 0.24          | 0.32          | 0.26          | 552          | 570           | 576          |
| 259       | 0     | 0     | 10    | 13    | 10    | 41            | 0.24          | 0.32          | 0.26          | 564          | 570           | 589          |
| 263       | 0     | 0     | 14    | 15    | 12    | 49            | 0.28          | 0.30          | 0.24          | 629          | 580           | 656          |
| 266       | 0     | 0     | 14    | 14    | 12    | 45            | 0.31          | 0.32          | 0.26          | 619          | 610           | 646          |
| 270       | 0     | 0     | 12    | 14    | 11    | 47            | 0.27          | 0.30          | 0.24          | 599          | 640           | 625          |
| 274       | 0     | 0     | 15    | 15    | 12    | 48            | 0.30          | 0.31          | 0.25          | 642          | 660           | 670          |
| 277       | 0     | 0     | 14    | 14    | 12    | 50            | 0.28          | 0.29          | 0.24          | 638          | 690           | 666          |
| 281       | 0     | 0     | 15    | 15    | 12    | 49            | 0.30          | 0.30          | 0.26          | 651          | 720           | 679          |
| 284       | 0     | 0     | 15    | 15    | 12    | 47            | 0.31          | 0.32          | 0.26          | 648          | 750           | 676          |
| 288       | 0     | 0     | 12    | 13    | 11    | 49            | 0.25          | 0.27          | 0.22          | 578          | 820           | 603          |
| 292       | 0     | 0     | 11    | 13    | 11    | 49            | 0.23          | 0.27          | 0.22          | 583          | 790           | 608          |
| 295       | 0     | 0     | 13    | 14    | 12    | 47            | 0.27          | 0.30          | 0.24          | 613          | 790           | 640          |
| 299       | 0     | 0     | 14    | 15    | 12    | 44            | 0.32          | 0.35          | 0.28          | 645          | 800           | 673          |
| 302       | 0     | 0     | 14    | 15    | 12    | 43            | 0.33          | 0.35          | 0.28          | 644          | 800           | 672          |
| 306       | 0     | 0     | 14    | 16    | 12    | 42            | 0.32          | 0.38          | 0.29          | 656          | 790           | 685          |
| 310       | 0     | 0     | 14    | 16    | 12    | 43            | 0.32          | 0.38          | 0.29          | 665          | 800           | 694          |
| 313       | 0     | 0     | 14    | 17    | 13    | 44            | 0.33          | 0.38          | 0.30          | 701          | 800           | 731          |
| 317       | 0     | 0     | 15    | 16    | 13    | 45            | 0.33          | 0.37          | 0.30          | 696          | 790           | 726          |
| 320       | 0     | 0     | 14    | 15    | 12    | 42            | 0.34          | 0.35          | 0.29          | 641          | 780           | 669          |
| 324       | 0     | 0     | 13    | 14    | 11    | 45            | 0.29          | 0.31          | 0.25          | 608          | 650           | 634          |
| F620127 : |       |       |       |       |       |               |               |               |               |              |               |              |
| 36        | 0     | 0     | 14    | 17    | 13    | 53            | 0.26          | 0.32          | 0.24          | 693          | 500           | 723          |
| 40        | 0     | 0     | 12    | 14    | 11    | 50            | 0.23          | 0.27          | 0.22          | 588          | 700           | 614          |
| 43        | 0     | 0     | 13    | 15    | 12    | 57            | 0.23          | 0.26          | 0.22          | 661          | 740           | 690          |
| 47        | 0     | 0     | 13    | 14    | 12    | 48            | 0.26          | 0.30          | 0.24          | 618          | 780           | 645          |
| 50        | 0     | 0     | 11    | 14    | 11    | 41            | 0.28          | 0.34          | 0.27          | 586          | 780           | 611          |
| 54        | 0     | 0     | 12    | 14    | 10    | 41            | 0.28          | 0.33          | 0.25          | 569          | 770           | 594          |
| 58        | 0     | 0     | 14    | 17    | 13    | 49            | 0.30          | 0.35          | 0.27          | 697          | 760           | 727          |
| 61        | 0     | 0     | 14    | 16    | 13    | 48            | 0.29          | 0.34          | 0.27          | 680          | 740           | 710          |
| 65        | 0     | 0     | 14    | 16    | 13    | 50            | 0.28          | 0.33          | 0.26          | 686          | 680           | 716          |
| 68        | 0     | 0     | 13    | 15    | 12    | 47            | 0.27          | 0.32          | 0.25          | 633          | 640           | 661          |
| 72        | 0     | 0     | 10    | 13    | 10    | 43            | 0.22          | 0.30          | 0.24          | 552          | 610           | 576          |
| 76        | 0     | 0     | 11    | 13    | 11    | 51            | 0.21          | 0.26          | 0.22          | 595          | 590           | 621          |
| 79        | 0     | 0     | 10    | 13    | 10    | 50            | 0.19          | 0.25          | 0.19          | 545          | 580           | 569          |
| 83        | 0     | 0     | 9     | 12    | 9     | 38            | 0.22          | 0.32          | 0.23          | 496          | 580           | 518          |
| 86        | 0     | 0     | 12    | 14    | 12    | 54            | 0.22          | 0.26          | 0.22          | 624          | 580           | 651          |
| 90        | 0     | 0     | 12    | 14    | 12    | 53            | 0.23          | 0.27          | 0.23          | 637          | 580           | 665          |
| 94        | 0     | 0     | 13    | 15    | 13    | 56            | 0.23          | 0.27          | 0.23          | 669          | 550           | 698          |
| 97        | 0     | 0     | 10    | 13    | 10    | 40            | 0.25          | 0.32          | 0.25          | 542          | 550           | 566          |
| 101       | 0     | 0     | 10    | 12    | 10    | 40            | 0.25          | 0.31          | 0.24          | 517          | 550           | 539          |
| 104       | 0     | 0     | 11    | 13    | 11    | 46            | 0.24          | 0.28          | 0.24          | 582          | 540           | 607          |
| 108       | 0     | 0     | 9     | 12    | 10    | 40            | 0.23          | 0.31          | 0.25          | 534          | 540           | 557          |
| 112       | 0     | 0     | 9     | 12    | 9     | 33            | 0.27          | 0.36          | 0.28          | 500          | 510           | 522          |
| 115       | 0     | 0     | 9     | 12    | 9     | 33            | 0.27          | 0.36          | 0.28          | 511          | 520           | 533          |
| 119       | 0     | 0     | 9     | 13    | 10    | 35            | 0.26          | 0.36          | 0.28          | 535          | 610           | 558          |

| ANGLE     | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-----------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 122       | 0     | 0     | 11    | 14    | 11    | 42            | 0.26          | 0.33          | 0.27          | 597          | 680           | 623                   |
| 126       | 0     | 0     | 10    | 13    | 10    | 38            | 0.25          | 0.35          | 0.27          | 567          | 750           | 592                   |
| 130       | 0     | 0     | 11    | 14    | 11    | 41            | 0.26          | 0.35          | 0.27          | 612          | 750           | 639                   |
| 133       | 0     | 0     | 11    | 14    | 11    | 43            | 0.25          | 0.33          | 0.26          | 599          | 750           | 625                   |
| 137       | 0     | 0     | 9     | 12    | 9     | 36            | 0.26          | 0.34          | 0.25          | 500          | 720           | 522                   |
| 140       | 0     | 0     | 12    | 15    | 12    | 45            | 0.26          | 0.33          | 0.26          | 633          | 740           | 661                   |
| 144       | 0     | 0     | 10    | 12    | 10    | 43            | 0.22          | 0.29          | 0.24          | 545          | 760           | 569                   |
| 148       | 0     | 0     | 7     | 11    | 9     | 39            | 0.19          | 0.28          | 0.24          | 489          | 710           | 510                   |
| 151       | 0     | 0     | 8     | 11    | 9     | 38            | 0.21          | 0.30          | 0.24          | 493          | 780           | 514                   |
| 155       | 0     | 0     | 8     | 12    | 9     | 38            | 0.22          | 0.30          | 0.23          | 483          | 780           | 504                   |
| 158       | 0     | 0     | 10    | 14    | 11    | 42            | 0.25          | 0.33          | 0.27          | 603          | 780           | 629                   |
| 162       | 0     | 0     | 10    | 13    | 11    | 39            | 0.25          | 0.34          | 0.27          | 570          | 770           | 595                   |
| 166       | 0     | 0     | 9     | 12    | 10    | 39            | 0.22          | 0.30          | 0.25          | 509          | 770           | 531                   |
| 169       | 0     | 0     | 8     | 11    | 8     | 40            | 0.20          | 0.28          | 0.20          | 450          | 740           | 470                   |
| 173       | 0     | 0     | 11    | 14    | 10    | 47            | 0.23          | 0.29          | 0.22          | 570          | 710           | 595                   |
| 176       | 0     | 0     | 13    | 15    | 12    | 53            | 0.25          | 0.28          | 0.23          | 644          | 650           | 672                   |
| 180       | 0     | 0     | 11    | 14    | 12    | 47            | 0.24          | 0.30          | 0.26          | 633          | 590           | 661                   |
| 184       | 0     | 0     | 11    | 14    | 12    | 46            | 0.25          | 0.31          | 0.26          | 629          | 590           | 656                   |
| 187       | 0     | 0     | 14    | 16    | 13    | 51            | 0.27          | 0.31          | 0.25          | 677          | 560           | 706                   |
| 191       | 0     | 0     | 15    | 17    | 13    | 48            | 0.30          | 0.35          | 0.28          | 700          | 570           | 730                   |
| 194       | 0     | 0     | 14    | 17    | 13    | 48            | 0.30          | 0.35          | 0.28          | 695          | 570           | 725                   |
| 198       | 0     | 0     | 13    | 16    | 13    | 49            | 0.27          | 0.34          | 0.26          | 679          | 590           | 709                   |
| 202       | 0     | 0     | 13    | 16    | 12    | 48            | 0.27          | 0.32          | 0.26          | 659          | 560           | 688                   |
| 205       | 0     | 0     | 13    | 15    | 12    | 49            | 0.26          | 0.30          | 0.24          | 631          | 580           | 658                   |
| 209       | 0     | 0     | 12    | 14    | 11    | 47            | 0.26          | 0.30          | 0.24          | 604          | 560           | 630                   |
| 212       | 0     | 0     | 12    | 15    | 11    | 48            | 0.25          | 0.30          | 0.23          | 616          | 560           | 643                   |
| 216       | 0     | 0     | 11    | 13    | 10    | 52            | 0.21          | 0.25          | 0.20          | 564          | 520           | 589                   |
| 220       | 0     | 0     | 10    | 13    | 10    | 55            | 0.19          | 0.23          | 0.18          | 555          | 520           | 579                   |
| 223       | 0     | 0     | 9     | 12    | 10    | 52            | 0.17          | 0.23          | 0.19          | 530          | 520           | 553                   |
| 227       | 0     | 0     | 8     | 12    | 9     | 47            | 0.16          | 0.25          | 0.20          | 505          | 530           | 527                   |
| 230       | 0     | 0     | 7     | 10    | 9     | 41            | 0.16          | 0.25          | 0.21          | 450          | 530           | 470                   |
| 234       | 0     | 0     | 8     | 12    | 9     | 47            | 0.17          | 0.25          | 0.20          | 512          | 530           | 534                   |
| 238       | 0     | 0     | 6     | 10    | 8     | 36            | 0.16          | 0.28          | 0.22          | 418          | 530           | 436                   |
| 241       | 0     | 0     | 6     | 10    | 9     | 38            | 0.17          | 0.27          | 0.23          | 450          | 520           | 470                   |
| 245       | 0     | 0     | 11    | 13    | 11    | 55            | 0.19          | 0.23          | 0.19          | 576          | 520           | 601                   |
| 248       | 0     | 0     | 10    | 13    | 10    | 45            | 0.21          | 0.28          | 0.22          | 539          | 520           | 562                   |
| 252       | 0     | 0     | 7     | 11    | 9     | 39            | 0.18          | 0.28          | 0.23          | 469          | 530           | 489                   |
| 256       | 0     | 0     | 9     | 13    | 10    | 53            | 0.17          | 0.24          | 0.19          | 548          | 530           | 572                   |
| 259       | 0     | 0     | 9     | 12    | 10    | 45            | 0.21          | 0.27          | 0.21          | 528          | 530           | 551                   |
| 263       | 0     | 0     | 7     | 11    | 8     | 39            | 0.19          | 0.28          | 0.21          | 448          | 540           | 467                   |
| 266       | 0     | 0     | 8     | 12    | 9     | 40            | 0.20          | 0.29          | 0.22          | 480          | 540           | 501                   |
| 270       | 0     | 0     | 11    | 14    | 11    | 42            | 0.27          | 0.32          | 0.25          | 574          | 610           | 599                   |
| 274       | 0     | 0     | 12    | 14    | 12    | 43            | 0.28          | 0.33          | 0.27          | 618          | 590           | 645                   |
| 277       | 0     | 0     | 13    | 16    | 13    | 46            | 0.28          | 0.34          | 0.27          | 666          | 570           | 695                   |
| 281       | 0     | 0     | 13    | 16    | 13    | 46            | 0.29          | 0.35          | 0.29          | 688          | 580           | 718                   |
| F620336 : |       |       |       |       |       |               |               |               |               |              |               |                       |
| 65        | 0     | 0     | 13    | 12    | 11    | 39            | 0.34          | 0.32          | 0.27          | 554          | 740           | 578                   |
| 68        | 0     | 0     | 12    | 12    | 10    | 37            | 0.34          | 0.33          | 0.28          | 547          | 750           | 571                   |
| 72        | 0     | 0     | 12    | 13    | 11    | 37            | 0.33          | 0.36          | 0.29          | 582          | 710           | 607                   |
| 76        | 0     | 0     | 10    | 13    | 10    | 40            | 0.26          | 0.33          | 0.26          | 557          | 710           | 581                   |
| 79        | 0     | 0     | 10    | 14    | 10    | 42            | 0.24          | 0.33          | 0.25          | 573          | 720           | 598                   |
| 83        | 0     | 0     | 11    | 14    | 11    | 43            | 0.26          | 0.33          | 0.25          | 596          | 770           | 622                   |
| 86        | 0     | 0     | 11    | 14    | 11    | 44            | 0.25          | 0.33          | 0.25          | 600          | 840           | 626                   |
| 90        | 0     | 0     | 11    | 14    | 11    | 39            | 0.29          | 0.35          | 0.28          | 585          | 830           | 610                   |

| ANGLE | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD |       |       | 500/  | EST. | MEAS. | NORM. |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
|       |       |       |       |       |       | BAND  | 270/  | 370/  |       |      |       | EST.  |
|       |       |       |       |       |       |       | BBAND | BBAND | BBAND | PEEL | PEEL  | PEEL  |
| 94    | 0     | 0     | 12    | 13    | 11    | 38    | 0.32  | 0.35  | 0.29  | 587  | 800   | 613   |
| 97    | 0     | 0     | 13    | 14    | 12    | 41    | 0.32  | 0.35  | 0.28  | 622  | 730   | 649   |
| 101   | 0     | 0     | 13    | 15    | 12    | 42    | 0.31  | 0.36  | 0.28  | 633  | 780   | 661   |
| 104   | 0     | 0     | 13    | 17    | 13    | 48    | 0.27  | 0.35  | 0.27  | 677  | 760   | 706   |
| 108   | 0     | 0     | 11    | 13    | 11    | 43    | 0.25  | 0.31  | 0.25  | 580  | 780   | 605   |
| 112   | 0     | 0     | 11    | 15    | 11    | 45    | 0.24  | 0.32  | 0.25  | 618  | 750   | 645   |
| 115   | 0     | 0     | 11    | 14    | 11    | 44    | 0.24  | 0.32  | 0.24  | 593  | 750   | 619   |
| 119   | 0     | 0     | 11    | 15    | 11    | 44    | 0.25  | 0.33  | 0.26  | 612  | 750   | 639   |
| 122   | 0     | 0     | 13    | 15    | 12    | 40    | 0.32  | 0.36  | 0.29  | 627  | 730   | 654   |
| 126   | 0     | 0     | 13    | 15    | 12    | 40    | 0.33  | 0.37  | 0.30  | 640  | 720   | 668   |
| 130   | 0     | 0     | 14    | 15    | 12    | 43    | 0.32  | 0.35  | 0.28  | 641  | 710   | 669   |
| 133   | 0     | 0     | 14    | 15    | 12    | 40    | 0.34  | 0.36  | 0.30  | 638  | 700   | 666   |
| 137   | 0     | 0     | 14    | 16    | 13    | 43    | 0.32  | 0.37  | 0.30  | 670  | 700   | 699   |
| 140   | 0     | 0     | 15    | 17    | 13    | 45    | 0.33  | 0.38  | 0.29  | 695  | 690   | 725   |
| 144   | 0     | 0     | 15    | 18    | 13    | 49    | 0.31  | 0.37  | 0.27  | 711  | 690   | 742   |
| 148   | 0     | 0     | 14    | 17    | 13    | 53    | 0.26  | 0.33  | 0.24  | 693  | 690   | 723   |
| 151   | 0     | 0     | 14    | 18    | 13    | 48    | 0.29  | 0.38  | 0.27  | 692  | 680   | 722   |
| 155   | 0     | 0     | 13    | 16    | 12    | 44    | 0.29  | 0.37  | 0.27  | 662  | 680   | 691   |
| 158   | 0     | 0     | 13    | 15    | 12    | 42    | 0.31  | 0.37  | 0.29  | 645  | 680   | 673   |
| 162   | 0     | 0     | 13    | 15    | 12    | 45    | 0.28  | 0.34  | 0.26  | 644  | 670   | 672   |
| 166   | 0     | 0     | 13    | 16    | 12    | 42    | 0.31  | 0.37  | 0.29  | 649  | 690   | 677   |
| 169   | 0     | 0     | 13    | 16    | 12    | 42    | 0.32  | 0.39  | 0.29  | 662  | 670   | 691   |
| 173   | 0     | 0     | 14    | 16    | 13    | 42    | 0.34  | 0.39  | 0.31  | 678  | 640   | 707   |
| 176   | 0     | 0     | 14    | 16    | 13    | 41    | 0.33  | 0.38  | 0.31  | 677  | 640   | 706   |
| 180   | 0     | 0     | 14    | 15    | 12    | 42    | 0.32  | 0.36  | 0.30  | 658  | 650   | 687   |
| 184   | 0     | 0     | 14    | 16    | 13    | 42    | 0.33  | 0.38  | 0.31  | 682  | 630   | 712   |
| 187   | 0     | 0     | 14    | 16    | 13    | 42    | 0.33  | 0.38  | 0.31  | 682  | 630   | 712   |
| 191   | 0     | 0     | 14    | 16    | 13    | 42    | 0.32  | 0.38  | 0.30  | 674  | 680   | 703   |
| 194   | 0     | 0     | 14    | 15    | 12    | 43    | 0.31  | 0.34  | 0.29  | 653  | 650   | 681   |
| 198   | 0     | 0     | 14    | 15    | 12    | 41    | 0.33  | 0.37  | 0.30  | 654  | 660   | 682   |
| 202   | 0     | 0     | 13    | 15    | 12    | 40    | 0.33  | 0.37  | 0.31  | 654  | 630   | 682   |
| 205   | 0     | 0     | 14    | 15    | 13    | 41    | 0.33  | 0.37  | 0.30  | 663  | 620   | 692   |
| 209   | 0     | 0     | 12    | 13    | 11    | 39    | 0.30  | 0.33  | 0.27  | 561  | 620   | 585   |
| 212   | 0     | 0     | 14    | 16    | 13    | 43    | 0.33  | 0.37  | 0.29  | 665  | 630   | 694   |
| 216   | 0     | 0     | 16    | 19    | 14    | 48    | 0.32  | 0.39  | 0.29  | 734  | 610   | 766   |
| 220   | 0     | 0     | 15    | 17    | 14    | 47    | 0.32  | 0.37  | 0.29  | 712  | 620   | 743   |
| 223   | 0     | 0     | 15    | 17    | 13    | 46    | 0.32  | 0.36  | 0.29  | 701  | 580   | 731   |
| 227   | 0     | 0     | 16    | 17    | 14    | 46    | 0.34  | 0.38  | 0.30  | 720  | 580   | 751   |
| 230   | 0     | 0     | 15    | 17    | 14    | 46    | 0.33  | 0.37  | 0.30  | 710  | 590   | 741   |
| 234   | 0     | 0     | 14    | 16    | 13    | 44    | 0.32  | 0.36  | 0.30  | 683  | 630   | 713   |
| 238   | 0     | 0     | 14    | 16    | 13    | 43    | 0.33  | 0.38  | 0.30  | 690  | 670   | 720   |
| 241   | 0     | 0     | 14    | 16    | 13    | 43    | 0.32  | 0.38  | 0.30  | 686  | 730   | 716   |
| 245   | 0     | 0     | 14    | 16    | 13    | 43    | 0.33  | 0.37  | 0.30  | 688  | 800   | 718   |
| 248   | 0     | 0     | 14    | 16    | 13    | 44    | 0.33  | 0.37  | 0.30  | 692  | 770   | 722   |
| 252   | 0     | 0     | 15    | 17    | 13    | 44    | 0.34  | 0.39  | 0.30  | 708  | 770   | 739   |
| 256   | 0     | 0     | 15    | 18    | 14    | 45    | 0.33  | 0.39  | 0.30  | 715  | 790   | 746   |
| 259   | 0     | 0     | 15    | 18    | 14    | 45    | 0.34  | 0.40  | 0.31  | 728  | 790   | 760   |
| 263   | 0     | 0     | 16    | 18    | 14    | 46    | 0.35  | 0.40  | 0.30  | 724  | 780   | 755   |
| 266   | 0     | 0     | 15    | 18    | 14    | 46    | 0.34  | 0.40  | 0.30  | 724  | 790   | 755   |
| 270   | 0     | 0     | 16    | 19    | 14    | 47    | 0.35  | 0.40  | 0.30  | 741  | 750   | 773   |
| 274   | 0     | 0     | 16    | 19    | 14    | 47    | 0.34  | 0.40  | 0.30  | 729  | 780   | 761   |
| 277   | 0     | 0     | 15    | 18    | 13    | 46    | 0.33  | 0.39  | 0.29  | 713  | 760   | 744   |
| 281   | 0     | 0     | 14    | 17    | 13    | 46    | 0.31  | 0.37  | 0.28  | 685  | 760   | 715   |
| 284   | 0     | 0     | 13    | 15    | 12    | 44    | 0.29  | 0.34  | 0.27  | 641  | 760   | 669   |

| ANGLE | PHASE | INCLU | 270 K | 370 K | 500 K | BROAD<br>BAND | 270/<br>BBAND | 370/<br>BBAND | 500/<br>BBAND | EST.<br>PEEL | MEAS.<br>PEEL | NORM.<br>EST.<br>PEEL |
|-------|-------|-------|-------|-------|-------|---------------|---------------|---------------|---------------|--------------|---------------|-----------------------|
| 288   | 0     | 0     | 12    | 14    | 12    | 45            | 0.27          | 0.32          | 0.27          | 631          | 770           | 658                   |
| 292   | 0     | 0     | 13    | 16    | 13    | 48            | 0.28          | 0.33          | 0.27          | 667          | 760           | 696                   |
| 295   | 0     | 0     | 14    | 17    | 13    | 44            | 0.32          | 0.38          | 0.30          | 695          | 760           | 725                   |
| 299   | 0     | 0     | 14    | 16    | 13    | 44            | 0.33          | 0.37          | 0.29          | 683          | 750           | 713                   |
| 302   | 0     | 0     | 15    | 17    | 13    | 43            | 0.34          | 0.39          | 0.31          | 703          | 760           | 734                   |
| 306   | 0     | 0     | 15    | 17    | 13    | 44            | 0.34          | 0.38          | 0.31          | 699          | 760           | 729                   |
| 310   | 0     | 0     | 15    | 18    | 14    | 45            | 0.33          | 0.40          | 0.31          | 724          | 740           | 755                   |
| 313   | 0     | 0     | 16    | 18    | 14    | 46            | 0.34          | 0.40          | 0.31          | 734          | 740           | 766                   |
| 317   | 0     | 0     | 16    | 18    | 14    | 45            | 0.34          | 0.39          | 0.31          | 729          | 740           | 761                   |
| 320   | 0     | 0     | 15    | 17    | 14    | 45            | 0.34          | 0.38          | 0.31          | 717          | 740           | 748                   |
| 324   | 0     | 0     | 15    | 17    | 14    | 44            | 0.34          | 0.38          | 0.31          | 710          | 740           | 741                   |
| 328   | 0     | 0     | 15    | 16    | 13    | 44            | 0.35          | 0.37          | 0.30          | 696          | 730           | 726                   |
| 331   | 0     | 0     | 15    | 16    | 13    | 45            | 0.35          | 0.36          | 0.29          | 686          | 730           | 716                   |
| 335   | 0     | 0     | 15    | 16    | 13    | 47            | 0.32          | 0.33          | 0.27          | 671          | 740           | 700                   |
| 338   | 0     | 0     | 15    | 16    | 12    | 48            | 0.31          | 0.33          | 0.26          | 664          | 720           | 693                   |
| 342   | 0     | 0     | 14    | 15    | 12    | 48            | 0.29          | 0.32          | 0.25          | 647          | 720           | 675                   |
| 346   | 0     | 0     | 15    | 16    | 12    | 49            | 0.30          | 0.32          | 0.25          | 658          | 720           | 687                   |
| 349   | 0     | 0     | 15    | 16    | 12    | 47            | 0.32          | 0.33          | 0.26          | 661          | 730           | 690                   |
| 353   | 0     | 0     | 15    | 16    | 13    | 46            | 0.33          | 0.35          | 0.28          | 671          | 720           | 700                   |
| 356   | 0     | 0     | 15    | 16    | 13    | 47            | 0.32          | 0.33          | 0.27          | 669          | 720           | 698                   |

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