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DEPARTMENT OF DEFENCE

DEFENCE SCIENCE AND TECHNOLOGY ORGANISATION

ELECTRONICS RESEARCH LABORATORY

DEFENCE RESEARCH CENTRE SALISBURY
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TECHNICAL REPORT

ERL-0086-TR

TABLES OF RADAR CROSS SECTIONS OF HEMISPHERES ON PERFECTLY CONDUCTING GROUND PLANES

J.L. WHITROW

Approved for Public Release

JULY 1979

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It is proposed that a hemisphere be used as the standard target when radar cross section measurements must be made of a target on or near a ground plane. These tables enable the radar cross section of any hemisphere whose radius is in the range 0.1 to 10.0 wavelengths to be determined for angles of observation up to 30° from the horizontal. Asymptotic expressions are presented for hemispheres outside the size range of the tables.

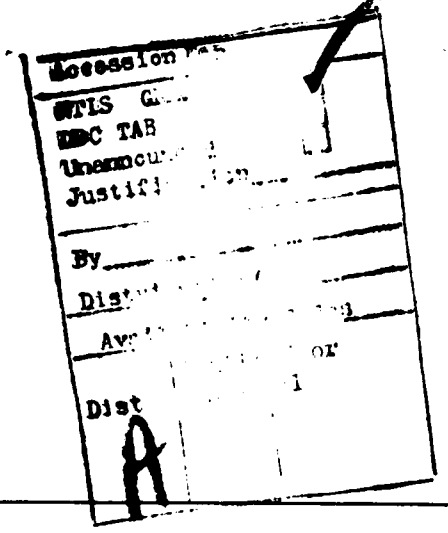

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TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

1. INTRODUCTION

A sphere is commonly used as the standard target in the calibration of radar cross section measurements because its backscatter cross section is invariant with aspect angle and is readily calculable to any desired order of accuracy. If however, the target undergoing measurement is located on or near a ground plane, complications arise if a sphere is to be used as the standard target because of the additional ray paths introduced between the radar and the sphere by reflections from the ground plane, and because the sphere can couple to itself, thus modifying its scattering characteristics, by other reflections from the ground plane. In general therefore the radar cross section of a sphere above a ground plane is not readily predictable, and will be strongly dependent upon the height of the sphere above the ground plane and the aspect angle. Thus the generally desirable properties of the sphere in isolation are no longer evident.

A simple alternative is to place a hemisphere on a perfectly conducting ground plane. The method of images may be used to show that this system is equivalent to a sphere in free space illuminated by two measurement radars which subtend an angle at the sphere equal to twice the angle of incidence subtended by the radar above the ground plane to the hemisphere. Only the signal which returns to the upper radar needs to be determined. Thus the scattered field reduces to the sum of a direct backscattered signal and a bistatic signal, both of which are readily calculable via the classic Mie series(refs.1,2). Note that the ray path lengths for these two signals are equal so that the problem of change of phasing of the signals with aspect angle that occurs with the sphere located above the ground plane does not arise.

The radar cross section σ, of a target is formally defined by the expression

$$\sigma = \lim_{r \to \infty} 4\pi r^2 \frac{|E^s|^2}{|E^i|^2} \qquad (1)$$

where r is the distance from the target to the point at which the scattered electric field E^s is measured, and E^i is the amplitude of the electric field of the uniform plane wave illuminating the target. A potential problem of definition can arise when the target is located near a ground plane for the incident field can be considered as arising from a direct ray and a ground reflected ray. Near grazing incidence with transverse magnetic polarisation, for example, the total incident field would be twice that at a target illuminated by the same radar in free space. It appears preferable from the point of using the radar equation to have the incident field defined in terms of the radar's parameters, and not in terms of the environment of the target. We have therefore chosen to define the cross section of the hemisphere relative to the field incident if the ground plane were absent.

Previously published tables of the radar cross sections of spheres(refs.3,4) are not applicable in the case of the hemisphere because no phase or bistatic data is included therein. Other tables of bistatic data(ref.5) are not particularly useful because of the need to add two complex quantities to determine the cross section of the hemisphere and because of their limited range of sphere diameters. In the tables presented in this report we have calculated the cross section of hemispheres in intervals of 1^o for aspect angles up to 30^o, and for radii from 0.1 to 10.0 wavelengths.

The tables have been further enlarged by the need to consider both transverse electric and transverse magnetic polarised incident fields because of the differing scattering characteristics of the hemisphere when illuminated by these fields. In previously published tables(ref.3,4), we included the radar cross section relative to one square wavelength, and in decibels relative to one square wavelength. Since preparing those tables we have found that as we commonly

record signal levels in decibels in our measuring facilities, little use has been made of the tables relative to one square wavelength. Because of the extent of these tables, we have elected to present the radar cross section in decibels only.

Supplementary tables have been included to assist in the computation of the radar cross section of hemispheres.

2. SCATTERING BY AN ISOLATED SPHERE

The field scattered by a perfectly conducting sphere illuminated by a plane wave may be expressed as the sum of an infinite series of spherical vector wave functions, a result attributed to Mie(ref.1). This solution of the problem may be regarded as exact in the sense that the scattered field may be determined to any desired accuracy by summing a sufficiently large number of terms of the series, the number depending upon the accuracy sought and the radius of the sphere.

For the purposes of this work, it will be convenient to assume that the sphere, of radius a, is illuminated by a wave, polarised in the x direction, moving in the direction of the -z axis of the x,y,z rectangular cartesian system (figure 1). The incident electric field thus is of the form

$$\underset{\sim}{E}^{i} = E_o \exp(ikz)\,\hat{x} \tag{2}$$

where $\hat{x}$ denotes a unit vector in the x direction. The time harmonic dependence of the electric field, $\exp(i\omega t)$ has been suppressed in this, and all subsequent expressions. At an arbitrary point in space (r,θ,ϕ) sufficiently far from the sphere ($r >> a$) the Mie series for the scattered electric field simplifies to (ref.2).

$$\underset{\sim}{E}^{s}(r,\theta,\phi) = E_o \frac{\exp(-ikr)}{kr} \left[\cos\phi\, S_1(\theta)\,\hat{\theta} - \sin\phi\, S_2(\theta)\,\hat{\phi}\right] \tag{3}$$

where

$$S_1(\theta) = \sum_{n=1}^{\infty} (i)^{n+1} \left[A_n \frac{P_n^1(\cos\theta)}{\sin\theta} - i\, B_n \frac{d}{d\theta} P_n^1(\cos\theta)\right] \tag{4}$$

$$S_2(\theta) = \sum_{n=1}^{\infty} (i)^{n+1} \left[A_n \frac{d}{d\theta} P_n^1(\cos\theta) - i\, B_n \frac{P_n^1(\cos\theta)}{\sin\theta}\right] \tag{5}$$

For a perfectly conducting sphere the coefficients A_n and B_n are

$$A_n = -(i)^n \frac{2n+1}{n(n+1)} \frac{j_n(ka)}{h_n^{(2)}(ka)} \tag{6}$$

$$B_n = (i)^{n+1} \frac{2n+1}{n\,(n+1)} \frac{[ka\, j_n(ka)]'}{[ka\, h_n^{(2)}(ka)]'} \tag{7}$$

where the prime denotes differentation with respect to ka.

In the special case, $\theta = 0$, corresponding to the calculation of the backscattered field, it is necessary to replace the terms involving the associated Legendre polynomials in equations (4) and (5) by their asymptotic limits.

$$\lim_{\theta \to 0} \frac{P_n^1(\cos\theta)}{\sin\theta} = -\frac{n(n+1)}{2} \tag{8}$$

$$\lim_{\theta \to 0} \frac{d}{d\theta} P_n^1(\cos\theta) = -\frac{n(n+1)}{2} \tag{9}$$

3. SCATTERING OF A TRANSVERSE MAGNETIC POLARISED INCIDENT FIELD BY A HEMISPHERE

3.1 General solution

Suppose now that the hemisphere is placed on an infinite perfectly conducting plane and is illuminated by a transverse magnetic plane wave propagating at an angle ψ to the x axis (figure 2). Then the field backscattered by the hemisphere towards the source of radiation will consist of two terms; a direct backscattered signal the same as that of a sphere in isolation, and a term corresponding to bistatic scattering by an isolated sphere through an angle 2ψ. The first of these is $E_\theta^s(r,0,0)$ as defined in equation (3) and the second $E_\theta^s(r,2\psi,0)$. (Note that our interest is directed only towards the components of the scattered field in the plane of polarisation of the incident field - in fact, though, no cross polarised field components are created in backscattering from the hemisphere). We thus find that

$$E_V^s = E_o \frac{\exp(-ikr)}{kr} [S_1(0) + S_1(2\psi)] \tag{10}$$

where

$$S_1(0) + S_1(2\psi) = \sum_{n=1}^{\infty} (i)^{n+1} \left[An \left(-\frac{n(n+1)}{2} + \frac{P_n^1(\cos 2\psi)}{\sin 2\psi} \right) - iB_n \left(-\frac{n(n+1)}{2} + \frac{d}{d\theta} P_n^1(\cos\theta)\Big|_{\theta=2\psi} \right) \right] \tag{11}$$

It is then relatively simple to show that

$$\sigma_V = \frac{\lambda^2}{\pi} \left| S_1(0) + S_1(2\psi) \right|^2 \tag{12}$$

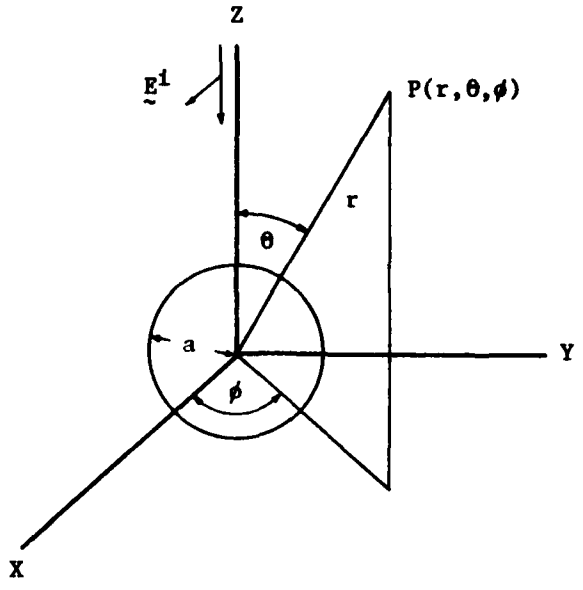

Figure 1. Scattering geometry for an isolated sphere

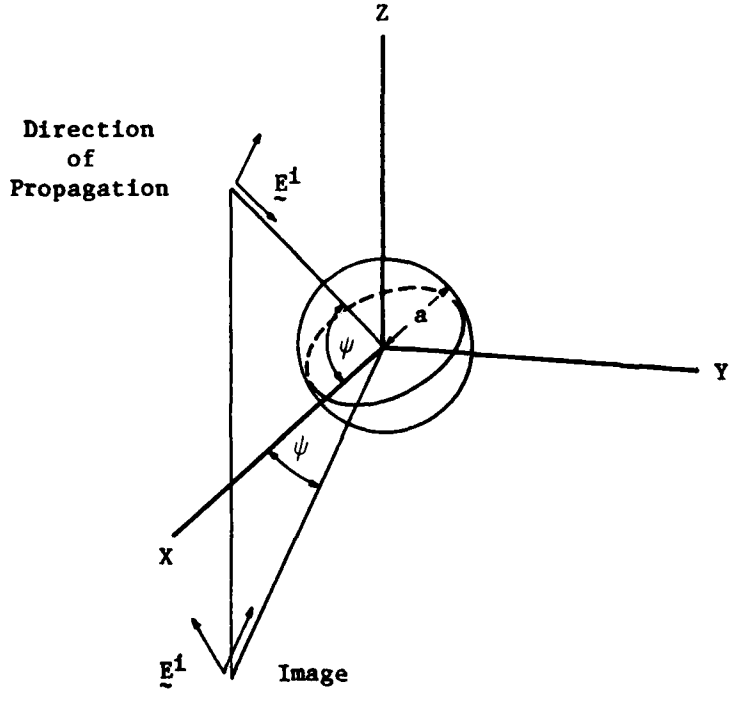

Figure 2. Scattering geometry for a transverse magnetic polarised wave

3.2 Approximate solution for the low frequency region

If the sphere radius is less than 0.1 λ, only the first two terms in the series for the radar cross section (equation 11) are significant. An expression suitable for use on a desk calculator may be deduced by expanding the spherical Bessel functions in these terms in power series in ka, retaining only the first and second order terms. Then:

$$\sigma_V = \frac{\lambda^2 (ka)^6}{\pi} \left[2 + \cos 2\psi - \frac{(ka)^2}{180} (79 - 44 \cos 2\psi + 15 \cos 4\psi) \right]^2 \qquad (13)$$

The error in this expression is less than 0.25 dB for all values of ψ up to 30^o, the range up to which the tables extend, and for a up to 0.1 λ. Typically the error is much less than this. If the sphere radius is less than 0.05 λ then the second order terms in equation (13) may be ignored, and the approximation reduces to:

$$\sigma_V = \frac{\lambda^2 (ka)^6}{\pi} [2 + \cos 2\psi]^2 \qquad (14)$$

with an error no greater than 0.1 dB for ψ up to 30^o.

3.3 Approximate solution for the high frequency region

If the sphere radius is greater than a few wavelengths, the Mie series for the scattered field may be transformed using a Watson transformation into an alternative series, the terms of which can be identified as a direct reflection from the specular point on the sphere, and a series of creeping waves propagating around the sphere. If the radius is of the order of 10 wavelengths the specular term dominates the scattered field and a particularly simple expression for the radar cross section may be obtained.

From (reference 4, p 156) for $a > 10 \lambda$

$$S_1(\theta) = S_2(\theta)$$

$$= -\tfrac{1}{2} ka \exp [+i2ka \cos (\tfrac{\theta}{2})] \qquad (15)$$

It then follows from(ref.12) that:

$$\sigma_V = \pi a^2 | 1 + \exp [i2ka (1-\cos\psi)] |^2 \qquad (16)$$

4. SCATTERING OF A TRANSVERSE ELECTRIC POLARISED INCIDENT FIELD BY A HEMISPHERE

4.1 General solution

If the hemisphere on the ground plane is illuminated by a transverse electric polarised wave, the magnitude of the backscattered field will differ from that with a transverse magnetic polarised wave. It is relatively straightforward to show from equation (3) that

$$E_H^s = E_o \cdot \frac{\exp(-ikr)}{kr} \cdot [S_1(0) - S_2(2\psi)] \qquad (17)$$

with

$$S_1(0) - S_2(2\psi) = \sum_{n=1}^{\infty} (i)^{n+1} \left[A_n \left(-\frac{n(n+1)}{2} - \frac{d}{d\theta} P_n^1(\cos\theta)\Big|_{\theta=2\psi} \right) - iB_n \left(-\frac{n(n+1)}{2} - \frac{P_n^1(\cos 2\psi)}{\sin 2\psi} \right) \right] \quad (18)$$

The radar cross section then follows from

$$\sigma_H = \frac{\lambda^2}{\pi} \left| S(0) - S_2(2\psi) \right|^2 \quad (19)$$

It is worth noting that in this case, as ψ tends to 0, σ_H also tends to 0. Where the total radar cross section is typically more than 30 dB below a square wavelength it is doubtful whether the hemisphere is useful as a standard as residual reflections within the measurement system will have to be reduced to an extremely small value if the accuracy of the standard is to be realised.

4.2 Approximate solution for the low frequency region

The analogous result to equation (13) for the transverse electric polarised wave is not satisfactory as an approximation for σ_H for a less than 0.1 λ because of the less rapid convergence of the initial terms of equation (18). The error is as great as 1 dB for all angles of incidence with a = 0.1 λ. The absence of a suitable expansion may be of little consequence in practice, though, because of the general unsuitability noted above of the use of the hemisphere as a reference target for transverse electric polarisation when the cross section is more than 30 dB below a square wavelength, as occurs for this range of values of a and ψ.

4.3 Approximate solution for the high frequency region

If the radius of the sphere is greater than 10 wavelengths the specular reflection from the sphere will dominate the scattered field. The terms $S_1(\theta)$ and $S_2(\theta)$ again take the limiting values expressed in equation (15). It then follows that:

$$\sigma_H = \pi a^2 \left| 1 - \exp\{i2ka(1-\cos\psi)\} \right|^2 \quad (20)$$

5. COMPILATION OF THE TABLES

Four tables have been included in this work. They are:

Table 1 The wavelength of electromagnetic waves in air, in centimetres, for frequencies from 1000 to 9990 MHz.

Table 2 The square wavelength of electromagnetic waves in air, in decibels relative to 1 m^2 for frequencies from 1000 to 9990 MHz.

Table 3 The radar cross section of a hemisphere illuminated by a transverse magnetic polarised wave.

Table 4 The radar cross section of a hemisphere illuminated by a transverse electric polarised wave.

In preparing Tables 1 and 2 the velocity of light in free space was taken as 2.997925×10^{10} cm/s, and the dielectric constant of air (at 20°C) as 1.000596.

Tables 3 and 4 were prepared by summing the first 2ka + 20 terms of equations (11) and (18) respectively. No variation to the accuracy tabulated of the values of the radar cross sections of selected samples was noted if the first 198 terms were summed. The tables are therefore expected to be accurate to the number of figures presented.

Note that in Tables 3 and 4 the polarisations are referred to as vertical and horizontal, corresponding, in the first case approximately, to the directions of the electric field vectors. Strictly in the first case the electric field vector is θ directed. As the tables are compiled only for small angles of incidence no confusion is likely to result in the practical calibration of radar cross section measurements.

6. USE OF THE TABLES

The use of the tables is best illustrated by a few examples.

Example 1

Calculate the radar cross section of a 20 cm diameter hemisphere at 7500 MHz, at an angle of incidence of 8°, for transverse magnetic polarisation.

(1) from Table 1, wavelength in air at 7500 MHz = 3.996 cm

(2) hemisphere radius in wavelengths = 10/3.996 = 2.502

(3) from Table 3, echo area of hemisphere per square wavelength = 18.92 dB

(4) from Table 2, square wavelengths per square metre at 7500 MHz = -27.97 dB

(5) adding items (3) and (4), echo area relative to 1 m^2 = -9.05 dB

Example 2

Calculate the radar cross section of a 1 cm diameter hemisphere at 4000 MHz at an angle of incidence of 30°, for transverse magnetic polarisation.

(1) from Table 1, wavelength in air at 4000 MHz = 7.493 cm

(2) hemisphere radius in wavelengths = 0.5/7.493 = 0.0667

(3) from equation (13):

$\sigma = 17.87 \times (0.419)^6 \times (2.5 - 0.0483)^2$ = 0.58 cm^2

(4) echo area in decibels relative to 1 m^2 = -42.4 dB

Example 3

Calculate the radar cross section of a 1 m diameter hemisphere at 9000 MHz at an angle of incidence of 30°, for transverse electric polarisation.

(1) from Table 1, wavelength in air at 9000 MHz = 3.330 cm

(2) hemisphere radius in wavelengths = 50/3.330 = 15.02

(3) from equation 20

$\sigma = \pi \times (0.5)^2 |1 - \exp(i\, 25.28^{\circ})|^2$ = 0.15 sq. m

(4) echo area in decibels relative to 1 m^2 = -8.23 dB

NOTATION

a	radius of hemisphere
k	wavenumber of incident field ($= \frac{2\pi}{\lambda}$)
(r,θ,ϕ)	spherical polar coordinate system
(x,y,z)	rectangular cartesian coordinate system
E_o	amplitude of electric field incident on hemisphere
E_V^s	total electric field scattered by hemisphere with transverse magnetic polarised incident field
E_H^s	total electric field scattered by hemisphere with transverse electric polarised incident field
$j_n(x)$	spherical Bessel function of the first kind
$h_n^{(2)}(x)$	spherical Hankel function of the second kind
$P_n^1(x)$	associated Lengendre polynomial of the first kind
σ	radar cross section
λ	wavelength of incident field
ψ	angle of incident field to horizontal plane
ω	angular frequency of incident field
i	$\sqrt{-1}$
$\hat{x}$	unit vector in direction of x axis

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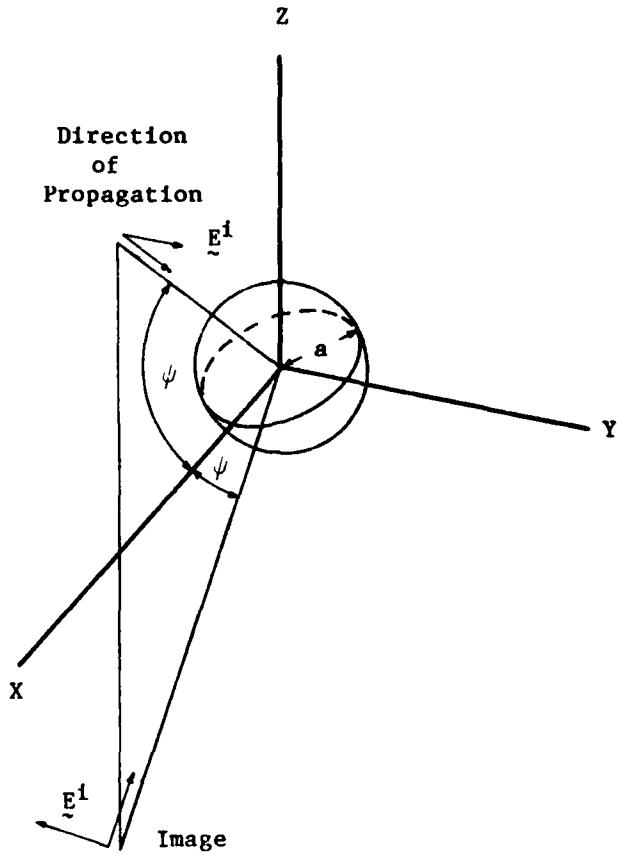

Figure 3. Scattering geometry for a transverse electric polarised wave

TABLE 1. THE WAVELENGTH OF ELECTROMAGNETIC WAVES IN AIR, IN CENTIMETRES, FOR FREQUENCIES FROM 1000 TO 9990 MHz

WAVELENGTH OF ELECTROMAGNETIC WAVES IN AIR
WAVELENGTH IN CENTIMETRES, FREQUENCY IN MEGAHERTZ

FREQ	00	10	20	30	40	50	60	70	80	90
1000.	29.970	29.674	29.383	29.097	28.818	28.543	28.274	28.010	27.750	27.496
1100.	27.246	27.000	26.759	26.522	26.290	26.061	25.836	25.616	25.399	25.185
1200.	24.975	24.769	24.566	24.366	24.170	23.976	23.786	23.599	23.414	23.233
1300.	23.054	22.878	22.705	22.534	22.366	22.200	22.037	21.876	21.718	21.561
1400.	21.407	21.256	21.106	20.958	20.813	20.669	20.528	20.388	20.250	20.114
1500.	19.980	19.848	19.717	19.588	19.461	19.336	19.212	19.089	18.969	18.849
1600.	18.731	18.615	18.500	18.387	18.275	18.164	18.054	17.946	17.839	17.734
1700.	17.630	17.527	17.425	17.324	17.224	17.126	17.029	16.932	16.837	16.743
1800.	16.650	16.558	16.467	16.377	16.288	16.200	16.113	16.027	15.942	15.857
1900.	15.774	15.691	15.610	15.529	15.449	15.369	15.291	15.213	15.137	15.060
2000.	14.985	14.911	14.837	14.764	14.691	14.620	14.549	14.478	14.409	14.340
2100.	14.272	14.204	14.137	14.071	14.005	13.940	13.875	13.811	13.748	13.685
2200.	13.623	13.561	13.500	13.440	13.380	13.320	13.261	13.203	13.145	13.087
2300.	13.031	12.974	12.918	12.863	12.808	12.753	12.699	12.646	12.593	12.540
2400.	12.488	12.436	12.384	12.333	12.283	12.233	12.183	12.134	12.085	12.036
2500.	11.988	11.940	11.893	11.846	11.799	11.753	11.707	11.662	11.616	11.572
2600.	11.527	11.483	11.439	11.396	11.352	11.310	11.267	11.225	11.183	11.141
2700.	11.100	11.059	11.019	10.978	10.938	10.898	10.859	10.820	10.781	10.742
2800.	10.704	10.666	10.628	10.590	10.553	10.516	10.479	10.443	10.406	10.370
2900.	10.335	10.299	10.264	10.229	10.194	10.159	10.125	10.091	10.057	10.024
3000.	9.990	9.957	9.924	9.891	9.859	9.826	9.794	9.762	9.731	9.699
3100.	9.668	9.637	9.606	9.575	9.545	9.514	9.484	9.454	9.425	9.395
3200.	9.366	9.337	9.308	9.279	9.250	9.222	9.193	9.165	9.137	9.110
3300.	9.082	9.054	9.027	9.000	8.973	8.946	8.920	8.893	8.867	8.841
3400.	8.815	8.789	8.763	8.738	8.712	8.687	8.662	8.637	8.612	8.587
3500.	8.563	8.539	8.514	8.490	8.466	8.442	8.419	8.395	8.372	8.348
3600.	8.325	8.302	8.279	8.256	8.234	8.211	8.189	8.166	8.144	8.122
3700.	8.100	8.078	8.057	8.035	8.013	7.992	7.971	7.950	7.929	7.908
3800.	7.887	7.866	7.846	7.825	7.805	7.785	7.764	7.744	7.724	7.704
3900.	7.685	7.665	7.645	7.626	7.607	7.587	7.568	7.549	7.530	7.511
4000.	7.493	7.474	7.455	7.437	7.418	7.400	7.382	7.364	7.346	7.328
4100.	7.310	7.292	7.274	7.257	7.239	7.222	7.204	7.187	7.170	7.153
4200.	7.136	7.119	7.102	7.085	7.068	7.052	7.035	7.019	7.002	6.986
4300.	6.970	6.954	6.938	6.922	6.906	6.890	6.874	6.858	6.843	6.827
4400.	6.811	6.796	6.781	6.765	6.750	6.735	6.720	6.705	6.690	6.675
4500.	6.660	6.645	6.631	6.616	6.601	6.587	6.572	6.558	6.544	6.529
4600.	6.515	6.501	6.487	6.473	6.459	6.445	6.431	6.418	6.404	6.390
4700.	6.377	6.363	6.350	6.336	6.323	6.310	6.296	6.283	6.270	6.257
4800.	6.244	6.231	6.218	6.205	6.192	6.179	6.167	6.154	6.141	6.129
4900.	6.116	6.104	6.092	6.079	6.067	6.055	6.042	6.030	6.018	6.006
5000.	5.994	5.982	5.970	5.958	5.946	5.935	5.923	5.911	5.900	5.888
5100.	5.877	5.865	5.854	5.842	5.831	5.819	5.808	5.797	5.786	5.775
5200.	5.764	5.752	5.741	5.730	5.720	5.709	5.698	5.687	5.676	5.665
5300.	5.655	5.644	5.634	5.623	5.612	5.602	5.591	5.581	5.571	5.560
5400.	5.550	5.540	5.530	5.519	5.509	5.499	5.489	5.479	5.469	5.459

TABLE 1(CONTD.).

WAVELENGTH OF ELECTROMAGNETIC WAVES IN AIR
WAVELENGTH IN CENTIMETRES,FREQUENCY IN MEGAHERTZ

FREQ	00	10	20	30	40	50	60	70	80	90
5500.	5.449	5.439	5.429	5.420	5.410	5.400	5.390	5.381	5.371	5.361
5600.	5.352	5.342	5.333	5.323	5.314	5.304	5.295	5.286	5.276	5.267
5700.	5.258	5.249	5.240	5.230	5.221	5.212	5.203	5.194	5.185	5.176
5800.	5.167	5.158	5.150	5.141	5.132	5.123	5.114	5.106	5.097	5.088
5900.	5.080	5.071	5.063	5.054	5.046	5.037	5.029	5.020	5.012	5.003
6000.	4.995	4.987	4.978	4.970	4.962	4.954	4.946	4.937	4.929	4.921
6100.	4.913	4.905	4.897	4.889	4.881	4.873	4.865	4.857	4.850	4.842
6200.	4.834	4.826	4.818	4.811	4.803	4.795	4.788	4.780	4.772	4.765
6300.	4.757	4.750	4.742	4.735	4.727	4.720	4.712	4.705	4.698	4.690
6400.	4.683	4.676	4.668	4.661	4.654	4.647	4.639	4.632	4.625	4.618
6500.	4.611	4.604	4.597	4.590	4.583	4.576	4.569	4.562	4.555	4.548
6600.	4.541	4.534	4.527	4.520	4.514	4.507	4.500	4.493	4.487	4.480
6700.	4.473	4.467	4.460	4.453	4.447	4.440	4.433	4.427	4.420	4.414
6800.	4.407	4.401	4.394	4.388	4.382	4.375	4.369	4.362	4.356	4.350
6900.	4.344	4.337	4.331	4.325	4.318	4.312	4.306	4.300	4.294	4.288
7000.	4.281	4.275	4.269	4.263	4.257	4.251	4.245	4.239	4.233	4.227
7100.	4.221	4.215	4.209	4.203	4.198	4.192	4.186	4.180	4.174	4.168
7200.	4.163	4.157	4.151	4.145	4.140	4.134	4.128	4.122	4.117	4.111
7300.	4.106	4.100	4.094	4.089	4.083	4.078	4.072	4.067	4.061	4.056
7400.	4.050	4.045	4.039	4.034	4.028	4.023	4.017	4.012	4.007	4.001
7500.	3.996	3.991	3.985	3.980	3.975	3.970	3.964	3.959	3.954	3.949
7600.	3.943	3.938	3.933	3.928	3.923	3.918	3.913	3.907	3.902	3.897
7700.	3.892	3.887	3.882	3.877	3.872	3.867	3.862	3.857	3.852	3.847
7800.	3.842	3.837	3.833	3.828	3.823	3.818	3.813	3.808	3.803	3.799
7900.	3.794	3.789	3.784	3.779	3.775	3.770	3.765	3.760	3.756	3.751
8000.	3.746	3.742	3.737	3.732	3.728	3.723	3.718	3.714	3.709	3.705
8100.	3.700	3.695	3.691	3.686	3.682	3.677	3.673	3.668	3.664	3.659
8200.	3.655	3.650	3.646	3.642	3.637	3.633	3.628	3.624	3.620	3.615
8300.	3.611	3.607	3.602	3.598	3.594	3.589	3.585	3.581	3.576	3.572
8400.	3.568	3.564	3.559	3.555	3.551	3.547	3.543	3.538	3.534	3.530
8500.	3.526	3.522	3.518	3.514	3.509	3.505	3.501	3.497	3.493	3.489
8600.	3.485	3.481	3.477	3.473	3.469	3.465	3.461	3.457	3.453	3.449
8700.	3.445	3.441	3.437	3.433	3.429	3.425	3.421	3.417	3.413	3.410
8800.	3.406	3.402	3.398	3.394	3.390	3.386	3.383	3.379	3.375	3.371
8900.	3.367	3.364	3.360	3.356	3.352	3.349	3.345	3.341	3.337	3.334
9000.	3.330	3.326	3.323	3.319	3.315	3.312	3.308	3.304	3.301	3.297
9100.	3.293	3.290	3.286	3.283	3.279	3.275	3.272	3.268	3.265	3.261
9200.	3.258	3.254	3.251	3.247	3.244	3.240	3.237	3.233	3.230	3.226
9300.	3.223	3.219	3.216	3.212	3.209	3.205	3.202	3.199	3.195	3.192
9400.	3.188	3.185	3.182	3.178	3.175	3.171	3.168	3.165	3.161	3.158
9500.	3.155	3.151	3.148	3.145	3.142	3.138	3.135	3.132	3.128	3.125
9600.	3.122	3.119	3.115	3.112	3.109	3.106	3.103	3.099	3.096	3.093
9700.	3.090	3.087	3.083	3.080	3.077	3.074	3.071	3.068	3.064	3.061
9800.	3.058	3.055	3.052	3.049	3.046	3.043	3.040	3.037	3.033	3.030
9900.	3.027	3.024	3.021	3.018	3.015	3.012	3.009	3.006	3.003	3.000

TABLE 2. THE SQUARE WAVELENGTH OF ELECTROMAGNATIC WAVES IN AIR, IN DECIBELS RELATIVE TO 1 M^2 FOR FREQUENCIES FROM 1000 TO 9990 MHz

WAVELENGTH **2 OF ELECTROMAGNETIC WAVES RELATIVE TO 1 SQUARE METRE IN DECIBELS
FREQUENCY IN MEGAHERTZ

FREQ	00	10	20	30	40	50	60	70	80	90
1000.	-10.47	-10.55	-10.64	-10.72	-10.81	-10.89	-10.97	-11.05	-11.13	-11.21
1100.	-11.29	-11.37	-11.45	-11.53	-11.60	-11.68	-11.76	-11.83	-11.90	-11.98
1200.	-12.05	-12.12	-12.19	-12.26	-12.33	-12.40	-12.47	-12.54	-12.61	-12.68
1300.	-12.75	-12.81	-12.88	-12.94	-13.01	-13.07	-13.14	-13.20	-13.26	-13.33
1400.	-13.39	-13.45	-13.51	-13.57	-13.63	-13.69	-13.75	-13.81	-13.87	-13.93
1500.	-13.99	-14.05	-14.10	-14.16	-14.22	-14.27	-14.33	-14.38	-14.44	-14.49
1600.	-14.55	-14.60	-14.66	-14.71	-14.76	-14.82	-14.87	-14.92	-14.97	-15.02
1700.	-15.08	-15.13	-15.18	-15.23	-15.28	-15.33	-15.38	-15.43	-15.47	-15.52
1800.	-15.57	-15.62	-15.67	-15.72	-15.76	-15.81	-15.86	-15.90	-15.95	-16.00
1900.	-16.04	-16.09	-16.13	-16.18	-16.22	-16.27	-16.31	-16.36	-16.40	-16.44
2000.	-16.49	-16.53	-16.57	-16.62	-16.66	-16.70	-16.74	-16.79	-16.83	-16.87
2100.	-16.91	-16.95	-16.99	-17.03	-17.07	-17.11	-17.16	-17.20	-17.24	-17.28
2200.	-17.31	-17.35	-17.39	-17.43	-17.47	-17.51	-17.55	-17.59	-17.62	-17.66
2300.	-17.70	-17.74	-17.78	-17.81	-17.85	-17.89	-17.92	-17.96	-18.00	-18.03
2400.	-18.07	-18.11	-18.14	-18.18	-18.21	-18.25	-18.28	-18.32	-18.36	-18.39
2500.	-18.42	-18.46	-18.49	-18.53	-18.56	-18.60	-18.63	-18.66	-18.70	-18.73
2600.	-18.77	-18.80	-18.83	-18.87	-18.90	-18.93	-18.96	-19.00	-19.03	-19.06
2700.	-19.09	-19.13	-19.16	-19.19	-19.22	-19.25	-19.28	-19.32	-19.35	-19.38
2800.	-19.41	-19.44	-19.47	-19.50	-19.53	-19.56	-19.59	-19.62	-19.65	-19.68
2900.	-19.71	-19.74	-19.77	-19.80	-19.83	-19.86	-19.89	-19.92	-19.95	-19.98
3000.	-20.01	-20.04	-20.07	-20.10	-20.12	-20.15	-20.18	-20.21	-20.24	-20.27
3100.	-20.29	-20.32	-20.35	-20.38	-20.40	-20.43	-20.46	-20.49	-20.51	-20.54
3200.	-20.57	-20.60	-20.62	-20.65	-20.68	-20.70	-20.73	-20.76	-20.78	-20.81
3300.	-20.84	-20.86	-20.89	-20.92	-20.94	-20.97	-20.99	-21.02	-21.04	-21.07
3400.	-21.10	-21.12	-21.15	-21.17	-21.20	-21.22	-21.25	-21.27	-21.30	-21.32
3500.	-21.35	-21.37	-21.40	-21.42	-21.45	-21.47	-21.50	-21.52	-21.54	-21.57
3600.	-21.59	-21.62	-21.64	-21.66	-21.69	-21.71	-21.74	-21.76	-21.78	-21.81
3700.	-21.83	-21.85	-21.88	-21.90	-21.92	-21.95	-21.97	-21.99	-22.02	-22.04
3800.	-22.06	-22.08	-22.11	-22.13	-22.15	-22.18	-22.20	-22.22	-22.24	-22.27
3900.	-22.29	-22.31	-22.33	-22.35	-22.38	-22.40	-22.42	-22.44	-22.46	-22.49
4000.	-22.51	-22.53	-22.55	-22.57	-22.59	-22.62	-22.64	-22.66	-22.68	-22.70
4100.	-22.72	-22.74	-22.76	-22.79	-22.81	-22.83	-22.85	-22.87	-22.89	-22.91
4200.	-22.93	-22.95	-22.97	-22.99	-23.01	-23.03	-23.05	-23.07	-23.10	-23.12
4300.	-23.14	-23.16	-23.18	-23.20	-23.22	-23.24	-23.26	-23.28	-23.30	-23.32
4400.	-23.34	-23.35	-23.37	-23.39	-23.41	-23.43	-23.45	-23.47	-23.49	-23.51
4500.	-23.53	-23.55	-23.57	-23.59	-23.61	-23.63	-23.65	-23.66	-23.68	-23.70
4600.	-23.72	-23.74	-23.76	-23.78	-23.80	-23.82	-23.83	-23.85	-23.87	-23.89
4700.	-23.91	-23.93	-23.95	-23.96	-23.98	-24.00	-24.02	-24.04	-24.05	-24.07
4800.	-24.09	-24.11	-24.13	-24.15	-24.16	-24.18	-24.20	-24.22	-24.23	-24.25
4900.	-24.27	-24.29	-24.31	-24.32	-24.34	-24.36	-24.38	-24.39	-24.41	-24.43
5000.	-24.45	-24.46	-24.48	-24.50	-24.51	-24.53	-24.55	-24.57	-24.58	-24.60
5100.	-24.62	-24.63	-24.65	-24.67	-24.69	-24.70	-24.72	-24.74	-24.75	-24.77
5200.	-24.79	-24.80	-24.82	-24.84	-24.85	-24.87	-24.89	-24.90	-24.92	-24.94
5300.	-24.95	-24.97	-24.98	-25.00	-25.02	-25.03	-25.05	-25.07	-25.08	-25.10
5400.	-25.11	-25.13	-25.15	-25.16	-25.18	-25.19	-25.21	-25.23	-25.24	-25.26

TABLE 2(CONTD.).

WAVELENGTH **2 OF ELECTROMAGNETIC WAVES RELATIVE TO 1 SQUARE METRE IN DECIBELS
FREQUENCY IN MEGAHERTZ

FREQ	00	10	20	30	40	50	60	70	80	90
5500.	-25.27	-25.29	-25.30	-25.32	-25.34	-25.35	-25.37	-25.38	-25.40	-25.41
5600.	-25.43	-25.45	-25.46	-25.48	-25.49	-25.51	-25.52	-25.54	-25.55	-25.57
5700.	-25.58	-25.60	-25.61	-25.63	-25.64	-25.66	-25.67	-25.69	-25.70	-25.72
5800.	-25.73	-25.75	-25.76	-25.78	-25.79	-25.81	-25.82	-25.84	-25.85	-25.87
5900.	-25.88	-25.90	-25.91	-25.93	-25.94	-25.96	-25.97	-25.99	-26.00	-26.01
6000.	-26.03	-26.04	-26.06	-26.07	-26.09	-26.10	-26.12	-26.13	-26.14	-26.16
6100.	-26.17	-26.19	-26.20	-26.22	-26.23	-26.24	-26.26	-26.27	-26.29	-26.30
6200.	-26.31	-26.33	-26.34	-26.36	-26.37	-26.38	-26.40	-26.41	-26.43	-26.44
6300.	-26.45	-26.47	-26.48	-26.49	-26.51	-26.52	-26.54	-26.55	-26.56	-26.58
6400.	-26.59	-26.60	-26.62	-26.63	-26.64	-26.66	-26.67	-26.68	-26.70	-26.71
6500.	-26.72	-26.74	-26.75	-26.76	-26.78	-26.79	-26.80	-26.82	-26.83	-26.84
6600.	-26.86	-26.87	-26.88	-26.90	-26.91	-26.92	-26.94	-26.95	-26.96	-26.97
6700.	-26.99	-27.00	-27.01	-27.03	-27.04	-27.05	-27.07	-27.08	-27.09	-27.10
6800.	-27.12	-27.13	-27.14	-27.15	-27.17	-27.18	-27.19	-27.21	-27.22	-27.23
6900.	-27.24	-27.26	-27.27	-27.28	-27.29	-27.31	-27.32	-27.33	-27.34	-27.36
7000.	-27.37	-27.38	-27.39	-27.41	-27.42	-27.43	-27.44	-27.45	-27.47	-27.48
7100.	-27.49	-27.50	-27.52	-27.53	-27.54	-27.55	-27.56	-27.58	-27.59	-27.60
7200.	-27.61	-27.62	-27.64	-27.65	-27.66	-27.67	-27.68	-27.70	-27.71	-27.72
7300.	-27.73	-27.74	-27.76	-27.77	-27.78	-27.79	-27.80	-27.82	-27.83	-27.84
7400.	-27.85	-27.86	-27.87	-27.89	-27.90	-27.91	-27.92	-27.93	-27.94	-27.96
7500.	-27.97	-27.98	-27.99	-28.00	-28.01	-28.03	-28.04	-28.05	-28.06	-28.07
7600.	-28.08	-28.09	-28.11	-28.12	-28.13	-28.14	-28.15	-28.16	-28.17	-28.18
7700.	-28.20	-28.21	-28.22	-28.23	-28.24	-28.25	-28.26	-28.27	-28.29	-28.30
7800.	-28.31	-28.32	-28.33	-28.34	-28.35	-28.36	-28.37	-28.39	-28.40	-28.41
7900.	-28.42	-28.43	-28.44	-28.45	-28.46	-28.47	-28.48	-28.50	-28.51	-28.52
8000.	-28.53	-28.54	-28.55	-28.56	-28.57	-28.58	-28.59	-28.60	-28.61	-28.63
8100.	-28.64	-28.65	-28.66	-28.67	-28.68	-28.69	-28.70	-28.71	-28.72	-28.73
8200.	-28.74	-28.75	-28.76	-28.77	-28.78	-28.80	-28.81	-28.82	-28.83	-28.84
8300.	-28.85	-28.86	-28.87	-28.88	-28.89	-28.90	-28.91	-28.92	-28.93	-28.94
8400.	-28.95	-28.96	-28.97	-28.98	-28.99	-29.00	-29.01	-29.02	-29.03	-29.04
8500.	-29.05	-29.06	-29.07	-29.09	-29.10	-29.11	-29.12	-29.13	-29.14	-29.15
8600.	-29.16	-29.17	-29.18	-29.19	-29.20	-29.21	-29.22	-29.23	-29.24	-29.25
8700.	-29.26	-29.27	-29.28	-29.29	-29.30	-29.31	-29.32	-29.33	-29.34	-29.35
8800.	-29.36	-29.37	-29.38	-29.39	-29.40	-29.41	-29.41	-29.42	-29.43	-29.44
8900.	-29.45	-29.46	-29.47	-29.48	-29.49	-29.50	-29.51	-29.52	-29.53	-29.54
9000.	-29.55	-29.56	-29.57	-29.58	-29.59	-29.60	-29.61	-29.62	-29.63	-29.64
9100.	-29.65	-29.66	-29.67	-29.68	-29.69	-29.69	-29.70	-29.71	-29.72	-29.73
9200.	-29.74	-29.75	-29.76	-29.77	-29.78	-29.79	-29.80	-29.81	-29.82	-29.83
9300.	-29.84	-29.85	-29.85	-29.86	-29.87	-29.88	-29.89	-29.90	-29.91	-29.92
9400.	-29.93	-29.94	-29.95	-29.96	-29.97	-29.97	-29.98	-29.99	-30.00	-30.01
9500.	-30.02	-30.03	-30.04	-30.05	-30.06	-30.07	-30.08	-30.08	-30.09	-30.10
9600.	-30.11	-30.12	-30.13	-30.14	-30.15	-30.16	-30.17	-30.17	-30.18	-30.19
9700.	-30.20	-30.21	-30.22	-30.23	-30.24	-30.25	-30.26	-30.26	-30.27	-30.28
9800.	-30.29	-30.30	-30.31	-30.32	-30.33	-30.33	-30.34	-30.35	-30.36	-30.37
9900.	-30.38	-30.39	-30.40	-30.41	-30.41	-30.42	-30.43	-30.44	-30.45	-30.46

TABLE 3. THE RADAR CROSS SECTION OF A HEMISPHERE ILLUMINATED BY A TRANSVERSE MAGNETIC POLARISED WAVE

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 1.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.11	-7.63	-7.17	-6.73	-6.30	-5.88	-5.47	-5.08	-4.70	-4.33
0.12	-3.97	-3.63	-3.29	-2.97	-2.67	-2.37	-2.09	-1.81	-1.55	-1.31
0.14	-1.07	-0.84	-0.63	-0.43	-0.24	-0.06	0.11	0.27	0.42	0.56
0.16	0.69	0.81	0.92	1.02	1.11	1.19	1.26	1.32	1.38	1.43
0.18	1.46	1.49	1.52	1.53	1.54	1.54	1.53	1.51	1.48	1.45
0.20	1.41	1.36	1.30	1.24	1.17	1.08	0.99	0.90	0.79	0.67
0.22	0.55	0.41	0.26	0.11	-0.06	-0.23	-0.42	-0.62	-0.83	-1.05
0.24	-1.28	-1.52	-1.78	-2.04	-2.32	-2.61	-2.90	-3.20	-3.51	-3.82
0.26	-4.12	-4.42	-4.70	-4.96	-5.19	-5.37	-5.51	-5.59	-5.61	-5.57
0.28	-5.45	-5.28	-5.05	-4.76	-4.44	-4.09	-3.72	-3.33	-2.93	-2.53
0.30	-2.13	-1.74	-1.36	-0.98	-0.61	-0.26	0.08	0.41	0.73	1.03
0.32	1.33	1.61	1.87	2.13	2.37	2.61	2.83	3.04	3.24	3.43
0.34	3.62	3.79	3.95	4.10	4.25	4.38	4.51	4.63	4.74	4.84
0.36	4.94	5.02	5.10	5.17	5.24	5.29	5.34	5.38	5.42	5.45
0.38	5.47	5.48	5.49	5.49	5.48	5.47	5.44	5.42	5.38	5.34
0.40	5.29	5.23	5.17	5.10	5.02	4.94	4.85	4.75	4.64	4.53
0.42	4.41	4.29	4.16	4.02	3.88	3.74	3.59	3.43	3.28	3.12
0.44	2.96	2.80	2.64	2.48	2.33	2.18	2.04	1.92	1.80	1.70
0.46	1.61	1.55	1.50	1.47	1.47	1.48	1.52	1.59	1.67	1.77
0.48	1.90	2.04	2.19	2.36	2.54	2.73	2.93	3.13	3.34	3.55
0.50	3.76	3.97	4.17	4.38	4.58	4.78	4.98	5.17	5.36	5.54
0.52	5.71	5.88	6.05	6.21	6.36	6.50	6.64	6.78	6.90	7.02
0.54	7.14	7.25	7.35	7.44	7.53	7.61	7.69	7.76	7.82	7.88
0.56	7.93	7.98	8.02	8.05	8.08	8.10	8.12	8.13	8.13	8.13
0.58	8.12	8.11	8.09	8.06	8.03	7.99	7.95	7.91	7.85	7.80
0.60	7.73	7.67	7.59	7.52	7.44	7.35	7.26	7.17	7.08	6.98
0.62	6.88	6.78	6.67	6.57	6.46	6.36	6.26	6.16	6.06	5.97
0.64	5.88	5.79	5.72	5.65	5.58	5.53	5.49	5.46	5.44	5.43
0.66	5.43	5.45	5.47	5.51	5.57	5.63	5.71	5.79	5.88	5.99
0.68	6.10	6.22	6.34	6.47	6.60	6.74	6.88	7.02	7.16	7.30
0.70	7.45	7.59	7.73	7.87	8.00	8.14	8.27	8.39	8.52	8.64
0.72	8.75	8.86	8.97	9.07	9.17	9.27	9.36	9.44	9.52	9.60
0.74	9.67	9.73	9.79	9.84	9.89	9.94	9.98	10.02	10.05	10.07
0.76	10.09	10.11	10.12	10.12	10.12	10.12	10.11	10.10	10.08	10.06
0.78	10.03	10.00	9.97	9.93	9.89	9.84	9.79	9.74	9.68	9.62
0.80	9.56	9.49	9.42	9.35	9.28	9.21	9.13	9.06	8.98	8.91
0.82	8.84	8.76	8.69	8.62	8.56	8.49	8.43	8.38	8.33	8.29
0.84	8.25	8.22	8.19	8.18	8.17	8.16	8.17	8.19	8.21	8.24
0.86	8.28	8.32	8.38	8.44	8.51	8.58	8.66	8.74	8.83	8.93
0.88	9.02	9.12	9.23	9.33	9.43	9.54	9.65	9.75	9.86	9.97
0.90	10.07	10.17	10.27	10.37	10.47	10.56	10.65	10.74	10.82	10.91
0.92	10.98	11.06	11.13	11.20	11.26	11.32	11.38	11.43	11.48	11.52
0.94	11.56	11.60	11.63	11.66	11.68	11.70	11.71	11.73	11.73	11.74
0.96	11.74	11.73	11.73	11.71	11.70	11.68	11.66	11.63	11.60	11.57
0.98	11.54	11.50	11.46	11.42	11.37	11.32	11.27	11.22	11.17	11.11

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 1.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	11.06	10.51	10.25	10.53	11.25	12.07	12.71	13.05	13.07	12.79
1.2	12.36	12.01	11.98	12.38	13.02	13.65	14.10	14.27	14.18	13.89
1.4	13.55	13.36	13.49	13.92	14.48	14.96	15.25	15.31	15.15	14.88
1.6	14.63	14.59	14.81	15.24	15.70	16.06	16.23	16.21	16.03	15.79
1.8	15.65	15.70	15.98	16.37	16.75	17.00	17.09	17.01	16.83	16.65
2.0	16.59	16.72	17.01	17.36	17.66	17.83	17.85	17.74	17.58	17.46
2.2	17.47	17.65	17.94	18.23	18.46	18.56	18.53	18.41	18.28	18.22
2.4	18.30	18.50	18.76	19.01	19.17	19.22	19.16	19.05	18.95	18.95
2.6	19.06	19.27	19.51	19.71	19.81	19.82	19.75	19.65	19.60	19.63
2.8	19.77	19.98	20.18	20.33	20.40	20.38	20.30	20.23	20.21	20.28
3.0	20.43	20.62	20.80	20.91	20.94	20.90	20.83	20.78	20.80	20.89
3.2	21.05	21.22	21.36	21.44	21.44	21.40	21.34	21.31	21.36	21.47
3.4	21.62	21.77	21.88	21.92	21.91	21.87	21.82	21.82	21.89	22.01
3.6	22.15	22.28	22.36	22.38	22.36	22.32	22.29	22.32	22.40	22.52
3.8	22.64	22.75	22.81	22.81	22.79	22.75	22.75	22.79	22.88	22.99
4.0	23.11	23.19	23.23	23.22	23.19	23.17	23.18	23.24	23.33	23.44
4.2	23.54	23.60	23.62	23.61	23.59	23.58	23.61	23.67	23.77	23.87
4.4	23.95	23.99	24.00	23.99	23.97	23.97	24.01	24.09	24.18	24.27
4.6	24.33	24.36	24.36	24.35	24.34	24.36	24.40	24.48	24.57	24.64
4.8	24.69	24.71	24.71	24.70	24.70	24.73	24.78	24.86	24.94	25.00
5.0	25.04	25.05	25.04	25.04	25.05	25.08	25.14	25.22	25.29	25.34
5.2	25.37	25.37	25.37	25.37	25.39	25.43	25.49	25.56	25.62	25.66
5.4	25.68	25.69	25.68	25.69	25.72	25.76	25.82	25.89	25.94	25.97
5.6	25.99	25.99	25.99	26.00	26.03	26.08	26.15	26.20	26.25	26.27
5.8	26.28	26.28	26.29	26.31	26.34	26.40	26.45	26.50	26.54	26.56
6.0	26.57	26.57	26.58	26.60	26.64	26.69	26.75	26.79	26.82	26.84
6.2	26.84	26.85	26.86	26.89	26.93	26.98	27.03	27.07	27.09	27.10
6.4	27.11	27.12	27.14	27.17	27.21	27.26	27.30	27.34	27.35	27.36
6.6	27.37	27.38	27.41	27.44	27.48	27.53	27.57	27.59	27.61	27.62
6.8	27.63	27.64	27.67	27.70	27.75	27.79	27.82	27.84	27.86	27.86
7.0	27.88	27.89	27.92	27.96	28.00	28.04	28.07	28.08	28.10	28.11
7.2	28.12	28.14	28.17	28.21	28.25	28.28	28.30	28.32	28.33	28.34
7.4	28.36	28.38	28.41	28.45	28.48	28.51	28.53	28.55	28.56	28.57
7.6	28.59	28.62	28.65	28.68	28.71	28.74	28.76	28.77	28.78	28.80
7.8	28.82	28.84	28.88	28.91	28.94	28.96	28.98	28.99	29.00	29.02
8.0	29.04	29.07	29.10	29.13	29.16	29.18	29.19	29.20	29.22	29.23
8.2	29.26	29.28	29.31	29.34	29.37	29.38	29.40	29.41	29.42	29.44
8.4	29.47	29.50	29.53	29.55	29.57	29.59	29.60	29.61	29.63	29.65
8.6	29.68	29.70	29.73	29.75	29.77	29.79	29.80	29.81	29.83	29.85
8.8	29.88	29.90	29.93	29.95	29.97	29.98	30.00	30.01	30.03	30.05
9.0	30.08	30.10	30.12	30.14	30.16	30.17	30.19	30.20	30.22	30.24
9.2	30.27	30.29	30.31	30.33	30.35	30.36	30.37	30.39	30.41	30.43
9.4	30.46	30.48	30.50	30.52	30.53	30.54	30.56	30.58	30.60	30.62
9.6	30.64	30.66	30.68	30.70	30.71	30.72	30.74	30.76	30.78	30.80
9.8	30.82	30.84	30.86	30.87	30.89	30.90	30.92	30.93	30.95	30.98

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 2.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.11	-7.64	-7.18	-6.73	-6.30	-5.88	-5.48	-5.08	-4.70	-4.33
0.12	-3.97	-3.63	-3.30	-2.98	-2.67	-2.37	-2.09	-1.82	-1.56	-1.31
0.14	-1.07	-0.85	-0.64	-0.43	-0.24	-0.06	0.11	0.27	0.42	0.56
0.16	0.68	0.80	0.91	1.01	1.10	1.18	1.26	1.32	1.38	1.42
0.18	1.46	1.49	1.51	1.53	1.53	1.53	1.52	1.51	1.48	1.45
0.20	1.41	1.36	1.30	1.24	1.17	1.08	0.99	0.90	0.79	0.67
0.22	0.55	0.41	0.27	0.11	-0.05	-0.23	-0.41	-0.61	-0.82	-1.04
0.24	-1.27	-1.51	-1.77	-2.03	-2.31	-2.59	-2.88	-3.19	-3.49	-3.80
0.26	-4.10	-4.39	-4.67	-4.93	-5.16	-5.34	-5.48	-5.57	-5.59	-5.54
0.28	-5.44	-5.26	-5.03	-4.76	-4.44	-4.09	-3.72	-3.33	-2.94	-2.54
0.30	-2.14	-1.75	-1.37	-0.99	-0.63	-0.27	0.07	0.40	0.71	1.02
0.32	1.31	1.59	1.86	2.11	2.36	2.59	2.81	3.03	3.23	3.42
0.34	3.60	3.77	3.93	4.09	4.23	4.37	4.49	4.61	4.72	4.83
0.36	4.92	5.01	5.09	5.16	5.22	5.28	5.33	5.37	5.41	5.44
0.38	5.46	5.47	5.48	5.48	5.47	5.46	5.44	5.41	5.37	5.33
0.40	5.28	5.23	5.17	5.10	5.02	4.94	4.85	4.75	4.64	4.53
0.42	4.42	4.30	4.17	4.03	3.89	3.75	3.60	3.45	3.29	3.13
0.44	2.98	2.82	2.66	2.51	2.36	2.21	2.07	1.95	1.83	1.73
0.46	1.65	1.58	1.53	1.50	1.50	1.51	1.55	1.61	1.69	1.80
0.48	1.92	2.05	2.21	2.37	2.55	2.74	2.93	3.13	3.34	3.54
0.50	3.75	3.96	4.16	4.37	4.57	4.77	4.96	5.15	5.34	5.52
0.52	5.69	5.86	6.03	6.18	6.34	6.48	6.62	6.75	6.88	7.00
0.54	7.11	7.22	7.32	7.42	7.51	7.59	7.67	7.74	7.80	7.86
0.56	7.91	7.96	8.00	8.03	8.06	8.08	8.10	8.11	8.11	8.11
0.58	8.10	8.09	8.07	8.05	8.02	7.98	7.94	7.90	7.85	7.79
0.60	7.73	7.66	7.59	7.52	7.44	7.36	7.27	7.18	7.09	6.99
0.62	6.89	6.79	6.69	6.59	6.49	6.38	6.28	6.18	6.09	6.00
0.64	5.91	5.83	5.75	5.68	5.62	5.57	5.53	5.49	5.47	5.46
0.66	5.47	5.48	5.51	5.55	5.60	5.66	5.73	5.81	5.90	6.00
0.68	6.11	6.23	6.35	6.48	6.61	6.74	6.88	7.02	7.16	7.30
0.70	7.44	7.57	7.71	7.85	7.98	8.12	8.24	8.37	8.49	8.61
0.72	8.73	8.84	8.94	9.05	9.15	9.24	9.33	9.41	9.49	9.57
0.74	9.64	9.70	9.76	9.82	9.87	9.91	9.95	9.99	10.02	10.04
0.76	10.07	10.08	10.09	10.10	10.10	10.10	10.09	10.08	10.06	10.04
0.78	10.02	9.99	9.95	9.92	9.88	9.83	9.78	9.73	9.68	9.62
0.80	9.56	9.49	9.43	9.36	9.29	9.22	9.15	9.08	9.00	8.93
0.82	8.86	8.79	8.72	8.65	8.59	8.53	8.47	8.42	8.37	8.33
0.84	8.29	8.26	8.23	8.22	8.21	8.21	8.21	8.22	8.25	8.28
0.86	8.31	8.36	8.41	8.47	8.53	8.60	8.68	8.76	8.85	8.94
0.88	9.03	9.13	9.23	9.33	9.43	9.53	9.64	9.74	9.85	9.95
0.90	10.05	10.15	10.25	10.35	10.44	10.53	10.62	10.71	10.79	10.88
0.92	10.95	11.03	11.10	11.16	11.23	11.29	11.34	11.39	11.44	11.49
0.94	11.53	11.56	11.59	11.62	11.65	11.67	11.68	11.70	11.70	11.71
0.96	11.71	11.71	11.70	11.69	11.68	11.66	11.64	11.62	11.59	11.56
0.98	11.53	11.49	11.45	11.41	11.37	11.32	11.27	11.22	11.17	11.12

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 2.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	11.07	10.55	10.30	10.56	11.25	12.04	12.67	13.02	13.04	12.79
1.2	12.39	12.05	12.03	12.40	13.01	13.62	14.06	14.24	14.16	13.90
1.4	13.58	13.41	13.53	13.93	14.45	14.92	15.21	15.27	15.14	14.90
1.6	14.68	14.64	14.84	15.24	15.67	16.01	16.19	16.18	16.03	15.83
1.8	15.70	15.75	16.00	16.36	16.71	16.95	17.04	16.99	16.84	16.69
2.0	16.65	16.76	17.02	17.34	17.61	17.78	17.81	17.73	17.60	17.51
2.2	17.53	17.68	17.93	18.20	18.41	18.51	18.50	18.42	18.32	18.28
2.4	18.34	18.52	18.75	18.97	19.12	19.18	19.15	19.07	19.00	19.00
2.6	19.10	19.28	19.48	19.66	19.76	19.79	19.75	19.68	19.65	19.68
2.8	19.80	19.97	20.15	20.28	20.35	20.35	20.31	20.27	20.26	20.33
3.0	20.45	20.61	20.75	20.85	20.90	20.89	20.85	20.83	20.85	20.93
3.2	21.05	21.19	21.31	21.38	21.41	21.39	21.37	21.36	21.40	21.49
3.4	21.61	21.73	21.83	21.88	21.89	21.88	21.86	21.88	21.93	22.02
3.6	22.13	22.23	22.31	22.34	22.35	22.34	22.34	22.36	22.43	22.52
3.8	22.62	22.70	22.76	22.78	22.79	22.78	22.79	22.83	22.90	22.98
4.0	23.07	23.14	23.18	23.20	23.20	23.21	23.23	23.28	23.34	23.42
4.2	23.50	23.56	23.59	23.60	23.61	23.62	23.65	23.70	23.77	23.84
4.4	23.90	23.95	23.98	23.99	24.00	24.02	24.05	24.10	24.17	24.23
4.6	24.29	24.32	24.35	24.36	24.37	24.40	24.44	24.49	24.55	24.61
4.8	24.65	24.68	24.70	24.72	24.74	24.76	24.81	24.86	24.91	24.96
5.0	25.00	25.03	25.05	25.06	25.08	25.12	25.16	25.21	25.26	25.30
5.2	25.33	25.36	25.38	25.40	25.42	25.46	25.50	25.54	25.59	25.63
5.4	25.66	25.68	25.70	25.72	25.75	25.78	25.82	25.87	25.91	25.94
5.6	25.97	25.99	26.01	26.03	26.06	26.10	26.14	26.18	26.21	26.24
5.8	26.27	26.29	26.31	26.34	26.37	26.40	26.44	26.47	26.51	26.53
6.0	26.56	26.58	26.60	26.63	26.66	26.69	26.73	26.76	26.79	26.82
6.2	26.84	26.86	26.89	26.91	26.94	26.98	27.01	27.04	27.07	27.09
6.4	27.11	27.14	27.16	27.19	27.22	27.25	27.28	27.31	27.33	27.36
6.6	27.38	27.40	27.43	27.45	27.48	27.51	27.54	27.57	27.59	27.62
6.8	27.64	27.66	27.69	27.71	27.74	27.77	27.80	27.82	27.84	27.87
7.0	27.89	27.91	27.94	27.96	27.99	28.02	28.04	28.07	28.09	28.11
7.2	28.13	28.16	28.18	28.21	28.23	28.26	28.28	28.31	28.33	28.35
7.4	28.37	28.39	28.42	28.44	28.47	28.49	28.52	28.54	28.56	28.58
7.6	28.60	28.63	28.65	28.67	28.70	28.72	28.74	28.76	28.78	28.81
7.8	28.83	28.85	28.87	28.90	28.92	28.94	28.96	28.98	29.01	29.03
8.0	29.05	29.07	29.09	29.12	29.14	29.16	29.18	29.20	29.22	29.24
8.2	29.26	29.29	29.31	29.33	29.35	29.37	29.39	29.41	29.43	29.45
8.4	29.47	29.49	29.52	29.54	29.56	29.58	29.60	29.62	29.63	29.66
8.6	29.68	29.70	29.72	29.74	29.76	29.78	29.80	29.82	29.84	29.86
8.8	29.88	29.90	29.92	29.94	29.96	29.98	29.99	30.01	30.03	30.05
9.0	30.07	30.09	30.11	30.13	30.15	30.17	30.18	30.20	30.22	30.24
9.2	30.26	30.28	30.30	30.32	30.34	30.36	30.37	30.39	30.41	30.43
9.4	30.45	30.47	30.49	30.51	30.52	30.54	30.56	30.57	30.59	30.61
9.6	30.63	30.65	30.67	30.69	30.70	30.72	30.74	30.75	30.77	30.79
9.8	30.81	30.83	30.85	30.86	30.88	30.90	30.91	30.93	30.95	30.97

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 3.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.12	-7.65	-7.19	-6.74	-6.31	-5.89	-5.48	-5.09	-4.71	-4.34
0.12	-3.98	-3.64	-3.31	-2.99	-2.68	-2.38	-2.10	-1.83	-1.57	-1.32
0.14	-1.08	-0.86	-0.64	-0.44	-0.25	-0.07	0.10	0.26	0.41	0.55
0.16	0.68	0.80	0.91	1.01	1.10	1.18	1.25	1.31	1.37	1.42
0.18	1.46	1.49	1.51	1.52	1.53	1.53	1.52	1.50	1.48	1.45
0.20	1.41	1.36	1.30	1.24	1.17	1.08	1.00	0.90	0.79	0.68
0.22	0.55	0.42	0.27	0.12	-0.04	-0.22	-0.40	-0.60	-0.80	-1.02
0.24	-1.25	-1.49	-1.75	-2.01	-2.28	-2.56	-2.86	-3.15	-3.46	-3.76
0.26	-4.06	-4.35	-4.63	-4.88	-5.11	-5.30	-5.44	-5.52	-5.55	-5.51
0.28	-5.40	-5.24	-5.01	-4.74	-4.43	-4.08	-3.72	-3.34	-2.95	-2.55
0.30	-2.16	-1.77	-1.39	-1.01	-0.65	-0.30	0.04	0.37	0.69	0.99
0.32	1.28	1.56	1.83	2.09	2.33	2.56	2.79	3.00	3.20	3.39
0.34	3.57	3.74	3.91	4.06	4.21	4.34	4.47	4.59	4.70	4.80
0.36	4.90	4.98	5.06	5.14	5.20	5.26	5.31	5.35	5.39	5.42
0.38	5.44	5.45	5.46	5.46	5.46	5.44	5.42	5.40	5.36	5.32
0.40	5.28	5.22	5.16	5.09	5.02	4.93	4.85	4.75	4.65	4.54
0.42	4.43	4.31	4.18	4.05	3.91	3.77	3.62	3.47	3.32	3.17
0.44	3.01	2.85	2.70	2.55	2.40	2.26	2.12	2.00	1.89	1.79
0.46	1.70	1.63	1.59	1.56	1.55	1.56	1.60	1.66	1.73	1.83
0.48	1.95	2.08	2.23	2.39	2.56	2.75	2.94	3.13	3.33	3.53
0.50	3.74	3.94	4.15	4.35	4.55	4.74	4.94	5.13	5.31	5.49
0.52	5.66	5.83	5.99	6.15	6.30	6.44	6.58	6.72	6.84	6.96
0.54	7.08	7.18	7.29	7.38	7.47	7.55	7.63	7.70	7.77	7.82
0.56	7.88	7.92	7.97	8.00	8.03	8.05	8.07	8.08	8.09	8.09
0.58	8.08	8.07	8.05	8.03	8.00	7.97	7.93	7.89	7.84	7.78
0.60	7.72	7.66	7.59	7.52	7.44	7.36	7.28	7.19	7.10	7.01
0.62	6.91	6.82	6.72	6.62	6.52	6.42	6.32	6.23	6.14	6.05
0.64	5.96	5.88	5.81	5.74	5.68	5.63	5.59	5.56	5.54	5.53
0.66	5.53	5.54	5.56	5.60	5.65	5.70	5.77	5.85	5.94	6.03
0.68	6.14	6.25	6.37	6.49	6.61	6.74	6.88	7.01	7.15	7.28
0.70	7.42	7.55	7.69	7.82	7.95	8.08	8.21	8.33	8.46	8.57
0.72	8.69	8.80	8.90	9.00	9.10	9.19	9.28	9.36	9.44	9.52
0.74	9.59	9.65	9.71	9.77	9.82	9.87	9.91	9.94	9.97	10.00
0.76	10.02	10.04	10.05	10.06	10.06	10.06	10.06	10.05	10.03	10.02
0.78	9.99	9.97	9.93	9.90	9.86	9.82	9.77	9.73	9.67	9.62
0.80	9.56	9.50	9.44	9.38	9.31	9.24	9.17	9.11	9.04	8.97
0.82	8.90	8.83	8.77	8.70	8.64	8.58	8.53	8.48	8.43	8.39
0.84	8.36	8.33	8.30	8.29	8.28	8.27	8.28	8.29	8.31	8.33
0.86	8.37	8.41	8.46	8.51	8.57	8.64	8.71	8.79	8.87	8.96
0.88	9.05	9.14	9.23	9.33	9.43	9.53	9.63	9.73	9.83	9.93
0.90	10.02	10.12	10.22	10.31	10.40	10.49	10.58	10.66	10.75	10.83
0.92	10.90	10.97	11.04	11.11	11.17	11.23	11.29	11.34	11.39	11.43
0.94	11.47	11.51	11.54	11.57	11.59	11.62	11.63	11.65	11.66	11.66
0.96	11.67	11.67	11.66	11.65	11.64	11.63	11.61	11.59	11.56	11.54
0.98	11.51	11.48	11.44	11.40	11.36	11.32	11.28	11.23	11.19	11.14

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 3.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	16	.18
1.0	11.09	10.61	10.37	10.61	11.25	12.00	12.61	12.96	13.00	12.78
1.2	12.43	12.12	12.10	12.43	12.99	13.57	13.99	14.18	14.13	13.91
1.4	13.64	13.49	13.59	13.95	14.42	14.86	15.14	15.22	15.13	14.93
1.6	14.75	14.72	14.89	15.24	15.62	15.94	16.12	16.14	16.03	15.87
1.8	15.78	15.82	16.03	16.34	16.65	16.88	16.98	16.96	16.86	16.75
2.0	16.73	16.82	17.04	17.30	17.54	17.70	17.76	17.72	17.64	17.58
2.2	17.60	17.73	17.93	18.15	18.33	18.44	18.46	18.42	18.37	18.35
2.4	18.41	18.55	18.73	18.91	19.04	19.11	19.12	19.09	19.06	19.08
2.6	19.15	19.29	19.45	19.59	19.69	19.74	19.74	19.72	19.71	19.75
2.8	19.84	19.97	20.10	20.21	20.29	20.32	20.32	20.31	20.33	20.38
3.0	20.47	20.59	20.70	20.79	20.84	20.87	20.87	20.88	20.91	20.97
3.2	21.06	21.16	21.25	21.32	21.37	21.39	21.40	21.42	21.46	21.52
3.4	21.60	21.69	21.77	21.82	21.86	21.88	21.90	21.93	21.97	22.04
3.6	22.11	22.19	22.25	22.30	22.33	22.35	22.38	22.41	22.46	22.52
3.8	22.59	22.65	22.71	22.75	22.78	22.80	22.83	22.87	22.92	22.98
4.0	23.04	23.09	23.14	23.18	23.21	23.23	23.27	23.31	23.36	23.41
4.2	23.46	23.51	23.55	23.59	23.62	23.65	23.68	23.72	23.77	23.82
4.4	23.87	23.91	23.95	23.98	24.01	24.04	24.08	24.12	24.16	24.21
4.6	24.25	24.29	24.32	24.36	24.39	24.42	24.46	24.50	24.54	24.58
4.8	24.62	24.65	24.69	24.72	24.75	24.78	24.82	24.86	24.90	24.94
5.0	24.97	25.00	25.03	25.06	25.10	25.13	25.17	25.20	25.24	25.28
5.2	25.31	25.34	25.37	25.40	25.43	25.47	25.50	25.54	25.57	25.61
5.4	25.64	25.66	25.69	25.72	25.75	25.79	25.82	25.86	25.89	25.92
5.6	25.95	25.98	26.00	26.03	26.06	26.10	26.13	26.17	26.20	26.23
5.8	26.25	26.28	26.30	26.33	26.36	26.40	26.43	26.46	26.49	26.52
6.0	26.54	26.57	26.59	26.62	26.66	26.69	26.72	26.75	26.78	26.80
6.2	26.83	26.85	26.87	26.90	26.94	26.97	27.00	27.03	27.06	27.08
6.4	27.10	27.12	27.15	27.18	27.21	27.24	27.27	27.30	27.32	27.34
6.6	27.36	27.38	27.41	27.44	27.48	27.51	27.54	27.56	27.58	27.60
6.8	27.62	27.64	27.67	27.70	27.73	27.77	27.79	27.81	27.83	27.85
7.0	27.87	27.89	27.92	27.95	27.98	28.01	28.04	28.06	28.07	28.09
7.2	28.11	28.13	28.16	28.20	28.23	28.26	28.28	28.30	28.31	28.32
7.4	28.34	28.37	28.40	28.43	28.47	28.49	28.51	28.53	28.54	28.55
7.6	28.57	28.60	28.63	28.67	28.70	28.72	28.74	28.75	28.76	28.78
7.8	28.80	28.83	28.86	28.89	28.92	28.94	28.95	28.97	28.98	29.00
8.0	29.02	29.05	29.08	29.11	29.14	29.15	29.17	29.18	29.19	29.21
8.2	29.23	29.26	29.30	29.33	29.35	29.36	29.37	29.38	29.40	29.42
8.4	29.45	29.48	29.51	29.53	29.55	29.57	29.58	29.59	29.60	29.62
8.6	29.65	29.68	29.71	29.74	29.75	29.76	29.77	29.78	29.80	29.82
8.8	29.85	29.88	29.91	29.93	29.95	29.96	29.97	29.98	30.00	30.02
9.0	30.05	30.08	30.11	30.12	30.14	30.15	30.16	30.17	30.19	30.21
9.2	30.24	30.27	30.29	30.31	30.32	30.33	30.34	30.36	30.38	30.40
9.4	30.43	30.46	30.48	30.49	30.50	30.51	30.52	30.54	30.56	30.59
9.6	30.62	30.64	30.66	30.67	30.68	30.69	30.70	30.72	30.74	30.77
9.8	30.80	30.82	30.83	30.85	30.85	30.86	30.88	30.90	30.92	30.95

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 4.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.13	-7.66	-7.20	-6.76	-6.32	-5.90	-5.50	-5.10	-4.72	-4.35
0.12	-3.99	-3.65	-3.32	-3.00	-2.69	-2.39	-2.11	-1.84	-1.58	-1.33
0.14	-1.09	-0.87	-0.65	-0.45	-0.26	-0.08	0.09	0.25	0.40	0.54
0.16	0.67	0.79	0.90	1.00	1.09	1.17	1.24	1.31	1.36	1.41
0.18	1.45	1.48	1.50	1.52	1.52	1.52	1.52	1.50	1.47	1.44
0.20	1.40	1.36	1.30	1.24	1.17	1.09	1.00	0.90	0.80	0.68
0.22	0.56	0.42	0.28	0.13	-0.03	-0.20	-0.39	-0.58	-0.79	-1.00
0.24	-1.23	-1.47	-1.72	-1.98	-2.25	-2.53	-2.81	-3.11	-3.41	-3.71
0.26	-4.00	-4.29	-4.56	-4.82	-5.04	-5.23	-5.37	-5.46	-5.49	-5.45
0.28	-5.36	-5.20	-4.98	-4.72	-4.41	-4.08	-3.72	-3.34	-2.96	-2.57
0.30	-2.18	-1.79	-1.41	-1.04	-0.68	-0.33	0.01	0.34	0.65	0.95
0.32	1.25	1.52	1.79	2.05	2.29	2.53	2.75	2.96	3.16	3.35
0.34	3.53	3.71	3.87	4.02	4.17	4.31	4.43	4.55	4.66	4.77
0.36	4.86	4.95	5.03	5.11	5.17	5.23	5.28	5.32	5.36	5.39
0.38	5.41	5.43	5.44	5.44	5.44	5.43	5.41	5.38	5.35	5.31
0.40	5.26	5.21	5.15	5.09	5.01	4.93	4.85	4.75	4.65	4.55
0.42	4.44	4.32	4.20	4.07	3.93	3.79	3.65	3.51	3.36	3.21
0.44	3.06	2.90	2.75	2.60	2.46	2.32	2.19	2.07	1.96	1.86
0.46	1.78	1.71	1.66	1.63	1.62	1.63	1.66	1.72	1.79	1.88
0.48	1.99	2.12	2.26	2.42	2.58	2.76	2.94	3.13	3.33	3.53
0.50	3.72	3.93	4.12	4.32	4.52	4.71	4.90	5.09	5.27	5.45
0.52	5.62	5.78	5.95	6.10	6.25	6.39	6.53	6.66	6.79	6.91
0.54	7.02	7.13	7.23	7.33	7.42	7.50	7.58	7.65	7.72	7.78
0.56	7.83	7.88	7.92	7.95	7.98	8.01	8.03	8.04	8.05	8.05
0.58	8.05	8.04	8.02	8.00	7.98	7.94	7.91	7.87	7.82	7.77
0.60	7.71	7.65	7.59	7.52	7.45	7.37	7.29	7.21	7.12	7.03
0.62	6.94	6.85	6.76	6.66	6.57	6.47	6.38	6.29	6.20	6.11
0.64	6.03	5.95	5.88	5.82	5.76	5.71	5.67	5.64	5.62	5.61
0.66	5.61	5.62	5.64	5.67	5.71	5.77	5.83	5.90	5.99	6.08
0.68	6.17	6.28	6.39	6.50	6.62	6.75	6.87	7.00	7.13	7.27
0.70	7.40	7.53	7.66	7.79	7.92	8.04	8.17	8.29	8.40	8.52
0.72	8.63	8.74	8.84	8.94	9.04	9.13	9.22	9.30	9.38	9.45
0.74	9.52	9.59	9.65	9.70	9.75	9.80	9.84	9.88	9.91	9.94
0.76	9.97	9.98	10.00	10.01	10.01	10.02	10.01	10.00	9.99	9.98
0.78	9.96	9.93	9.91	9.88	9.84	9.80	9.76	9.72	9.67	9.62
0.80	9.56	9.51	9.45	9.39	9.33	9.27	9.21	9.14	9.08	9.01
0.82	8.95	8.89	8.83	8.77	8.71	8.66	8.61	8.56	8.52	8.48
0.84	8.44	8.42	8.39	8.38	8.37	8.36	8.37	8.38	8.39	8.42
0.86	8.45	8.48	8.53	8.58	8.63	8.69	8.76	8.83	8.90	8.98
0.88	9.07	9.15	9.24	9.33	9.42	9.52	9.61	9.71	9.80	9.89
0.90	9.99	10.08	10.17	10.26	10.35	10.44	10.52	10.60	10.68	10.76
0.92	10.83	10.90	10.97	11.04	11.10	11.16	11.21	11.26	11.31	11.35
0.94	11.40	11.43	11.47	11.50	11.52	11.54	11.56	11.58	11.59	11.60
0.96	11.61	11.61	11.61	11.60	11.59	11.58	11.57	11.55	11.53	11.51
0.98	11.48	11.45	11.42	11.39	11.36	11.32	11.28	11.24	11.20	11.16

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 4.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	11.11	10.68	10.47	10.67	11.25	11.95	12.53	12.88	12.94	12.77
1.2	12.47	12.21	12.19	12.48	12.98	13.50	13.90	14.10	14.09	13.92
1.4	13.70	13.58	13.67	13.98	14.39	14.78	15.04	15.15	15.10	14.96
1.6	14.83	14.81	14.96	15.24	15.57	15.85	16.03	16.08	16.02	15.93
1.8	15.87	15.91	16.08	16.32	16.58	16.79	16.90	16.92	16.87	16.82
2.0	16.81	16.90	17.06	17.27	17.47	17.61	17.69	17.70	17.67	17.65
2.2	17.68	17.78	17.93	18.10	18.26	18.36	18.41	18.42	18.41	18.42
2.4	18.48	18.58	18.71	18.85	18.97	19.05	19.09	19.10	19.11	19.14
2.6	19.21	19.30	19.42	19.53	19.62	19.68	19.72	19.74	19.76	19.81
2.8	19.88	19.97	20.06	20.15	20.22	20.28	20.31	20.34	20.38	20.43
3.0	20.50	20.58	20.66	20.73	20.79	20.84	20.87	20.91	20.95	21.01
3.2	21.07	21.14	21.21	21.27	21.32	21.37	21.40	21.44	21.49	21.54
3.4	21.60	21.67	21.73	21.78	21.83	21.87	21.91	21.95	22.00	22.05
3.6	22.11	22.16	22.21	22.26	22.30	22.34	22.38	22.43	22.47	22.53
3.8	22.58	22.63	22.68	22.72	22.76	22.79	22.83	22.88	22.93	22.98
4.0	23.03	23.07	23.11	23.15	23.19	23.22	23.26	23.31	23.36	23.41
4.2	23.45	23.49	23.53	23.56	23.60	23.63	23.67	23.72	23.77	23.81
4.4	23.86	23.89	23.93	23.96	23.99	24.02	24.06	24.11	24.16	24.20
4.6	24.24	24.28	24.30	24.33	24.36	24.40	24.44	24.49	24.53	24.58
4.8	24.61	24.64	24.66	24.69	24.72	24.75	24.80	24.85	24.89	24.93
5.0	24.97	24.99	25.01	25.03	25.06	25.10	25.15	25.19	25.24	25.28
5.2	25.30	25.32	25.34	25.36	25.39	25.43	25.48	25.53	25.57	25.61
5.4	25.63	25.64	25.66	25.68	25.71	25.75	25.80	25.85	25.89	25.92
5.6	25.94	25.95	25.96	25.99	26.02	26.07	26.12	26.16	26.20	26.22
5.8	26.24	26.25	26.26	26.28	26.32	26.37	26.42	26.46	26.49	26.51
6.0	26.52	26.53	26.55	26.57	26.61	26.66	26.71	26.75	26.78	26.79
6.2	26.80	26.81	26.82	26.85	26.90	26.95	26.99	27.03	27.05	27.06
6.4	27.06	27.07	27.09	27.13	27.17	27.22	27.26	27.29	27.31	27.32
6.6	27.32	27.33	27.36	27.39	27.44	27.49	27.53	27.55	27.56	27.57
6.8	27.57	27.59	27.62	27.65	27.70	27.74	27.78	27.80	27.81	27.81
7.0	27.82	27.84	27.87	27.91	27.95	27.99	28.02	28.04	28.05	28.05
7.2	28.06	28.08	28.11	28.15	28.20	28.23	28.26	28.27	28.28	28.28
7.4	28.29	28.32	28.35	28.39	28.43	28.47	28.49	28.50	28.50	28.51
7.6	28.52	28.55	28.58	28.62	28.66	28.69	28.71	28.71	28.72	28.73
7.8	28.75	28.77	28.81	28.85	28.88	28.91	28.92	28.93	28.93	28.94
8.0	28.97	29.00	29.03	29.07	29.10	29.12	29.13	29.14	29.14	29.16
8.2	29.18	29.21	29.25	29.28	29.30	29.32	29.33	29.34	29.35	29.37
8.4	29.39	29.42	29.45	29.48	29.51	29.52	29.53	29.54	29.55	29.57
8.6	29.59	29.63	29.66	29.68	29.70	29.72	29.73	29.73	29.75	29.77
8.8	29.79	29.82	29.85	29.88	29.89	29.91	29.92	29.93	29.94	29.96
9.0	29.99	30.02	30.04	30.07	30.08	30.09	30.10	30.11	30.13	30.15
9.2	30.18	30.21	30.23	30.25	30.26	30.27	30.29	30.30	30.32	30.34
9.4	30.36	30.39	30.41	30.43	30.44	30.45	30.47	30.48	30.50	30.52
9.6	30.55	30.57	30.59	30.60	30.62	30.63	30.64	30.66	30.68	30.70
9.8	30.72	30.74	30.76	30.78	30.79	30.80	30.82	30.83	30.85	30.87

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 5.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.15	-7.67	-7.22	-6.77	-6.34	-5.92	-5.51	-5.12	-4.74	-4.37
0.12	-4.01	-3.67	-3.33	-3.01	-2.70	-2.41	-2.13	-1.85	-1.59	-1.34
0.14	-1.11	-0.88	-0.67	-0.47	-0.27	-0.09	0.08	0.24	0.39	0.53
0.16	0.66	0.77	0.88	0.98	1.08	1.16	1.23	1.30	1.35	1.40
0.18	1.44	1.47	1.49	1.51	1.52	1.52	1.51	1.49	1.47	1.44
0.20	1.40	1.35	1.30	1.24	1.16	1.09	1.00	0.90	0.80	0.69
0.22	0.56	0.43	0.29	0.14	-0.02	-0.19	-0.37	-0.56	-0.76	-0.98
0.24	-1.20	-1.44	-1.68	-1.94	-2.20	-2.48	-2.76	-3.05	-3.35	-3.64
0.26	-3.93	-4.22	-4.49	-4.74	-4.96	-5.15	-5.29	-5.38	-5.41	-5.38
0.28	-5.29	-5.15	-4.94	-4.69	-4.39	-4.07	-3.72	-3.35	-2.97	-2.59
0.30	-2.20	-1.82	-1.45	-1.08	-0.72	-0.37	-0.03	0.29	0.61	0.91
0.32	1.20	1.48	1.74	2.00	2.24	2.48	2.70	2.91	3.11	3.30
0.34	3.49	3.66	3.82	3.98	4.12	4.26	4.39	4.51	4.62	4.72
0.36	4.82	4.91	4.99	5.07	5.13	5.19	5.24	5.29	5.33	5.36
0.38	5.38	5.40	5.41	5.41	5.41	5.40	5.38	5.36	5.33	5.29
0.40	5.25	5.20	5.14	5.08	5.01	4.93	4.85	4.76	4.66	4.56
0.42	4.45	4.34	4.22	4.09	3.96	3.83	3.69	3.55	3.41	3.26
0.44	3.11	2.97	2.82	2.68	2.54	2.40	2.28	2.16	2.05	1.95
0.46	1.87	1.81	1.76	1.72	1.71	1.72	1.75	1.79	1.86	1.95
0.48	2.05	2.17	2.30	2.45	2.61	2.78	2.95	3.14	3.32	3.52
0.50	3.71	3.90	4.10	4.29	4.48	4.67	4.86	5.04	5.22	5.39
0.52	5.56	5.73	5.89	6.04	6.19	6.33	6.47	6.60	6.72	6.84
0.54	6.96	7.06	7.17	7.26	7.35	7.44	7.51	7.59	7.65	7.71
0.56	7.77	7.82	7.86	7.90	7.93	7.95	7.97	7.99	8.00	8.00
0.58	8.00	7.99	7.98	7.96	7.94	7.91	7.88	7.84	7.80	7.75
0.60	7.70	7.65	7.59	7.52	7.45	7.38	7.31	7.23	7.15	7.06
0.62	6.98	6.89	6.80	6.71	6.62	6.53	6.45	6.36	6.28	6.20
0.64	6.12	6.05	5.98	5.92	5.86	5.82	5.78	5.74	5.72	5.71
0.66	5.71	5.72	5.73	5.76	5.80	5.85	5.91	5.97	6.05	6.13
0.68	6.22	6.32	6.42	6.53	6.64	6.76	6.88	7.00	7.12	7.25
0.70	7.37	7.50	7.62	7.75	7.87	7.99	8.11	8.23	8.34	8.45
0.72	8.56	8.67	8.77	8.87	8.96	9.05	9.14	9.22	9.30	9.37
0.74	9.44	9.50	9.57	9.62	9.67	9.72	9.76	9.80	9.84	9.87
0.76	9.89	9.91	9.93	9.94	9.95	9.95	9.95	9.95	9.94	9.93
0.78	9.91	9.89	9.87	9.84	9.81	9.78	9.74	9.70	9.66	9.61
0.80	9.57	9.52	9.47	9.41	9.36	9.30	9.24	9.19	9.13	9.07
0.82	9.01	8.96	8.90	8.85	8.80	8.75	8.70	8.66	8.62	8.58
0.84	8.55	8.52	8.50	8.49	8.48	8.47	8.47	8.48	8.49	8.51
0.86	8.54	8.57	8.61	8.65	8.70	8.76	8.82	8.88	8.95	9.02
0.88	9.10	9.17	9.26	9.34	9.42	9.51	9.60	9.68	9.77	9.86
0.90	9.95	10.04	10.12	10.21	10.29	10.37	10.45	10.53	10.61	10.68
0.92	10.75	10.82	10.89	10.95	11.01	11.07	11.12	11.17	11.22	11.26
0.94	11.30	11.34	11.37	11.41	11.43	11.46	11.48	11.50	11.51	11.52
0.96	11.53	11.53	11.54	11.54	11.53	11.52	11.51	11.50	11.49	11.47
0.98	11.45	11.42	11.40	11.37	11.34	11.31	11.28	11.25	11.21	11.17

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 5.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	11.14	10.77	10.58	10.75	11.26	11.89	12.44	12.78	12.88	12.76
1.2	12.52	12.32	12.30	12.54	12.96	13.43	13.80	14.01	14.03	13.93
1.4	13.77	13.69	13.77	14.01	14.35	14.69	14.94	15.07	15.07	14.99
1.6	14.91	14.91	15.03	15.25	15.52	15.76	15.93	16.01	16.01	15.97
1.8	15.95	16.00	16.13	16.32	16.52	16.70	16.82	16.87	16.88	16.87
2.0	16.89	16.96	17.09	17.24	17.40	17.53	17.62	17.66	17.68	17.71
2.2	17.75	17.83	17.94	18.07	18.19	18.29	18.36	18.40	18.43	18.47
2.4	18.53	18.61	18.71	18.81	18.91	18.98	19.04	19.09	19.13	19.18
2.6	19.24	19.32	19.40	19.49	19.57	19.63	19.69	19.73	19.78	19.84
2.8	19.90	19.97	20.05	20.12	20.18	20.24	20.29	20.33	20.39	20.44
3.0	20.51	20.57	20.64	20.70	20.75	20.80	20.85	20.90	20.95	21.01
3.2	21.07	21.14	21.19	21.25	21.29	21.33	21.38	21.42	21.48	21.54
3.4	21.60	21.66	21.72	21.76	21.80	21.83	21.87	21.92	21.98	22.04
3.6	22.10	22.16	22.21	22.24	22.28	22.31	22.34	22.39	22.45	22.51
3.8	22.58	22.63	22.67	22.70	22.72	22.75	22.79	22.84	22.90	22.96
4.0	23.03	23.08	23.11	23.13	23.15	23.17	23.21	23.26	23.33	23.40
4.2	23.45	23.50	23.52	23.54	23.55	23.57	23.61	23.67	23.74	23.81
4.4	23.86	23.90	23.92	23.92	23.93	23.96	24.00	24.06	24.13	24.20
4.6	24.25	24.28	24.29	24.29	24.30	24.33	24.38	24.44	24.51	24.57
4.8	24.61	24.64	24.64	24.64	24.65	24.68	24.74	24.80	24.87	24.93
5.0	24.96	24.98	24.98	24.98	24.99	25.03	25.09	25.15	25.22	25.27
5.2	25.30	25.30	25.30	25.30	25.32	25.36	25.42	25.49	25.55	25.59
5.4	25.61	25.61	25.61	25.61	25.64	25.69	25.75	25.81	25.87	25.90
5.6	25.91	25.91	25.91	25.92	25.95	26.00	26.06	26.12	26.17	26.20
5.8	26.20	26.20	26.20	26.21	26.25	26.30	26.36	26.42	26.46	26.48
6.0	26.48	26.48	26.48	26.50	26.54	26.60	26.65	26.70	26.74	26.75
6.2	26.75	26.75	26.76	26.78	26.83	26.88	26.93	26.98	27.00	27.01
6.4	27.01	27.01	27.03	27.06	27.10	27.15	27.20	27.24	27.26	27.26
6.6	27.27	27.27	27.29	27.32	27.37	27.41	27.46	27.49	27.50	27.51
6.8	27.51	27.52	27.55	27.58	27.62	27.67	27.70	27.73	27.74	27.75
7.0	27.76	27.77	27.79	27.83	27.87	27.91	27.94	27.96	27.98	27.98
7.2	27.99	28.01	28.04	28.07	28.11	28.14	28.17	28.19	28.20	28.21
7.4	28.22	28.24	28.27	28.30	28.34	28.37	28.39	28.41	28.42	28.43
7.6	28.45	28.47	28.50	28.53	28.56	28.59	28.61	28.63	28.64	28.65
7.8	28.67	28.69	28.72	28.75	28.78	28.80	28.82	28.84	28.85	28.86
8.0	28.88	28.91	28.93	28.96	28.99	29.01	29.03	29.04	29.06	29.07
8.2	29.09	29.11	29.14	29.17	29.19	29.21	29.23	29.24	29.26	29.27
8.4	29.29	29.32	29.34	29.37	29.39	29.41	29.42	29.44	29.45	29.47
8.6	29.49	29.52	29.54	29.56	29.58	29.60	29.61	29.63	29.65	29.66
8.8	29.69	29.71	29.73	29.75	29.77	29.78	29.80	29.82	29.83	29.85
9.0	29.87	29.90	29.92	29.93	29.95	29.97	29.98	30.00	30.02	30.04
9.2	30.06	30.08	30.10	30.11	30.13	30.14	30.16	30.18	30.19	30.21
9.4	30.24	30.26	30.27	30.29	30.30	30.32	30.33	30.35	30.37	30.39
9.6	30.41	30.43	30.45	30.46	30.47	30.49	30.50	30.52	30.54	30.56
9.8	30.58	30.60	30.62	30.63	30.64	30.65	30.67	30.69	30.71	30.73

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 6.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.17	-7.69	-7.23	-6.79	-6.36	-5.94	-5.53	-5.14	-4.75	-4.38
0.12	-4.03	-3.68	-3.35	-3.03	-2.72	-2.43	-2.14	-1.87	-1.61	-1.36
0.14	-1.12	-0.90	-0.69	-0.48	-0.29	-0.11	0.06	0.22	0.37	0.51
0.16	0.64	0.76	0.87	0.97	1.06	1.14	1.22	1.28	1.34	1.39
0.18	1.43	1.46	1.48	1.50	1.51	1.51	1.50	1.49	1.46	1.43
0.20	1.39	1.35	1.30	1.23	1.16	1.09	1.00	0.91	0.80	0.69
0.22	0.57	0.44	0.30	0.16	-0.00	-0.17	-0.35	-0.54	-0.74	-0.95
0.24	-1.17	-1.40	-1.64	-1.89	-2.15	-2.42	-2.70	-2.98	-3.27	-3.56
0.26	-3.85	-4.13	-4.39	-4.64	-4.86	-5.04	-5.19	-5.28	-5.32	-5.30
0.28	-5.22	-5.08	-4.89	-4.65	-4.37	-4.05	-3.71	-3.35	-2.98	-2.61
0.30	-2.23	-1.85	-1.48	-1.12	-0.76	-0.42	-0.08	0.24	0.55	0.85
0.32	1.14	1.42	1.69	1.94	2.18	2.42	2.64	2.85	3.05	3.25
0.34	3.43	3.60	3.76	3.92	4.07	4.20	4.33	4.45	4.57	4.67
0.36	4.77	4.86	4.94	5.02	5.08	5.15	5.20	5.25	5.28	5.32
0.38	5.34	5.36	5.37	5.38	5.38	5.37	5.36	5.33	5.31	5.27
0.40	5.23	5.18	5.13	5.07	5.00	4.93	4.85	4.76	4.67	4.57
0.42	4.47	4.36	4.24	4.12	4.00	3.87	3.74	3.60	3.46	3.32
0.44	3.18	3.04	2.90	2.76	2.63	2.50	2.38	2.26	2.16	2.06
0.46	1.98	1.92	1.87	1.84	1.82	1.82	1.85	1.89	1.95	2.03
0.48	2.12	2.23	2.36	2.49	2.64	2.80	2.97	3.14	3.32	3.51
0.50	3.69	3.88	4.07	4.26	4.44	4.63	4.81	4.99	5.16	5.33
0.52	5.50	5.66	5.82	5.97	6.11	6.25	6.39	6.52	6.64	6.76
0.54	6.88	6.98	7.08	7.18	7.27	7.36	7.43	7.51	7.57	7.64
0.56	7.69	7.74	7.79	7.83	7.86	7.89	7.91	7.93	7.94	7.95
0.58	7.95	7.94	7.93	7.92	7.90	7.88	7.85	7.81	7.78	7.73
0.60	7.69	7.63	7.58	7.52	7.46	7.39	7.32	7.25	7.17	7.10
0.62	7.02	6.93	6.85	6.77	6.69	6.61	6.52	6.44	6.37	6.29
0.64	6.22	6.15	6.09	6.03	5.98	5.93	5.90	5.87	5.84	5.83
0.66	5.83	5.83	5.85	5.87	5.90	5.94	5.99	6.05	6.12	6.20
0.68	6.28	6.37	6.46	6.56	6.66	6.77	6.88	7.00	7.11	7.23
0.70	7.35	7.47	7.58	7.70	7.82	7.94	8.05	8.16	8.27	8.38
0.72	8.48	8.59	8.68	8.78	8.87	8.96	9.04	9.12	9.20	9.27
0.74	9.34	9.41	9.47	9.52	9.58	9.63	9.67	9.71	9.74	9.78
0.76	9.80	9.83	9.85	9.86	9.87	9.88	9.88	9.88	9.88	9.87
0.78	9.86	9.84	9.82	9.80	9.78	9.75	9.72	9.68	9.65	9.61
0.80	9.57	9.52	9.48	9.43	9.38	9.33	9.28	9.23	9.18	9.13
0.82	9.08	9.03	8.98	8.93	8.89	8.84	8.80	8.76	8.73	8.70
0.84	8.67	8.64	8.63	8.61	8.60	8.60	8.60	8.60	8.61	8.63
0.86	8.65	8.68	8.71	8.75	8.79	8.84	8.89	8.94	9.00	9.07
0.88	9.13	9.20	9.28	9.35	9.43	9.51	9.58	9.66	9.75	9.83
0.90	9.91	9.99	10.07	10.15	10.22	10.30	10.38	10.45	10.52	10.59
0.92	10.66	10.72	10.79	10.85	10.91	10.96	11.01	11.06	11.11	11.15
0.94	11.19	11.23	11.27	11.30	11.33	11.35	11.38	11.40	11.41	11.43
0.96	11.44	11.45	11.45	11.46	11.46	11.45	11.45	11.44	11.43	11.42
0.98	11.40	11.39	11.37	11.35	11.32	11.30	11.27	11.25	11.22	11.19

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 6.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	11.16	10.86	10.70	10.84	11.27	11.83	12.33	12.67	12.79	12.74
1.2	12.57	12.42	12.41	12.60	12.96	13.36	13.69	13.90	13.97	13.92
1.4	13.84	13.79	13.86	14.05	14.33	14.61	14.84	14.98	15.02	15.01
1.6	14.98	15.00	15.10	15.27	15.48	15.68	15.84	15.94	15.98	15.99
1.8	16.01	16.07	16.17	16.32	16.47	16.62	16.74	16.81	16.86	16.90
2.0	16.95	17.02	17.11	17.23	17.35	17.46	17.55	17.62	17.67	17.73
2.2	17.79	17.86	17.95	18.05	18.15	18.23	18.30	18.37	18.42	18.48
2.4	18.55	18.63	18.71	18.79	18.87	18.94	19.00	19.06	19.11	19.18
2.6	19.25	19.32	19.40	19.48	19.54	19.60	19.65	19.70	19.75	19.82
2.8	19.89	19.97	20.04	20.11	20.16	20.21	20.24	20.29	20.34	20.41
3.0	20.49	20.57	20.64	20.70	20.74	20.77	20.80	20.84	20.90	20.97
3.2	21.05	21.13	21.20	21.25	21.28	21.30	21.32	21.36	21.42	21.49
3.4	21.58	21.66	21.72	21.76	21.78	21.79	21.81	21.85	21.91	21.99
3.6	22.08	22.16	22.22	22.24	22.25	22.25	22.27	22.31	22.38	22.47
3.8	22.56	22.63	22.68	22.69	22.69	22.69	22.70	22.75	22.83	22.92
4.0	23.01	23.08	23.11	23.11	23.10	23.10	23.12	23.18	23.26	23.35
4.2	23.44	23.49	23.51	23.51	23.50	23.49	23.52	23.59	23.67	23.76
4.4	23.84	23.88	23.89	23.88	23.87	23.87	23.91	23.98	24.07	24.15
4.6	24.22	24.25	24.25	24.24	24.23	24.24	24.28	24.36	24.44	24.52
4.8	24.58	24.60	24.60	24.58	24.58	24.60	24.65	24.72	24.80	24.87
5.0	24.92	24.93	24.92	24.91	24.91	24.94	25.00	25.07	25.15	25.20
5.2	25.24	25.25	25.24	25.23	25.24	25.27	25.33	25.40	25.47	25.52
5.4	25.54	25.55	25.54	25.54	25.56	25.60	25.65	25.72	25.78	25.82
5.6	25.84	25.84	25.84	25.84	25.86	25.91	25.96	26.02	26.07	26.10
5.8	26.12	26.12	26.12	26.13	26.16	26.20	26.26	26.31	26.35	26.38
6.0	26.39	26.40	26.40	26.42	26.45	26.49	26.54	26.58	26.62	26.64
6.2	26.65	26.66	26.67	26.69	26.72	26.76	26.81	26.85	26.88	26.90
6.4	26.91	26.92	26.94	26.96	26.99	27.03	27.07	27.10	27.13	27.15
6.6	27.16	27.17	27.19	27.22	27.25	27.28	27.32	27.35	27.37	27.39
6.8	27.40	27.42	27.44	27.46	27.49	27.53	27.56	27.58	27.60	27.62
7.0	27.64	27.65	27.68	27.70	27.73	27.76	27.79	27.81	27.83	27.85
7.2	27.86	27.88	27.91	27.93	27.96	27.99	28.01	28.03	28.05	28.07
7.4	28.09	28.11	28.13	28.16	28.18	28.21	28.23	28.25	28.26	28.28
7.6	28.30	28.32	28.35	28.37	28.40	28.42	28.44	28.46	28.47	28.49
7.8	28.51	28.53	28.56	28.58	28.61	28.63	28.65	28.66	28.67	28.69
8.0	28.71	28.74	28.76	28.79	28.81	28.83	28.84	28.86	28.87	28.89
8.2	28.91	28.94	28.96	28.99	29.01	29.02	29.04	29.05	29.06	29.08
8.4	29.10	29.13	29.15	29.18	29.20	29.21	29.22	29.23	29.25	29.27
8.6	29.29	29.32	29.34	29.36	29.38	29.39	29.40	29.41	29.43	29.45
8.8	29.47	29.50	29.52	29.55	29.56	29.57	29.58	29.59	29.60	29.63
9.0	29.65	29.68	29.70	29.72	29.73	29.74	29.75	29.76	29.78	29.80
9.2	29.82	29.85	29.87	29.89	29.90	29.91	29.92	29.93	29.95	29.97
9.4	29.99	30.02	30.04	30.06	30.06	30.07	30.08	30.09	30.11	30.13
9.6	30.16	30.18	30.20	30.21	30.22	30.23	30.24	30.25	30.27	30.29
9.8	30.32	30.34	30.36	30.37	30.38	30.38	30.39	30.41	30.43	30.45

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 7.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.19	-7.72	-7.26	-6.81	-6.38	-5.96	-5.55	-5.16	-4.78	-4.41
0.12	-4.05	-3.71	-3.37	-3.05	-2.74	-2.45	-2.16	-1.89	-1.63	-1.38
0.14	-1.15	-0.92	-0.71	-0.50	-0.31	-0.13	0.04	0.20	0.35	0.49
0.16	0.62	0.74	0.85	0.95	1.05	1.13	1.20	1.27	1.33	1.37
0.18	1.41	1.45	1.47	1.49	1.50	1.50	1.49	1.48	1.46	1.43
0.20	1.39	1.34	1.29	1.23	1.16	1.09	1.00	0.91	0.81	0.70
0.22	0.58	0.46	0.32	0.17	0.02	-0.15	-0.32	-0.51	-0.70	-0.91
0.24	-1.13	-1.35	-1.59	-1.84	-2.09	-2.36	-2.63	-2.91	-3.19	-3.47
0.26	-3.75	-4.02	-4.28	-4.52	-4.74	-4.92	-5.07	-5.17	-5.21	-5.20
0.28	-5.13	-5.01	-4.83	-4.60	-4.33	-4.03	-3.70	-3.36	-3.00	-2.63
0.30	-2.26	-1.89	-1.53	-1.17	-0.82	-0.48	-0.14	0.18	0.49	0.79
0.32	1.08	1.35	1.62	1.87	2.12	2.35	2.57	2.78	2.98	3.18
0.34	3.36	3.53	3.70	3.85	4.00	4.14	4.27	4.39	4.50	4.61
0.36	4.71	4.80	4.88	4.96	5.03	5.09	5.14	5.19	5.23	5.27
0.38	5.30	5.32	5.33	5.34	5.34	5.33	5.32	5.30	5.28	5.25
0.40	5.21	5.16	5.11	5.05	4.99	4.92	4.85	4.76	4.68	4.58
0.42	4.48	4.38	4.27	4.15	4.04	3.91	3.79	3.66	3.53	3.39
0.44	3.26	3.12	2.99	2.86	2.73	2.61	2.49	2.38	2.28	2.19
0.46	2.11	2.05	2.00	1.96	1.94	1.94	1.96	2.00	2.05	2.12
0.48	2.20	2.30	2.42	2.55	2.69	2.84	2.99	3.16	3.33	3.50
0.50	3.68	3.86	4.04	4.22	4.40	4.58	4.75	4.92	5.09	5.26
0.52	5.42	5.58	5.73	5.88	6.03	6.17	6.30	6.43	6.55	6.67
0.54	6.78	6.89	6.99	7.09	7.18	7.26	7.34	7.42	7.48	7.55
0.56	7.60	7.66	7.70	7.74	7.78	7.81	7.83	7.85	7.87	7.88
0.58	7.88	7.88	7.88	7.87	7.85	7.83	7.81	7.78	7.74	7.71
0.60	7.66	7.62	7.57	7.51	7.46	7.40	7.33	7.27	7.20	7.13
0.62	7.06	6.98	6.91	6.83	6.76	6.68	6.61	6.54	6.46	6.39
0.64	6.33	6.27	6.21	6.15	6.11	6.06	6.03	6.00	5.98	5.96
0.66	5.96	5.96	5.97	5.99	6.02	6.05	6.10	6.15	6.21	6.27
0.68	6.35	6.43	6.51	6.60	6.70	6.79	6.90	7.00	7.11	7.21
0.70	7.32	7.43	7.55	7.66	7.77	7.88	7.98	8.09	8.19	8.30
0.72	8.40	8.50	8.59	8.68	8.77	8.86	8.94	9.02	9.09	9.16
0.74	9.23	9.30	9.36	9.41	9.47	9.52	9.56	9.60	9.64	9.67
0.76	9.70	9.73	9.75	9.77	9.78	9.79	9.80	9.80	9.80	9.80
0.78	9.79	9.78	9.77	9.75	9.73	9.71	9.69	9.66	9.63	9.60
0.80	9.56	9.53	9.49	9.45	9.41	9.37	9.32	9.28	9.24	9.19
0.82	9.15	9.11	9.07	9.03	8.99	8.95	8.91	8.88	8.85	8.82
0.84	8.80	8.77	8.76	8.74	8.73	8.73	8.73	8.73	8.74	8.75
0.86	8.77	8.79	8.82	8.85	8.89	8.93	8.97	9.02	9.07	9.13
0.88	9.18	9.24	9.31	9.37	9.44	9.51	9.58	9.65	9.72	9.80
0.90	9.87	9.94	10.01	10.09	10.16	10.23	10.30	10.37	10.43	10.50
0.92	10.56	10.62	10.68	10.74	10.79	10.85	10.90	10.95	10.99	11.04
0.94	11.08	11.11	11.15	11.18	11.21	11.24	11.27	11.29	11.31	11.32
0.96	11.34	11.35	11.36	11.37	11.37	11.37	11.37	11.37	11.37	11.36
0.98	11.35	11.34	11.33	11.31	11.30	11.28	11.26	11.24	11.22	11.20

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 7.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	11.18	10.95	10.83	10.94	11.30	11.78	12.23	12.55	12.70	12.70
1.2	12.61	12.51	12.52	12.68	12.96	13.29	13.59	13.79	13.90	13.91
1.4	13.88	13.88	13.95	14.10	14.31	14.54	14.74	14.88	14.96	15.00
1.6	15.03	15.07	15.16	15.29	15.45	15.62	15.76	15.86	15.94	15.99
1.8	16.05	16.12	16.21	16.32	16.45	16.57	16.67	16.76	16.83	16.89
2.0	16.96	17.04	17.13	17.23	17.33	17.42	17.50	17.57	17.64	17.70
2.2	17.78	17.86	17.96	18.05	18.13	18.20	18.26	18.32	18.38	18.44
2.4	18.52	18.61	18.71	18.79	18.87	18.92	18.96	19.00	19.05	19.12
2.6	19.21	19.30	19.40	19.48	19.54	19.58	19.60	19.63	19.68	19.75
2.8	19.84	19.94	20.04	20.12	20.17	20.19	20.20	20.21	20.25	20.33
3.0	20.43	20.54	20.64	20.71	20.74	20.75	20.74	20.75	20.80	20.88
3.2	20.99	21.11	21.20	21.26	21.27	21.26	21.25	21.26	21.31	21.41
3.4	21.52	21.64	21.72	21.76	21.76	21.74	21.72	21.74	21.80	21.91
3.6	22.03	22.13	22.20	22.23	22.22	22.19	22.18	22.20	22.27	22.38
3.8	22.50	22.60	22.65	22.67	22.64	22.62	22.61	22.64	22.72	22.83
4.0	22.94	23.03	23.07	23.07	23.05	23.02	23.02	23.07	23.15	23.26
4.2	23.36	23.43	23.46	23.45	23.43	23.41	23.42	23.48	23.56	23.67
4.4	23.75	23.81	23.83	23.82	23.80	23.79	23.81	23.87	23.96	24.05
4.6	24.12	24.16	24.18	24.16	24.15	24.15	24.18	24.24	24.32	24.40
4.8	24.47	24.50	24.51	24.50	24.49	24.50	24.54	24.60	24.67	24.74
5.0	24.79	24.82	24.82	24.82	24.82	24.84	24.88	24.94	25.00	25.06
5.2	25.10	25.12	25.13	25.13	25.14	25.17	25.21	25.26	25.32	25.36
5.4	25.40	25.42	25.42	25.43	25.45	25.48	25.52	25.57	25.61	25.65
5.6	25.68	25.70	25.71	25.72	25.74	25.77	25.81	25.86	25.90	25.93
5.8	25.96	25.97	25.99	26.00	26.03	26.06	26.10	26.14	26.17	26.20
6.0	26.22	26.24	26.25	26.27	26.30	26.33	26.37	26.40	26.43	26.45
6.2	26.47	26.49	26.51	26.53	26.56	26.59	26.63	26.66	26.68	26.70
6.4	26.72	26.74	26.76	26.78	26.81	26.85	26.88	26.90	26.92	26.94
6.6	26.96	26.98	27.00	27.02	27.06	27.09	27.12	27.14	27.16	27.17
6.8	27.19	27.20	27.23	27.26	27.29	27.32	27.35	27.37	27.38	27.39
7.0	27.41	27.43	27.45	27.48	27.51	27.54	27.57	27.58	27.60	27.61
7.2	27.62	27.64	27.67	27.70	27.73	27.76	27.78	27.80	27.80	27.81
7.4	27.83	27.85	27.87	27.91	27.94	27.97	27.99	28.00	28.00	28.01
7.6	28.02	28.05	28.08	28.11	28.14	28.17	28.18	28.19	28.20	28.20
7.8	28.22	28.24	28.27	28.31	28.34	28.36	28.37	28.38	28.38	28.39
8.0	28.41	28.43	28.46	28,50	28.53	28.54	28.56	28.56	28.56	28.57
8.2	28.59	28.62	28.65	28.68	28.71	28.72	28.73	28.73	28.74	28.75
8.4	28.77	28.80	28.83	28.86	28.88	28.89	28.90	28.90	28.91	28.92
8.6	28.94	28.97	29.00	29.02	29.04	29.06	29.06	29.07	29.07	29.09
8.8	29.11	29.14	29.16	29.19	29.20	29.22	29.22	29.23	29.23	29.25
9.0	29.27	29.30	29.32	29.34	29.36	29.37	29.37	29.38	29.39	29.41
9.2	29.43	29.45	29.48	29.49	29.51	29.52	29.52	29.53	29.54	29.56
9.4	29.58	29.60	29.62	29.64	29.65	29.66	29.67	29.68	29.69	29.71
9.6	29.73	29.75	29.77	29.78	29.79	29.80	29.81	29.82	29.83	29.85
9.8	29.87	29.89	29.90	29.92	29.93	29.94	29.95	29.96	29.97	29.99

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 8.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.21	-7.74	-7.28	-6.84	-6.40	-5.99	-5.58	-5.18	-4.80	-4.43
0.12	-4.07	-3.73	-3.40	-3.08	-2.77	-2.47	-2.19	-1.92	-1.66	-1.41
0.14	-1.17	-0.94	-0.73	-0.52	-0.33	-0.15	0.02	0.18	0.33	0.47
0.16	0.60	0.72	0.83	0.93	1.03	1.11	1.18	1.25	1.31	1.36
0.18	1.40	1.43	1.46	1.47	1.48	1.49	1.48	1.47	1.45	1.42
0.20	1.38	1.34	1.29	1.23	1.16	1.09	1.01	0.92	0.82	0.71
0.22	0.59	0.47	0.34	0.19	0.04	-0.12	-0.29	-0.47	-0.67	-0.87
0.24	-1.08	-1.30	-1.53	-1.77	-2.02	-2.28	-2.55	-2.82	-3.09	-3.37
0.26	-3.64	-3.90	-4.16	-4.39	-4.61	-4.79	-4.94	-5.04	-5.09	-5.09
0.28	-5.03	-4.92	-4.75	-4.54	-4.29	-4.00	-3.69	-3.36	-3.01	-2.65
0.30	-2.29	-1.93	-1.57	-1.22	-0.88	-0.54	-0.21	0.11	0.42	0.71
0.32	1.00	1.28	1.54	1.79	2.04	2.27	2.49	2.70	2.90	3.10
0.34	3.28	3.45	3.62	3.77	3.92	4.06	4.19	4.32	4.43	4.54
0.36	4.64	4.73	4.81	4.89	4.96	5.03	5.08	5.13	5.18	5.21
0.38	5.24	5.26	5.28	5.29	5.29	5.29	5.28	5.27	5.24	5.22
0.40	5.18	5.14	5.09	5.04	4.98	4.91	4.84	4.77	4.68	4.59
0.42	4.50	4.40	4.30	4.19	4.08	3.96	3.84	3.72	3.60	3.47
0.44	3.34	3.21	3.09	2.96	2.84	2.73	2.62	2.51	2.41	2.33
0.46	2.25	2.19	2.14	2.10	2.08	2.08	2.09	2.12	2.16	2.23
0.48	2.30	2.39	2.50	2.61	2.74	2.88	3.02	3.18	3.34	3.50
0.50	3.67	3.84	4.01	4.18	4.35	4.52	4.69	4.86	5.02	5.18
0.52	5.34	5.50	5.65	5.79	5.93	6.07	6.20	6.33	6.45	6.57
0.54	6.68	6.78	6.89	6.98	7.07	7.16	7.24	7.31	7.38	7.44
0.56	7.50	7.56	7.61	7.65	7.69	7.72	7.75	7.77	7.79	7.80
0.58	7.81	7.81	7.81	7.80	7.79	7.78	7.76	7.73	7.71	7.67
0.60	7.64	7.60	7.55	7.51	7.46	7.40	7.35	7.29	7.23	7.17
0.62	7.10	7.03	6.97	6.90	6.83	6.76	6.70	6.63	6.57	6.50
0.64	6.45	6.39	6.34	6.29	6.24	6.20	6.17	6.14	6.12	6.11
0.66	6.10	6.10	6.11	6.12	6.15	6.18	6.21	6.26	6.31	6.37
0.68	6.43	6.50	6.57	6.65	6.74	6.82	6.92	7.01	7.11	7.21
0.70	7.31	7.41	7.51	7.61	7.71	7.82	7.92	8.02	8.12	8.21
0.72	8.31	8.40	8.49	8.58	8.66	8.75	8.83	8.90	8.98	9.05
0.74	9.11	9.18	9.24	9.29	9.35	9.40	9.44	9.48	9.52	9.56
0.76	9.59	9.62	9.64	9.66	9.68	9.70	9.71	9.71	9.72	9.72
0.78	9.72	9.71	9.71	9.70	9.68	9.67	9.65	9.63	9.60	9.58
0.80	9.55	9.52	9.49	9.46	9.43	9.40	9.36	9.33	9.29	9.25
0.82	9.22	9.18	9.15	9.12	9.08	9.05	9.02	8.99	8.97	8.94
0.84	8.92	8.91	8.89	8.88	8.87	8.87	8.86	8.87	8.87	8.88
0.86	8.90	8.92	8.94	8.96	8.99	9.03	9.06	9.10	9.15	9.19
0.88	9.24	9.29	9.35	9.40	9.46	9.52	9.58	9.64	9.71	9.77
0.90	9.84	9.90	9.97	10.03	10.09	10.16	10.22	10.28	10.34	10.40
0.92	10.46	10.52	10.57	10.63	10.68	10.73	10.78	10.82	10.87	10.91
0.94	10.95	10.99	11.02	11.06	11.09	11.12	11.14	11.17	11.19	11.21
0.96	11.23	11.24	11.26	11.27	11.28	11.28	11.29	11.29	11.29	11.29
0.98	11.29	11.28	11.28	11.27	11.26	11.25	11.24	11.23	11.22	11.20

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 8.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	11.19	11.03	10.95	11.04	11.33	11.73	12.13	12.43	12.61	12.66
1.2	12.63	12.59	12.62	12.75	12.97	13.24	13.49	13.69	13.82	13.88
1.4	13.90	13.94	14.01	14.14	14.31	14.49	14.66	14.80	14.90	14.97
1.6	15.04	15.11	15.20	15.31	15.45	15.58	15.70	15.80	15.88	15.96
1.8	16.04	16.12	16.22	16.33	16.44	16.54	16.63	16.70	16.77	16.84
2.0	16.92	17.02	17.13	17.23	17.33	17.41	17.47	17.52	17.57	17.64
2.2	17.72	17.83	17.94	18.05	18.14	18.20	18.24	18.26	18.30	18.36
2.4	18.45	18.56	18.69	18.80	18.88	18.92	18.93	18.94	18.96	19.02
2.6	19.12	19.25	19.38	19.49	19.55	19.58	19.57	19.55	19.57	19.63
2.8	19.74	19.88	20.02	20.12	20.17	20.17	20.14	20.12	20.14	20.21
3.0	20.33	20.48	20.61	20.70	20.73	20.72	20.68	20.65	20.67	20.76
3.2	20.89	21.04	21.16	21.24	21.25	21.22	21.17	21.15	21.19	21.28
3.4	21.42	21.56	21.67	21.72	21.72	21.68	21.64	21.63	21.68	21.78
3.6	21.92	22.04	22.14	22.17	22.16	22.12	22.08	22.09	22.15	22.25
3.8	22.38	22.49	22.57	22.59	22.57	22.53	22.51	22.53	22.60	22.70
4.0	22.81	22.91	22.96	22.98	22.96	22.93	22.92	22.95	23.02	23.12
4.2	23.22	23.29	23.34	23.34	23.33	23.31	23.32	23.35	23.42	23.51
4.4	23.59	23.65	23.69	23.69	23.68	23.68	23.69	23.74	23.80	23.88
4.6	23.94	23.99	24.02	24.03	24.03	24.03	24.06	24.10	24.16	24.22
4.8	24.28	24.32	24.34	24.35	24.35	24.37	24.40	24.44	24.49	24.54
5.0	24.59	24.62	24.64	24.66	24.67	24.69	24.72	24.76	24.81	24.85
5.2	24.89	24.92	24.94	24.95	24.97	25.00	25.03	25.07	25.11	25.15
5.4	25.18	25.20	25.22	25.23	25.26	25.29	25.32	25.36	25.39	25.43
5.6	25.45	25.47	25.48	25.51	25.53	25.56	25.60	25.64	25.67	25.69
5.8	25.71	25.73	25.74	25.76	25.79	25.83	25.86	25.90	25.93	25.95
6.0	25.96	25.97	25.99	26.01	26.04	26.08	26.12	26.15	26.18	26.19
6.2	26.20	26.21	26.22	26.25	26.28	26.32	26.36	26.39	26.41	26.42
6.4	26.43	26.44	26.45	26.48	26.51	26.55	26.59	26.62	26.64	26.64
6.6	26.65	26.65	26.67	26.70	26.74	26.78	26.81	26.84	26.85	26.85
6.8	26.85	26.86	26.88	26.91	26.95	26.99	27.02	27.05	27.06	27.06
7.0	27.05	27.06	27.08	27.11	27.15	27.19	27.22	27.24	27.25	27.25
7.2	27.25	27.26	27.28	27.31	27.35	27.39	27.41	27.43	27.43	27.43
7.4	27.43	27.44	27.47	27.50	27.54	27.57	27.59	27.61	27.61	27.61
7.6	27.61	27.62	27.65	27.68	27.72	27.75	27.77	27.78	27.78	27.78
7.8	27.78	27.80	27.82	27.86	27.89	27.91	27.93	27.94	27.94	27.94
8.0	27.95	27.97	27.99	28.02	28.05	28.07	28.08	28.09	28.10	28.10
8.2	28.11	28.13	28.15	28.18	28.20	28.22	28.23	28.24	28.25	28.25
8.4	28.26	28.28	28.30	28.33	28.35	28.36	28.37	28.38	28.39	28.40
8.6	28.41	28.43	28.45	28.47	28.49	28.50	28.51	28.52	28.53	28.54
8.8	28.55	28.57	28.59	28.61	28.62	28.63	28.64	28.65	28.66	28.67
9.0	28.69	28.70	28.72	28.73	28.75	28.76	28.76	28.77	28.78	28.80
9.2	28.81	28.83	28.84	28.86	28.87	28.88	28.88	28.89	28.90	28.92
9.4	28.93	28.95	28.96	28.98	28.98	28.99	29.00	29.01	29.02	29.03
9.6	29.05	29.07	29.08	29.09	29.09	29.10	29.10	29.11	29.13	29.14
9.8	29.16	29.17	29.19	29.19	29.20	29.20	29.21	29.22	29.23	29.25

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 9.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.24	-7.77	-7.31	-6.87	-6.43	-6.01	-5.61	-5.21	-4.83	-4.46
0.12	-4.10	-3.76	-3.43	-3.11	-2.80	-2.50	-2.22	-1.94	-1.68	-1.43
0.14	-1.20	-0.97	-0.75	-0.55	-0.36	-0.18	-0.00	0.16	0.31	0.45
0.16	0.58	0.70	0.81	0.91	1.00	1.09	1.16	1.23	1.29	1.34
0.18	1.38	1.41	1.44	1.46	1.47	1.47	1.47	1.46	1.44	1.41
0.20	1.38	1.33	1.28	1.23	1.16	1.09	1.01	0.92	0.82	0.72
0.22	0.61	0.48	0.35	0.21	0.06	-0.09	-0.26	-0.44	-0.63	-0.82
0.24	-1.03	-1.24	-1.47	-1.70	-1.95	-2.20	-2.46	-2.72	-2.98	-3.25
0.26	-3.52	-3.77	-4.02	-4.25	-4.46	-4.64	-4.79	-4.89	-4.95	-4.96
0.28	-4.91	-4.81	-4.67	-4.47	-4.24	-3.97	-3.67	-3.35	-3.02	-2.67
0.30	-2.32	-1.97	-1.62	-1.28	-0.94	-0.61	-0.28	0.03	0.34	0.63
0.32	0.92	1.19	1.45	1.71	1.95	2.18	2.40	2.61	2.82	3.01
0.34	3.19	3.37	3.53	3.69	3.84	3.98	4.11	4.23	4.35	4.46
0.36	4.56	4.65	4.74	4.82	4.89	4.95	5.01	5.06	5.11	5.15
0.38	5.18	5.21	5.22	5.24	5.24	5.24	5.24	5.22	5.21	5.18
0.40	5.15	5.11	5.07	5.02	4.97	4.90	4.84	4.77	4.69	4.61
0.42	4.52	4.43	4.33	4.23	4.12	4.01	3.90	3.79	3.67	3.55
0.44	3.43	3.31	3.19	3.08	2.96	2.85	2.75	2.65	2.56	2.48
0.46	2.41	2.34	2.29	2.26	2.24	2.23	2.23	2.26	2.29	2.34
0.48	2.41	2.49	2.58	2.69	2.80	2.93	3.06	3.20	3.35	3.50
0.50	3.66	3.82	3.98	4.14	4.31	4.47	4.63	4.79	4.95	5.10
0.52	5.26	5.41	5.55	5.69	5.83	5.97	6.09	6.22	6.34	6.45
0.54	6.56	6.67	6.77	6.86	6.96	7.04	7.12	7.20	7.27	7.33
0.56	7.39	7.45	7.50	7.54	7.58	7.62	7.65	7.68	7.70	7.71
0.58	7.72	7.73	7.73	7.73	7.73	7.72	7.70	7.68	7.66	7.64
0.60	7.61	7.57	7.54	7.50	7.45	7.41	7.36	7.31	7.25	7.20
0.62	7.14	7.08	7.03	6.97	6.91	6.85	6.79	6.73	6.67	6.62
0.64	6.56	6.51	6.47	6.42	6.38	6.35	6.32	6.29	6.27	6.26
0.66	6.25	6.25	6.25	6.27	6.28	6.31	6.34	6.37	6.42	6.47
0.68	6.52	6.58	6.64	6.71	6.79	6.87	6.95	7.03	7.12	7.21
0.70	7.30	7.39	7.48	7.57	7.67	7.76	7.85	7.95	8.04	8.13
0.72	8.22	8.30	8.39	8.47	8.55	8.63	8.71	8.78	8.85	8.92
0.74	8.99	9.05	9.11	9.16	9.22	9.27	9.31	9.36	9.40	9.43
0.76	9.47	9.50	9.52	9.55	9.57	9.59	9.60	9.61	9.62	9.63
0.78	9.63	9.63	9.63	9.63	9.62	9.61	9.60	9.59	9.57	9.55
0.80	9.53	9.51	9.49	9.47	9.44	9.42	9.39	9.36	9.34	9.31
0.82	9.28	9.25	9.23	9.20	9.17	9.15	9.13	9.10	9.08	9.06
0.84	9.05	9.03	9.02	9.01	9.01	9.00	9.00	9.00	9.01	9.02
0.86	9.03	9.04	9.06	9.08	9.10	9.13	9.16	9.19	9.23	9.27
0.88	9.31	9.35	9.40	9.44	9.49	9.54	9.59	9.65	9.70	9.76
0.90	9.81	9.87	9.93	9.98	10.04	10.09	10.15	10.21	10.26	10.31
0.92	10.37	10.42	10.47	10.52	10.57	10.61	10.66	10.70	10.75	10.79
0.94	10.82	10.86	10.90	10.93	10.96	10.99	11.02	11.04	11.07	11.09
0.96	11.11	11.13	11.15	11.16	11.17	11.18	11.19	11.20	11.21	11.21
0.98	11.22	11.22	11.22	11.22	11.22	11.21	11.21	11.20	11.20	11.19

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 9.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	11.18	11.10	11.05	11.14	11.37	11.70	12.04	12.32	12.51	12.60
1.2	12.63	12.64	12.70	12.81	12.99	13.20	13.42	13.60	13.73	13.83
1.4	13.90	13.97	14.06	14.17	14.32	14.46	14.61	14.73	14.83	14.92
1.6	15.01	15.10	15.21	15.33	15.45	15.56	15.66	15.74	15.82	15.89
1.8	15.98	16.08	16.20	16.33	16.44	16.54	16.61	16.66	16.70	16.76
2.0	16.84	16.96	17.09	17.23	17.34	17.42	17.46	17.47	17.49	17.53
2.2	17.61	17.74	17.89	18.04	18.15	18.21	18.22	18.21	18.20	18.23
2.4	18.32	18.47	18.63	18.78	18.89	18.92	18.91	18.87	18.85	18.88
2.6	18.98	19.14	19.32	19.46	19.55	19.57	19.53	19.47	19.45	19.49
2.8	19.61	19.77	19.95	20.08	20.15	20.14	20.09	20.03	20.01	20.06
3.0	20.19	20.36	20.53	20.65	20.69	20.67	20.61	20.55	20.54	20.61
3.2	20.75	20.91	21.06	21.15	21.18	21.15	21.09	21.05	21.06	21.14
3.4	21.27	21.42	21.54	21.62	21.63	21.59	21.55	21.52	21.55	21.63
3.6	21.75	21.88	21.99	22.04	22.04	22.01	21.98	21.97	22.01	22.09
3.8	22.20	22.31	22.39	22.43	22.43	22.41	22.40	22.40	22.45	22.53
4.0	22.62	22.71	22.77	22.80	22.81	22.80	22.79	22.81	22.86	22.93
4.2	23.01	23.08	23.12	23.15	23.16	23.16	23.17	23.20	23.24	23.30
4.4	23.37	23.42	23.46	23.48	23.49	23.50	23.52	23.56	23.60	23.65
4.6	23.70	23.75	23.78	23.80	23.81	23.83	23.86	23.89	23.94	23.98
4.8	24.02	24.06	24.08	24.10	24.12	24.14	24.17	24.21	24.25	24.29
5.0	24.33	24.35	24.37	24.38	24.40	24.43	24.47	24.51	24.55	24.59
5.2	24.61	24.63	24.64	24.65	24.68	24.71	24.75	24.79	24.83	24.86
5.4	24.88	24.89	24.90	24.91	24.93	24.97	25.01	25.06	25.10	25.13
5.6	25.14	25.14	25.14	25.15	25.18	25.22	25.26	25.31	25.35	25.37
5.8	25.38	25.38	25.38	25.39	25.41	25.45	25.50	25.55	25.58	25.60
6.0	25.60	25.60	25.60	25.61	25.63	25.68	25.73	25.77	25.81	25.82
6.2	25.82	25.81	25.81	25.82	25.85	25.89	25.94	25.99	26.01	26.02
6.4	26.02	26.01	26.01	26.02	26.05	26.10	26.14	26.18	26.20	26.21
6.6	26.20	26.20	26.20	26.22	26.25	26.29	26.33	26.37	26.38	26.39
6.8	26.38	26.38	26.38	26.40	26.43	26.47	26.51	26.54	26.55	26.55
7.0	26.55	26.55	26.56	26.58	26.61	26.64	26.68	26.70	26.71	26.71
7.2	26.71	26.71	26.72	26.74	26.77	26.80	26.83	26.85	26.86	26.86
7.4	26.86	26.87	26.88	26.90	26.93	26.95	26.97	26.99	27.00	27.00
7.6	27.00	27.01	27.03	27.05	27.07	27.09	27.11	27.12	27.13	27.13
7.8	27.14	27.15	27.17	27.18	27.20	27.22	27.23	27.24	27.25	27.26
8.0	27.27	27.28	27.29	27.31	27.33	27.34	27.35	27.36	27.36	27.37
8.2	27.38	27.40	27.41	27.43	27.44	27.46	27.46	27.47	27.47	27.48
8.4	27.49	27.51	27.52	27.54	27.55	27.56	27.56	27.57	27.57	27.58
8.6	27.59	27.61	27.63	27.64	27.65	27.66	27.66	27.66	27.66	27.67
8.8	27.68	27.70	27.72	27.73	27.74	27.74	27.74	27.74	27.74	27.75
9.0	27.77	27.79	27.81	27.82	27.82	27.82	27.82	27.82	27.82	27.83
9.2	27.85	27.87	27.88	27.90	27.90	27.90	27.89	27.89	27.89	27.90
9.4	27.92	27.94	27.95	27.96	27.96	27.96	27.95	27.95	27.95	27.97
9.6	27.98	28.00	28.01	28.02	28.02	28.01	28.01	28.01	28.01	28.02
9.8	28.04	28.05	28.07	28.07	28.07	28.06	28.06	28.05	28.06	28.07

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 10.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.28	-7.80	-7.35	-6.90	-6.47	-6.05	-5.64	-5.24	-4.86	-4.49
0.12	-4.14	-3.79	-3.46	-3.14	-2.83	-2.53	-2.25	-1.97	-1.71	-1.46
0.14	-1.23	-1.00	-0.78	-0.58	-0.39	-0.20	-0.03	0.13	0.28	0.42
0.16	0.55	0.67	0.78	0.89	0.98	1.06	1.14	1.21	1.27	1.32
0.18	1.36	1.40	1.42	1.44	1.45	1.46	1.45	1.44	1.43	1.40
0.20	1.37	1.33	1.28	1.22	1.16	1.09	1.01	0.93	0.83	0.73
0.22	0.62	0.50	0.37	0.24	0.09	-0.06	-0.23	-0.40	-0.58	-0.77
0.24	-0.97	-1.18	-1.40	-1.63	-1.86	-2.11	-2.36	-2.61	-2.87	-3.13
0.26	-3.38	-3.63	-3.87	-4.10	-4.30	-4.48	-4.63	-4.73	-4.80	-4.81
0.28	-4.78	-4.70	-4.57	-4.39	-4.18	-3.92	-3.64	-3.34	-3.02	-2.69
0.30	-2.36	-2.02	-1.67	-1.34	-1.00	-0.68	-0.36	-0.05	0.25	0.54
0.32	0.83	1.10	1.36	1.61	1.85	2.08	2.30	2.51	2.72	2.91
0.34	3.09	3.27	3.43	3.59	3.74	3.88	4.01	4.14	4.26	4.36
0.36	4.47	4.56	4.65	4.73	4.81	4.87	4.93	4.99	5.03	5.08
0.38	5.11	5.14	5.16	5.18	5.18	5.19	5.19	5.18	5.16	5.14
0.40	5.11	5.08	5.04	5.00	4.95	4.89	4.83	4.77	4.69	4.62
0.42	4.54	4.45	4.36	4.27	4.17	4.07	3.96	3.86	3.75	3.64
0.44	3.53	3.42	3.31	3.20	3.09	2.99	2.89	2.80	2.71	2.64
0.46	2.57	2.51	2.46	2.42	2.40	2.39	2.39	2.40	2.43	2.48
0.48	2.53	2.60	2.68	2.78	2.88	2.99	3.11	3.24	3.38	3.52
0.50	3.66	3.81	3.96	4.11	4.27	4.42	4.57	4.72	4.87	5.02
0.52	5.17	5.31	5.45	5.59	5.72	5.85	5.98	6.10	6.22	6.33
0.54	6.44	6.54	6.64	6.74	6.83	6.91	6.99	7.07	7.14	7.21
0.56	7.27	7.33	7.38	7.43	7.47	7.51	7.54	7.57	7.60	7.62
0.58	7.63	7.64	7.65	7.65	7.65	7.65	7.64	7.63	7.61	7.59
0.60	7.57	7.54	7.51	7.48	7.44	7.40	7.36	7.32	7.27	7.23
0.62	7.18	7.13	7.08	7.03	6.98	6.93	6.88	6.83	6.78	6.73
0.64	6.68	6.64	6.60	6.56	6.53	6.49	6.47	6.44	6.43	6.41
0.66	6.40	6.40	6.40	6.41	6.43	6.44	6.47	6.50	6.53	6.58
0.68	6.62	6.67	6.73	6.79	6.85	6.92	6.99	7.06	7.14	7.21
0.70	7.29	7.38	7.46	7.54	7.63	7.71	7.80	7.88	7.96	8.05
0.72	8.13	8.21	8.29	8.37	8.44	8.52	8.59	8.66	8.73	8.79
0.74	8.85	8.92	8.97	9.03	9.08	9.13	9.18	9.22	9.26	9.30
0.76	9.34	9.37	9.40	9.43	9.45	9.47	9.49	9.51	9.52	9.53
0.78	9.54	9.55	9.55	9.55	9.55	9.55	9.54	9.54	9.53	9.52
0.80	9.51	9.49	9.48	9 46	9.45	9.43	9.41	9.39	9.37	9.35
0.82	9.33	9.31	9.29	9.27	9.25	9.24	9.22	9.20	9.19	9.17
0.84	9.16	9.15	9.14	9.14	9.13	9.13	9.13	9.13	9.14	9.14
0.86	9.15	9.16	9.18	9.20	9.22	9.24	9.26	9.29	9.32	9.35
0.88	9.38	9.42	9.45	9.49	9.53	9.57	9.62	9.66	9.71	9.75
0.90	9.80	9.85	9.90	9.95	9.99	10.04	10.09	10.14	10.19	10.23
0.92	10.28	10.33	10.37	10.42	10.46	10.51	10.55	10.59	10.63	10.66
0.94	10.70	10.74	10.77	10.80	10.83	10.86	10.89	10.92	10.94	10.97
0.96	10.99	11.01	11.03	11.05	11.06	11.08	11.09	11.11	11.12	11.13
0.98	11.13	11.14	11.15	11.15	11.16	11.16	11.16	11.16	11.16	11.16

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 10.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	11.16	11.14	11.14	11.23	11.42	11.68	11.97	12.22	12.40	12.53
1.2	12.61	12.67	12.74	12.86	13.01	13.19	13.36	13.52	13.65	13.76
1.4	13.86	13.95	14.06	14.19	14.33	14.46	14.58	14.68	14.76	14.85
1.6	14.94	15.05	15.18	15.32	15.45	15.57	15.65	15.71	15.75	15.80
1.8	15.88	16.00	16.15	16.31	16.45	16.55	16.61	16.62	16.63	16.65
2.0	16.71	16.84	17.01	17.19	17.34	17.43	17.46	17.44	17.40	17.40
2.2	17.47	17.61	17.80	18.00	18.14	18.22	18.21	18.16	18.10	18.09
2.4	18.17	18.33	18.53	18.73	18.86	18.91	18.88	18.80	18.73	18.73
2.6	18.82	18.99	19.20	19.39	19.50	19.53	19.48	19.39	19.33	19.34
2.8	19.44	19.62	19.82	19.98	20.07	20.08	20.02	19.93	19.89	19.91
3.0	20.03	20.20	20.37	20.51	20.58	20.57	20.51	20.45	20.42	20.46
3.2	20.57	20.73	20.88	20.99	21.04	21.02	20.98	20.93	20.92	20.98
3.4	21.08	21.21	21.34	21.42	21.46	21.44	21.41	21.39	21.40	21.46
3.6	21.55	21.66	21.76	21.82	21.85	21.84	21.83	21.82	21.85	21.90
3.8	21.98	22.07	22.14	22.19	22.21	22.22	22.22	22.23	22.26	22.31
4.0	22.38	22.45	22.50	22.54	22.56	22.57	22.58	22.61	22.64	22.69
4.2	22.75	22.80	22.84	22.87	22.88	22.90	22.92	22.95	23.00	23.04
4.4	23.09	23.13	23.16	23.18	23.19	23.21	23.24	23.28	23.32	23.37
4.6	23.41	23.44	23.46	23.47	23.48	23.50	23.53	23.58	23.63	23.67
4.8	23.71	23.73	23.74	23.74	23.75	23.77	23.81	23.86	23.91	23.96
5.0	23.99	24.00	24.00	24.00	24.00	24.03	24.07	24.12	24.18	24.22
5.2	24.25	24.25	24.24	24.24	24.24	24.26	24.31	24.37	24.43	24.47
5.4	24.49	24.48	24.47	24.46	24.46	24.49	24.54	24.60	24.66	24.69
5.6	24.71	24.70	24.68	24.67	24.68	24.71	24.76	24.82	24.87	24.90
5.8	24.91	24.90	24.88	24.87	24.88	24.91	24.96	25.01	25.06	25.08
6.0	25.09	25.08	25.06	25.06	25.07	25.10	25.15	25.19	25.23	25.25
6.2	25.26	25.25	25.23	25.23	25.25	25.28	25.32	25.36	25.39	25.41
6.4	25.41	25.40	25.39	25.40	25.41	25.44	25.48	25.51	25.54	25.55
6.6	25.55	25.54	25.54	25.55	25.57	25.59	25.62	25.65	25.67	25.68
6.8	25.68	25.68	25.68	25.69	25.71	25.73	25.75	25.77	25.79	25.79
7.0	25.79	25.80	25.80	25.81	25.83	25.85	25.87	25.88	25.89	25.90
7.2	25.90	25.90	25.91	25.93	25.95	25.96	25.98	25.99	25.99	25.99
7.4	25.99	26.00	26.01	26.03	26.05	26.06	26.07	26.08	26.08	26.07
7.6	26.08	26.08	26.10	26.12	26.13	26.15	26.15	26.15	26.15	26.15
7.8	26.15	26.16	26.17	26.19	26.21	26.22	26.22	26.22	26.21	26.21
8.0	26.21	26.22	26.24	26.26	26.27	26.28	26.28	26.27	26.26	26.26
8.2	26.26	26.27	26.29	26.31	26.33	26.33	26.33	26.32	26.30	26.30
8.4	26.30	26.31	26.33	26.35	26.36	26.37	26.36	26.35	26.33	26.33
8.6	26.33	26.34	26.36	26.38	26.39	26.39	26.38	26.37	26.35	26.34
8.8	26.35	26.36	26.38	26.39	26.40	26.40	26.39	26.38	26.36	26.35
9.0	26.36	26.37	26.38	26.40	26.40	26.40	26.39	26.37	26.36	26.35
9.2	26.36	26.37	26.38	26.39	26.39	26.38	26.37	26.36	26.35	26.34
9.4	26.34	26.35	26.36	26.36	26.36	26.36	26.34	26.33	26.32	26.32
9.6	26.32	26.32	26.33	26.33	26.32	26.32	26.30	26.29	26.29	26.28
9.8	26.28	26.28	26.28	26.28	26.27	26.26	26.25	26.24	26.24	26.23

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 11.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.31	-7.84	-7.38	-6.94	-6.50	-6.08	-5.68	-5.28	-4.90	-4.53
0.12	-4.17	-3.83	-3.49	-3.17	-2.86	-2.57	-2.28	-2.01	-1.75	-1.50
0.14	-1.26	-1.03	-0.82	-0.61	-0.42	-0.24	-0.06	0.10	0.25	0.39
0.16	0.52	0.64	0.76	0.86	0.95	1.04	1.11	1.18	1.24	1.29
0.18	1.34	1.37	1.40	1.42	1.44	1.44	1.44	1.43	1.41	1.39
0.20	1.36	1.32	1.27	1.22	1.16	1.09	1.01	0.93	0.84	0.74
0.22	0.63	0.52	0.39	0.26	0.12	-0.03	-0.19	-0.36	-0.53	-0.72
0.24	-0.91	-1.12	-1.33	-1.55	-1.78	-2.01	-2.25	-2.50	-2.74	-2.99
0.26	-3.24	-3.48	-3.71	-3.93	-4.13	-4.31	-4.45	-4.56	-4.63	-4.66
0.28	-4.64	-4.57	-4.46	-4.30	-4.10	-3.87	-3.61	-3.32	-3.02	-2.71
0.30	-2.38	-2.05	-1.73	-1.40	-1.07	-0.75	-0.44	-0.13	0.16	0.45
0.32	0.73	1.00	1.26	1.51	1.75	1.98	2.20	2.41	2.61	2.80
0.34	2.98	3.16	3.33	3.48	3.63	3.77	3.91	4.03	4.15	4.26
0.36	4.37	4.47	4.55	4.64	4.71	4.78	4.85	4.90	4.95	5.00
0.38	5.03	5.06	5.09	5.11	5.12	5.13	5.13	5.12	5.11	5.09
0.40	5.07	5.04	5.01	4.97	4.93	4.88	4.82	4.76	4.70	4.63
0.42	4.55	4.47	4.39	4.31	4.22	4.12	4.03	3.93	3.83	3.73
0.44	3.62	3.52	3.42	3.32	3.22	3.13	3.04	2.95	2.87	2.80
0.46	2.73	2.68	2.63	2.59	2.57	2.55	2.55	2.56	2.58	2.62
0.48	2.67	2.72	2.79	2.87	2.97	3.06	3.17	3.29	3.41	3.54
0.50	3.67	3.81	3.95	4.09	4.23	4.37	4.52	4.66	4.80	4.94
0.52	5.08	5.22	5.35	5.49	5.61	5.74	5.86	5.98	6.09	6.20
0.54	6.31	6.41	6.51	6.60	6.69	6.78	6.86	6.94	7.01	7.08
0.56	7.14	7.20	7.25	7.30	7.35	7.39	7.42	7.46	7.48	7.51
0.58	7.53	7.54	7.56	7.56	7.57	7.57	7.57	7.56	7.55	7.54
0.60	7.52	7.50	7.48	7.45	7.42	7.39	7.36	7.33	7.29	7.25
0.62	7.21	7.17	7.13	7.09	7.04	7.00	6.96	6.92	6.88	6.84
0.64	6.80	6.76	6.73	6.69	6.66	6.64	6.61	6.59	6.58	6.56
0.66	6.56	6.55	6.55	6.56	6.57	6.58	6.60	6.63	6.66	6.69
0.68	6.73	6.77	6.82	6.87	6.92	6.98	7.04	7.10	7.17	7.23
0.70	7.30	7.37	7.45	7.52	7.60	7.67	7.75	7.82	7.90	7.97
0.72	8.05	8.12	8.19	8.27	8.34	8.41	8.47	8.54	8.60	8.66
0.74	8.72	8.78	8.84	8.89	8.94	8.99	9.04	9.08	9.12	9.16
0.76	9.20	9.23	9.27	9.30	9.32	9.35	9.37	9.39	9.41	9.42
0.78	9.44	9.45	9.46	9.46	9.47	9.47	9.47	9.47	9.47	9.47
0.80	9.47	9.46	9.45	9.44	9.44	9.43	9.41	9.40	9.39	9.38
0.82	9.37	9.35	9.34	9.33	9.32	9.31	9.30	9.29	9.28	9.27
0.84	9.26	9.26	9.25	9.25	9.24	9.24	9.25	9.25	9.25	9.26
0.86	9.27	9.28	9.29	9.31	9.32	9.34	9.36	9.38	9.40	9.43
0.88	9.46	9.49	9.52	9.55	9.58	9.61	9.65	9.69	9.72	9.76
0.90	9.80	9.84	9.88	9.92	9.96	10.00	10.05	10.09	10.13	10.17
0.92	10.21	10.25	10.29	10.33	10.37	10.41	10.45	10.48	10.52	10.55
0.94	10.59	10.62	10.65	10.68	10.71	10.74	10.77	10.80	10.82	10.85
0.96	10.87	10.89	10.91	10.93	10.95	10.97	10.99	11.00	11.02	11.03
0.98	11.04	11.06	11.07	11.08	11.09	11.09	11.10	11.11	11.11	11.12

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 11.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	11.13	11.16	11.20	11.30	11.46	11.68	11.91	12.13	12.31	12.45
1.2	12.55	12.65	12.76	12.89	13.03	13.19	13.34	13.47	13.58	13.68
1.4	13.78	13.89	14.03	14.18	14.33	14.47	14.57	14.65	14.70	14.76
1.6	14.83	14.95	15.10	15.28	15.45	15.58	15.66	15.69	15.69	15.69
1.8	15.74	15.86	16.04	16.25	16.44	16.57	16.62	16.60	16.55	16.52
2.0	16.55	16.68	16.89	17.12	17.32	17.43	17.46	17.40	17.31	17.26
2.2	17.29	17.44	17.66	17.90	18.09	18.19	18.19	18.10	18.00	17.94
2.4	17.99	18.15	18.38	18.61	18.78	18.85	18.82	18.73	18.62	18.58
2.6	18.64	18.81	19.03	19.24	19.38	19.43	19.39	19.29	19.21	19.19
2.8	19.26	19.42	19.62	19.80	19.91	19.94	19.90	19.82	19.76	19.76
3.0	19.84	19.99	20.15	20.29	20.38	20.40	20.36	20.31	20.28	20.30
3.2	20.37	20.50	20.63	20.74	20.80	20.82	20.80	20.77	20.76	20.79
3.4	20.86	20.96	21.06	21.14	21.19	21.21	21.20	21.20	21.21	21.24
3.6	21.31	21.39	21.46	21.52	21.55	21.57	21.58	21.59	21.61	21.66
3.8	21.71	21.77	21.83	21.87	21.89	21.91	21.92	21.95	21.98	22.03
4.0	22.08	22.13	22.17	22.19	22.21	22.22	22.24	22.28	22.32	22.37
4.2	22.42	22.46	22.49	22.50	22.50	22.51	22.54	22.58	22.63	22.69
4.4	22.74	22.77	22.78	22.78	22.77	22.78	22.80	22.85	22.91	22.97
4.6	23.02	23.05	23.05	23.04	23.02	23.03	23.05	23.10	23.17	23.24
4.8	23.28	23.30	23.30	23.27	23.25	23.25	23.28	23.34	23.41	23.47
5.0	23.52	23.53	23.52	23.49	23.47	23.47	23.50	23.56	23.63	23.69
5.2	23.72	23.73	23.71	23.68	23.66	23.67	23.70	23.76	23.82	23.88
5.4	23.91	23.91	23.89	23.86	23.84	23.85	23.88	23.94	23.99	24.04
5.6	24.06	24.06	24.05	24.02	24.01	24.02	24.05	24.10	24.15	24.18
5.8	24.20	24.20	24.19	24.17	24.16	24.18	24.20	24.24	24.28	24.31
6.0	24.32	24.32	24.31	24.30	24.30	24.31	24.34	24.37	24.39	24.41
6.2	24.42	24.42	24.41	24.41	24.42	24.43	24.45	24.47	24.49	24.50
6.4	24.51	24.51	24.50	24.51	24.51	24.53	24.55	24.56	24.57	24.58
6.6	24.58	24.58	24.58	24.58	24.59	24.61	24.63	24.64	24.64	24.64
6.8	24.63	24.63	24.63	24.64	24.66	24.67	24.69	24.69	24.69	24.68
7.0	24.67	24.67	24.67	24.68	24.70	24.72	24.73	24.73	24.73	24.71
7.2	24.70	24.69	24.69	24.71	24.73	24.75	24.76	24.76	24.74	24.72
7.4	24.70	24.69	24.70	24.71	24.74	24.76	24.77	24.76	24.74	24.72
7.6	24.69	24.68	24.69	24.71	24.73	24.75	24.75	24.74	24.72	24.69
7.8	24.67	24.66	24.66	24.68	24.70	24.72	24.72	24.71	24.68	24.66
8.0	24.63	24.62	24.62	24.64	24.66	24.67	24.67	24.65	24.63	24.60
8.2	24.58	24.57	24.57	24.58	24.59	24.60	24.59	24.58	24.55	24.53
8.4	24.50	24.49	24.49	24.50	24.51	24.51	24.50	24.48	24.46	24.43
8.6	24.41	24.40	24.40	24.40	24.40	24.40	24.39	24.37	24.34	24.32
8.8	24.30	24.29	24.29	24.28	24.28	24.27	24.25	24.23	24.21	24.19
9.0	24.17	24.16	24.15	24.14	24.13	24.12	24.10	24.07	24.05	24.03
9.2	24.02	24.01	23.99	23.98	23.96	23.94	23.92	23.89	23.87	23.85
9.4	23.84	23.83	23.81	23.80	23.77	23.74	23.71	23.68	23.66	23.64
9.6	23.63	23.62	23.61	23.58	23.55	23.52	23.48	23.45	23.43	23.41
9.8	23.40	23.39	23.37	23.35	23.31	23.27	23.23	23.19	23.17	23.15

TABLE 3 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 12.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.35	-7.88	-7.42	-6.98	-6.54	-6.12	-5.71	-5.32	-4.94	-4.57
0.12	-4.21	-3.86	-3.53	-3.21	-2.90	-2.60	-2.32	-2.05	-1.78	-1.53
0.14	-1.30	-1.07	-0.85	-0.65	-0.45	-0.27	-0.10	0.06	0.21	0.36
0.16	0.49	0.61	0.72	0.83	0.92	1.01	1.09	1.16	1.22	1.27
0.18	1.31	1.35	1.38	1.40	1.41	1.42	1.42	1.41	1.40	1.38
0.20	1.35	1.31	1.27	1.21	1.16	1.09	1.02	0.94	0.85	0.75
0.22	0.65	0.54	0.42	0.29	0.15	0.01	-0.15	-0.31	-0.48	-0.66
0.24	-0.85	-1.04	-1.25	-1.46	-1.68	-1.91	-2.14	-2.37	-2.61	-2.85
0.26	-3.09	-3.32	-3.54	-3.75	-3.95	-4.12	-4.26	-4.38	-4.45	-4.49
0.28	-4.48	-4.43	-4.33	-4.19	-4.01	-3.80	-3.56	-3.30	-3.01	-2.71
0.30	-2.41	-2.09	-1.77	-1.46	-1.14	-0.83	-0.52	-0.22	0.07	0.35
0.32	0.63	0.89	1.15	1.39	1.63	1.86	2.08	2.29	2.49	2.68
0.34	2.87	3.04	3.21	3.37	3.52	3.66	3.80	3.92	4.04	4.15
0.36	4.26	4.36	4.45	4.53	4.61	4.68	4.75	4.81	4.86	4.91
0.38	4.95	4.98	5.01	5.03	5.05	5.06	5.06	5.06	5.06	5.04
0.40	5.03	5.00	4.97	4.94	4.90	4.86	4.81	4.76	4.70	4.63
0.42	4.57	4.50	4.42	4.34	4.26	4.18	4.09	4.00	3.91	3.82
0.44	3.72	3.63	3.54	3.45	3.36	3.27	3.19	3.11	3.03	2.96
0.46	2.90	2.85	2.81	2.77	2.74	2.73	2.72	2.73	2.74	2.77
0.48	2.81	2.86	2.92	2.98	3.06	3.15	3.25	3.35	3.46	3.57
0.50	3.69	3.81	3.94	4.07	4.20	4.33	4.47	4.60	4.73	4.87
0.52	5.00	5.13	5.26	5.38	5.50	5.62	5.74	5.86	5.97	6.07
0.54	6.18	6.28	6.37	6.46	6.55	6.64	6.72	6.79	6.87	6.93
0.56	7.00	7.06	7.11	7.17	7.21	7.26	7.30	7.33	7.36	7.39
0.58	7.42	7.44	7.45	7.47	7.48	7.48	7.48	7.48	7.48	7.47
0.60	7.46	7.45	7.44	7.42	7.40	7.38	7.35	7.32	7.30	7.27
0.62	7.24	7.20	7.17	7.14	7.10	7.07	7.03	7.00	6.97	6.93
0.64	6.90	6.87	6.84	6.82	6.79	6.77	6.75	6.73	6.72	6.71
0.66	6.70	6.70	6.70	6.70	6.71	6.72	6.74	6.76	6.78	6.81
0.68	6.84	6.88	6.91	6.96	7.00	7.05	7.10	7.15	7.21	7.26
0.70	7.32	7.38	7.45	7.51	7.58	7.64	7.71	7.78	7.84	7.91
0.72	7.98	8.04	8.11	8.17	8.24	8.30	8.36	8.42	8.48	8.54
0.74	8.60	8.65	8.71	8.76	8.81	8.85	8.90	8.94	8.98	9.02
0.76	9.06	9.10	9.13	9.16	9.19	9.22	9.24	9.27	9.29	9.31
0.78	9.33	9.34	9.36	9.37	9.38	9.39	9.40	9.40	9.41	9.41
0.80	9.41	9.41	9.41	9.41	9.41	9.41	9.40	9.40	9.40	9.39
0.82	9.39	9.38	9.37	9.37	9.36	9.36	9.35	9.35	9.35	9.34
0.84	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.35	9.36	9.36
0.86	9.37	9.38	9.39	9.40	9.42	9.43	9.45	9.47	9.49	9.51
0.88	9.53	9.56	9.58	9.61	9.63	9.66	9.69	9.72	9.75	9.78
0.90	9.81	9.85	9.88	9.91	9.95	9.98	10.02	10.05	10.09	10.12
0.92	10.16	10.19	10.23	10.26	10.29	10.33	10.36	10.39	10.42	10.46
0.94	10.49	10.52	10.55	10.58	10.60	10.63	10.66	10.68	10.71	10.73
0.96	10.76	10.78	10.80	10.82	10.84	10.86	10.88	10.90	10.91	10.93
0.98	10.95	10.96	10.97	10.99	11.00	11.01	11.02	11.04	11.05	11.06

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 12.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	11.07	11.15	11.23	11.35	11.50	11.69	11.88	12.07	12.23	12.36
1.2	12.48	12.60	12.73	12.88	13.04	13.20	13.33	13.44	13.52	13.59
1.4	13.67	13.79	13.95	14.13	14.32	14.48	14.59	14.64	14.65	14.66
1.6	14.69	14.80	14.98	15.20	15.42	15.59	15.68	15.68	15.63	15.58
1.8	15.58	15.68	15.89	16.15	16.39	16.56	16.62	16.59	16.49	16.39
2.0	16.38	16.49	16.72	16.99	17.24	17.40	17.43	17.36	17.23	17.12
2.2	17.11	17.24	17.48	17.75	17.98	18.11	18.12	18.03	17.90	17.80
2.4	17.81	17.94	18.17	18.42	18.62	18.72	18.72	18.63	18.51	18.44
2.6	18.46	18.60	18.80	19.01	19.18	19.25	19.24	19.16	19.07	19.03
2.8	19.07	19.20	19.37	19.54	19.66	19.71	19.70	19.65	19.60	19.59
3.0	19.63	19.74	19.87	20.00	20.09	20.13	20.13	20.10	20.08	20.09
3.2	20.14	20.23	20.32	20.41	20.48	20.51	20.52	20.52	20.52	20.55
3.4	20.60	20.66	20.74	20.80	20.84	20.86	20.88	20.89	20.91	20.95
3.6	21.00	21.06	21.11	21.15	21.17	21.19	21.20	21.22	21.26	21.31
3.8	21.37	21.42	21.46	21.48	21.48	21.48	21.49	21.52	21.57	21.63
4.0	21.69	21.74	21.77	21.77	21.76	21.75	21.76	21.79	21.84	21.92
4.2	21.98	22.03	22.05	22.04	22.01	21.99	21.99	22.03	22.09	22.17
4.4	22.24	22.29	22.30	22.28	22.24	22.21	22.21	22.25	22.32	22.40
4.6	22.47	22.51	22.51	22.48	22.44	22.41	22.41	22.45	22.52	22.60
4.8	22.66	22.70	22.69	22.66	22.62	22.59	22.59	22.63	22.69	22.76
5.0	22.82	22.85	22.84	22.81	22.77	22.75	22.75	22.79	22.84	22.91
5.2	22.95	22.97	22.96	22.93	22.90	22.89	22.89	22.92	22.97	23.02
5.4	23.05	23.06	23.06	23.03	23.01	23.00	23.01	23.04	23.07	23.11
5.6	23.13	23.14	23.13	23.11	23.10	23.10	23.11	23.13	23.15	23.17
5.8	23.18	23.18	23.18	23.17	23.16	23.16	23.18	23.19	23.21	23.22
6.0	23.22	23.21	23.20	23.20	23.20	23.20	23.22	23.23	23.24	23.24
6.2	23.23	23.22	23.20	23.20	23.20	23.22	23.24	23.25	23.25	23.24
6.4	23.22	23.20	23.18	23.18	23.19	23.21	23.23	23.24	23.24	23.22
6.6	23.19	23.16	23.14	23.13	23.15	23.17	23.19	23.20	23.19	23.17
6.8	23.13	23.10	23.07	23.07	23.08	23.10	23.13	23.14	23.12	23.09
7.0	23.05	23.01	22.98	22.98	22.99	23.01	23.03	23.04	23.02	22.99
7.2	22.94	22.90	22.87	22.86	22.87	22.89	22.91	22.91	22.89	22.85
7.4	22.80	22.76	22.73	22.72	22.73	22.75	22.76	22.75	22.73	22.68
7.6	22.64	22.60	22.57	22.56	22.56	22.57	22.57	22.55	22.53	22.49
7.8	22.44	22.40	22.37	22.36	22.35	22.35	22.34	22.32	22.29	22.25
8.0	22.21	22.17	22.14	22.13	22.11	22.10	22.08	22.06	22.02	21.98
8.2	21.94	21.91	21.88	21.86	21.84	21.82	21.79	21.75	21.71	21.67
8.4	21.63	21.60	21.57	21.55	21.52	21.49	21.45	21.40	21.35	21.31
8.6	21.27	21.24	21.21	21.19	21.16	21.11	21.06	21.01	20.95	20.90
8.8	20.86	20.83	20.81	20.78	20.74	20.69	20.63	20.56	20.49	20.44
9.0	20.39	20.36	20.34	20.31	20.26	20.20	20.13	20.05	19.97	19.91
9.2	19.86	19.83	19.81	19.77	19.72	19.65	19.56	19.46	19.38	19.31
9.4	19.26	19.22	19.19	19.15	19.09	19.01	18.90	18.80	18.70	18.62
9.6	18.56	18.52	18.48	18.43	18.36	18.26	18.15	18.03	17.92	17.83
9.8	17.77	17.71	17.66	17.60	17.51	17.40	17.27	17.14	17.02	16.92

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 13.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.40	-7.92	-7.46	-7.02	-6.59	-6.17	-5.76	-5.36	-4.98	-4.61
0.12	-4.25	-3.91	-3.57	-3.25	-2.94	-2.65	-2.36	-2.09	-1.82	-1.57
0.14	-1.34	-1.11	-0.89	-0.69	-0.49	-0.31	-0.14	0.03	0.18	0.32
0.16	0.45	0.58	0.69	0.79	0.89	0.98	1.06	1.13	1.19	1.24
0.18	1.29	1.32	1.35	1.38	1.39	1.40	1.40	1.40	1.38	1.36
0.20	1.33	1.30	1.26	1.21	1.15	1.09	1.02	0.94	0.86	0.76
0.22	0.66	0.56	0.44	0.32	0.18	0.04	-0.10	-0.26	-0.43	-0.60
0.24	-0.78	-0.97	-1.16	-1.37	-1.58	-1.80	-2.02	-2.24	-2.47	-2.70
0.26	-2.93	-3.15	-3.37	-3.57	-3.76	-3.93	-4.07	-4.18	-4.26	-4.30
0.28	-4.31	-4.27	-4.19	-4.07	-3.91	-3.72	-3.50	-3.26	-2.99	-2.71
0.30	-2.42	-2.12	-1.82	-1.51	-1.21	-0.91	-0.61	-0.32	-0.03	0.25
0.32	0.52	0.78	1.03	1.28	1.51	1.74	1.96	2.17	2.37	2.56
0.34	2.74	2.92	3.08	3.24	3.39	3.54	3.67	3.80	3.92	4.04
0.36	4.14	4.24	4.34	4.42	4.50	4.58	4.64	4.71	4.76	4.81
0.38	4.85	4.89	4.92	4.95	4.97	4.98	4.99	4.99	4.99	4.99
0.40	4.97	4.96	4.93	4.90	4.87	4.83	4.79	4.74	4.69	4.64
0.42	4.58	4.51	4.45	4.38	4.30	4.23	4.15	4.07	3.99	3.90
0.44	3.82	3.74	3.65	3.57	3.49	3.41	3.33	3.26	3.19	3.13
0.46	3.08	3.03	2.98	2.95	2.92	2.90	2.90	2.90	2.91	2.93
0.48	2.96	3.00	3.05	3.10	3.17	3.25	3.33	3.42	3.51	3.61
0.50	3.72	3.83	3.95	4.06	4.18	4.30	4.43	4.55	4.67	4.80
0.52	4.92	5.04	5.16	5.28	5.40	5.51	5.62	5.73	5.84	5.94
0.54	6.04	6.14	6.23	6.32	6.41	6.49	6.57	6.65	6.72	6.79
0.56	6.85	6.91	6.97	7.02	7.07	7.12	7.16	7.20	7.24	7.27
0.58	7.30	7.32	7.34	7.36	7.37	7.39	7.39	7.40	7.40	7.40
0.60	7.40	7.39	7.39	7.37	7.36	7.35	7.33	7.31	7.29	7.27
0.62	7.25	7.22	7.20	7.18	7.15	7.12	7.10	7.07	7.05	7.02
0.64	7.00	6.97	6.95	6.93	6.91	6.89	6.88	6.87	6.86	6.85
0.66	6.84	6.84	6.84	6.84	6.85	6.86	6.87	6.89	6.91	6.93
0.68	6.95	6.98	7.01	7.05	7.09	7.12	7.17	7.21	7.26	7.31
0.70	7.36	7.41	7.46	7.52	7.57	7.63	7.69	7.74	7.80	7.86
0.72	7.92	7.98	8.04	8.09	8.15	8.21	8.26	8.32	8.37	8.43
0.74	8.48	8.53	8.58	8.63	8.67	8.72	8.76	8.81	8.85	8.89
0.76	8.92	8.96	8.99	9.03	9.06	9.09	9.11	9.14	9.16	9.19
0.78	9.21	9.23	9.25	9.26	9.28	9.29	9.30	9.32	9.33	9.34
0.80	9.34	9.35	9.36	9.36	9.37	9.37	9.37	9.38	9.38	9.38
0.82	9.38	9.38	9.38	9.38	9.39	9.39	9.39	9.39	9.39	9.39
0.84	9.39	9.40	9.40	9.40	9.41	9.41	9.42	9.43	9.44	9.44
0.86	9.45	9.46	9.48	9.49	9.50	9.51	9.53	9.55	9.56	9.58
0.88	9.60	9.62	9.64	9.66	9.69	9.71	9.73	9.76	9.78	9.81
0.90	9.84	9.86	9.89	9.92	9.95	9.98	10.00	10.03	10.06	10.09
0.92	10.12	10.15	10.18	10.21	10.24	10.27	10.29	10.32	10.35	10.38
0.94	10.40	10.43	10.46	10.48	10.51	10.53	10.56	10.58	10.61	10.63
0.96	10.65	10.67	10.69	10.71	10.73	10.75	10.77	10.79	10.81	10.83
0.98	10.84	10.86	10.87	10.89	10.91	10.92	10.93	10.95	10.96	10.98

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 13.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	10.99	11.11	11.23	11.37	11.53	11.70	11.87	12.03	12.16	12.27
1.2	12.38	12.50	12.66	12.84	13.03	13.21	13.34	13.43	13.47	13.50
1.4	13.54	13.65	13.82	14.04	14.28	14.48	14.61	14.64	14.61	14.56
1.6	14.54	14.62	14.81	15.08	15.35	15.57	15.69	15.68	15.59	15.47
1.8	15.41	15.48	15.69	15.99	16.29	16.51	16.60	16.56	16.42	16.27
2.0	16.20	16.27	16.50	16.81	17.10	17.29	17.36	17.29	17.14	16.99
2.2	16.93	17.02	17.25	17.53	17.79	17.95	17.99	17.92	17.78	17.66
2.4	17.63	17.72	17.92	18.17	18.38	18.50	18.53	18.47	18.36	18.28
2.6	18.27	18.36	18.53	18.72	18.88	18.98	19.00	18.95	18.89	18.85
2.8	18.86	18.94	19.07	19.21	19.32	19.39	19.41	19.39	19.37	19.36
3.0	19.39	19.46	19.55	19.64	19.72	19.77	19.78	19.79	19.79	19.81
3.2	19.85	19.91	19.97	20.04	20.08	20.11	20.12	20.13	20.15	20.19
3.4	20.24	20.30	20.36	20.39	20.41	20.42	20.42	20.44	20.47	20.52
3.6	20.59	20.65	20.70	20.72	20.71	20.70	20.69	20.70	20.74	20.81
3.8	20.89	20.95	21.00	21.00	20.98	20.94	20.92	20.93	20.97	21.05
4.0	21.14	21.21	21.25	21.25	21.21	21.16	21.12	21.13	21.18	21.26
4.2	21.36	21.43	21.46	21.45	21.40	21.34	21.30	21.30	21.36	21.44
4.4	21.53	21.60	21.63	21.60	21.55	21.49	21.46	21.46	21.51	21.59
4.6	21.67	21.73	21.74	21.72	21.67	21.62	21.59	21.59	21.64	21.70
4.8	21.77	21.81	21.82	21.80	21.76	21.72	21.69	21.70	21.73	21.78
5.0	21.83	21.86	21.87	21.85	21.81	21.78	21.77	21.77	21.80	21.83
5.2	21.86	21.88	21.87	21.86	21.83	21.81	21.81	21.81	21.83	21.85
5.4	21.86	21.86	21.85	21.84	21.82	21.81	21.81	21.82	21.83	21.84
5.6	21.83	21.82	21.80	21.78	21.77	21.76	21.77	21.78	21.79	21.79
5.8	21.78	21.75	21.72	21.69	21.68	21.68	21.70	21.71	21.72	21.71
6.0	21.69	21.64	21.60	21.57	21.55	21.56	21.58	21.60	21.61	21.60
6.2	21.56	21.50	21.45	21.41	21.39	21.40	21.43	21.45	21.46	21.44
6.4	21.39	21.32	21.26	21.21	21.19	21.20	21.23	21.25	21.25	21.23
6.6	21.17	21.10	21.03	20.98	20.96	20.96	20.99	21.00	21.00	20.97
6.8	20.91	20.83	20.76	20.71	20.68	20.68	20.69	20.70	20.69	20.65
7.0	20.59	20.51	20.44	20.39	20.36	20.35	20.35	20.34	20.32	20.27
7.2	20.21	20.14	20.07	20.01	19.98	19.96	19.94	19.92	19.89	19.83
7.4	19.77	19.70	19.63	19.58	19.54	19.50	19.47	19.43	19.38	19.32
7.6	19.25	19.18	19.12	19.06	19.02	18.97	18.92	18.87	18.80	18.72
7.8	18.64	18.57	18.51	18.46	18.41	18.35	18.29	18.21	18.12	18.03
8.0	17.94	17.86	17.80	17.74	17.69	17.63	17.55	17.44	17.33	17.21
8.2	17.10	17.02	16.95	16.90	16.84	16.77	16.67	16.54	16.39	16.24
8.4	16.12	16.02	15.95	15.89	15.82	15.73	15.61	15.45	15.27	15.09
8.6	14.93	14.81	14.73	14.66	14.58	14.47	14.31	14.11	13.89	13.67
8.8	13.48	13.33	13.22	13.13	13.02	12.88	12.68	12.43	12.15	11.87
9.0	11.63	11.43	11.28	11.15	10.99	10.79	10.52	10.20	9.83	9.47
9.2	9.14	8.86	8.63	8.41	8.16	7.85	7.46	6.99	6.47	5.94
9.4	5.44	4.98	4.56	4.14	3.66	3.07	2.35	1.49	0.51	-0.54
9.6	-1.64	-2.75	-3.94	-5.32	-7.08	-9.53	-13.33	-20.62	-28.87	-16.43
9.8	-11.67	-8.76	-6.63	-4.87	-3.32	-1.92	-0.66	0.44	1.39	2.20

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 14.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.44	-7.97	-7.51	-7.07	-6.63	-6.21	-5.80	-5.41	-5.03	-4.66
0.12	-4.30	-3.95	-3.62	-3.30	-2.99	-2.69	-2.40	-2.13	-1.87	-1.62
0.14	-1.38	-1.15	-0.93	-0.73	-0.53	-0.35	-0.18	-0.01	0.14	0.28
0.16	0.42	0.54	0.65	0.76	0.85	0.94	1.02	1.09	1.16	1.21
0.18	1.26	1.30	1.33	1.35	1.37	1.38	1.38	1.38	1.36	1.35
0.20	1.32	1.29	1.25	1.20	1.15	1.09	1.02	0.95	0.86	0.78
0.22	0.68	0.58	0.46	0.34	0.22	0.08	-0.06	-0.21	-0.37	-0.53
0.24	-0.71	-0.89	-1.08	-1.27	-1.48	-1.68	-1.90	-2.11	-2.33	-2.55
0.26	-2.76	-2.98	-3.18	-3.38	-3.56	-3.72	-3.86	-3.98	-4.06	-4.11
0.28	-4.12	-4.10	-4.04	-3.94	-3.80	-3.63	-3.43	-3.21	-2.96	-2.70
0.30	-2.43	-2.15	-1.86	-1.56	-1.27	-0.98	-0.69	-0.41	-0.13	0.14
0.32	0.41	0.66	0.91	1.15	1.39	1.61	1.83	2.04	2.23	2.43
0.34	2.61	2.78	2.95	3.11	3.26	3.40	3.54	3.67	3.79	3.91
0.36	4.02	4.12	4.21	4.30	4.39	4.46	4.53	4.60	4.65	4.71
0.38	4.75	4.79	4.83	4.86	4.88	4.90	4.91	4.92	4.92	4.92
0.40	4.91	4.90	4.88	4.86	4.84	4.80	4.77	4.73	4.68	4.64
0.42	4.58	4.53	4.47	4.41	4.34	4.28	4.21	4.14	4.06	3.99
0.44	3.91	3.84	3.76	3.69	3.62	3.55	3.48	3.41	3.35	3.30
0.46	3.25	3.20	3.16	3.13	3.10	3.08	3.07	3.07	3.08	3.09
0.48	3.11	3.15	3.19	3.23	3.29	3.35	3.42	3.50	3.58	3.67
0.50	3.76	3.86	3.96	4.07	4.18	4.29	4.40	4.51	4.62	4.73
0.52	4.85	4.96	5.07	5.18	5.29	5.40	5.51	5.61	5.71	5.81
0.54	5.90	6.00	6.09	6.18	6.26	6.34	6.42	6.49	6.57	6.63
0.56	6.70	6.76	6.82	6.87	6.93	6.97	7.02	7.06	7.10	7.13
0.58	7.17	7.19	7.22	7.24	7.26	7.28	7.29	7.30	7.31	7.32
0.60	7.32	7.32	7.32	7.32	7.31	7.31	7.30	7.29	7.28	7.26
0.62	7.25	7.23	7.22	7.20	7.18	7.16	7.15	7.13	7.11	7.09
0.64	7.08	7.06	7.04	7.03	7.02	7.00	6.99	6.98	6.98	6.97
0.66	6.97	6.97	6.97	6.97	6.98	6.99	7.00	7.01	7.03	7.05
0.68	7.07	7.09	7.12	7.14	7.17	7.21	7.24	7.28	7.32	7.36
0.70	7.40	7.44	7.49	7.53	7.58	7.63	7.68	7.72	7.77	7.83
0.72	7.88	7.93	7.98	8.03	8.08	8.13	8.18	8.23	8.28	8.33
0.74	8.37	8.42	8.47	8.51	8.55	8.60	8.64	8.68	8.72	8.75
0.76	8.79	8.83	8.86	8.89	8.92	8.95	8.98	9.01	9.04	9.06
0.78	9.09	9.11	9.13	9.15	9.17	9.19	9.20	9.22	9.23	9.25
0.80	9.26	9.27	9.28	9.30	9.31	9.31	9.32	9.33	9.34	9.35
0.82	9.35	9.36	9.37	9.37	9.38	9.39	9.39	9.40	9.41	9.41
0.84	9.42	9.43	9.44	9.44	9.45	9.46	9.47	9.48	9.49	9.50
0.86	9.51	9.52	9.54	9.55	9.56	9.58	9.59	9.61	9.62	9.64
0.88	9.66	9.68	9.70	9.72	9.74	9.76	9.78	9.80	9.82	9.84
0.90	9.86	9.89	9.91	9.93	9.96	9.98	10.01	10.03	10.05	10.08
0.92	10.10	10.13	10.15	10.18	10.20	10.23	10.25	10.27	10.30	10.32
0.94	10.34	10.37	10.39	10.41	10.43	10.46	10.48	10.50	10.52	10.54
0.96	10.56	10.58	10.60	10.62	10.63	10.65	10.67	10.69	10.71	10.72
0.98	10.74	10.75	10.77	10.79	10.80	10.82	10.83	10.85	10.86	10.88

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 14.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	10.89	11.03	11.18	11.35	11.53	11.72	11.88	12.01	12.10	12.18
1.2	12.26	12.37	12.54	12.76	12.99	13.21	13.36	13.44	13.44	13.41
1.4	13.40	13.46	13.64	13.91	14.20	14.46	14.62	14.65	14.58	14.46
1.6	14.37	14.40	14.59	14.90	15.24	15.52	15.66	15.66	15.54	15.36
1.8	15.23	15.25	15.45	15.78	16.13	16.39	16.52	16.49	16.34	16.15
2.0	16.02	16.05	16.25	16.56	16.88	17.12	17.21	17.17	17.03	16.86
2.2	16.76	16.80	16.98	17.25	17.52	17.70	17.78	17.74	17.63	17.50
2.4	17.44	17.49	17.64	17.85	18.05	18.19	18.25	18.22	18.15	18.08
2.6	18.06	18.11	18.22	18.37	18.51	18.61	18.65	18.65	18.62	18.59
2.8	18.60	18.65	18.73	18.83	18.92	18.98	19.01	19.02	19.02	19.03
3.0	19.06	19.11	19.17	19.24	19.29	19.31	19.33	19.33	19.35	19.38
3.2	19.44	19.50	19.56	19.60	19.62	19.61	19.60	19.60	19.62	19.68
3.4	19.75	19.83	19.89	19.91	19.91	19.88	19.84	19.83	19.85	19.91
3.6	20.00	20.09	20.16	20.18	20.16	20.10	20.04	20.01	20.03	20.10
3.8	20.21	20.31	20.37	20.39	20.35	20.28	20.20	20.17	20.19	20.26
4.0	20.37	20.47	20.53	20.54	20.49	20.41	20.33	20.29	20.31	20.38
4.2	20.48	20.57	20.62	20.62	20.58	20.50	20.43	20.39	20.41	20.46
4.4	20.55	20.62	20.66	20.66	20.61	20.55	20.49	20.46	20.47	20.51
4.6	20.57	20.62	20.65	20.64	20.60	20.55	20.51	20.48	20.49	20.51
4.8	20.55	20.58	20.59	20.57	20.54	20.50	20.47	20.46	20.46	20.48
5.0	20.49	20.49	20.48	20.46	20.43	20.40	20.39	20.38	20.39	20.39
5.2	20.39	20.37	20.34	20.31	20.27	20.25	20.24	20.25	20.26	20.26
5.4	20.24	20.20	20.15	20.10	20.06	20.04	20.04	20.05	20.07	20.07
5.6	20.04	19.99	19.92	19.85	19.79	19.77	19.77	19.80	19.82	19.82
5.8	19.78	19.71	19.62	19.54	19.47	19.44	19.45	19.48	19.50	19.49
6.0	19.45	19.37	19.27	19.16	19.09	19.05	19.06	19.08	19.10	19.09
6.2	19.04	18.95	18.83	18.72	18.64	18.60	18.59	18.60	18.61	18.59
6.4	18.53	18.43	18.31	18.20	18.11	18.06	18.04	18.03	18.02	17.99
6.6	17.91	17.81	17.69	17.58	17.48	17.42	17.38	17.35	17.32	17.26
6.8	17.18	17.07	16.95	16.83	16.73	16.66	16.60	16.54	16.48	16.39
7.0	16.29	16.17	16.04	15.93	15.83	15.74	15.66	15.57	15.46	15.34
7.2	15.21	15.07	14.93	14.81	14.71	14.61	14.50	14.38	14.23	14.06
7.4	13.88	13.70	13.54	13.41	13.30	13.19	13.06	12.89	12.68	12.44
7.6	12.19	11.95	11.76	11.60	11.47	11.34	11.18	10.95	10.65	10.31
7.8	9.95	9.61	9.34	9.14	8.98	8.80	8.57	8.24	7.80	7.28
8.0	6.72	6.19	5.76	5.44	5.18	4.90	4.50	3.94	3.17	2.22
8.2	1.14	0.06	-0.89	-1.65	-2.32	-3.10	-4.23	-5.96	-8.63	-12.98
8.4	-21.65	-22.43	-14.69	-11.21	-9.13	-7.48	-5.81	-4.04	-2.30	-0.74
8.6	0.56	1.59	2.38	3.00	3.53	4.03	4.57	5.18	5.82	6.44
8.8	7.02	7.52	7.95	8.31	8.64	8.97	9.32	9.70	10.08	10.46
9.0	10.82	11.14	11.43	11.69	11.94	12.20	12.47	12.75	13.03	13.30
9.2	13.55	13.77	13.99	14.19	14.40	14.62	14.85	15.07	15.30	15.50
9.4	15.69	15.86	16.03	16.20	16.37	16.56	16.76	16.96	17.14	17.31
9.6	17.46	17.60	17.73	17.87	18.03	18.19	18.37	18.54	18.71	18.85
9.8	18.98	19.09	19.20	19.32	19.45	19.60	19.76	19.91	20.06	20.19

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 15.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.49	-8.02	-7.56	-7.12	-6.68	-6.26	-5.85	-5.46	-5.08	-4.71
0.12	-4.35	-4.00	-3.67	-3.35	-3.04	-2.74	-2.45	-2.18	-1.92	-1.67
0.14	-1.43	-1.20	-0.98	-0.77	-0.58	-0.40	-0.22	-0.06	0.10	0.24
0.16	0.37	0.50	0.61	0.72	0.82	0.90	0.99	1.06	1.12	1.18
0.18	1.22	1.26	1.30	1.32	1.34	1.35	1.36	1.35	1.34	1.33
0.20	1.31	1.27	1.24	1.19	1.14	1.09	1.02	0.95	0.87	0.79
0.22	0.69	0.60	0.49	0.37	0.25	0.12	-0.01	-0.16	-0.31	-0.47
0.24	-0.63	-0.81	-0.99	-1.17	-1.37	-1.56	-1.77	-1.97	-2.18	-2.39
0.26	-2.59	-2.80	-2.99	-3.18	-3.35	-3.51	-3.65	-3.76	-3.85	-3.91
0.28	-3.93	-3.92	-3.87	-3.79	-3.67	-3.52	-3.35	-3.15	-2.92	-2.68
0.30	-2.43	-2.16	-1.89	-1.61	-1.33	-1.05	-0.77	-0.50	-0.23	0.04
0.32	0.29	0.55	0.79	1.03	1.26	1.48	1.69	1.90	2.10	2.29
0.34	2.47	2.64	2.81	2.97	3.12	3.26	3.40	3.53	3.66	3.77
0.36	3.88	3.99	4.08	4.17	4.26	4.34	4.41	4.48	4.54	4.59
0.38	4.64	4.69	4.73	4.76	4.79	4.81	4.83	4.84	4.85	4.85
0.40	4.85	4.84	4.83	4.81	4.79	4.77	4.74	4.71	4.67	4.63
0.42	4.59	4.54	4.49	4.43	4.38	4.32	4.26	4.20	4.13	4.07
0.44	4.00	3.94	3.87	3.81	3.74	3.68	3.62	3.56	3.51	3.46
0.46	3.41	3.37	3.33	3.30	3.28	3.26	3.25	3.24	3.25	3.26
0.48	3.27	3.30	3.33	3.37	3.42	3.47	3.53	3.59	3.66	3.74
0.50	3.82	3.91	3.99	4.09	4.18	4.28	4.38	4.48	4.58	4.68
0.52	4.79	4.89	4.99	5.10	5.20	5.30	5.40	5.49	5.59	5.68
0.54	5.77	5.86	5.95	6.03	6.11	6.19	6.27	6.34	6.41	6.48
0.56	6.55	6.61	6.67	6.72	6.77	6.82	6.87	6.91	6.96	6.99
0.58	7.03	7.06	7.09	7.12	7.14	7.16	7.18	7.20	7.21	7.23
0.60	7.24	7.24	7.25	7.25	7.25	7.26	7.25	7.25	7.25	7.24
0.62	7.23	7.23	7.22	7.21	7.20	7.19	7.18	7.17	7.16	7.15
0.64	7.14	7.13	7.12	7.11	7.10	7.09	7.09	7.08	7.08	7.08
0.66	7.08	7.08	7.08	7.09	7.09	7.10	7.11	7.12	7.14	7.15
0.68	7.17	7.19	7.21	7.24	7.26	7.29	7.32	7.35	7.38	7.41
0.70	7.45	7.48	7.52	7.56	7.60	7.64	7.68	7.72	7.76	7.81
0.72	7.85	7.89	7.94	7.98	8.02	8.07	8.11	8.16	8.20	8.24
0.74	8.28	8.32	8.37	8.41	8.45	8.48	8.52	8.56	8.60	8.63
0.76	8.67	8.70	8.73	8.76	8.80	8.83	8.85	8.88	8.91	8.94
0.78	8.96	8.98	9.01	9.03	9.05	9.07	9.09	9.11	9.13	9.15
0.80	9.16	9.18	9.19	9.21	9.22	9.24	9.25	9.26	9.28	9.29
0.82	9.30	9.31	9.32	9.34	9.35	9.36	9.37	9.38	9.39	9.40
0.84	9.41	9.43	9.44	9.45	9.46	9.47	9.49	9.50	9.51	9.53
0.86	9.54	9.55	9.57	9.58	9.60	9.62	9.63	9.65	9.67	9.68
0.88	9.70	9.72	9.74	9.76	9.77	9.79	9.81	9.83	9.85	9.87
0.90	9.89	9.91	9.94	9.96	9.98	10.00	10.02	10.04	10.06	10.08
0.92	10.10	10.12	10.15	10.17	10.19	10.21	10.23	10.25	10.27	10.29
0.94	10.31	10.33	10.34	10.36	10.38	10.40	10.42	10.43	10.45	10.47
0.96	10.49	10.50	10.52	10.53	10.55	10.56	10.58	10.59	10.61	10.62
0.98	10.64	10.65	10.67	10.68	10.69	10.71	10.72	10.74	10.75	10.76

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 15.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	10.78	10.92	11.09	11.29	11.51	11.72	11.90	12.01	12.07	12.09
1.2	12.12	12.20	12.37	12.63	12.92	13.19	13.38	13.46	13.43	13.33
1.4	13.25	13.26	13.42	13.72	14.08	14.40	14.60	14.65	14.56	14.38
1.6	14.21	14.18	14.34	14.67	15.06	15.40	15.59	15.61	15.48	15.26
1.8	15.07	15.03	15.19	15.52	15.90	16.20	16.37	16.37	16.24	16.03
2.0	15.86	15.83	15.98	16.27	16.59	16.85	16.98	16.98	16.86	16.70
2.2	16.58	16.57	16.70	16.92	17.17	17.36	17.46	17.47	17.39	17.29
2.4	17.23	17.24	17.34	17.49	17.66	17.79	17.86	17.87	17.84	17.80
2.6	17.78	17.81	17.88	17.98	18.08	18.16	18.20	18.22	18.21	18.21
2.8	18.23	18.28	18.34	18.40	18.46	18.49	18.50	18.51	18.51	18.54
3.0	18.59	18.65	18.72	18.77	18.79	18.78	18.76	18.74	18.74	18.78
3.2	18.86	18.95	19.02	19.07	19.07	19.03	18.97	18.92	18.92	18.96
3.4	19.05	19.16	19.26	19.30	19.29	19.23	19.14	19.06	19.04	19.09
3.6	19.19	19.32	19.42	19.46	19.44	19.36	19.25	19.16	19.13	19.18
3.8	19.28	19.40	19.50	19.54	19.51	19.42	19.32	19.23	19.19	19.23
4.0	19.32	19.42	19.50	19.53	19.50	19.42	19.33	19.25	19.21	19.24
4.2	19.30	19.38	19.43	19.45	19.42	19.36	19.28	19.21	19.18	19.19
4.4	19.23	19.28	19.30	19.30	19.27	19.22	19.16	19.11	19.09	19.09
4.6	19.10	19.12	19.12	19.10	19.06	19.01	18.97	18.94	18.92	18.92
4.8	18.92	18.90	18.87	18.83	18.77	18.72	18.69	18.68	18.67	18.67
5.0	18.66	18.62	18.56	18.49	18.41	18.35	18.32	18.32	18.33	18.34
5.2	18.32	18.27	18.18	18.07	17.97	17.90	17.86	17.87	17.89	17.91
5.4	17.89	17.82	17.71	17.57	17.44	17.34	17.30	17.31	17.34	17.36
5.6	17.33	17.25	17.12	16.95	16.80	16.68	16.63	16.63	16.65	16.66
5.8	16.63	16.53	16.38	16.20	16.03	15.89	15.82	15.80	15.80	15.80
6.0	15.74	15.63	15.47	15.27	15.09	14.94	14.84	14.79	14.76	14.72
6.2	14.63	14.50	14.32	14.12	13.92	13.75	13.62	13.53	13.45	13.36
6.4	13.23	13.06	12.85	12.63	12.42	12.23	12.06	11.92	11.77	11.60
6.6	11.40	11.16	10.91	10.65	10.40	10.18	9.98	9.76	9.52	9.24
6.8	8.90	8.54	8.17	7.82	7.51	7.23	6.95	6.63	6.23	5.72
7.0	5.12	4.46	3.79	3.20	2.70	2.26	1.79	1.18	0.34	-0.82
7.2	-2.35	-4.25	-6.43	-8.65	-10.62	-12.51	-15.34	-21.98	-26.93	-14.38
7.4	-9.10	-5.88	-3.76	-2.34	-1.41	-0.75	-0.17	0.54	1.44	2.48
7.6	3.53	4.46	5.21	5.78	6.18	6.49	6.78	7.13	7.58	8.11
7.8	8.68	9.21	9.67	10.03	10.31	10.53	10.74	10.99	11.29	11.65
8.0	12.02	12.38	12.70	12.97	13.18	13.37	13.56	13.76	13.99	14.25
8.2	14.52	14.78	15.02	15.23	15.41	15.58	15.75	15.93	16.12	16.32
8.4	16.53	16.73	16.91	17.08	17.24	17.39	17.54	17.71	17.88	18.05
8.6	18.22	18.37	18.52	18.66	18.79	18.93	19.07	19.22	19.38	19.53
8.8	19.67	19.80	19.92	20.03	20.14	20.27	20.40	20.54	20.68	20.82
9.0	20.95	21.06	21.16	21.25	21.35	21.46	21.58	21.71	21.84	21.97
9.2	22.08	22.18	22.26	22.35	22.43	22.53	22.64	22.76	22.88	23.00
9.4	23.10	23.19	23.27	23.34	23.42	23.50	23.60	23.71	23.83	23.93
9.6	24.03	24.11	24.18	24.25	24.32	24.40	24.49	24.59	24.69	24.78
9.8	24.87	24.95	25.02	25.08	25.15	25.22	25.31	25.39	25.48	25.57

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 16.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.55	-8.08	-7.62	-7.17	-6.74	-6.32	-5.91	-5.51	-5.13	-4.76
0.12	-4.40	-4.05	-3.72	-3.40	-3.09	-2.79	-2.50	-2.23	-1.97	-1.72
0.14	-1.48	-1.25	-1.03	-0.82	-0.63	-0.44	-0.27	-0.10	0.05	0.19
0.16	0.33	0.45	0.57	0.68	0.78	0.86	0.95	1.02	1.08	1.14
0.18	1.19	1.23	1.27	1.29	1.31	1.33	1.33	1.33	1.32	1.31
0.20	1.29	1.26	1.23	1.19	1.14	1.08	1.02	0.95	0.88	0.80
0.22	0.71	0.62	0.51	0.40	0.29	0.16	0.03	-0.10	-0.25	-0.40
0.24	-0.56	-0.72	-0.90	-1.07	-1.26	-1.44	-1.64	-1.83	-2.03	-2.22
0.26	-2.42	-2.61	-2.80	-2.98	-3.14	-3.30	-3.43	-3.54	-3.63	-3.69
0.28	-3.73	-3.73	-3.69	-3.63	-3.53	-3.40	-3.25	-3.07	-2.87	-2.65
0.30	-2.41	-2.16	-1.91	-1.65	-1.38	-1.12	-0.85	-0.59	-0.33	-0.07
0.32	0.18	0.43	0.67	0.90	1.12	1.34	1.55	1.76	1.95	2.14
0.34	2.32	2.49	2.66	2.82	2.97	3.12	3.25	3.38	3.51	3.63
0.36	3.74	3.84	3.94	4.04	4.12	4.20	4.28	4.35	4.41	4.47
0.38	4.52	4.57	4.61	4.65	4.68	4.71	4.73	4.75	4.76	4.77
0.40	4.77	4.77	4.77	4.76	4.74	4.73	4.70	4.68	4.65	4.62
0.42	4.58	4.54	4.50	4.45	4.41	4.36	4.31	4.25	4.20	4.14
0.44	4.09	4.03	3.97	3.92	3.86	3.81	3.75	3.70	3.66	3.61
0.46	3.57	3.53	3.50	3.47	3.45	3.43	3.42	3.41	3.41	3.42
0.48	3.43	3.45	3.48	3.51	3.55	3.59	3.64	3.69	3.75	3.82
0.50	3.89	3.96	4.04	4.12	4.20	4.29	4.37	4.46	4.56	4.65
0.52	4.74	4.83	4.93	5.02	5.11	5.20	5.30	5.39	5.47	5.56
0.54	5.65	5.73	5.81	5.89	5.97	6.05	6.12	6.19	6.26	6.33
0.56	6.39	6.45	6.51	6.57	6.62	6.67	6.72	6.76	6.81	6.85
0.58	6.89	6.92	6.95	6.98	7.01	7.04	7.06	7.08	7.10	7.12
0.60	7.14	7.15	7.16	7.17	7.18	7.19	7.19	7.20	7.20	7.20
0.62	7.20	7.20	7.20	7.20	7.20	7.19	7.19	7.19	7.18	7.18
0.64	7.18	7.17	7.17	7.17	7.16	7.16	7.16	7.16	7.16	7.16
0.66	7.17	7.17	7.18	7.18	7.19	7.20	7.21	7.22	7.24	7.25
0.68	7.27	7.28	7.30	7.32	7.35	7.37	7.39	7.42	7.45	7.47
0.70	7.50	7.53	7.56	7.60	7.63	7.66	7.70	7.73	7.77	7.80
0.72	7.84	7.88	7.91	7.95	7.99	8.03	8.06	8.10	8.14	8.18
0.74	8.21	8.25	8.28	8.32	8.36	8.39	8.42	8.46	8.49	8.52
0.76	8.55	8.59	8.62	8.65	8.68	8.70	8.73	8.76	8.79	8.81
0.78	8.84	8.86	8.88	8.91	8.93	8.95	8.97	8.99	9.01	9.03
0.80	9.05	9.07	9.09	9.11	9.12	9.14	9.16	9.17	9.19	9.20
0.82	9.22	9.24	9.25	9.27	9.28	9.30	9.31	9.33	9.34	9.36
0.84	9.37	9.39	9.40	9.42	9.44	9.45	9.47	9.48	9.50	9.52
0.86	9.54	9.55	9.57	9.59	9.61	9.62	9.64	9.66	9.68	9.70
0.88	9.72	9.74	9.76	9.78	9.80	9.82	9.84	9.86	9.88	9.90
0.90	9.92	9.94	9.96	9.98	10.00	10.02	10.04	10.06	10.08	10.10
0.92	10.12	10.14	10.15	10.17	10.19	10.21	10.23	10.24	10.26	10.28
0.94	10.29	10.31	10.32	10.34	10.35	10.37	10.38	10.39	10.41	10.42
0.96	10.43	10.45	10.46	10.47	10.48	10.49	10.50	10.51	10.52	10.54
0.98	10.55	10.56	10.57	10.58	10.59	10.60	10.61	10.62	10.63	10.64

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 16.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	10.65	10.78	10.96	11.19	11.46	11.71	11.91	12.03	12.06	12.03
1.2	11.98	12.01	12.16	12.45	12.80	13.13	13.38	13.47	13.42	13.27
1.4	13.10	13.04	13.16	13.48	13.90	14.29	14.55	14.62	14.52	14.30
1.6	14.06	13.95	14.07	14.40	14.82	15.21	15.45	15.51	15.39	15.16
1.8	14.92	14.81	14.91	15.21	15.59	15.93	16.14	16.18	16.07	15.88
2.0	15.69	15.61	15.70	15.93	16.23	16.49	16.65	16.69	16.62	16.49
2.2	16.37	16.33	16.40	16.56	16.76	16.94	17.05	17.08	17.05	16.99
2.4	16.94	16.94	16.99	17.09	17.21	17.31	17.38	17.40	17.40	17.39
2.6	17.39	17.42	17.47	17.54	17.60	17.64	17.66	17.66	17.66	17.67
2.8	17.71	17.77	17.85	17.90	17.94	17.93	17.90	17.86	17.84	17.86
3.0	17.93	18.02	18.12	18.19	18.20	18.17	18.09	18.01	17.96	17.98
3.2	18.06	18.18	18.30	18.38	18.39	18.33	18.22	18.10	18.02	18.03
3.4	18.12	18.25	18.38	18.47	18.47	18.40	18.27	18.14	18.05	18.04
3.6	18.12	18.25	18.37	18.45	18.45	18.37	18.25	18.11	18.02	18.00
3.8	18.06	18.17	18.27	18.33	18.32	18.25	18.14	18.02	17.94	17.91
4.0	17.95	18.01	18.07	18.11	18.09	18.03	17.94	17.85	17.78	17.75
4.2	17.75	17.78	17.80	17.80	17.77	17.71	17.64	17.57	17.52	17.49
4.4	17.48	17.47	17.45	17.41	17.35	17.28	17.21	17.16	17.13	17.11
4.6	17.10	17.06	17.00	16.92	16.82	16.73	16.65	16.61	16.60	16.60
4.8	16.59	16.55	16.45	16.32	16.18	16.04	15.95	15.91	15.92	15.94
5.0	15.93	15.88	15.76	15.58	15.38	15.20	15.08	15.03	15.04	15.07
5.2	15.07	15.01	14.86	14.65	14.40	14.17	14.00	13.93	13.93	13.96
5.4	13.95	13.87	13.70	13.44	13.15	12.87	12.66	12.55	12.52	12.51
5.6	12.47	12.36	12.15	11.85	11.52	11.19	10.92	10.75	10.65	10.58
5.8	10.47	10.29	10.02	9.67	9.27	8.87	8.53	8.26	8.04	7.84
6.0	7.61	7.29	6.88	6.39	5.86	5.33	4.83	4.38	3.94	3.47
6.2	2.90	2.21	1.38	0.43	-0.58	-1.60	-2.64	-3.75	-5.08	-6.87
6.4	-9.48	-13.70	-22.51	-24.40	-15.24	-11.35	-9.01	-7.22	-5.52	-3.78
6.6	-2.07	-0.51	0.81	1.84	2.62	3.19	3.63	4.06	4.55	5.18
6.8	5.89	6.63	7.30	7.86	8.28	8.58	8.81	9.04	9.32	9.70
7.0	10.15	10.64	11.10	11.50	11.80	12.01	12.18	12.34	12.54	12.80
7.2	13.13	13.49	13.83	14.13	14.37	14.55	14.69	14.83	14.99	15.19
7.4	15.44	15.71	15.97	16.21	16.41	16.57	16.70	16.83	16.97	17.14
7.6	17.34	17.55	17.75	17.94	18.11	18.25	18.38	18.50	18.64	18.79
7.8	18.95	19.11	19.28	19.43	19.57	19.69	19.82	19.94	20.07	20.21
8.0	20.35	20.48	20.62	20.74	20.85	20.97	21.08	21.20	21.32	21.45
8.2	21.58	21.70	21.81	21.91	22.00	22.10	22.20	22.32	22.44	22.56
8.4	22.68	22.79	22.88	22.97	23.05	23.13	23.22	23.32	23.44	23.55
8.6	23.66	23.76	23.85	23.92	23.99	24.06	24.15	24.24	24.35	24.45
8.8	24.56	24.65	24.73	24.80	24.86	24.93	25.00	25.08	25.18	25.28
9.0	25.37	25.46	25.54	25.60	25.66	25.72	25.78	25.86	25.95	26.04
9.2	26.12	26.20	26.27	26.33	26.39	26.45	26.51	26.58	26.66	26.74
9.4	26.81	26.89	26.95	27.01	27.07	27.13	27.19	27.25	27.32	27.39
9.6	27.46	27.52	27.58	27.64	27.69	27.75	27.81	27.87	27.93	27.99
9.8	28.05	28.11	28.16	28.22	28.27	28.33	28.38	28.44	28.50	28.56

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 17.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.61	-8.13	-7.67	-7.23	-6.79	-6.37	-5.96	-5.57	-5.19	-4.82
0.12	-4.46	-4.11	-3.78	-3.45	-3.14	-2.85	-2.56	-2.28	-2.02	-1.77
0.14	-1.53	-1.30	-1.08	-0.88	-0.68	-0.49	-0.32	-0.15	0.00	0.15
0.16	0.28	0.41	0.52	0.63	0.73	0.82	0.90	0.98	1.04	1.10
0.18	1.15	1.20	1.23	1.26	1.28	1.30	1.30	1.31	1.30	1.29
0.20	1.27	1.24	1.21	1.18	1.13	1.08	1.02	0.96	0.89	0.81
0.22	0.73	0.64	0.54	0.43	0.32	0.21	0.08	-0.05	-0.19	-0.33
0.24	-0.48	-0.64	-0.80	-0.97	-1.14	-1.32	-1.50	-1.69	-1.87	-2.06
0.26	-2.24	-2.43	-2.60	-2.77	-2.93	-3.08	-3.21	-3.32	-3.41	-3.47
0.28	-3.51	-3.52	-3.50	-3.45	-3.37	-3.27	-3.13	-2.98	-2.80	-2.60
0.30	-2.38	-2.16	-1.92	-1.67	-1.42	-1.17	-0.92	-0.67	-0.42	-0.17
0.32	0.07	0.31	0.54	0.77	0.99	1.20	1.41	1.61	1.80	1.99
0.34	2.17	2.34	2.51	2.66	2.82	2.96	3.10	3.23	3.36	3.47
0.36	3.59	3.69	3.80	3.89	3.98	4.06	4.14	4.21	4.28	4.34
0.38	4.40	4.45	4.49	4.54	4.57	4.60	4.63	4.65	4.67	4.68
0.40	4.69	4.70	4.70	4.69	4.69	4.68	4.66	4.64	4.62	4.60
0.42	4.57	4.54	4.50	4.47	4.43	4.39	4.34	4.30	4.25	4.21
0.44	4.16	4.11	4.06	4.02	3.97	3.92	3.88	3.84	3.80	3.76
0.46	3.72	3.69	3.66	3.64	3.62	3.60	3.59	3.58	3.58	3.58
0.48	3.59	3.61	3.63	3.65	3.68	3.72	3.76	3.80	3.85	3.91
0.50	3.97	4.03	4.09	4.16	4.23	4.31	4.39	4.46	4.54	4.62
0.52	4.71	4.79	4.87	4.96	5.04	5.12	5.21	5.29	5.37	5.45
0.54	5.53	5.61	5.69	5.76	5.83	5.91	5.98	6.04	6.11	6.17
0.56	6.24	6.30	6.35	6.41	6.46	6.51	6.56	6.61	6.65	6.70
0.58	6.74	6.77	6.81	6.84	6.88	6.91	6.93	6.96	6.98	7.01
0.60	7.03	7.05	7.06	7.08	7.09	7.11	7.12	7.13	7.14	7.14
0.62	7.15	7.16	7.16	7.17	7.17	7.18	7.18	7.18	7.19	7.19
0.64	7.19	7.19	7.20	7.20	7.20	7.21	7.21	7.22	7.22	7.23
0.66	7.23	7.24	7.25	7.26	7.27	7.28	7.29	7.30	7.32	7.33
0.68	7.35	7.36	7.38	7.40	7.42	7.44	7.46	7.49	7.51	7.53
0.70	7.56	7.59	7.61	7.64	7.67	7.70	7.73	7.75	7.78	7.82
0.72	7.85	7.88	7.91	7.94	7.97	8.00	8.04	8.07	8.10	8.13
0.74	8.16	8.19	8.22	8.25	8.28	8.31	8.34	8.37	8.40	8.43
0.76	8.46	8.49	8.51	8.54	8.57	8.59	8.62	8.64	8.67	8.69
0.78	8.72	8.74	8.76	8.78	8.80	8.83	8.85	8.87	8.89	8.91
0.80	8.93	8.95	8.97	8.98	9.00	9.02	9.04	9.06	9.08	9.09
0.82	9.11	9.13	9.15	9.17	9.18	9.20	9.22	9.24	9.26	9.28
0.84	9.29	9.31	9.33	9.35	9.37	9.39	9.41	9.43	9.45	9.47
0.86	9.49	9.51	9.54	9.56	9.58	9.60	9.62	9.64	9.67	9.69
0.88	9.71	9.73	9.76	9.78	9.80	9.82	9.85	9.87	9.89	9.91
0.90	9.93	9.96	9.98	10.00	10.02	10.04	10.06	10.08	10.10	10.12
0.92	10.14	10.16	10.17	10.19	10.21	10.22	10.24	10.25	10.27	10.28
0.94	10.30	10.31	10.32	10.33	10.35	10.36	10.37	10.38	10.39	10.39
0.96	10.40	10.41	10.42	10.43	10.43	10.44	10.44	10.45	10.46	10.46
0.98	10.47	10.47	10.48	10.48	10.49	10.49	10.50	10.50	10.51	10.51

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 17.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	10.52	10.61	10.78	11.04	11.36	11.68	11.92	12.06	12.06	11.97
1.2	11.85	11.80	11.92	12.22	12.63	13.04	13.34	13.47	13.42	13.22
1.4	12.97	12.81	12.88	13.20	13.66	14.11	14.43	14.55	14.46	14.22
1.6	13.92	13.73	13.78	14.08	14.52	14.94	15.23	15.33	15.25	15.02
1.8	14.76	14.60	14.63	14.87	15.23	15.57	15.80	15.89	15.83	15.67
2.0	15.49	15.38	15.41	15.57	15.81	16.05	16.22	16.29	16.26	16.18
2.2	16.08	16.03	16.06	16.16	16.30	16.44	16.54	16.59	16.58	16.56
2.4	16.53	16.54	16.58	16.64	16.72	16.78	16.81	16.81	16.81	16.81
2.6	16.83	16.88	16.95	17.01	17.06	17.06	17.03	16.98	16.94	16.94
2.8	16.99	17.08	17.19	17.27	17.31	17.28	17.20	17.09	17.00	16.98
3.0	17.04	17.16	17.30	17.41	17.45	17.41	17.29	17.13	17.00	16.95
3.2	17.00	17.14	17.30	17.42	17.46	17.41	17.27	17.09	16.94	16.87
3.4	16.90	17.02	17.17	17.29	17.33	17.27	17.14	16.97	16.81	16.73
3.6	16.74	16.82	16.94	17.03	17.05	17.00	16.88	16.73	16.59	16.51
3.8	16.49	16.53	16.59	16.63	16.63	16.57	16.47	16.36	16.25	16.17
4.0	16.14	16.13	16.13	16.12	16.08	16.00	15.91	15.81	15.73	15.68
4.2	15.64	15.60	15.55	15.48	15.38	15.27	15.16	15.07	15.01	14.98
4.4	14.96	14.91	14.82	14.69	14.52	14.34	14.18	14.08	14.04	14.04
4.6	14.04	13.99	13.88	13.68	13.43	13.17	12.94	12.80	12.76	12.77
4.8	12.79	12.75	12.61	12.36	12.02	11.65	11.33	11.12	11.05	11.07
5.0	11.09	11.04	10.86	10.54	10.10	9.61	9.17	8.85	8.71	8.68
5.2	8.66	8.56	8.31	7.88	7.30	6.64	5.99	5.48	5.17	4.99
5.4	4.83	4.57	4.12	3.44	2.54	1.46	0.32	-0.73	-1.59	-2.30
5.6	-3.06	-4.09	-5.62	-7.91	-11.46	-17.71	-33.44	-18.40	-13.12	-10.09
5.8	-7.80	-5.78	-3.94	-2.31	-0.91	0.23	1.15	1.92	2.59	3.25
6.0	3.94	4.66	5.38	6.05	6.63	7.11	7.49	7.83	8.15	8.52
6.2	8.95	9.44	9.93	10.39	10.78	11.09	11.32	11.51	11.70	11.94
6.4	12.26	12.62	13.01	13.37	13.68	13.91	14.08	14.21	14.35	14.52
6.6	14.76	15.05	15.36	15.66	15.91	16.11	16.25	16.36	16.47	16.61
6.8	16.80	17.02	17.27	17.52	17.73	17.90	18.03	18.14	18.24	18.36
7.0	18.52	18.70	18.90	19.09	19.27	19.42	19.54	19.65	19.76	19.87
7.2	20.00	20.15	20.31	20.47	20.61	20.74	20.86	20.96	21.07	21.18
7.4	21.30	21.43	21.56	21.69	21.81	21.92	22.02	22.12	22.23	22.34
7.6	22.46	22.57	22.68	22.79	22.88	22.97	23.07	23.16	23.26	23.37
7.8	23.48	23.59	23.69	23.78	23.86	23.94	24.01	24.10	24.19	24.30
8.0	24.41	24.51	24.61	24.69	24.75	24.82	24.88	24.96	25.04	25.14
8.2	25.24	25.34	25.43	25.51	25.57	25.62	25.68	25.75	25.82	25.91
8.4	26.01	26.10	26.18	26.25	26.31	26.36	26.42	26.47	26.54	26.62
8.6	26.71	26.79	26.87	26.93	26.99	27.04	27.09	27.15	27.21	27.28
8.8	27.35	27.43	27.49	27.56	27.61	27.66	27.71	27.77	27.83	27.89
9.0	27.95	28.01	28.07	28.13	28.18	28.23	28.28	28.34	28.39	28.45
9.2	28.50	28.56	28.61	28.66	28.71	28.75	28.81	28.86	28.91	28.96
9.4	29.01	29.06	29.10	29.15	29.19	29.23	29.28	29.33	29.39	29.44
9.6	29.48	29.53	29.56	29.60	29.64	29.68	29.72	29.77	29.82	29.87
9.8	29.91	29.95	29.99	30.02	30.05	30.08	30.12	30.17	30.22	30.26

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 18.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.67	-8.19	-7.74	-7.29	-6.85	-6.43	-6.03	-5.63	-5.25	-4.88
0.12	-4.52	-4.17	-3.84	-3.51	-3.20	-2.90	-2.62	-2.34	-2.08	-1.83
0.14	-1.59	-1.36	-1.14	-0.93	-0.73	-0.55	-0.37	-0.21	-0.05	0.09
0.16	0.23	0.36	0.47	0.58	0.68	0.78	0.86	0.93	1.00	1.06
0.18	1.11	1.16	1.19	1.23	1.25	1.27	1.28	1.28	1.28	1.27
0.20	1.25	1.23	1.20	1.16	1.12	1.07	1.02	0.96	0.89	0.82
0.22	0.74	0.66	0.56	0.47	0.36	0.25	0.13	0.01	-0.12	-0.26
0.24	-0.40	-0.55	-0.70	-0.86	-1.03	-1.19	-1.37	-1.54	-1.71	-1.89
0.26	-2.07	-2.24	-2.40	-2.56	-2.72	-2.86	-2.98	-3.09	-3.18	-3.25
0.28	-3.29	-3.31	-3.30	-3.27	-3.21	-3.12	-3.00	-2.87	-2.71	-2.53
0.30	-2.34	-2.13	-1.91	-1.69	-1.46	-1.22	-0.98	-0.74	-0.50	-0.27
0.32	-0.03	0.20	0.42	0.64	0.86	1.06	1.27	1.46	1.65	1.84
0.34	2.01	2.18	2.35	2.50	2.66	2.80	2.94	3.07	3.20	3.32
0.36	3.43	3.54	3.64	3.74	3.83	3.91	3.99	4.07	4.14	4.20
0.38	4.26	4.32	4.37	4.41	4.45	4.49	4.52	4.55	4.57	4.59
0.40	4.60	4.61	4.62	4.62	4.62	4.62	4.61	4.60	4.58	4.57
0.42	4.55	4.52	4.50	4.47	4.44	4.41	4.37	4.34	4.30	4.26
0.44	4.22	4.18	4.15	4.11	4.07	4.03	3.99	3.96	3.92	3.89
0.46	3.86	3.83	3.81	3.79	3.77	3.76	3.75	3.74	3.74	3.74
0.48	3.75	3.76	3.78	3.80	3.82	3.85	3.88	3.92	3.96	4.01
0.50	4.05	4.11	4.16	4.22	4.28	4.34	4.41	4.48	4.55	4.62
0.52	4.69	4.76	4.84	4.91	4.98	5.06	5.13	5.21	5.28	5.36
0.54	5.43	5.50	5.57	5.64	5.71	5.78	5.84	5.91	5.97	6.03
0.56	6.09	6.15	6.20	6.26	6.31	6.36	6.41	6.45	6.50	6.54
0.58	6.58	6.62	6.66	6.70	6.73	6.77	6.80	6.83	6.85	6.88
0.60	6.90	6.93	6.95	6.97	6.99	7.01	7.02	7.04	7.05	7.07
0.62	7.08	7.09	7.11	7.12	7.13	7.14	7.15	7.16	7.16	7.17
0.64	7.18	7.19	7.20	7.21	7.22	7.23	7.23	7.24	7.25	7.26
0.66	7.27	7.29	7.30	7.31	7.32	7.33	7.35	7.36	7.38	7.39
0.68	7.41	7.43	7.45	7.47	7.48	7.50	7.52	7.55	7.57	7.59
0.70	7.61	7.64	7.66	7.68	7.71	7.73	7.76	7.79	7.81	7.84
0.72	7.86	7.89	7.92	7.94	7.97	8.00	8.03	8.05	8.08	8.11
0.74	8.13	8.16	8.18	8.21	8.24	8.26	8.29	8.31	8.34	8.36
0.76	8.38	8.41	8.43	8.45	8.48	8.50	8.52	8.54	8.56	8.58
0.78	8.60	8.62	8.64	8.66	8.68	8.70	8.72	8.74	8.76	8.78
0.80	8.79	8.81	8.83	8.85	8.87	8.89	8.90	8.92	8.94	8.96
0.82	8.98	9.00	9.02	9.03	9.05	9.07	9.09	9.11	9.14	9.16
0.84	9.18	9.20	9.22	9.24	9.27	9.29	9.31	9.34	9.36	9.39
0.86	9.41	9.44	9.46	9.49	9.51	9.54	9.56	9.59	9.62	9.64
0.88	9.67	9.70	9.72	9.75	9.78	9.80	9.83	9.86	9.88	9.91
0.90	9.93	9.96	9.98	10.01	10.03	10.05	10.07	10.10	10.12	10.14
0.92	10.16	10.18	10.20	10.21	10.23	10.25	10.26	10.28	10.29	10.30
0.94	10.32	10.33	10.34	10.35	10.36	10.37	10.37	10.38	10.39	10.39
0.96	10.39	10.40	10.40	10.40	10.40	10.41	10.41	10.41	10.41	10.40
0.98	10.40	10.40	10.40	10.40	10.40	10.40	10.39	10.39	10.39	10.39

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 18.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	10.39	10.42	10.57	10.85	11.22	11.61	11.91	12.08	12.08	11.93
1.2	11.73	11.58	11.64	11.94	12.40	12.89	13.26	13.43	13.39	13.16
1.4	12.84	12.60	12.59	12.87	13.36	13.86	14.24	14.41	14.35	14.11
1.6	13.79	13.53	13.50	13.73	14.15	14.59	14.92	15.07	15.02	14.83
1.8	14.58	14.38	14.35	14.51	14.81	15.13	15.37	15.49	15.48	15.37
2.0	15.22	15.10	15.09	15.18	15.35	15.54	15.69	15.78	15.78	15.74
2.2	15.68	15.65	15.66	15.72	15.80	15.89	15.95	15.97	15.97	15.96
2.4	15.96	15.99	16.04	16.11	16.16	16.18	16.16	16.11	16.06	16.04
2.6	16.06	16.14	16.25	16.34	16.40	16.39	16.31	16.19	16.07	16.00
2.8	16.02	16.13	16.29	16.43	16.50	16.48	16.36	16.18	16.00	15.88
3.0	15.88	16.00	16.18	16.34	16.43	16.40	16.27	16.06	15.84	15.69
3.2	15.66	15.76	15.92	16.08	16.16	16.14	16.01	15.81	15.59	15.42
3.4	15.36	15.41	15.53	15.64	15.70	15.68	15.56	15.38	15.19	15.03
3.6	14.95	14.95	14.99	15.04	15.05	15.00	14.89	14.74	14.59	14.46
3.8	14.37	14.32	14.30	14.26	14.20	14.10	13.98	13.84	13.71	13.62
4.0	13.54	13.48	13.40	13.28	13.13	12.94	12.75	12.59	12.48	12.42
4.2	12.38	12.32	12.21	12.02	11.75	11.44	11.13	10.89	10.75	10.72
4.4	10.72	10.69	10.56	10.29	9.90	9.40	8.90	8.51	8.29	8.25
4.6	8.28	8.27	8.11	7.75	7.17	6.41	5.60	4.90	4.47	4.34
4.8	4.35	4.29	4.02	3.43	2.48	1.16	-0.43	-2.05	-3.28	-3.90
5.0	-4.20	-4.68	-5.75	-7.77	-11.30	-17.14	-17.35	-11.86	-8.63	-6.77
5.2	-5.61	-4.66	-3.57	-2.23	-0.76	0.63	1.82	2.77	3.52	4.11
5.4	4.61	5.10	5.63	6.20	6.79	7.35	7.85	8.29	8.67	9.03
5.6	9.38	9.76	10.17	10.58	10.97	11.32	11.61	11.86	12.09	12.32
5.8	12.58	12.89	13.23	13.57	13.89	14.16	14.37	14.53	14.68	14.83
6.0	15.03	15.28	15.57	15.87	16.14	16.37	16.54	16.67	16.77	16.88
6.2	17.03	17.23	17.47	17.73	17.97	18.17	18.32	18.44	18.52	18.62
6.4	18.74	18.90	19.09	19.31	19.51	19.69	19.83	19.94	20.02	20.11
6.6	20.22	20.35	20.51	20.68	20.85	21.00	21.13	21.23	21.33	21.42
6.8	21.52	21.63	21.76	21.90	22.04	22.16	22.28	22.38	22.47	22.57
7.0	22.67	22.77	22.89	23.00	23.11	23.21	23.30	23.40	23.49	23.58
7.2	23.68	23.79	23.89	23.99	24.08	24.16	24.24	24.32	24.40	24.49
7.4	24.59	24.70	24.79	24.88	24.96	25.03	25.09	25.16	25 23	25.32
7.6	25.41	25.51	25.61	25.69	25 76	25.82	25.87	25.93	25.99	26.07
7.8	26.15	26.25	26.34	26.42	26.48	26.54	26.58	26.63	26.69	26.76
8.0	26.83	26.92	27.00	27.08	27.14	27.19	27.24	27.28	27.33	27.39
8.2	27.46	27.53	27.60	27.67	27.73	27.78	27.83	27.87	27.92	27.97
8.4	28.03	28.09	28.15	28.21	28.27	28.31	28.36	28.41	28.45	28.50
8.6	28.56	28.61	28.66	28.71	28.75	28.80	28.84	28.89	28.94	28.98
8.8	29.03	29.08	29.12	29.16	29.20	29.24	29.28	29.32	29.37	29.42
9.0	29.46	29.51	29.54	29.58	29.61	29.64	29.67	29.71	29.76	29.80
9.2	29.85	29.89	29.92	29.95	29.97	30.00	30.03	30.06	30.10	30.15
9.4	30.19	30.23	30.26	30.28	30.30	30.32	30.35	30.38	30.41	30.45
9.6	30.49	30.52	30.55	30.57	30.59	30.61	30.63	30.66	30.68	30.72
9.8	30.75	30.78	30.81	30.83	30.84	30.86	30.88	30.90	30.92	30.95

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 19.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.73	-8.26	-7.80	-7.35	-6.92	-6.50	-6.09	-5.69	-5.31	-4.94
0.12	-4.58	-4.23	-3.90	-3.58	-3.27	-2.97	-2.68	-2.40	-2.14	-1.89
0.14	-1.65	-1.42	-1.20	-0.99	-0.79	-0.61	-0.43	-0.26	-0.11	0.04
0.16	0.18	0.30	0.42	0.53	0.63	0.73	0.81	0.89	0.96	1.02
0.18	1.07	1.12	1.16	1.19	1.21	1.23	1.24	1.25	1.25	1.24
0.20	1.23	1.21	1.18	1.15	1.11	1.07	1.02	0.96	0.90	0.83
0.22	0.76	0.68	0.59	0.50	0.40	0.29	0.18	0.06	-0.06	-0.19
0.24	-0.32	-0.46	-0.61	-0.76	-0.91	-1.07	-1.23	-1.39	-1.56	-1.72
0.26	-1.89	-2.05	-2.20	-2.36	-2.50	-2.63	-2.75	-2.86	-2.95	-3.02
0.28	-3.07	-3.09	-3.10	-3.07	-3.03	-2.96	-2.86	-2.74	-2.61	-2.45
0.30	-2.28	-2.09	-1.89	-1.69	-1.47	-1.25	-1.03	-0.81	-0.58	-0.36
0.32	-0.13	0.09	0.30	0.52	0.72	0.93	1.12	1.31	1.50	1.68
0.34	1.85	2.02	2.18	2.34	2.49	2.63	2.77	2.90	3.03	3.15
0.36	3.26	3.37	3.48	3.57	3.67	3.75	3.84	3.91	3.99	4.06
0.38	4.12	4.18	4.23	4.28	4.32	4.36	4.40	4.43	4.46	4.48
0.40	4.50	4.52	4.53	4.54	4.55	4.55	4.55	4.54	4.54	4.53
0.42	4.51	4.50	4.48	4.46	4.44	4.41	4.39	4.36	4.33	4.31
0.44	4.28	4.24	4.21	4.18	4.15	4.12	4.09	4.07	4.04	4.01
0.46	3.99	3.97	3.95	3.93	3.92	3.91	3.90	3.89	3.89	3.89
0.48	3.90	3.91	3.92	3.94	3.96	3.98	4.01	4.04	4.07	4.11
0.50	4.15	4.19	4.24	4.29	4.34	4.39	4.45	4.51	4.57	4.63
0.52	4.69	4.75	4.82	4.88	4.95	5.01	5.08	5.14	5.21	5.28
0.54	5.34	5.41	5.47	5.53	5.60	5.66	5.72	5.78	5.84	5.89
0.56	5.95	6.00	6.06	6.11	6.16	6.21	6.26	6.30	6.35	6.39
0.58	6.43	6.47	6.51	6.55	6.58	6.62	6.65	6.68	6.71	6.74
0.60	6.77	6.80	6.82	6.85	6.87	6.89	6.91	6.93	6.95	6.97
0.62	6.99	7.01	7.02	7.04	7.06	7.07	7.09	7.10	7.12	7.13
0.64	7.14	7.16	7.17	7.19	7.20	7.21	7.23	7.24	7.26	7.27
0.66	7.28	7.30	7.32	7.33	7.35	7.36	7.38	7.40	7.42	7.43
0.68	7.45	7.47	7.49	7.51	7.53	7.55	7.57	7.59	7.62	7.64
0.70	7.66	7.68	7.70	7.73	7.75	7.77	7.80	7.82	7.84	7.87
0.72	7.89	7.92	7.94	7.96	7.99	8.01	8.03	8.06	8.08	8.10
0.74	8.12	8.15	8.17	8.19	8.21	8.23	8.25	8.27	8.29	8.31
0.76	8.33	8.35	8.37	8.39	8.40	8.42	8.44	8.45	8.47	8.49
0.78	8.50	8.52	8.54	8.55	8.57	8.58	8.60	8.61	8.63	8.64
0.80	8.66	8.67	8.69	8.70	8.72	8.73	8.75	8.77	8.78	8.80
0.82	8.82	8.84	8.86	8.87	8.89	8.91	8.93	8.96	8.98	9.00
0.84	9.02	9.05	9.07	9.09	9.12	9.15	9.17	9.20	9.23	9.25
0.86	9.28	9.31	9.34	9.37	9.40	9.43	9.46	9.50	9.53	9.56
0.88	9.59	9.62	9.66	9.69	9.72	9.75	9.78	9.81	9.84	9.87
0.90	9.91	9.93	9.96	9.99	10.02	10.05	10.07	10.10	10.12	10.15
0.92	10.17	10.19	10.22	10.24	10.25	10.27	10.29	10.31	10.32	10.33
0.94	10.35	10.36	10.37	10.38	10.38	10.39	10.39	10.40	10.40	10.40
0.96	10.40	10.40	10.40	10.40	10.40	10.39	10.39	10.38	10.37	10.37
0.98	10.36	10.35	10.34	10.33	10.32	10.31	10.30	10.29	10.29	10.28

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 19.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	10.27	10.22	10.31	10.60	11.03	11.49	11.87	12.08	12.08	11.90
1.2	11.62	11.37	11.34	11.61	12.12	12.67	13.11	13.34	13.33	13.10
1.4	12.73	12.40	12.29	12.52	13.00	13.53	13.96	14.18	14.18	13.96
1.6	13.63	13.33	13.22	13.37	13.73	14.16	14.50	14.69	14.71	14.56
1.8	14.34	14.14	14.05	14.13	14.35	14.62	14.85	14.98	15.01	14.95
2.0	14.84	14.74	14.71	14.75	14.85	14.98	15.09	15.15	15.17	15.15
2.2	15.12	15.11	15.13	15.18	15.24	15.28	15.28	15.26	15.21	15.18
2.4	15.18	15.23	15.32	15.42	15.48	15.49	15.42	15.30	15.16	15.07
2.6	15.05	15.14	15.29	15.44	15.55	15.55	15.44	15.25	15.03	14.85
2.8	14.79	14.87	15.06	15.26	15.39	15.41	15.29	15.06	14.78	14.54
3.0	14.43	14.48	14.65	14.85	14.99	15.01	14.89	14.66	14.38	14.12
3.2	13.97	13.97	14.07	14.21	14.32	14.32	14.22	14.01	13.76	13.52
3.4	13.35	13.28	13.30	13.35	13.37	13.33	13.22	13.04	12.82	12.62
3.6	12.46	12.36	12.29	12.23	12.14	12.01	11.83	11.63	11.44	11.28
3.8	11.15	11.04	10.92	10.75	10.52	10.23	9.92	9.62	9.39	9.25
4.0	9.17	9.10	8.96	8.70	8.29	7.76	7.16	6.61	6.22	6.05
4.2	6.02	6.01	5.86	5.48	4.81	3.85	2.66	1.44	0.51	0.11
4.4	0.11	0.13	-0.14	-0.91	-2.34	-4.66	-8.34	-14.77	-39.93	-18.42
4.6	-14.51	-14.10	-15.03	-13.20	-8.79	-5.05	-2.34	-0.44	0.84	1.64
4.8	2.12	2.43	2.77	3.30	4.05	4.93	5.81	6.57	7.18	7.64
5.0	7.99	8.29	8.59	8.95	9.37	9.82	10.26	10.67	11.03	11.34
5.2	11.61	11.89	12.18	12.49	12.81	13.11	13.40	13.65	13.87	14.07
5.4	14.28	14.52	14.78	15.07	15.35	15.61	15.82	15.99	16.14	16.27
5.6	16.42	16.61	16.84	17.10	17.36	17.59	17.78	17.92	18.02	18.12
5.8	18.23	18.37	18.57	18.79	19.03	19.24	19.41	19.54	19.63	19.70
6.0	19.79	19.91	20.06	20.25	20.45	20.64	20.79	20.91	21.00	21.08
6.2	21.16	21.26	21.38	21.54	21.70	21.85	21.99	22.11	22.20	22.28
6.4	22.36	22.45	22.56	22.69	22.81	22.94	23.06	23.16	23.25	23.34
6.6	23.42	23.52	23.61	23.72	23.82	23.92	24.01	24.10	24.18	24.27
6.8	24.36	24.45	24.55	24.64	24.73	24.81	24.88	24.95	25.03	25.11
7.0	25.19	25.29	25.38	25.47	25.55	25.62	25.68	25.73	25.79	25.86
7.2	25.94	26.03	26.12	26.21	26.29	26.35	26.40	26.44	26.49	26.55
7.4	26.62	26.70	26.79	26.87	26.95	27.00	27.05	27.09	27.13	27.18
7.6	27.24	27.31	27.39	27.46	27.53	27.59	27.63	27.67	27.71	27.75
7.8	27.80	27.86	27.93	27.99	28.05	28.10	28.15	28.19	28.22	28.27
8.0	28.31	28.36	28.41	28.47	28.52	28.56	28.60	28.64	28.68	28.72
8.2	28.77	28.81	28.86	28.90	28.94	28.97	29.01	29.04	29.08	29.13
8.4	29.17	29.21	29.25	29.28	29.31	29.34	29.37	29.40	29.43	29.47
8.6	29.52	29.56	29.59	29.62	29.64	29.66	29.68	29.70	29.74	29.77
8.8	29.81	29.85	29.88	29.91	29.93	29.94	29.95	29.97	29.99	30.02
9.0	30.06	30.09	30.12	30.15	30.16	30.17	30.18	30.19	30.21	30.24
9.2	30.26	30.29	30.32	30.34	30.35	30.36	30.37	30.38	30.39	30.41
9.4	30.43	30.45	30.46	30.48	30.49	30.50	30.50	30.51	30.52	30.53
9.6	30.55	30.56	30.57	30.58	30.58	30.59	30.59	30.60	30.61	30.62
9.8	30.62	30.63	30.63	30.63	30.63	30.63	30.63	30.64	30.65	30.65

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 20.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.80	-8.33	-7.87	-7.42	-6.99	-6.57	-6.16	-5.76	-5.38	-5.01
0.12	-4.65	-4.30	-3.97	-3.64	-3.33	-3.03	-2.75	-2.47	-2.21	-1.95
0.14	-1.71	-1.48	-1.26	-1.05	-0.86	-0.67	-0.49	-0.32	-0.17	-0.02
0.16	0.12	0.25	0.37	0.48	0.58	0.67	0.76	0.84	0.91	0.97
0.18	1.02	1.07	1.11	1.15	1.17	1.20	1.21	1.22	1.22	1.21
0.20	1.20	1.19	1.16	1.14	1.10	1.06	1.01	0.96	0.90	0.84
0.22	0.77	0.69	0.61	0.53	0.43	0.33	0.23	0.12	0.00	-0.12
0.24	-0.24	-0.37	-0.51	-0.65	-0.79	-0.94	-1.09	-1.24	-1.40	-1.55
0.26	-1.71	-1.86	-2.00	-2.15	-2.28	-2.41	-2.52	-2.63	-2.71	-2.78
0.28	-2.84	-2.87	-2.88	-2.87	-2.84	-2.78	-2.70	-2.61	-2.49	-2.35
0.30	-2.20	-2.04	-1.86	-1.67	-1.48	-1.27	-1.07	-0.86	-0.65	-0.43
0.32	-0.22	-0.01	0.19	0.40	0.60	0.79	0.98	1.17	1.35	1.52
0.34	1.70	1.86	2.02	2.17	2.32	2.46	2.60	2.73	2.86	2.98
0.36	3.09	3.20	3.31	3.41	3.50	3.59	3.67	3.75	3.83	3.90
0.38	3.97	4.03	4.08	4.14	4.19	4.23	4.27	4.31	4.34	4.37
0.40	4.39	4.42	4.44	4.45	4.46	4.47	4.48	4.48	4.48	4.48
0.42	4.47	4.46	4.45	4.44	4.43	4.41	4.39	4.38	4.36	4.34
0.44	4.31	4.29	4.27	4.25	4.22	4.20	4.18	4.16	4.14	4.12
0.46	4.10	4.09	4.07	4.06	4.05	4.04	4.03	4.03	4.03	4.03
0.48	4.04	4.04	4.06	4.07	4.09	4.11	4.13	4.15	4.18	4.21
0.50	4.25	4.28	4.32	4.36	4.41	4.45	4.50	4.55	4.60	4.65
0.52	4.70	4.76	4.81	4.87	4.92	4.98	5.04	5.10	5.15	5.21
0.54	5.27	5.33	5.39	5.44	5.50	5.55	5.61	5.66	5.72	5.77
0.56	5.82	5.87	5.92	5.97	6.02	6.06	6.11	6.15	6.20	6.24
0.58	6.28	6.32	6.36	6.40	6.43	6.47	6.50	6.53	6.56	6.60
0.60	6.63	6.65	6.68	6.71	6.74	6.76	6.79	6.81	6.83	6.86
0.62	6.88	6.90	6.92	6.94	6.96	6.98	7.00	7.02	7.04	7.06
0.64	7.08	7.09	7.11	7.13	7.15	7.17	7.19	7.21	7.22	7.24
0.66	7.26	7.28	7.30	7.32	7.34	7.36	7.38	7.40	7.42	7.45
0.68	7.47	7.49	7.51	7.53	7.56	7.58	7.60	7.62	7.65	7.67
0.70	7.69	7.72	7.74	7.76	7.79	7.81	7.83	7.86	7.88	7.90
0.72	7.92	7.95	7.97	7.99	8.01	8.03	8.05	8.07	8.09	8.11
0.74	8.13	8.15	8.17	8.19	8.21	8.22	8.24	8.26	8.27	8.29
0.76	8.30	8.31	8.33	8.34	8.35	8.37	8.38	8.39	8.40	8.41
0.78	8.42	8.43	8.44	8.45	8.46	8.47	8.48	8.49	8.50	8.51
0.80	8.52	8.53	8.54	8.55	8.56	8.57	8.59	8.60	8.61	8.63
0.82	8.64	8.65	8.67	8.69	8.70	8.72	8.74	8.76	8.78	8.81
0.84	8.83	8.85	8.88	8.90	8.93	8.96	8.99	9.02	9.05	9.08
0.86	9.11	9.14	9.18	9.21	9.25	9.28	9.32	9.36	9.39	9.43
0.88	9.47	9.51	9.55	9.58	9.62	9.66	9.70	9.74	9.77	9.81
0.90	9.85	9.88	9.92	9.95	9.99	10.02	10.05	10.08	10.11	10.14
0.92	10.17	10.20	10.22	10.25	10.27	10.29	10.31	10.33	10.34	10.36
0.94	10.37	10.39	10.40	10.41	10.41	10.42	10.42	10.43	10.43	10.43
0.96	10.43	10.42	10.42	10.41	10.40	10.40	10.39	10.37	10.36	10.35
0.98	10.33	10.32	10.30	10.29	10.27	10.25	10.23	10.21	10.20	10.18

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 20.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	10.16	10.01	10.03	10.31	10.79	11.33	11.78	12.05	12.08	11.88
1.2	11.53	11.17	11.04	11.26	11.77	12.38	12.89	13.19	13.22	13.00
1.4	12.62	12.22	12.01	12.15	12.58	13.13	13.59	13.87	13.91	13.75
1.6	13.44	13.12	12.94	13.00	13.28	13.65	13.99	14.21	14.27	14.19
1.8	14.01	13.83	13.71	13.73	13.86	14.05	14.24	14.36	14.41	14.38
2.0	14.32	14.25	14.23	14.25	14.30	14.37	14.42	14.43	14.41	14.37
2.2	14.35	14.37	14.43	14.51	14.57	14.59	14.54	14.44	14.31	14.20
2.4	14.15	14.21	14.34	14.49	14.61	14.64	14.55	14.36	14.11	13.89
2.6	13.77	13.81	13.98	14.20	14.38	14.44	14.34	14.10	13.78	13.46
2.8	13.25	13.24	13.40	13.63	13.83	13.90	13.82	13.57	13.23	12.87
3.0	12.61	12.52	12.60	12.77	12.93	12.98	12.90	12.68	12.36	12.01
3.2	11.73	11.57	11.54	11.59	11.64	11.62	11.50	11.29	11.01	10.71
3.4	10.44	10.24	10.11	10.01	9.89	9.72	9.48	9.20	8.91	8.64
3.6	8.41	8.22	8.03	7.79	7.45	7.01	6.49	5.95	5.48	5.16
3.8	4.97	4.83	4.63	4.24	3.59	2.63	1.38	-0.05	-1.33	-2.10
4.0	-2.30	-2.32	-2.60	-3.46	-5.16	-8.07	-12.75	-16.33	-12.31	-9.10
4.2	-7.62	-7.30	-7.49	-6.97	-4.95	-2.36	-0.07	1.68	2.90	3.68
4.4	4.09	4.27	4.39	4.66	5.21	5.99	6.87	7.68	8.35	8.84
4.6	9.16	9.38	9.57	9.81	10.13	10.54	11.00	11.46	11.86	12.20
4.8	12.47	12.71	12.93	13.16	13.43	13.71	14.00	14.28	14.54	14.76
5.0	14.97	15.18	15.40	15.64	15.89	16.13	16.36	16.55	16.72	16.86
5.2	17.01	17.18	17.37	17.60	17.84	18.07	18.27	18.43	18.55	18.65
5.4	18.74	18.87	19.03	19.23	19.46	19.67	19.86	20.01	20.11	20.19
5.6	20.26	20.35	20.48	20.64	20.84	21.03	21.21	21.34	21.45	21.52
5.8	21.58	21.66	21.76	21.90	22.05	22.22	22.37	22.50	22.60	22.67
6.0	22.74	22.82	22.91	23.02	23.14	23.27	23.39	23.50	23.60	23.68
6.2	23.76	23.84	23.93	24.02	24.12	24.22	24.32	24.41	24.49	24.57
6.4	24.65	24.73	24.82	24.91	25.00	25.08	25.15	25.22	25.29	25.36
6.6	25.43	25.52	25.61	25.70	25.78	25.85	25.91	25.96	26.01	26.07
6.8	26.13	26.21	26.30	26.39	26.47	26.54	26.59	26.63	26.67	26.71
7.0	26.76	26.83	26.91	26.99	27.07	27.14	27.19	27.23	27.26	27.29
7.2	27.33	27.39	27.46	27.53	27.60	27.66	27.71	27.75	27.78	27.81
7.4	27.84	27.89	27.94	28.00	28.06	28.11	28.16	28.19	28.23	28.26
7.6	28.29	28.33	28.38	28.42	28.47	28.51	28.54	28.58	28.61	28.64
7.8	28.68	28.71	28.75	28.79	28.82	28.85	28.88	28.90	28.93	28.96
8.0	29.00	29.04	29.07	29.10	29.12	29.14	29.16	29.17	29.20	29.22
8.2	29.26	29.29	29.33	29.35	29.37	29.38	29.39	29.40	29.41	29.43
8.4	29.46	29.49	29.52	29.55	29.56	29.57	29.57	29.57	29.58	29.59
8.6	29.61	29.63	29.66	29.68	29.69	29.70	29.69	29.69	29.69	29.69
8.8	29.71	29.72	29.74	29.75	29.76	29.76	29.76	29.75	29.75	29.75
9.0	29.75	29.76	29.76	29.77	29.77	29.77	29.76	29.76	29.75	29.75
9.2	29.74	29.74	29.74	29.73	29.72	29.71	29.70	29.69	29.69	29.68
9.4	29.67	29.66	29.65	29.64	29.62	29.60	29.58	29.56	29.55	29.54
9.6	29.54	29.52	29.50	29.48	29.45	29.42	29.39	29.37	29.35	29.34
9.8	29.32	29.31	29.29	29.25	29.22	29.18	29.14	29.11	29.08	29.06

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 21.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.87	-8.40	-7.94	-7.49	-7.06	-6.64	-6.23	-5.83	-5.45	-5.08
0.12	-4.72	-4.37	-4.04	-3.71	-3.40	-3.10	-2.81	-2.54	-2.27	-2.02
0.14	-1.78	-1.55	-1.33	-1.12	-0.92	-0.73	-0.56	-0.39	-0.23	-0.08
0.16	0.06	0.19	0.31	0.42	0.52	0.62	0.70	0.78	0.86	0.92
0.18	0.98	1.03	1.07	1.10	1.13	1.16	1.17	1.18	1.19	1.18
0.20	1.18	1.16	1.14	1.12	1.09	1.05	1.01	0.96	0.91	0.85
0.22	0.78	0.71	0.64	0.55	0.47	0.38	0.28	0.18	0.07	-0.05
0.24	-0.16	-0.29	-0.41	-0.54	-0.68	-0.82	-0.96	-1.10	-1.24	-1.38
0.26	-1.53	-1.67	-1.81	-1.94	-2.07	-2.18	-2.29	-2.39	-2.48	-2.55
0.28	-2.60	-2.64	-2.66	-2.66	-2.64	-2.60	-2.54	-2.45	-2.36	-2.24
0.30	-2.11	-1.96	-1.81	-1.64	-1.46	-1.28	-1.09	-0.89	-0.70	-0.50
0.32	-0.30	-0.11	0.09	0.28	0.47	0.66	0.85	1.02	1.20	1.37
0.34	1.54	1.70	1.85	2.00	2.15	2.29	2.43	2.56	2.68	2.80
0.36	2.92	3.03	3.13	3.23	3.33	3.42	3.50	3.59	3.66	3.74
0.38	3.81	3.87	3.93	3.99	4.04	4.09	4.13	4.17	4.21	4.25
0.40	4.28	4.30	4.33	4.35	4.37	4.38	4.39	4.40	4.41	4.41
0.42	4.42	4.42	4.41	4.41	4.40	4.39	4.39	4.38	4.36	4.35
0.44	4.34	4.32	4.31	4.29	4.28	4.26	4.25	4.24	4.22	4.21
0.46	4.20	4.19	4.18	4.17	4.16	4.16	4.16	4.15	4.16	4.16
0.48	4.17	4.17	4.18	4.20	4.21	4.23	4.25	4.27	4.29	4.32
0.50	4.35	4.38	4.41	4.45	4.48	4.52	4.56	4.60	4.64	4.69
0.52	4.73	4.78	4.82	4.87	4.92	4.97	5.02	5.07	5.12	5.17
0.54	5.22	5.27	5.32	5.37	5.42	5.47	5.52	5.57	5.61	5.66
0.56	5.71	5.75	5.80	5.84	5.89	5.93	5.97	6.01	6.05	6.09
0.58	6.13	6.17	6.21	6.24	6.28	6.31	6.35	6.38	6.41	6.44
0.60	6.47	6.50	6.53	6.56	6.59	6.61	6.64	6.67	6.69	6.72
0.62	6.74	6.77	6.79	6.82	6.84	6.86	6.88	6.91	6.93	6.95
0.64	6.98	7.00	7.02	7.04	7.07	7.09	7.11	7.14	7.16	7.18
0.66	7.21	7.23	7.25	7.28	7.30	7.33	7.35	7.38	7.40	7.43
0.68	7.45	7.48	7.50	7.53	7.56	7.58	7.61	7.63	7.66	7.69
0.70	7.71	7.74	7.76	7.79	7.81	7.84	7.86	7.89	7.91	7.93
0.72	7.96	7.98	8.00	8.02	8.04	8.06	8.08	8.10	8.12	8.14
0.74	8.16	8.17	8.19	8.21	8.22	8.23	8.25	8.26	8.27	8.28
0.76	8.29	8.30	8.31	8.32	8.33	8.33	8.34	8.34	8.35	8.35
0.78	8.36	8.36	8.37	8.37	8.37	8.37	8.38	8.38	8.38	8.39
0.80	8.39	8.39	8.40	8.40	8.40	8.41	8.42	8.42	8.43	8.44
0.82	8.45	8.46	8.47	8.48	8.49	8.51	8.52	8.54	8.56	8.58
0.84	8.60	8.62	8.65	8.67	8.70	8.73	8.76	8.79	8.82	8.86
0.86	8.89	8.93	8.97	9.00	9.04	9.08	9.13	9.17	9.21	9.26
0.88	9.30	9.35	9.39	9.44	9.48	9.53	9.57	9.62	9.66	9.71
0.90	9.75	9.79	9.84	9.88	9.92	9.96	10.00	10.04	10.07	10.11
0.92	10.14	10.17	10.21	10.23	10.26	10.29	10.31	10.34	10.36	10.37
0.94	10.39	10.41	10.42	10.43	10.44	10.45	10.45	10.45	10.46	10.46
0.96	10.45	10.45	10.44	10.43	10.42	10.41	10.40	10.38	10.36	10.35
0.98	10.33	10.30	10.28	10.26	10.23	10.21	10.18	10.15	10.13	10.10

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 21.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	10.07	9.81	9.73	9.97	10.48	11.10	11.64	11.97	12.04	11.84
1.2	11.44	11.00	10.74	10.87	11.37	12.02	12.59	12.95	13.04	12.86
1.4	12.48	12.04	11.75	11.77	12.13	12.64	13.13	13.44	13.55	13.44
1.6	13.18	12.87	12.65	12.62	12.80	13.09	13.40	13.62	13.71	13.68
1.8	13.55	13.41	13.30	13.27	13.33	13.44	13.56	13.64	13.67	13.65
2.0	13.61	13.58	13.58	13.61	13.66	13.69	13.68	13.61	13.51	13.41
2.2	13.35	13.37	13.47	13.60	13.71	13.75	13.68	13.51	13.26	13.01
2.4	12.85	12.85	13.00	13.23	13.43	13.52	13.45	13.21	12.86	12.47
2.6	12.18	12.09	12.23	12.49	12.74	12.87	12.82	12.58	12.18	11.72
2.8	11.32	11.13	11.17	11.37	11.59	11.71	11.67	11.44	11.06	10.59
3.0	10.16	9.87	9.77	9.81	9.89	9.92	9.82	9.58	9.22	8.79
3.2	8.37	8.03	7.79	7.62	7.47	7.27	6.98	6.59	6.15	5.70
3.4	5.29	4.94	4.60	4.22	3.71	3.03	2.16	1.15	0.14	-0.69
3.6	-1.23	-1.59	-2.04	-2.83	-4.23	-6.58	-10.49	-17.43	-18.35	-12.88
3.8	-10.13	-9.25	-9.37	-9.11	-7.00	-3.97	-1.27	0.80	2.26	3.19
4.0	3.68	3.85	3.87	3.99	4.44	5.27	6.29	7.28	8.09	8.68
4.2	9.04	9.23	9.32	9.45	9.69	10.10	10.63	11.20	11.71	12.13
4.4	12.43	12.65	12.81	12.97	13.18	13.45	13.77	14.11	14.43	14.72
4.6	14.96	15.17	15.36	15.55	15.76	15.99	16.22	16.44	16.65	16.84
4.8	17.01	17.18	17.36	17.56	17.78	18.00	18.20	18.38	18.53	18.65
5.0	18.76	18.88	19.03	19.21	19.42	19.64	19.84	20.00	20.12	20.21
5.2	20.28	20.36	20.47	20.63	20.81	21.01	21.20	21.36	21.48	21.56
5.4	21.62	21.68	21.76	21.88	22.03	22.20	22.37	22.52	22.63	22.72
5.6	22.78	22.84	22.91	23.00	23.12	23.26	23.39	23.52	23.63	23.71
5.8	23.78	23.85	23.92	24.00	24.10	24.20	24.31	24.41	24.50	24.58
6.0	24.65	24.73	24.80	24.88	24.97	25.05	25.13	25.20	25.27	25.34
6.2	25.41	25.48	25.56	25.65	25.73	25.81	25.87	25.92	25.97	26.02
6.4	26.07	26.14	26.22	26.30	26.39	26.46	26.52	26.56	26.60	26.63
6.6	26.67	26.72	26.79	26.87	26.95	27.02	27.08	27.12	27.15	27.17
6.8	27.20	27.24	27.29	27.36	27.43	27.49	27.55	27.59	27.61	27.64
7.0	27.66	27.69	27.73	27.78	27.84	27.89	27.94	27.97	28.00	28.03
7.2	28.05	28.08	28.11	28.14	28.18	28.22	28.26	28.29	28.31	28.34
7.4	28.36	28.39	28.42	28.45	28.47	28.50	28.52	28.53	28.55	28.57
7.6	28.60	28.63	28.65	28.68	28.70	28.71	28.72	28.72	28.73	28.74
7.8	28.76	28.79	28.81	28.84	28.86	28.86	28.86	28.85	28.85	28.85
8.0	28.86	28.88	28.90	28.92	28.94	28.94	28.94	28.92	28.91	28.90
8.2	28.90	28.91	28.92	28.93	28.94	28.94	28.93	28.92	28.90	28.88
8.4	28.87	28.87	28.87	28.87	28.87	28.86	28.85	28.83	28.81	28.79
8.6	28.78	28.76	28.75	28.74	28.72	28.71	28.69	28.67	28.64	28.62
8.8	28.60	28.58	28.56	28.53	28.50	28.47	28.44	28.41	28.38	28.36
9.0	28.33	28.31	28.28	28.24	28.20	28.16	28.11	28.06	28.02	27.99
9.2	27.96	27.93	27.90	27.86	27.80	27.74	27.68	27.62	27.57	27.52
9.4	27.48	27.44	27.40	27.35	27.29	27.22	27.14	27.07	26.99	26.93
9.6	26.87	26.82	26.77	26.71	26.63	26.55	26.47	26.37	26.29	26.20
9.8	26.13	26.05	25.98	25.90	25.81	25.72	25.62	25.51	25.41	25.31

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 22.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-8.95	-8.48	-8.02	-7.57	-7.14	-6.71	-6.31	-5.91	-5.53	-5.15
0.12	-4.79	-4.45	-4.11	-3.79	-3.48	-3.18	-2.89	-2.61	-2.35	-2.09
0.14	-1.85	-1.62	-1.40	-1.19	-0.99	-0.80	-0.62	-0.45	-0.30	-0.15
0.16	-0.01	0.12	0.24	0.36	0.46	0.56	0.65	0.73	0.80	0.87
0.18	0.92	0.98	1.02	1.06	1.09	1.11	1.13	1.15	1.15	1.15
0.20	1.15	1.14	1.12	1.10	1.07	1.04	1.00	0.96	0.91	0.85
0.22	0.79	0.73	0.66	0.58	0.50	0.42	0.33	0.23	0.13	0.02
0.24	-0.09	-0.20	-0.32	-0.44	-0.56	-0.69	-0.82	-0.95	-1.09	-1.22
0.26	-1.35	-1.48	-1.61	-1.73	-1.85	-1.96	-2.07	-2.16	-2.24	-2.31
0.28	-2.37	-2.41	-2.43	-2.44	-2.43	-2.40	-2.35	-2.29	-2.21	-2.11
0.30	-2.00	-1.87	-1.74	-1.59	-1.43	-1.26	-1.09	-0.92	-0.74	-0.55
0.32	-0.37	-0.19	-0.00	0.18	0.36	0.54	0.72	0.89	1.06	1.22
0.34	1.38	1.54	1.69	1.84	1.98	2.12	2.25	2.38	2.50	2.62
0.36	2.74	2.85	2.95	3.05	3.15	3.24	3.33	3.41	3.49	3.57
0.38	3.64	3.70	3.77	3.83	3.88	3.94	3.98	4.03	4.07	4.11
0.40	4.15	4.18	4.21	4.23	4.26	4.28	4.30	4.31	4.33	4.34
0.42	4.35	4.35	4.36	4.36	4.36	4.36	4.36	4.36	4.35	4.35
0.44	4.34	4.34	4.33	4.32	4.32	4.31	4.30	4.29	4.29	4.28
0.46	4.27	4.27	4.27	4.26	4.26	4.26	4.26	4.26	4.27	4.27
0.48	4.28	4.29	4.30	4.31	4.32	4.34	4.36	4.38	4.40	4.42
0.50	4.45	4.47	4.50	4.53	4.56	4.59	4.63	4.66	4.70	4.74
0.52	4.77	4.81	4.85	4.89	4.93	4.98	5.02	5.06	5.10	5.15
0.54	5.19	5.23	5.28	5.32	5.36	5.40	5.45	5.49	5.53	5.57
0.56	5.61	5.65	5.69	5.73	5.77	5.81	5.85	5.89	5.92	5.96
0.58	5.99	6.03	6.06	6.10	6.13	6.16	6.19	6.22	6.25	6.28
0.60	6.31	6.34	6.37	6.40	6.43	6.45	6.48	6.51	6.53	6.56
0.62	6.59	6.61	6.64	6.66	6.69	6.72	6.74	6.77	6.79	6.82
0.64	6.84	6.87	6.90	6.92	6.95	6.98	7.00	7.03	7.06	7.08
0.66	7.11	7.14	7.17	7.20	7.23	7.26	7.29	7.32	7.34	7.37
0.68	7.40	7.44	7.47	7.50	7.53	7.56	7.59	7.62	7.65	7.68
0.70	7.71	7.74	7.76	7.79	7.82	7.85	7.88	7.90	7.93	7.96
0.72	7.98	8.01	8.03	8.05	8.08	8.10	8.12	8.14	8.16	8.17
0.74	8.19	8.21	8.22	8.24	8.25	8.26	8.27	8.28	8.29	8.30
0.76	8.30	8.31	8.31	8.32	8.32	8.32	8.32	8.32	8.32	8.32
0.78	8.32	8.32	8.31	8.31	8.30	8.30	8.29	8.29	8.28	8.28
0.80	8.27	8.27	8.26	8.26	8.25	8.25	8.25	8.24	8.24	8.24
0.82	8.24	8.25	8.25	8.25	8.26	8.27	8.28	8.29	8.30	8.32
0.84	8.34	8.36	8.38	8.40	8.43	8.45	8.48	8.52	8.55	8.58
0.86	8.62	8.66	8.70	8.75	8.79	8.83	8.88	8.93	8.98	9.03
0.88	9.08	9.13	9.19	9.24	9.29	9.35	9.40	9.45	9.51	9.56
0.90	9.61	9.66	9.71	9.76	9.81	9.86	9.91	9.95	10.00	10.04
0.92	10.08	10.12	10.16	10.19	10.23	10.26	10.29	10.32	10.34	10.37
0.94	10.39	10.41	10.42	10.44	10.45	10.46	10.47	10.47	10.48	10.48
0.96	10.47	10.47	10.46	10.45	10.44	10.43	10.41	10.39	10.37	10.35
0.98	10.33	10.30	10.27	10.24	10.21	10.18	10.15	10.11	10.07	10.04

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 22.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	10.00	9.63	9.42	9.59	10.12	10.81	11.43	11.84	11.96	11.78
1.2	11.36	10.84	10.46	10.48	10.92	11.58	12.21	12.63	12.77	12.64
1.4	12.29	11.85	11.49	11.40	11.65	12.10	12.57	12.91	13.06	13.01
1.6	12.81	12.54	12.31	12.21	12.29	12.49	12.73	12.91	13.01	13.01
1.8	12.93	12.83	12.74	12.71	12.73	12.78	12.82	12.83	12.79	12.73
2.0	12.67	12.66	12.69	12.77	12.86	12.89	12.84	12.69	12.48	12.25
2.2	12.08	12.05	12.16	12.36	12.56	12.67	12.62	12.40	12.03	11.60
2.4	11.25	11.10	11.20	11.47	11.77	11.96	11.94	11.71	11.27	10.71
2.6	10.19	9.87	9.85	10.08	10.38	10.59	10.60	10.38	9.94	9.34
2.8	8.73	8.25	8.04	8.08	8.24	8.34	8.30	8.05	7.61	7.02
3.0	6.38	5.80	5.38	5.12	4.94	4.73	4.40	3.92	3.29	2.56
3.2	1.81	1.10	0.45	-0.23	-1.08	-2.24	-3.86	-6.05	-8.88	-12.10
3.4	-14.70	-16.19	-18.62	-26.51	-19.74	-11.39	-6.66	-3.55	-1.45	-0.09
3.6	0.69	1.03	1.12	1.27	1.82	2.86	4.17	5.44	6.48	7.22
3.8	7.67	7.86	7.90	7.94	8.14	8.59	9.26	10.00	10.69	11.23
4.0	11.59	11.80	11.91	11.99	12.13	12.38	12.76	13.21	13.65	14.04
4.2	14.34	14.57	14.73	14.87	15.02	15.22	15.47	15.74	16.02	16.28
4.4	16.51	16.70	16.88	17.05	17.24	17.43	17.63	17.83	18.02	18.18
4.6	18.33	18.48	18.63	18.80	19.00	19.20	19.40	19.57	19.72	19.83
4.8	19.92	20.01	20.12	20.27	20.45	20.65	20.85	21.02	21.16	21.25
5.0	21.32	21.37	21.45	21.56	21.70	21.88	22.07	22.23	22.37	22.46
5.2	22.52	22.57	22.63	22.71	22.82	22.96	23.11	23.26	23.39	23.48
5.4	23.55	23.61	23.66	23.73	23.82	23.92	24.04	24.16	24.26	24.35
5.6	24.43	24.49	24.56	24.63	24.70	24.78	24.87	24.95	25.03	25.11
5.8	25.17	25.24	25.31	25.39	25.46	25.54	25.61	25.67	25.72	25.77
6.0	25.82	25.88	25.95	26.03	26.11	26.18	26.25	26.29	26.33	26.36
6.2	26.39	26.43	26.49	26.56	26.64	26.71	26.78	26.82	26.85	26.87
6.4	26.89	26.91	26.95	27.01	27.08	27.14	27.20	27.25	27.28	27.30
6.6	27.31	27.32	27.35	27.39	27.44	27.49	27.54	27.58	27.61	27.63
6.8	27.64	27.65	27.67	27.70	27.73	27.76	27.80	27.83	27.85	27.87
7.0	27.88	27.90	27.91	27.93	27.95	27.97	27.99	28.00	28.01	28.02
7.2	28.03	28.05	28.06	28.08	28.10	28.11	28.11	28.10	28.09	28.09
7.4	28.09	28.11	28.12	28.14	28.15	28.16	28.15	28.13	28.11	28.09
7.6	28.08	28.08	28.09	28.10	28.11	28.11	28.10	28.08	28.05	28.02
7.8	27.99	27.97	27.97	27.97	27.97	27.97	27.95	27.93	27.89	27.85
8.0	27.82	27.79	27.77	27.75	27.74	27.72	27.69	27.66	27.62	27.58
8.2	27.54	27.50	27.47	27.43	27.40	27.36	27.33	27.28	27.24	27.19
8.4	27.15	27.10	27.06	27.01	26.96	26.90	26.84	26.78	26.72	26.66
8.6	26.61	26.56	26.51	26.45	26.38	26.31	26.22	26.14	26.05	25.98
8.8	25.91	25.85	25.79	25.72	25.64	25.55	25.44	25.33	25.22	25.12
9.0	25.03	24.94	24.87	24.78	24.69	24.58	24.45	24.31	24.17	24.04
9.2	23.91	23.80	23.69	23.58	23.46	23.32	23.17	23.00	22.83	22.66
9.4	22.49	22.33	22.17	22.01	21.84	21.66	21.47	21.27	21.05	20.84
9.6	20.62	20.39	20.17	19.93	19.68	19.42	19.14	18.86	18.57	18.28
9.8	17.98	17.66	17.32	16.96	16.56	16.13	15.68	15.22	14.76	14.29

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 23.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-9.03	-8.56	-8.10	-7.65	-7.22	-6.79	-6.39	-5.99	-5.60	-5.23
0.12	-4.87	-4.52	-4.19	-3.87	-3.55	-3.25	-2.96	-2.69	-2.42	-2.17
0.14	-1.93	-1.69	-1.47	-1.26	-1.06	-0.87	-0.69	-0.52	-0.37	-0.22
0.16	-0.08	0.06	0.18	0.29	0.40	0.50	0.59	0.67	0.74	0.81
0.18	0.87	0.92	0.97	1.01	1.04	1.07	1.09	1.11	1.12	1.12
0.20	1.12	1.11	1.10	1.08	1.05	1.03	0.99	0.95	0.91	0.86
0.22	0.80	0.74	0.68	0.61	0.53	0.46	0.37	0.28	0.19	0.09
0.24	-0.01	-0.11	-0.22	-0.33	-0.45	-0.57	-0.69	-0.81	-0.93	-1.05
0.26	-1.18	-1.30	-1.42	-1.53	-1.64	-1.75	-1.84	-1.93	-2.01	-2.08
0.28	-2.14	-2.18	-2.21	-2.22	-2.22	-2.20	-2.17	-2.12	-2.05	-1.97
0.30	-1.88	-1.77	-1.65	-1.52	-1.38	-1.23	-1.08	-0.92	-0.76	-0.59
0.32	-0.42	-0.25	-0.08	0.09	0.26	0.43	0.60	0.76	0.92	1.08
0.34	1.23	1.38	1.53	1.67	1.81	1.94	2.07	2.20	2.32	2.44
0.36	2.55	2.66	2.77	2.87	2.96	3.06	3.15	3.23	3.31	3.39
0.38	3.46	3.53	3.60	3.66	3.72	3.78	3.83	3.88	3.92	3.97
0.40	4.01	4.04	4.08	4.11	4.14	4.17	4.19	4.21	4.23	4.25
0.42	4.26	4.28	4.29	4.30	4.31	4.31	4.32	4.33	4.33	4.33
0.44	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33
0.46	4.33	4.33	4.33	4.34	4.34	4.34	4.35	4.35	4.36	4.37
0.48	4.38	4.39	4.40	4.41	4.43	4.44	4.46	4.48	4.50	4.52
0.50	4.54	4.56	4.59	4.62	4.64	4.67	4.70	4.73	4.76	4.79
0.52	4.83	4.86	4.89	4.93	4.96	5.00	5.03	5.07	5.11	5.14
0.54	5.18	5.21	5.25	5.29	5.32	5.36	5.40	5.43	5.47	5.50
0.56	5.54	5.57	5.61	5.64	5.68	5.71	5.74	5.77	5.81	5.84
0.58	5.87	5.90	5.93	5.96	5.99	6.01	6.04	6.07	6.10	6.13
0.60	6.15	6.18	6.21	6.23	6.26	6.28	6.31	6.33	6.36	6.39
0.62	6.41	6.44	6.46	6.49	6.52	6.54	6.57	6.60	6.62	6.65
0.64	6.68	6.71	6.73	6.76	6.79	6.82	6.85	6.88	6.92	6.95
0.66	6.98	7.01	7.04	7.08	7.11	7.15	7.18	7.21	7.25	7.28
0.68	7.32	7.36	7.39	7.43	7.46	7.50	7.53	7.57	7.60	7.64
0.70	7.67	7.71	7.74	7.78	7.81	7.84	7.87	7.91	7.94	7.97
0.72	8.00	8.02	8.05	8.08	8.10	8.13	8.15	8.17	8.19	8.21
0.74	8.23	8.24	8.26	8.27	8.29	8.30	8.31	8.32	8.32	8.33
0.76	8.33	8.34	8.34	8.34	8.33	8.33	8.33	8.32	8.32	8.31
0.78	8.30	8.29	8.28	8.27	8.26	8.24	8.23	8.22	8.20	8.19
0.80	8.17	8.16	8.14	8.13	8.11	8.10	8.08	8.07	8.06	8.05
0.82	8.04	8.03	8.03	8.02	8.02	8.02	8.02	8.02	8.03	8.04
0.84	8.05	8.06	8.08	8.10	8.12	8.14	8.17	8.20	8.23	8.27
0.86	8.31	8.35	8.39	8.44	8.48	8.53	8.58	8.64	8.69	8.75
0.88	8.81	8.87	8.93	8.99	9.05	9.11	9.17	9.23	9.30	9.36
0.90	9.42	9.48	9.54	9.60	9.66	9.71	9.77	9.83	9.88	9.93
0.92	9.98	10.03	10.07	10.12	10.16	10.20	10.23	10.27	10.30	10.33
0.94	10.36	10.38	10.40	10.42	10.44	10.45	10.46	10.47	10.48	10.48
0.96	10.48	10.48	10.47	10.46	10.45	10.44	10.42	10.40	10.38	10.35
0.98	10.33	10.30	10.27	10.23	10.20	10.16	10.12	10.08	10.04	9.99

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 23.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	9.95	9.46	9.12	9.18	9.70	10.45	11.15	11.64	11.82	11.68
1.2	11.26	10.69	10.21	10.09	10.43	11.07	11.72	12.20	12.41	12.34
1.4	12.04	11.61	11.21	11.03	11.15	11.50	11.92	12.26	12.44	12.45
1.6	12.31	12.09	11.88	11.75	11.75	11.85	11.99	12.11	12.17	12.16
1.8	12.11	12.04	12.00	11.99	12.01	12.03	12.01	11.93	11.78	11.61
2.0	11.48	11.43	11.49	11.64	11.79	11.88	11.84	11.64	11.29	10.88
2.2	10.51	10.32	10.39	10.65	10.96	11.17	11.19	10.97	10.51	9.89
2.4	9.26	8.82	8.75	9.00	9.38	9.68	9.75	9.55	9.06	8.35
2.6	7.53	6.84	6.49	6.53	6.79	7.02	7.07	6.85	6.34	5.57
2.8	4.65	3.73	3.02	2.62	2.44	2.30	2.01	1.47	0.63	-0.49
3.0	-1.83	-3.28	-4.73	-6.22	-7.99	-10.52	-14.90	-25.58	-20.26	-13.02
3.2	-9.61	-7.71	-6.53	-5.46	-4.06	-2.26	-0.36	1.35	2.72	3.72
3.4	4.35	4.67	4.80	4.90	5.20	5.82	6.72	7.70	8.59	9.28
3.6	9.73	9.96	10.03	10.04	10.14	10.43	10.92	11.54	12.16	12.69
3.8	13.08	13.32	13.44	13.51	13.59	13.76	14.05	14.42	14.83	15.21
4.0	15.52	15.76	15.92	16.05	16.18	16.34	16.54	16.77	17.02	17.27
4.2	17.49	17.68	17.86	18.02	18.18	18.36	18.54	18.72	18.90	19.05
4.4	19.19	19.32	19.46	19.61	19.78	19.97	20.16	20.34	20.49	20.60
4.6	20.69	20.76	20.85	20.96	21.11	21.29	21.48	21.66	21.81	21.92
4.8	21.99	22.04	22.09	22.16	22.27	22.42	22.59	22.76	22.91	23.02
5.0	23.09	23.14	23.18	23.23	23.31	23.42	23.55	23.69	23.82	23.93
5.2	24.01	24.07	24.12	24.17	24.23	24.31	24.41	24.51	24.61	24.69
5.4	24.77	24.84	24.90	24.96	25.02	25.09	25.16	25.23	25.30	25.36
5.6	25.41	25.47	25.53	25.60	25.67	25.74	25.81	25.86	25.90	25.94
5.8	25.97	26.00	26.05	26.12	26.19	26.26	26.33	26.38	26.42	26.43
6.0	26.44	26.46	26.49	26.53	26.60	26.67	26.73	26.78	26.82	26.83
6.2	26.83	26.83	26.84	26.87	26.91	26.97	27.02	27.07	27.10	27.12
6.4	27.12	27.12	27.12	27.13	27.16	27.19	27.22	27.25	27.27	27.29
6.6	27.29	27.30	27.30	27.30	27.31	27.33	27.34	27.35	27.35	27.36
6.8	27.36	27.36	27.36	27.37	27.38	27.38	27.37	27.36	27.35	27.33
7.0	27.32	27.31	27.31	27.32	27.32	27.32	27.31	27.28	27.25	27.21
7.2	27.18	27.16	27.15	27.15	27.15	27.14	27.13	27.10	27.05	27.00
7.4	26.94	26.90	26.87	26.85	26.84	26.83	26.81	26.77	26.72	26.66
7.6	26.59	26.53	26.48	26.44	26.41	26.38	26.34	26.29	26.23	26.17
7.8	26.10	26.03	25.96	25.90	25.84	25.78	25.71	25.65	25.57	25.49
8.0	25.42	25.34	25.26	25.18	25.10	25.01	24.91	24.81	24.71	24.61
8.2	24.51	24.42	24.33	24.24	24.14	24.02	23.89	23.75	23.60	23.46
8.4	23.33	23.21	23.10	22.99	22.87	22.72	22.56	22.37	22.17	21.97
8.6	21.79	21.62	21.47	21.31	21.15	20.97	20.76	20.52	20.26	19.99
8.8	19.72	19.47	19.23	19.00	18.76	18.50	18.21	17.88	17.52	17.14
9.0	16.75	16.35	15.95	15.55	15.13	14.68	14.18	13.64	13.05	12.40
9.2	11.71	10.96	10.15	9.25	8.22	7.04	5.65	3.98	1.96	-0.62
9.4	-4.21	-10.36	-32.77	-9.22	-3.20	0.44	3.05	5.04	6.61	7.88
9.6	8.93	9.84	10.67	11.47	12.24	13.00	13.72	14.40	15.01	15.54
9.8	16.02	16.44	16.84	17.23	17.63	18.04	18.46	18.86	19.25	19.60

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 24.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-9.11	-8.64	-8.18	-7.73	-7.30	-6.88	-6.47	-6.07	-5.69	-5.32
0.12	-4.96	-4.61	-4.27	-3.95	-3.63	-3.33	-3.05	-2.77	-2.50	-2.25
0.14	-2.00	-1.77	-1.55	-1.34	-1.14	-0.95	-0.77	-0.60	-0.44	-0.29
0.16	-0.15	-0.01	0.11	0.23	0.33	0.43	0.52	0.61	0.68	0.75
0.18	0.81	0.87	0.92	0.96	0.99	1.02	1.05	1.06	1.08	1.08
0.20	1.08	1.08	1.07	1.05	1.03	1.01	0.98	0.94	0.90	0.86
0.22	0.81	0.76	0.70	0.63	0.57	0.49	0.42	0.33	0.25	0.16
0.24	0.07	-0.03	-0.13	-0.23	-0.34	-0.45	-0.56	-0.67	-0.78	-0.89
0.26	-1.01	-1.12	-1.23	-1.33	-1.43	-1.53	-1.62	-1.71	-1.78	-1.85
0.28	-1.90	-1.95	-1.98	-2.00	-2.00	-1.99	-1.97	-1.93	-1.88	-1.81
0.30	-1.74	-1.65	-1.54	-1.43	-1.31	-1.18	-1.05	-0.91	-0.76	-0.61
0.32	-0.45	-0.30	-0.14	0.02	0.17	0.33	0.49	0.64	0.79	0.94
0.34	1.09	1.23	1.37	1.51	1.64	1.77	1.90	2.02	2.14	2.26
0.36	2.37	2.48	2.58	2.68	2.78	2.87	2.96	3.04	3.13	3.20
0.38	3.28	3.35	3.42	3.48	3.55	3.61	3.66	3.71	3.76	3.81
0.40	3.85	3.90	3.94	3.97	4.01	4.04	4.07	4.10	4.12	4.14
0.42	4.17	4.19	4.20	4.22	4.24	4.25	4.26	4.27	4.28	4.29
0.44	4.30	4.31	4.32	4.32	4.33	4.34	4.34	4.35	4.35	4.36
0.46	4.37	4.37	4.38	4.39	4.39	4.40	4.41	4.42	4.43	4.44
0.48	4.45	4.47	4.48	4.50	4.51	4.53	4.55	4.57	4.59	4.61
0.50	4.63	4.65	4.67	4.70	4.72	4.75	4.77	4.80	4.83	4.86
0.52	4.88	4.91	4.94	4.97	5.00	5.03	5.06	5.09	5.13	5.16
0.54	5.19	5.22	5.25	5.28	5.31	5.34	5.37	5.40	5.43	5.46
0.56	5.49	5.52	5.54	5.57	5.60	5.63	5.65	5.68	5.71	5.73
0.58	5.76	5.78	5.81	5.83	5.85	5.88	5.90	5.92	5.95	5.97
0.60	5.99	6.01	6.04	6.06	6.08	6.10	6.13	6.15	6.17	6.20
0.62	6.22	6.24	6.27	6.29	6.32	6.34	6.37	6.40	6.42	6.45
0.64	6.48	6.51	6.54	6.57	6.60	6.63	6.66	6.70	6.73	6.77
0.66	6.80	6.84	6.88	6.91	6.95	6.99	7.03	7.07	7.11	7.15
0.68	7.19	7.24	7.28	7.32	7.36	7.40	7.44	7.49	7.53	7.57
0.70	7.61	7.65	7.69	7.73	7.77	7.81	7.85	7.89	7.92	7.96
0.72	7.99	8.02	8.06	8.09	8.12	8.14	8.17	8.20	8.22	8.24
0.74	8.26	8.28	8.30	8.31	8.33	8.34	8.35	8.36	8.36	8.37
0.76	8.37	8.37	8.37	8.37	8.36	8.36	8.35	8.34	8.33	8.32
0.78	8.30	8.29	8.27	8.25	8.23	8.21	8.19	8.17	8.14	8.12
0.80	8.09	8.07	8.04	8.02	7.99	7.97	7.94	7.92	7.89	7.87
0.82	7.85	7.83	7.81	7.79	7.78	7.77	7.76	7.75	7.74	7.74
0.84	7.74	7.75	7.76	7.77	7.78	7.80	7.82	7.85	7.88	7.91
0.86	7.95	7.99	8.03	8.07	8.12	8.18	8.23	8.29	8.35	8.41
0.88	8.47	8.54	8.61	8.67	8.74	8.81	8.88	8.96	9.03	9.10
0.90	9.17	9.24	9.31	9.38	9.45	9.51	9.58	9.64	9.71	9.77
0.92	9.82	9.88	9.94	9.99	10.04	10.08	10.13	10.17	10.21	10.25
0.94	10.28	10.31	10.34	10.37	10.39	10.41	10.42	10.44	10.44	10.45
0.96	10.45	10.46	10.45	10.45	10.44	10.42	10.41	10.39	10.37	10.35
0.98	10.32	10.29	10.26	10.22	10.18	10.14	10.10	10.05	10.00	9.95

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 24.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	9.90	9.33	8.84	8.76	9.22	10.01	10.79	11.35	11.60	11.51
1.2	11.12	10.54	9.97	9.71	9.93	10.49	11.14	11.65	11.92	11.92
1.4	11.69	11.30	10.90	10.65	10.64	10.87	11.20	11.50	11.69	11.73
1.6	11.64	11.48	11.30	11.18	11.13	11.15	11.20	11.23	11.20	11.13
1.8	11.05	10.98	10.97	11.02	11.09	11.13	11.08	10.92	10.64	10.30
2.0	9.99	9.82	9.86	10.07	10.33	10.53	10.54	10.33	9.88	9.25
2.2	8.58	8.09	7.97	8.23	8.66	9.02	9.15	8.96	8.45	7.65
2.4	6.66	5.75	5.25	5.31	5.71	6.11	6.28	6.10	5.55	4.63
2.6	3.41	2.06	0.93	0.35	0.28	0.36	0.24	-0.25	-1.24	-2.77
2.8	-4.92	-7.76	-11.37	-15.95	-22.49	-29.06	-18.74	-12.78	-8.89	-6.18
3.0	-4.26	-2.90	-1.92	-1.08	-0.16	0.94	2.20	3.44	4.54	5.41
3.2	6.01	6.37	6.55	6.66	6.89	7.35	8.05	8.89	9.70	10.37
3.4	10.84	11.10	11.20	11.22	11.27	11.46	11.85	12.39	12.99	13.52
3.6	13.94	14.21	14.35	14.41	14.46	14.57	14.80	15.12	15.51	15.89
3.8	16.22	16.48	16.66	16.78	16.89	17.01	17.18	17.38	17.62	17.86
4.0	18.09	18.29	18.46	18.61	18.76	18.92	19.09	19.26	19.43	19.58
4.2	19.72	19.84	19.97	20.10	20.25	20.43	20.61	20.79	20.94	21.07
4.4	21.16	21.23	21.29	21.38	21.50	21.66	21.84	22.02	22.18	22.31
4.6	22.39	22.44	22.47	22.52	22.59	22.71	22.87	23.03	23.19	23.31
4.8	23.40	23.45	23.49	23.52	23.57	23.65	23.76	23.89	24.02	24.13
5.0	24.22	24.28	24.33	24.37	24.42	24.48	24.55	24.64	24.73	24.81
5.2	24.88	24.94	25.00	25.05	25.11	25.17	25.23	25.29	25.34	25.39
5.4	25.43	25.48	25.52	25.58	25.64	25.71	25.77	25.82	25.86	25.89
5.6	25.90	25.91	25.94	25.98	26.03	26.10	26.17	26.22	26.26	26.27
5.8	26.27	26.26	26.26	26.28	26.32	26.37	26.43	26.48	26.52	26.53
6.0	26.53	26.51	26.50	26.50	26.51	26.54	26.57	26.61	26.64	26.65
6.2	26.65	26.64	26.62	26.61	26.61	26.61	26.62	26.63	26.64	26.64
6.4	26.64	26.63	26.61	26.60	26.59	26.58	26.57	26.56	26.54	26.51
6.6	26.49	26.47	26.45	26.44	26.44	26.42	26.40	26.37	26.33	26.27
6.8	26.22	26.18	26.15	26.13	26.12	26.10	26.08	26.04	25.98	25.91
7.0	25.83	25.76	25.70	25.65	25.63	25.60	25.57	25.52	25.46	25.37
7.2	25.28	25.18	25.09	25.02	24.96	24.91	24.86	24.79	24.71	24.62
7.4	24.51	24.40	24.29	24.19	24.09	24.00	23.91	23.81	23.70	23.59
7.6	23.47	23.34	23.21	23.09	22.95	22.82	22.68	22.53	22.37	22.21
7.8	22.05	21.89	21.74	21.59	21.43	21.25	21.05	20.83	20.59	20.35
8.0	20.11	19.89	19.68	19.48	19.27	19.04	18.77	18.46	18.11	17.73
8.2	17.35	16.99	16.65	16.33	16.01	15.66	15.26	14.78	14.22	13.59
8.4	12.92	12.22	11.53	10.84	10.13	9.35	8.45	7.35	6.00	4.30
8.6	2.14	-0.69	-4.72	-11.92	-22.89	-8.39	-3.11	0.24	2.72	4.68
8.8	6.29	7.65	8.81	9.83	10.75	11.60	12.38	13.10	13.77	14.37
9.0	14.93	15.43	15.91	16.36	16.82	17.27	17.71	18.14	18.55	18.93
9.2	19.27	19.58	19.86	20.14	20.42	20.72	21.02	21.33	21.63	21.91
9.4	22.16	22.39	22.60	22.80	23.00	23.21	23.43	23.65	23.88	24.10
9.6	24.31	24.49	24.67	24.83	24.99	25.15	25.31	25.48	25.65	25.82
9.8	25.99	26.14	26.29	26.43	26.56	26.70	26.83	26.97	27.10	27.23

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 25.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-9.20	-8.73	-8.27	-7.82	-7.39	-6.96	-6.56	-6.16	-5.77	-5.40
0.12	-5.04	-4.69	-4.36	-4.03	-3.72	-3.42	-3.13	-2.85	-2.59	-2.33
0.14	-2.09	-1.85	-1.63	-1.42	-1.22	-1.03	-0.85	-0.68	-0.52	-0.36
0.16	-0.22	-0.09	0.04	0.15	0.26	0.36	0.45	0.54	0.62	0.69
0.18	0.75	0.81	0.86	0.90	0.94	0.97	1.00	1.02	1.03	1.04
0.20	1.05	1.05	1.04	1.03	1.01	0.99	0.97	0.93	0.90	0.86
0.22	0.82	0.77	0.71	0.66	0.59	0.53	0.46	0.38	0.31	0.22
0.24	0.14	0.05	-0.04	-0.13	-0.23	-0.33	-0.43	-0.53	-0.64	-0.74
0.26	-0.84	-0.94	-1.04	-1.14	-1.23	-1.32	-1.41	-1.48	-1.55	-1.62
0.28	-1.67	-1.71	-1.75	-1.77	-1.78	-1.78	-1.76	-1.74	-1.70	-1.65
0.30	-1.58	-1.51	-1.43	-1.33	-1.23	-1.12	-1.00	-0.87	-0.74	-0.61
0.32	-0.47	-0.33	-0.18	-0.04	0.10	0.25	0.39	0.54	0.68	0.82
0.34	0.96	1.09	1.23	1.36	1.49	1.61	1.73	1.85	1.97	2.08
0.36	2.19	2.29	2.40	2.49	2.59	2.68	2.77	2.86	2.94	3.02
0.38	3.09	3.17	3.23	3.30	3.37	3.43	3.49	3.54	3.59	3.64
0.40	3.69	3.74	3.78	3.82	3.86	3.90	3.93	3.96	3.99	4.02
0.42	4.05	4.08	4.10	4.12	4.14	4.16	4.18	4.20	4.22	4.23
0.44	4.25	4.26	4.28	4.29	4.30	4.32	4.33	4.34	4.35	4.36
0.46	4.38	4.39	4.40	4.41	4.43	4.44	4.45	4.47	4.48	4.50
0.48	4.51	4.53	4.55	4.56	4.58	4.60	4.62	4.64	4.66	4.68
0.50	4.70	4.73	4.75	4.77	4.80	4.82	4.84	4.87	4.90	4.92
0.52	4.95	4.97	5.00	5.03	5.05	5.08	5.11	5.13	5.16	5.19
0.54	5.21	5.24	5.26	5.29	5.32	5.34	5.37	5.39	5.41	5.44
0.56	5.46	5.48	5.50	5.53	5.55	5.57	5.59	5.61	5.63	5.65
0.58	5.67	5.68	5.70	5.72	5.74	5.76	5.77	5.79	5.81	5.82
0.60	5.84	5.85	5.87	5.89	5.91	5.92	5.94	5.96	5.98	5.99
0.62	6.01	6.03	6.05	6.07	6.10	6.12	6.14	6.17	6.19	6.22
0.64	6.25	6.28	6.31	6.34	6.37	6.40	6.44	6.47	6.51	6.54
0.66	6.58	6.62	6.66	6.71	6.75	6.79	6.84	6.88	6.93	6.98
0.68	7.02	7.07	7.12	7.17	7.22	7.27	7.32	7.36	7.41	7.46
0.70	7.51	7.56	7.61	7.65	7.70	7.75	7.79	7.84	7.88	7.92
0.72	7.96	8.00	8.04	8.07	8.11	8.14	8.17	8.20	8.23	8.26
0.74	8.28	8.31	8.33	8.35	8.36	8.38	8.39	8.40	8.40	8.41
0.76	8.41	8.41	8.41	8.41	8.40	8.40	8.39	8.37	8.36	8.34
0.78	8.32	8.30	8.28	8.26	8.23	8.20	8.17	8.14	8.11	8.07
0.80	8.04	8.00	7.97	7.93	7.89	7.86	7.82	7.78	7.74	7.71
0.82	7.67	7.64	7.61	7.58	7.55	7.52	7.50	7.48	7.46	7.44
0.84	7.43	7.42	7.42	7.42	7.42	7.43	7.45	7.46	7.49	7.51
0.86	7.55	7.58	7.62	7.67	7.71	7.77	7.82	7.88	7.95	8.01
0.88	8.08	8.15	8.22	8.30	8.38	8.46	8.53	8.61	8.69	8.78
0.90	8.86	8.94	9.02	9.10	9.17	9.25	9.33	9.40	9.47	9.54
0.92	9.61	9.68	9.74	9.80	9.86	9.92	9.97	10.02	10.07	10.11
0.94	10.16	10.19	10.23	10.26	10.29	10.32	10.34	10.36	10.37	10.38
0.96	10.39	10.40	10.40	10.40	10.39	10.38	10.37	10.35	10.33	10.31
0.98	10.28	10.26	10.22	10.19	10.15	10.11	10.06	10.02	9.97	9.91

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 25.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	9.86	9.21	8.58	8.34	8.71	9.49	10.33	10.97	11.29	11.27
1.2	10.93	10.36	9.74	9.35	9.41	9.87	10.47	11.00	11.31	11.37
1.4	11.21	10.88	10.51	10.22	10.11	10.21	10.42	10.64	10.79	10.83
1.6	10.77	10.65	10.52	10.43	10.38	10.36	10.34	10.25	10.11	9.91
1.8	9.71	9.59	9.58	9.69	9.85	9.97	9.95	9.74	9.34	8.77
2.0	8.17	7.72	7.62	7.85	8.26	8.61	8.74	8.57	8.05	7.21
2.2	6.14	5.10	4.51	4.61	5.15	5.69	5.97	5.85	5.29	4.26
2.4	2.79	1.03	-0.56	-1.30	-1.09	-0.60	-0.40	-0.73	-1.70	-3.44
2.6	-6.16	-10.37	-17.80	-29.82	-17.85	-13.98	-11.70	-9.48	-7.09	-4.85
2.8	-2.97	-1.49	-0.35	0.58	1.42	2.31	3.27	4.27	5.20	6.00
3.0	6.60	7.01	7.26	7.44	7.67	8.07	8.67	9.42	10.17	10.83
3.2	11.32	11.62	11.75	11.78	11.81	11.95	12.28	12.78	13.36	13.91
3.4	14.35	14.66	14.82	14.88	14.91	14.98	15.15	15.44	15.82	16.21
3.6	16.57	16.85	17.05	17.18	17.27	17.37	17.50	17.68	17.90	18.15
3.8	18.39	18.60	18.78	18.93	19.08	19.22	19.37	19.53	19.69	19.84
4.0	19.98	20.11	20.23	20.36	20.50	20.65	20.83	21.00	21.16	21.29
4.2	21.39	21.46	21.51	21.58	21.68	21.82	21.99	22.17	22.34	22.47
4.4	22.57	22.62	22.65	22.68	22.73	22.82	22.95	23.11	23.27	23.40
4.6	23.51	23.57	23.60	23.62	23.65	23.70	23.79	23.90	24.02	24.14
4.8	24.23	24.30	24.35	24.39	24.42	24.46	24.52	24.59	24.66	24.74
5.0	24.80	24.86	24.91	24.96	25.01	25.06	25.11	25.16	25.21	25.24
5.2	25.27	25.30	25.33	25.37	25.42	25.48	25.54	25.59	25.63	25.64
5.4	25.64	25.64	25.64	25.65	25.68	25.73	25.79	25.85	25.89	25.91
5.6	25.90	25.87	25.85	25.83	25.83	25.86	25.90	25.95	25.98	26.00
5.8	25.99	25.97	25.94	25.90	25.88	25.88	25.89	25.91	25.92	25.93
6.0	25.92	25.90	25.87	25.83	25.80	25.78	25.76	25.74	25.73	25.70
6.2	25.68	25.65	25.61	25.58	25.56	25.53	25.49	25.45	25.40	25.34
6.4	25.28	25.22	25.17	25.13	25.10	25.07	25.03	24.98	24.91	24.82
6.6	24.72	24.62	24.53	24.46	24.41	24.37	24.33	24.27	24.19	24.08
6.8	23.95	23.82	23.69	23.57	23.48	23.40	23.33	23.26	23.16	23.04
7.0	22.89	22.72	22.56	22.40	22.25	22.12	21.99	21.86	21.72	21.57
7.2	21.39	21.20	21.00	20.80	20.59	20.39	20.18	19.97	19.74	19.50
7.4	19.25	19.00	18.74	18.48	18.22	17.93	17.62	17.27	16.88	16.47
7.6	16.04	15.62	15.21	14.81	14.41	13.97	13.46	12.86	12.14	11.31
7.8	10.39	9.42	8.42	7.43	6.39	5.23	3.78	1.82	-1.06	-5.81
8.0	-16.52	-10.88	-3.88	-0.25	2.12	3.90	5.38	6.72	7.98	9.17
8.2	10.27	11.24	12.10	12.85	13.51	14.10	14.64	15.16	15.67	16.16
8.4	16.64	17.10	17.54	17.94	18.33	18.70	19.06	19.41	19.75	20.07
8.6	20.38	20.66	20.93	21.19	21.45	21.71	21.97	22.24	22.50	22.75
8.8	22.99	23.20	23.39	23.58	23.76	23.94	24.14	24.34	24.55	24.76
9.0	24.95	25.13	25.28	25.43	25.56	25.70	25.85	26.00	26.16	26.33
9.2	26.49	26.64	26.77	26.90	27.01	27.13	27.24	27.36	27.48	27.61
9.4	27.73	27.85	27.97	28.08	28.18	28.28	28.38	28.47	28.57	28.67
9.6	28.76	28.85	28.95	29.03	29.12	29.21	29.29	29.38	29.46	29.54
9.8	29.61	29.68	29.75	29.81	29.88	29.95	30.03	30.10	30.18	30.24

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 26.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-9.29	-8.82	-8.36	-7.91	-7.48	-7.06	-6.65	-6.25	-5.86	-5.49
0.12	-5.13	-4.78	-4.45	-4.12	-3.81	-3.51	-3.22	-2.94	-2.67	-2.42
0.14	-2.17	-1.94	-1.72	-1.51	-1.30	-1.11	-0.93	-0.76	-0.60	-0.44
0.16	-0.30	-0.17	-0.04	0.08	0.19	0.29	0.38	0.47	0.55	0.62
0.18	0.69	0.74	0.80	0.84	0.88	0.92	0.95	0.97	0.99	1.00
0.20	1.01	1.01	1.01	1.00	0.99	0.97	0.95	0.92	0.89	0.86
0.22	0.82	0.77	0.73	0.68	0.62	0.56	0.50	0.43	0.36	0.29
0.24	0.21	0.13	0.05	-0.04	-0.13	-0.22	-0.31	-0.40	-0.49	-0.59
0.26	-0.68	-0.77	-0.86	-0.95	-1.04	-1.12	-1.19	-1.27	-1.33	-1.39
0.28	-1.44	-1.49	-1.52	-1.55	-1.56	-1.56	-1.56	-1.54	-1.51	-1.47
0.30	-1.42	-1.36	-1.29	-1.21	-1.12	-1.03	-0.93	-0.82	-0.70	-0.59
0.32	-0.46	-0.34	-0.21	-0.08	0.05	0.18	0.32	0.45	0.58	0.71
0.34	0.84	0.97	1.09	1.22	1.34	1.46	1.57	1.69	1.80	1.90
0.36	2.01	2.11	2.21	2.31	2.40	2.49	2.58	2.66	2.75	2.82
0.38	2.90	2.97	3.04	3.11	3.18	3.24	3.30	3.36	3.41	3.47
0.40	3.52	3.57	3.61	3.66	3.70	3.74	3.78	3.82	3.85	3.89
0.42	3.92	3.95	3.98	4.01	4.03	4.06	4.08	4.11	4.13	4.15
0.44	4.17	4.19	4.21	4.23	4.25	4.27	4.29	4.31	4.33	4.34
0.46	4.36	4.38	4.40	4.41	4.43	4.45	4.47	4.49	4.51	4.53
0.48	4.55	4.57	4.59	4.61	4.63	4.65	4.67	4.70	4.72	4.74
0.50	4.76	4.79	4.81	4.84	4.86	4.89	4.91	4.94	4.96	4.99
0.52	5.01	5.04	5.06	5.09	5.11	5.13	5.16	5.18	5.21	5.23
0.54	5.25	5.28	5.30	5.32	5.34	5.36	5.38	5.40	5.42	5.44
0.56	5.46	5.47	5.49	5.50	5.52	5.53	5.55	5.56	5.58	5.59
0.58	5.60	5.61	5.62	5.63	5.64	5.65	5.66	5.67	5.68	5.69
0.60	5.70	5.71	5.71	5.72	5.73	5.74	5.75	5.76	5.77	5.79
0.62	5.80	5.81	5.83	5.84	5.86	5.88	5.90	5.92	5.94	5.96
0.64	5.98	6.01	6.04	6.07	6.10	6.13	6.17	6.20	6.24	6.28
0.66	6.32	6.36	6.40	6.45	6.50	6.55	6.59	6.65	6.70	6.75
0.68	6.80	6.86	6.91	6.97	7.03	7.08	7.14	7.20	7.25	7.31
0.70	7.37	7.43	7.48	7.54	7.59	7.65	7.70	7.75	7.80	7.85
0.72	7.90	7.95	7.99	8.04	8.08	8.12	8.16	8.19	8.23	8.26
0.74	8.29	8.32	8.34	8.36	8.38	8.40	8.42	8.43	8.44	8.45
0.76	8.45	8.45	8.45	8.45	8.44	8.44	8.42	8.41	8.39	8.37
0.78	8.35	8.33	8.30	8.27	8.24	8.21	8.17	8.13	8.10	8.05
0.80	8.01	7.97	7.92	7.87	7.82	7.77	7.72	7.67	7.62	7.57
0.82	7.52	7.48	7.43	7.38	7.34	7.29	7.25	7.22	7.18	7.15
0.84	7.12	7.10	7.08	7.07	7.06	7.05	7.05	7.06	7.07	7.09
0.86	7.11	7.14	7.17	7.21	7.26	7.31	7.36	7.42	7.49	7.55
0.88	7.63	7.70	7.78	7.86	7.94	8.03	8.12	8.20	8.29	8.38
0.90	8.47	8.56	8.65	8.74	8.83	8.92	9.00	9.09	9.17	9.25
0.92	9.33	9.41	9.48	9.55	9.62	9.69	9.75	9.81	9.86	9.92
0.94	9.97	10.01	10.06	10.10	10.13	10.17	10.20	10.22	10.24	10.26
0.96	10.28	10.29	10.29	10.30	10.30	10.29	10.28	10.27	10.26	10.24
0.98	10.21	10.19	10.16	10.12	10.09	10.05	10.00	9.96	9.91	9.85

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 26.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	9.80	9.11	8.36	7.94	8.16	8.90	9.78	10.49	10.89	10.93
1.2	10.65	10.12	9.49	9.00	8.90	9.20	9.72	10.22	10.56	10.67
1.4	10.57	10.31	9.98	9.69	9.52	9.50	9.58	9.69	9.75	9.74
1.6	9.66	9.55	9.46	9.41	9.41	9.41	9.35	9.18	8.88	8.48
1.8	8.06	7.75	7.68	7.84	8.13	8.38	8.45	8.26	7.76	6.95
2.0	5.93	4.96	4.43	4.57	5.15	5.74	6.05	5.96	5.40	4.34
2.2	2.75	0.75	-1.13	-1.85	-1.22	-0.31	0.19	0.06	-0.78	-2.44
2.4	-5.15	-9.46	-16.89	-19.89	-14.03	-11.69	-11.03	-10.57	-8.92	-6.32
2.6	-3.80	-1.77	-0.23	0.93	1.84	2.63	3.41	4.21	5.01	5.76
2.8	6.39	6.87	7.23	7.51	7.81	8.22	8.79	9.47	10.17	10.81
3.0	11.31	11.64	11.81	11.87	11.91	12.04	12.34	12.81	13.38	13.95
3.2	14.42	14.76	14.95	15.01	15.02	15.06	15.20	15.46	15.84	16.26
3.4	16.65	16.96	17.18	17.32	17.39	17.46	17.56	17.71	17.93	18.19
3.6	18.45	18.68	18.88	19.04	19.18	19.30	19.43	19.57	19.73	19.88
3.8	20.03	20.17	20.30	20.42	20.55	20.70	20.86	21.03	21.19	21.32
4.0	21.42	21.50	21.56	21.62	21.70	21.82	21.97	22.14	22.32	22.46
4.2	22.57	22.63	22.66	22.67	22.70	22.77	22.88	23.03	23.18	23.33
4.4	23.45	23.52	23.56	23.57	23.58	23.61	23.67	23.76	23.88	23.99
4.6	24.09	24.17	24.22	24.25	24.27	24.30	24.34	24.39	24.45	24.52
4.8	24.58	24.63	24.68	24.72	24.76	24.80	24.84	24.88	24.92	24.95
5.0	24.96	24.97	24.99	25.01	25.04	25.09	25.14	25.19	25.22	25.24
5.2	25.23	25.21	25.18	25.16	25.17	25.20	25.24	25.29	25.33	25.35
5.4	25.34	25.31	25.26	25.21	25.18	25.17	25.18	25.21	25.24	25.26
5.6	25.25	25.22	25.17	25.11	25.05	25.01	24.99	24.98	24.97	24.96
5.8	24.94	24.90	24.85	24.80	24.74	24.69	24.64	24.59	24.54	24.48
6.0	24.42	24.36	24.29	24.23	24.18	24.12	24.06	24.00	23.91	23.81
6.2	23.70	23.58	23.48	23.38	23.31	23.24	23.18	23.11	23.01	22.88
6.4	22.72	22.55	22.38	22.22	22.09	21.99	21.90	21.81	21.69	21.54
6.6	21.35	21.13	20.89	20.66	20.45	20.27	20.10	19.94	19.77	19.57
6.8	19.34	19.07	18.77	18.45	18.14	17.83	17.54	17.24	16.93	16.59
7.0	16.23	15.83	15.41	14.96	14.49	14.00	13.46	12.87	12.21	11.47
7.2	10.67	9.80	8.88	7.92	6.88	5.70	4.24	2.32	-0.40	-4.71
7.4	-13.74	-13.91	-5.21	-1.18	1.34	3.18	4.72	6.14	7.52	8.83
7.6	10.03	11.10	12.01	12.78	13.41	13.95	14.45	14.93	15.43	15.95
7.8	16.48	17.00	17.49	17.93	18.32	18.68	19.00	19.31	19.62	19.93
8.0	20.24	20.56	20.86	21.16	21.43	21.70	21.95	22.19	22.43	22.67
8.2	22.89	23.11	23.32	23.52	23.71	23.91	24.10	24.30	24.50	24.70
8.4	24.88	25.06	25.21	25.36	25.50	25.64	25.78	25.93	26.09	26.26
8.6	26.42	26.57	26.70	26.82	26.93	27.03	27.14	27.25	27.37	27.50
8.8	27.64	27.76	27.88	27.98	28.08	28.16	28.25	28.33	28.42	28.52
9.0	28.62	28.72	28.81	28.90	28.98	29.06	29.13	29.20	29.27	29.34
9.2	29.42	29.49	29.55	29.62	29.68	29.75	29.81	29.87	29.93	29.99
9.4	30.05	30.10	30.14	30.18	30.23	30.27	30.32	30.37	30.42	30.47
9.6	30.51	30.55	30.58	30.60	30.63	30.65	30.68	30.71	30.75	30.78
9.8	30.82	30.85	30.87	30.88	30.89	30.89	30.90	30.92	30.93	30.95

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 27.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-9.39	-8.92	-8.46	-8.01	-7.57	-7.15	-6.74	-6.34	-5.96	-5.59
0.12	-5.23	-4.88	-4.54	-4.22	-3.90	-3.60	-3.31	-3.03	-2.76	-2.51
0.14	-2.26	-2.03	-1.81	-1.59	-1.39	-1.20	-1.02	-0.84	-0.68	-0.53
0.16	-0.38	-0.25	-0.12	-0.00	0.11	0.21	0.31	0.40	0.48	0.55
0.18	0.62	0.68	0.73	0.78	0.82	0.86	0.89	0.92	0.94	0.95
0.20	0.96	0.97	0.97	0.97	0.96	0.95	0.93	0.91	0.88	0.85
0.22	0.82	0.78	0.74	0.69	0.64	0.59	0.53	0.47	0.41	0.34
0.24	0.28	0.20	0.13	0.05	-0.03	-0.11	-0.19	-0.27	-0.36	-0.44
0.26	-0.52	-0.61	-0.69	-0.77	-0.85	-0.92	-0.99	-1.06	-1.12	-1.17
0.28	-1.22	-1.26	-1.30	-1.32	-1.34	-1.35	-1.35	-1.34	-1.32	-1.29
0.30	-1.25	-1.20	-1.14	-1.08	-1.01	-0.93	-0.84	-0.75	-0.65	-0.55
0.32	-0.44	-0.33	-0.21	-0.10	0.02	0.14	0.26	0.38	0.50	0.62
0.34	0.74	0.86	0.97	1.09	1.20	1.31	1.42	1.53	1.63	1.74
0.36	1.84	1.94	2.03	2.12	2.22	2.30	2.39	2.47	2.55	2.63
0.38	2.71	2.78	2.85	2.92	2.98	3.05	3.11	3.17	3.23	3.28
0.40	3.33	3.39	3.43	3.48	3.53	3.57	3.61	3.66	3.69	3.73
0.42	3.77	3.80	3.84	3.87	3.90	3.93	3.96	3.99	4.02	4.05
0.44	4.07	4.10	4.13	4.15	4.18	4.20	4.22	4.25	4.27	4.29
0.46	4.32	4.34	4.36	4.39	4.41	4.44	4.46	4.48	4.51	4.53
0.48	4.56	4.58	4.60	4.63	4.65	4.68	4.71	4.73	4.76	4.78
0.50	4.81	4.84	4.86	4.89	4.91	4.94	4.97	4.99	5.02	5.04
0.52	5.07	5.10	5.12	5.14	5.17	5.19	5.22	5.24	5.26	5.28
0.54	5.30	5.32	5.34	5.36	5.38	5.40	5.41	5.43	5.45	5.46
0.56	5.47	5.49	5.50	5.51	5.52	5.53	5.53	5.54	5.55	5.55
0.58	5.56	5.56	5.56	5.57	5.57	5.57	5.57	5.57	5.57	5.57
0.60	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.58	5.58
0.62	5.58	5.59	5.59	5.60	5.61	5.62	5.63	5.64	5.66	5.68
0.64	5.69	5.72	5.74	5.76	5.79	5.82	5.86	5.89	5.93	5.97
0.66	6.01	6.05	6.10	6.15	6.20	6.25	6.30	6.36	6.41	6.47
0.68	6.53	6.59	6.66	6.72	6.79	6.85	6.92	6.98	7.05	7.11
0.70	7.18	7.25	7.31	7.38	7.44	7.50	7.57	7.63	7.69	7.75
0.72	7.80	7.86	7.91	7.96	8.01	8.06	8.11	8.15	8.19	8.23
0.74	8.27	8.30	8.33	8.36	8.38	8.41	8.43	8.44	8.46	8.47
0.76	8.48	8.48	8.48	8.48	8.48	8.47	8.46	8.45	8.43	8.41
0.78	8.39	8.36	8.33	8.30	8.26	8.23	8.19	8.14	8.10	8.05
0.80	8.00	7.95	7.89	7.84	7.78	7.72	7.66	7.60	7.53	7.47
0.82	7.41	7.34	7.28	7.22	7.16	7.10	7.04	6.98	6.93	6.88
0.84	6.84	6.79	6.76	6.72	6.70	6.67	6.66	6.65	6.65	6.65
0.86	6.66	6.68	6.70	6.73	6.77	6.81	6.86	6.91	6.98	7.04
0.88	7.11	7.19	7.27	7.35	7.44	7.53	7.63	7.72	7.82	7.92
0.90	8.01	8.11	8.21	8.31	8.41	8.51	8.60	8.70	8.79	8.88
0.92	8.97	9.06	9.14	9.22	9.30	9.38	9.45	9.52	9.59	9.65
0.94	9.71	9.76	9.82	9.86	9.91	9.95	9.99	10.02	10.05	10.07
0.96	10.09	10.11	10.13	10.14	10.14	10.14	10.14	10.13	10.12	10.11
0.98	10.09	10.07	10.04	10.01	9.98	9.94	9.90	9.86	9.81	9.76

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 27.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	9.71	9.00	8.17	7.57	7.60	8.25	9.13	9.89	10.36	10.48
1.2	10.28	9.80	9.19	8.64	8.38	8.51	8.90	9.33	9.65	9.79
1.4	9.75	9.55	9.27	9.01	8.82	8.72	8.69	8.66	8.58	8.44
1.6	8.26	8.09	8.00	8.02	8.11	8.18	8.14	7.92	7.48	6.82
1.8	6.04	5.34	5.00	5.15	5.61	6.09	6.33	6.21	5.65	4.60
2.0	3.05	1.12	-0.59	-1.02	-0.15	0.92	1.54	1.53	0.84	-0.63
2.2	-3.10	-7.06	-14.17	-24.26	-14.29	-11.36	-11.41	-13.99	-17.25	-11.97
2.4	-6.77	-3.39	-1.13	0.39	1.42	2.14	2.72	3.30	3.96	4.67
2.6	5.38	6.02	6.57	7.03	7.46	7.93	8.48	9.10	9.75	10.35
2.8	10.85	11.21	11.42	11.53	11.62	11.77	12.08	12.55	13.12	13.70
3.0	14.19	14.55	14.76	14.83	14.84	14.85	14.97	15.23	15.61	16.06
3.2	16.49	16.85	17.09	17.23	17.29	17.32	17.39	17.52	17.74	18.01
3.4	18.31	18.58	18.80	18.97	19.10	19.21	19.31	19.43	19.57	19.73
3.6	19.90	20.06	20.20	20.34	20.47	20.60	20.75	20.90	21.05	21.19
3.8	21.30	21.38	21.45	21.50	21.58	21.68	21.82	21.99	22.16	22.32
4.0	22.43	22.50	22.53	22.54	22.55	22.60	22.69	22.82	22.98	23.13
4.2	23.26	23.35	23.39	23.39	23.39	23.39	23.43	23.51	23.61	23.73
4.4	23.83	23.92	23.97	24.00	24.01	24.02	24.04	24.08	24.13	24.18
4.6	24.24	24.29	24.33	24.36	24.39	24.42	24.45	24.48	24.51	24.52
4.8	24.53	24.53	24.53	24.53	24.54	24.57	24.61	24.65	24.69	24.70
5.0	24.69	24.65	24.60	24.55	24.52	24.52	24.54	24.58	24.62	24.64
5.2	24.63	24.59	24.52	24.44	24.37	24.32	24.30	24.30	24.31	24.32
5.4	24.31	24.27	24.20	24.12	24.03	23.95	23.88	23.83	23.79	23.76
5.6	23.71	23.66	23.59	23.50	23.42	23.33	23.24	23.15	23.06	22.96
5.8	22.85	22.74	22.63	22.52	22.42	22.33	22.23	22.13	22.01	21.86
6.0	21.69	21.49	21.30	21.12	20.96	20.83	20.71	20.60	20.46	20.27
6.2	20.04	19.77	19.47	19.17	18.89	18.66	18.46	18.27	18.08	17.84
6.4	17.54	17.18	16.76	16.30	15.84	15.40	14.99	14.59	14.20	13.76
6.6	13.26	12.68	12.00	11.23	10.38	9.46	8.46	7.36	6.11	4.62
6.8	2.80	0.46	-2.75	-7.77	-20.01	-12.95	-5.31	-1.14	1.81	4.12
7.0	5.99	7.52	8.77	9.79	10.63	11.35	12.02	12.67	13.34	14.03
7.2	14.72	15.37	15.97	16.49	16.93	17.31	17.64	17.97	18.31	18.67
7.4	19.06	19.46	19.85	20.21	20.53	20.81	21.06	21.29	21.52	21.76
7.6	22.01	22.26	22.52	22.78	23.02	23.24	23.44	23.64	23.83	24.01
7.8	24.20	24.38	24.56	24.73	24.90	25.07	25.23	25.39	25.56	25.72
8.0	25.88	26.03	26.16	26.29	26.41	26.52	26.64	26.76	26.89	27.03
8.2	27.17	27.30	27.42	27.52	27.62	27.70	27.78	27.86	27.96	28.06
8.4	28.17	28.28	28.39	28.48	28.56	28.63	28.69	28.75	28.81	28.89
8.6	28.96	29.04	29.12	29.20	29.27	29.33	29.38	29.43	29.48	29.53
8.8	29.58	29.63	29.68	29.73	29.78	29.82	29.86	29.91	29.95	29.99
9.0	30.02	30.05	30.08	30.10	30.12	30.15	30.17	30.20	30.23	30.26
9.2	30.28	30.30	30.32	30.32	30.32	30.32	30.32	30.32	30.33	30.34
9.4	30.36	30.37	30.37	30.37	30.35	30.33	30.31	30.29	30.28	30.27
9.6	30.26	30.25	30.24	30.23	30.20	30.17	30.13	30.10	30.06	30.02
9.8	29.99	29.96	29.92	29.89	29.84	29.80	29.75	29.70	29.65	29.59

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 28.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-9.49	-9.01	-8.55	-8.11	-7.67	-7.25	-6.84	-6.44	-6.06	-5.68
0.12	-5.32	-4.98	-4.64	-4.31	-4.00	-3.70	-3.41	-3.13	-2.86	-2.60
0.14	-2.36	-2.12	-1.90	-1.69	-1.48	-1.29	-1.11	-0.93	-0.77	-0.62
0.16	-0.47	-0.33	-0.20	-0.08	0.03	0.13	0.23	0.32	0.40	0.48
0.18	0.55	0.61	0.67	0.72	0.76	0.80	0.83	0.86	0.89	0.91
0.20	0.92	0.93	0.93	0.93	0.93	0.92	0.91	0.89	0.87	0.84
0.22	0.81	0.78	0.75	0.71	0.66	0.62	0.57	0.51	0.46	0.40
0.24	0.34	0.27	0.21	0.14	0.07	-0.00	-0.08	-0.15	-0.22	-0.30
0.26	-0.37	-0.45	-0.52	-0.59	-0.66	-0.73	-0.79	-0.85	-0.91	-0.96
0.28	-1.00	-1.04	-1.08	-1.10	-1.12	-1.13	-1.14	-1.13	-1.12	-1.10
0.30	-1.07	-1.03	-0.99	-0.93	-0.87	-0.81	-0.73	-0.66	-0.57	-0.49
0.32	-0.39	-0.30	-0.20	-0.10	0.01	0.11	0.22	0.33	0.44	0.54
0.34	0.65	0.76	0.87	0.97	1.08	1.18	1.28	1.38	1.48	1.58
0.36	1.68	1.77	1.86	1.95	2.04	2.12	2.20	2.28	2.36	2.44
0.38	2.51	2.58	2.65	2.72	2.79	2.85	2.91	2.97	3.03	3.09
0.40	3.14	3.19	3.24	3.29	3.34	3.39	3.43	3.48	3.52	3.56
0.42	3.60	3.64	3.68	3.71	3.75	3.79	3.82	3.85	3.89	3.92
0.44	3.95	3.98	4.01	4.04	4.07	4.10	4.13	4.16	4.19	4.22
0.46	4.25	4.27	4.30	4.33	4.36	4.39	4.42	4.45	4.48	4.51
0.48	4.54	4.57	4.59	4.62	4.65	4.68	4.71	4.74	4.77	4.80
0.50	4.83	4.86	4.89	4.92	4.95	4.98	5.01	5.04	5.07	5.09
0.52	5.12	5.15	5.17	5.20	5.23	5.25	5.27	5.30	5.32	5.34
0.54	5.36	5.38	5.40	5.42	5.43	5.45	5.46	5.48	5.49	5.50
0.56	5.51	5.52	5.53	5.53	5.54	5.54	5.54	5.54	5.54	5.54
0.58	5.54	5.54	5.53	5.53	5.52	5.51	5.51	5.50	5.49	5.48
0.60	5.47	5.46	5.45	5.44	5.43	5.42	5.40	5.39	5.39	5.38
0.62	5.37	5.36	5.36	5.35	5.35	5.35	5.35	5.36	5.36	5.37
0.64	5.38	5.40	5.41	5.43	5.45	5.48	5.51	5.54	5.57	5.61
0.66	5.65	5.69	5.74	5.79	5.84	5.90	5.95	6.01	6.08	6.14
0.68	6.21	6.27	6.34	6.42	6.49	6.56	6.64	6.71	6.79	6.86
0.70	6.94	7.01	7.09	7.16	7.24	7.31	7.38	7.46	7.53	7.59
0.72	7.66	7.73	7.79	7.85	7.91	7.97	8.02	8.07	8.12	8.17
0.74	8.21	8.25	8.29	8.32	8.36	8.39	8.41	8.43	8.45	8.47
0.76	8.48	8.49	8.49	8.50	8.50	8.49	8.48	8.47	8.45	8.44
0.78	8.41	8.39	8.36	8.32	8.29	8.25	8.21	8.16	8.11	8.06
0.80	8.00	7.94	7.88	7.82	7.75	7.69	7.62	7.54	7.47	7.40
0.82	7.32	7.24	7.16	7.09	7.01	6.93	6.86	6.79	6.71	6.64
0.84	6.58	6.52	6.46	6.40	6.36	6.31	6.28	6.25	6.22	6.21
0.86	6.20	6.20	6.21	6.22	6.25	6.28	6.32	6.36	6.42	6.48
0.88	6.55	6.62	6.70	6.78	6.87	6.97	7.06	7.16	7.27	7.37
0.90	7.48	7.58	7.69	7.80	7.91	8.01	8.12	8.22	8.33	8.43
0.92	8.53	8.63	8.72	8.81	8.90	8.99	9.07	9.15	9.22	9.30
0.94	9.37	9.43	9.49	9.55	9.60	9.65	9.70	9.74	9.78	9.81
0.96	9.84	9.86	9.88	9.90	9.91	9.92	9.93	9.93	9.92	9.92
0.98	9.90	9.89	9.87	9.84	9.82	9.78	9.75	9.71	9.66	9.62

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 28.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	9.57	8.88	7.99	7.23	7.04	7.54	8.38	9.18	9.70	9.90
1.2	9.77	9.37	8.79	8.22	7.85	7.80	8.02	8.33	8.59	8.72
1.4	8.69	8.53	8.31	8.09	7.92	7.80	7.69	7.53	7.28	6.92
1.6	6.52	6.17	6.00	6.06	6.27	6.49	6.55	6.35	5.80	4.86
1.8	-3.55	2.07	0.97	0.89	1.64	2.52	3.04	3.04	2.43	1.10
2.0	-1.13	-4.71	-10.90	-20.09	-12.13	-8.50	-7.59	-8.67	-12.08	-16.82
2.2	-11.21	-6.02	-2.89	-0.96	0.18	0.78	1.06	1.29	1.72	2.46
2.4	3.41	4.41	5.30	6.06	6.68	7.22	7.75	8.29	8.85	9.40
2.6	9.89	10.28	10.57	10.78	10.96	11.19	11.54	12.02	12.59	13.16
2.8	13.66	14.03	14.25	14.34	14.36	14.38	14.49	14.76	15.17	15.66
3.0	16.13	16.52	16.78	16.92	16.97	16.98	17.01	17.13	17.35	17.65
3.2	17.99	18.31	18.56	18.75	18.87	18.95	19.03	19.12	19.25	19.41
3.4	19.60	19.79	19.96	20.12	20.25	20.38	20.51	20.65	20.78	20.91
3.6	21.03	21.12	21.20	21.27	21.35	21.45	21.58	21.73	21.90	22.05
3.8	22.17	22.25	22.28	22.29	22.30	22.33	22.40	22.52	22.68	22.84
4.0	22.97	23.07	23.12	23.12	23.10	23.09	23.10	23.16	23.25	23.37
4.2	23.48	23.58	23.64	23.66	23.67	23.66	23.65	23.67	23.70	23.75
4.4	23.81	23.86	23.89	23.92	23.94	23.95	23.97	23.98	24.00	24.01
4.6	24.00	23.99	23.98	23.96	23.95	23.96	23.99	24.02	24.04	24.05
4.8	24.03	23.99	23.92	23.84	23.78	23.74	23.73	23.75	23.78	23.80
5.0	23.79	23.74	23.66	23.55	23.43	23.34	23.27	23.24	23.23	23.22
5.2	23.20	23.15	23.07	22.96	22.83	22.70	22.59	22.49	22.40	22.33
5.4	22.26	22.17	22.07	21.95	21.82	21.68	21.55	21.41	21.26	21.11
5.6	20.94	20.76	20.58	20.39	20.22	20.06	19.91	19.76	19.58	19.36
5.8	19.10	18.80	18.47	18.14	17.83	17.56	17.33	17.12	16.89	16.62
6.0	16.26	15.81	15.28	14.69	14.09	13.52	13.01	12.55	12.10	11.59
6.2	10.97	10.18	9.18	7.95	6.50	4.82	2.91	0.72	-1.96	-5.75
6.4	-12.92	-19.47	-7.32	-2.17	1.11	3.48	5.33	6.84	8.13	9.27
6.6	10.29	11.21	12.03	12.75	13.39	13.97	14.51	15.03	15.55	16.09
6.8	16.63	17.15	17.63	18.07	18.45	18.77	19.06	19.33	19.62	19.93
7.0	20.26	20.61	20.96	21.29	21.58	21.83	22.05	22.24	22.43	22.63
7.2	22.84	23.07	23.32	23.56	23.79	23.99	24.18	24.35	24.50	24.65
7.4	24.81	24.97	25.13	25.30	25.46	25.62	25.77	25.91	26.05	26.19
7.6	26.32	26.45	26.57	26.69	26.80	26.90	27.01	27.11	27.23	27.34
7.8	27.46	27.58	27.68	27.78	27.86	27.93	28.00	28.06	28.14	28.22
8.0	28.31	28.41	28.50	28.59	28.66	28.71	28.76	28.80	28.84	28.89
8.2	28.95	29.02	29.09	29.15	29.21	29.26	29.29	29.32	29.35	29.38
8.4	29.41	29.44	29.48	29.52	29.55	29.58	29.61	29.63	29.65	29.66
8.6	29.68	29.69	29.70	29.71	29.71	29.71	29.72	29.72	29.73	29.73
8.8	29.74	29.74	29.74	29.72	29.70	29.68	29.65	29.62	29.60	29.59
9.0	29.58	29.57	29.55	29.53	29.49	29.44	29.39	29.33	29.28	29.24
9.2	29.20	29.17	29.13	29.09	29.03	28.97	28.90	28.83	28.75	28.67
9.4	28.60	28.52	28.45	28.38	28.30	28.21	28.12	28.03	27.93	27.82
9.6	27.72	27.60	27.49	27.37	27.24	27.11	26.98	26.86	26.73	26.59
9.8	26.46	26.31	26.15	25.97	25.78	25.59	25.39	25.20	25.01	24.82

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 29.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-9.59	-9.12	-8.66	-8.21	-7.78	-7.35	-6.94	-6.55	-6.16	-5.79
0.12	-5.43	-5.08	-4.74	-4.41	-4.10	-3.80	-3.51	-3.23	-2.96	-2.70
0.14	-2.46	-2.22	-2.00	-1.78	-1.58	-1.39	-1.20	-1.03	-0.86	-0.71
0.16	-0.56	-0.42	-0.29	-0.17	-0.06	0.05	0.15	0.24	0.32	0.40
0.18	0.47	0.54	0.59	0.65	0.69	0.74	0.77	0.80	0.83	0.85
0.20	0.87	0.88	0.89	0.89	0.89	0.89	0.88	0.87	0.85	0.83
0.22	0.81	0.78	0.75	0.72	0.68	0.64	0.60	0.55	0.50	0.45
0.24	0.40	0.34	0.28	0.22	0.16	0.10	0.03	-0.03	-0.10	-0.16
0.26	-0.23	-0.30	-0.36	-0.42	-0.49	-0.55	-0.60	-0.66	-0.71	-0.75
0.28	-0.79	-0.83	-0.86	-0.89	-0.91	-0.92	-0.93	-0.93	-0.92	-0.90
0.30	-0.88	-0.85	-0.82	-0.78	-0.73	-0.67	-0.62	-0.55	-0.48	-0.41
0.32	-0.33	-0.25	-0.16	-0.07	0.02	0.11	0.20	0.30	0.40	0.49
0.34	0.59	0.69	0.78	0.88	0.97	1.07	1.16	1.26	1.35	1.44
0.36	1.53	1.61	1.70	1.78	1.86	1.94	2.02	2.10	2.17	2.25
0.38	2.32	2.39	2.46	2.52	2.59	2.65	2.71	2.77	2.83	2.88
0.40	2.94	2.99	3.04	3.09	3.14	3.19	3.24	3.28	3.33	3.37
0.42	3.41	3.46	3.50	3.54	3.58	3.61	3.65	3.69	3.73	3.76
0.44	3.80	3.83	3.87	3.90	3.94	3.97	4.01	4.04	4.07	4.11
0.46	4.14	4.18	4.21	4.25	4.28	4.31	4.35	4.38	4.42	4.45
0.48	4.49	4.52	4.56	4.59	4.63	4.66	4.70	4.73	4.77	4.80
0.50	4.83	4.87	4.90	4.94	4.97	5.00	5.04	5.07	5.10	5.13
0.52	5.16	5.19	5.22	5.25	5.28	5.30	5.33	5.35	5.38	5.40
0.54	5.42	5.44	5.46	5.48	5.49	5.51	5.52	5.53	5.55	5.55
0.56	5.56	5.57	5.57	5.58	5.58	5.58	5.57	5.57	5.57	5.56
0.58	5.55	5.54	5.53	5.52	5.50	5.49	5.47	5.45	5.43	5.41
0.60	5.39	5.37	5.35	5.33	5.30	5.28	5.26	5.24	5.21	5.19
0.62	5.17	5.15	5.13	5.12	5.10	5.09	5.08	5.07	5.06	5.06
0.64	5.06	5.06	5.06	5.07	5.09	5.10	5.12	5.15	5.18	5.21
0.66	5.25	5.29	5.33	5.38	5.43	5.49	5.55	5.61	5.68	5.75
0.68	5.82	5.89	5.97	6.05	6.13	6.21	6.30	6.38	6.47	6.55
0.70	6.64	6.73	6.81	6.90	6.98	7.07	7.15	7.23	7.31	7.39
0.72	7.47	7.55	7.62	7.69	7.76	7.82	7.89	7.95	8.01	8.06
0.74	8.11	8.16	8.21	8.25	8.29	8.33	8.36	8.39	8.41	8.44
0.76	8.45	8.47	8.48	8.48	8.49	8.49	8.48	8.47	8.46	8.44
0.78	8.42	8.40	8.37	8.34	8.30	8.26	8.22	8.17	8.12	8.07
0.80	8.01	7.95	7.88	7.81	7.74	7.67	7.59	7.51	7.43	7.35
0.82	7.26	7.17	7.08	6.99	6.90	6.81	6.72	6.63	6.54	6.45
0.84	6.36	6.28	6.20	6.12	6.05	5.99	5.93	5.87	5.83	5.79
0.86	5.75	5.73	5.72	5.71	5.72	5.73	5.75	5.78	5.83	5.88
0.88	5.93	6.00	6.07	6.15	6.24	6.33	6.43	6.53	6.63	6.74
0.90	6.85	6.97	7.08	7.20	7.31	7.43	7.54	7.66	7.77	7.88
0.92	7.99	8.10	8.20	8.31	8.40	8.50	8.59	8.68	8.77	8.85
0.94	8.93	9.00	9.07	9.14	9.20	9.26	9.32	9.37	9.41	9.45
0.96	9.49	9.53	9.55	9.58	9.60	9.62	9.63	9.64	9.64	9.64
0.98	9.63	9.63	9.61	9.59	9.57	9.55	9.52	9.48	9.45	9.40

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 29.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	9.36	8.71	7.80	6.92	6.50	6.79	7.54	8.33	8.90	9.16
1.2	9.10	8.78	8.27	7.71	7.27	7.06	7.09	7.24	7.38	7.42
1.4	7.35	7.19	7.00	6.84	6.73	6.64	6.52	6.26	5.82	5.17
1.6	4.37	3.60	3.13	3.16	3.56	4.03	4.29	4.17	3.55	2.34
1.8	0.38	-2.53	-6.28	-8.13	-5.95	-3.76	-2.71	-2.74	-3.80	-5.85
2.0	-8.22	-8.21	-5.77	-3.58	-2.29	-1.83	-2.05	-2.61	-2.78	-1.79
2.2	0.04	1.92	3.48	4.65	5.49	6.07	6.50	6.89	7.31	7.78
2.4	8.29	8.78	9.23	9.62	9.97	10.33	10.74	11.22	11.76	12.29
2.6	12.77	13.14	13.38	13.51	13.57	13.63	13.79	14.10	14.54	15.06
2.8	15.56	15.96	16.24	16.38	16.42	16.40	16.42	16.53	16.77	17.12
3.0	17.51	17.88	18.18	18.38	18.49	18.54	18.58	18.64	18.76	18.93
3.2	19.16	19.39	19.60	19.79	19.94	20.06	20.16	20.27	20.38	20.50
3.4	20.63	20.74	20.84	20.93	21.02	21.12	21.25	21.39	21.54	21.69
3.6	21.81	21.89	21.93	21.95	21.95	21.97	22.04	22.15	22.30	22.47
3.8	22.61	22.71	22.76	22.77	22.73	22.70	22.69	22.73	22.82	22.94
4.0	23.06	23.17	23.24	23.27	23.26	23.23	23.20	23.19	23.21	23.25
4.2	23.30	23.36	23.40	23.43	23.44	23.43	23.43	23.42	23.42	23.42
4.4	23.41	23.39	23.36	23.33	23.31	23.30	23.30	23.31	23.33	23.33
4.6	23.30	23.25	23.16	23.06	22.96	22.89	22.85	22.84	22.85	22.87
4.8	22.85	22.80	22.70	22.56	22.40	22.25	22.13	22.05	22.01	21.98
5.0	21.95	21.89	21.79	21.65	21.48	21.29	21.11	20.95	20.81	20.68
5.2	20.57	20.44	20.29	20.13	19.94	19.74	19.53	19.32	19.10	18.87
5.4	18.61	18.34	18.05	17.75	17.46	17.18	16.93	16.67	16.39	16.06
5.6	15.66	15.17	14.60	13.98	13.35	12.76	12.24	11.77	11.30	10.76
5.8	10.06	9.12	7.90	6.34	4.39	2.03	-0.74	-3.97	-7.96	-13.89
6.0	-14.81	-7.15	-2.14	1.35	3.94	5.93	7.49	8.72	9.74	10.60
6.2	11.38	12.11	12.81	13.48	14.11	14.71	15.27	15.80	16.30	16.78
6.4	17.25	17.70	18.13	18.52	18.88	19.20	19.49	19.77	20.05	20.35
6.6	20.67	21.00	21.33	21.64	21.91	22.15	22.35	22.53	22.70	22.89
6.8	23.09	23.32	23.56	23.80	24.03	24.23	24.41	24.56	24.69	24.82
7.0	24.95	25.10	25.26	25.43	25.60	25.76	25.91	26.04	26.16	26.28
7.2	26.39	26.50	26.61	26.72	26.83	26.94	27.04	27.14	27.24	27.35
7.4	27.45	27.55	27.64	27.72	27.80	27.86	27.92	27.98	28.04	28.11
7.6	28.19	28.28	28.36	28.44	28.50	28.54	28.58	28.60	28.63	28.66
7.8	28.71	28.76	28.82	28.88	28.93	28.96	28.99	29.00	29.01	29.01
8.0	29.02	29.04	29.06	29.09	29.11	29.13	29.15	29.15	29.15	29.14
8.2	29.14	29.13	29.12	29.11	29.10	29.08	29.07	29.05	29.03	29.02
8.4	29.00	28.98	28.95	28.92	28.87	28.82	28.77	28.72	28.67	28.62
8.6	28.59	28.55	28.51	28.46	28.40	28.32	28.23	28.14	28.05	27.96
8.8	27.88	27.81	27.75	27.67	27.59	27.49	27.38	27.26	27.13	26.99
9.0	26.86	26.74	26.62	26.50	26.37	26.24	26.09	25.93	25.77	25.59
9.2	25.41	25.22	25.03	24.83	24.63	24.41	24.19	23.97	23.74	23.51
9.4	23.26	23.00	22.73	22.42	22.09	21.74	21.37	20.99	20.61	20.23
9.6	19.85	19.44	19.01	18.52	17.97	17.35	16.65	15.88	15.07	14.20
9.8	13.30	12.32	11.24	9.96	8.39	6.35	3.53	-0.81	-9.90	-11.14

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 30.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-9.70	-9.23	-8.76	-8.32	-7.88	-7.46	-7.05	-6.65	-6.27	-5.89
0.12	-5.53	-5.18	-4.85	-4.52	-4.21	-3.90	-3.61	-3.33	-3.06	-2.81
0.14	-2.56	-2.32	-2.10	-1.88	-1.68	-1.48	-1.30	-1.12	-0.96	-0.80
0.16	-0.65	-0.52	-0.38	-0.26	-0.15	-0.04	0.06	0.15	0.24	0.32
0.18	0.39	0.46	0.52	0.57	0.62	0.67	0.71	0.74	0.77	0.80
0.20	0.82	0.83	0.84	0.85	0.86	0.85	0.85	0.84	0.83	0.82
0.22	0.80	0.78	0.75	0.72	0.69	0.66	0.62	0.58	0.54	0.50
0.24	0.45	0.40	0.35	0.30	0.25	0.19	0.14	0.08	0.02	-0.04
0.26	-0.09	-0.15	-0.21	-0.26	-0.32	-0.37	-0.42	-0.47	-0.51	-0.55
0.28	-0.59	-0.62	-0.65	-0.68	-0.70	-0.71	-0.72	-0.72	-0.72	-0.71
0.30	-0.69	-0.67	-0.64	-0.61	-0.57	-0.53	-0.48	-0.43	-0.37	-0.31
0.32	-0.24	-0.17	-0.10	-0.03	0.05	0.13	0.21	0.29	0.38	0.46
0.34	0.55	0.63	0.72	0.81	0.89	0.98	1.06	1.15	1.23	1.31
0.36	1.39	1.47	1.55	1.63	1.70	1.78	1.85	1.92	1.99	2.06
0.38	2.13	2.20	2.26	2.32	2.39	2.45	2.50	2.56	2.62	2.67
0.40	2.73	2.78	2.83	2.88	2.93	2.98	3.03	3.07	3.12	3.16
0.42	3.21	3.25	3.29	3.34	3.38	3.42	3.46	3.50	3.54	3.58
0.44	3.62	3.66	3.70	3.74	3.77	3.81	3.85	3.89	3.93	3.97
0.46	4.01	4.05	4.08	4.12	4.16	4.20	4.24	4.28	4.32	4.36
0.48	4.40	4.44	4.49	4.53	4.57	4.61	4.65	4.69	4.73	4.77
0.50	4.81	4.85	4.89	4.93	4.97	5.00	5.04	5.08	5.12	5.15
0.52	5.19	5.22	5.25	5.29	5.32	5.35	5.38	5.40	5.43	5.45
0.54	5.48	5.50	5.52	5.54	5.56	5.57	5.59	5.60	5.61	5.62
0.56	5.63	5.63	5.63	5.63	5.63	5.63	5.62	5.62	5.61	5.60
0.58	5.58	5.57	5.55	5.53	5.51	5.49	5.46	5.44	5.41	5.38
0.60	5.35	5.32	5.28	5.25	5.21	5.18	5.14	5.10	5.07	5.03
0.62	5.00	4.96	4.93	4.89	4.86	4.83	4.81	4.78	4.76	4.74
0.64	4.72	4.71	4.70	4.70	4.70	4.70	4.71	4.73	4.75	4.77
0.66	4.80	4.84	4.88	4.92	4.97	5.03	5.09	5.15	5.22	5.29
0.68	5.37	5.45	5.53	5.62	5.71	5.80	5.89	5.98	6.08	6.18
0.70	6.27	6.37	6.47	6.57	6.66	6.76	6.86	6.95	7.04	7.13
0.72	7.22	7.31	7.39	7.47	7.55	7.63	7.70	7.78	7.84	7.91
0.74	7.97	8.03	8.08	8.13	8.18	8.23	8.27	8.30	8.33	8.36
0.76	8.39	8.41	8.42	8.44	8.44	8.45	8.45	8.44	8.44	8.42
0.78	8.41	8.38	8.36	8.33	8.30	8.26	8.22	8.17	8.12	8.07
0.80	8.01	7.94	7.88	7.81	7.73	7.66	7.58	7.49	7.40	7.31
0.82	7.22	7.12	7.02	6.92	6.82	6.72	6.61	6.51	6.40	6.30
0.84	6.19	6.09	5.99	5.89	5.80	5.71	5.62	5.54	5.47	5.40
0.86	5.34	5.29	5.25	5.22	5.20	5.19	5.19	5.20	5.22	5.25
0.88	5.29	5.34	5.40	5.47	5.55	5.63	5.73	5.82	5.93	6.04
0.90	6.15	6.26	6.38	6.50	6.62	6.75	6.87	6.99	7.11	7.23
0.92	7.35	7.47	7.58	7.69	7.80	7.91	8.01	8.11	8.21	8.30
0.94	8.39	8.47	8.55	8.63	8.70	8.77	8.83	8.89	8.95	9.00
0.96	9.04	9.09	9.12	9.16	9.19	9.21	9.23	9.25	9.26	9.27
0.98	9.27	9.27	9.26	9.25	9.24	9.22	9.20	9.17	9.14	9.10

TABLE 3(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION VERTICAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 30.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	9.07	8.47	7.58	6.62	6.00	6.03	6.61	7.35	7.93	8.24
1.2	8.25	7.99	7.55	7.03	6.57	6.25	6.11	6.06	6.01	5.88
1.4	5.67	5.41	5.19	5.08	5.07	5.08	5.01	4.72	4.12	3.12
1.6	1.72	0.04	-1.38	-1.65	-0.83	0.18	0.79	0.80	0.09	-1.44
1.8	-4.01	-7.87	-11.56	-9.93	-7.27	-6.18	-6.72	-9.29	-14.78	-11.94
2.0	-5.38	-1.41	1.12	2.75	3.75	4.27	4.47	4.54	4.69	5.09
2.2	5.75	6.56	7.37	8.08	8.68	9.19	9.63	10.07	10.52	10.98
2.4	11.41	11.79	12.08	12.29	12.45	12.63	12.88	13.24	13.72	14.24
2.6	14.74	15.15	15.42	15.57	15.60	15.59	15.61	15.75	16.03	16.44
2.8	16.89	17.31	17.63	17.84	17.94	17.96	17.95	17.98	18.10	18.30
3.0	18.57	18.87	19.14	19.36	19.52	19.62	19.70	19.77	19.85	19.96
3.2	20.09	20.23	20.37	20.50	20.62	20.73	20.85	20.98	21.11	21.24
3.4	21.35	21.44	21.49	21.51	21.53	21.56	21.62	21.73	21.88	22.04
3.6	22.19	22.29	22.34	22.34	22.30	22.26	22.23	22.26	22.34	22.47
3.8	22.61	22.72	22.80	22.83	22.81	22.76	22.70	22.67	22.67	22.70
4.0	22.76	22.82	22.88	22.91	22.91	22.89	22.86	22.83	22.80	22.78
4.2	22.76	22.74	22.71	22.67	22.64	22.61	22.59	22.58	22.58	22.56
4.4	22.52	22.46	22.35	22.23	22.10	22.00	21.92	21.88	21.88	21.87
4.6	21.85	21.79	21.67	21.50	21.30	21.10	20.91	20.78	20.69	20.64
4.8	20.59	20.52	20.40	20.22	20.00	19.74	19.48	19.23	19.01	18.82
5.0	18.64	18.46	18.26	18.03	17.77	17.48	17.17	16.84	16.50	16.14
5.2	15.75	15.32	14.86	14.37	13.86	13.37	12.89	12.42	11.92	11.34
5.4	10.62	9.70	8.54	7.12	5.43	3.52	1.50	-0.56	-2.82	-5.99
5.6	-12.49	-20.33	-6.39	-0.84	2.61	5.02	6.76	8.05	9.03	9.82
5.8	10.53	11.23	11.98	12.75	13.53	14.27	14.94	15.54	16.06	16.52
6.0	16.95	17.35	17.74	18.12	18.49	18.85	19.20	19.53	19.85	20.17
6.2	20.49	20.81	21.12	21.41	21.67	21.91	22.12	22.31	22.50	22.69
6.4	22.91	23.14	23.39	23.63	23.86	24.07	24.24	24.38	24.50	24.62
6.6	24.75	24.90	25.07	25.25	25.43	25.60	25.75	25.88	25.99	26.08
6.8	26.17	26.27	26.38	26.49	26.61	26.73	26.84	26.95	27.04	27.13
7.0	27.22	27.30	27.37	27.45	27.52	27.59	27.65	27.71	27.77	27.84
7.2	27.91	27.98	28.05	28.11	28.16	28.20	28.23	28.24	28.26	28.28
7.4	28.32	28.36	28.41	28.46	28.51	28.54	28.55	28.55	28.53	28.52
7.6	28.51	28.51	28.53	28.55	28.56	28.58	28.58	28.57	28.55	28.52
7.8	28.48	28.45	28.42	28.39	28.37	28.35	28.32	28.29	28.25	28.21
8.0	28.16	28.11	28.06	28.00	27.93	27.86	27.78	27.71	27.63	27.56
8.2	27.49	27.42	27.35	27.27	27.18	27.07	26.94	26.81	26.67	26.54
8.4	26.42	26.31	26.20	26.09	25.97	25.83	25.67	25.48	25.29	25.08
8.6	24.88	24.69	24.50	24.32	24.13	23.93	23.71	23.47	23.20	22.92
8.8	22.62	22.32	22.00	21.68	21.35	21.00	20.63	20.25	19.84	19.40
9.0	18.95	18.45	17.92	17.33	16.68	15.95	15.15	14.27	13.31	12.27
9.2	11.14	9.87	8.37	6.47	3.88	-0.08	-7.99	-12.03	-1.49	3.10
9.4	5.97	8.03	9.64	10.98	12.18	13.29	14.33	15.29	16.18	16.98
9.6	17.69	18.33	18.90	19.42	19.90	20.36	20.81	21.25	21.68	22.09
9.8	22.48	22.85	23.21	23.54	23.86	24.17	24.46	24.74	25.01	25.26

TABLE 4. THE RADAR CROSS SECTION OF A HEMISPHERE ILLUMINATED BY A TRANSVERSE ELECTRIC POLARISED WAVE

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 1.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-91.85	-91.53	-91.22	-90.93	-90.66	-90.40	-90.16	-89.93	-89.72	-89.52
0.12	-89.33	-89.16	-89.01	-88.87	-88.74	-88.63	-88.53	-88.45	-88.38	-88.33
0.14	-88.29	-88.26	-88.25	-88.25	-88.26	-88.29	-88.32	-88.37	-88.42	-88.47
0.16	-88.52	-88.57	-88.61	-88.63	-88.64	-88.61	-88.55	-88.44	-88.28	-88.07
0.18	-87.80	-87.48	-87.10	-86.68	-86.21	-85.71	-85.18	-84.63	-84.07	-83.50
0.20	-82.92	-82.35	-81.78	-81.21	-80.65	-80.10	-79.56	-79.03	-78.51	-78.00
0.22	-77.51	-77.02	-76.55	-76.09	-75.63	-75.19	-74.77	-74.35	-73.94	-73.54
0.24	-73.16	-72.78	-72.41	-72.06	-71.71	-71.37	-71.04	-70.73	-70.42	-70.12
0.26	-69.82	-69.54	-69.27	-69.00	-68.74	-68.50	-68.26	-68.03	-67.80	-67.59
0.28	-67.38	-67.19	-67.00	-66.82	-66.64	-66.48	-66.32	-66.18	-66.04	-65.91
0.30	-65.79	-65.67	-65.57	-65.47	-65.38	-65.30	-65.23	-65.17	-65.12	-65.07
0.32	-65.03	-65.01	-64.99	-64.98	-64.98	-64.99	-65.01	-65.04	-65.08	-65.13
0.34	-65.19	-65.26	-65.35	-65.44	-65.55	-65.67	-65.80	-65.95	-66.11	-66.28
0.36	-66.47	-66.68	-66.90	-67.15	-67.41	-67.68	-67.98	-68.30	-68.64	-69.01
0.38	-69.39	-69.80	-70.23	-70.67	-71.13	-71.60	-72.05	-72.49	-72.88	-73.20
0.40	-73.43	-73.52	-73.48	-73.28	-72.95	-72.50	-71.96	-71.37	-70.74	-70.10
0.42	-69.46	-68.83	-68.21	-67.61	-67.04	-66.48	-65.95	-65.44	-64.96	-64.49
0.44	-64.05	-63.62	-63.21	-62.83	-62.45	-62.10	-61.76	-61.43	-61.12	-60.83
0.46	-60.54	-60.27	-60.02	-59.77	-59.53	-59.31	-59.10	-58.90	-58.70	-58.52
0.48	-58.35	-58.19	-58.04	-57.89	-57.76	-57.63	-57.52	-57.41	-57.31	-57.22
0.50	-57.14	-57.07	-57.00	-56.95	-56.90	-56.86	-56.83	-56.81	-56.80	-56.79
0.52	-56.80	-56.81	-56.84	-56.87	-56.91	-56.96	-57.03	-57.10	-57.18	-57.27
0.54	-57.38	-57.49	-57.62	-57.76	-57.91	-58.08	-58.25	-58.45	-58.65	-58.88
0.56	-59.12	-59.37	-59.65	-59.94	-60.25	-60.58	-60.92	-61.29	-61.68	-62.09
0.58	-62.52	-62.96	-63.41	-63.87	-64.32	-64.75	-65.15	-65.49	-65.75	-65.91
0.60	-65.95	-65.87	-65.65	-65.32	-64.91	-64.42	-63.89	-63.33	-62.77	-62.20
0.62	-61.64	-61.10	-60.57	-60.06	-59.57	-59.10	-58.65	-58.22	-57.81	-57.41
0.64	-57.04	-56.68	-56.34	-56.01	-55.70	-55.40	-55.12	-54.85	-54.59	-54.35
0.66	-54.11	-53.89	-53.68	-53.48	-53.29	-53.12	-52.95	-52.79	-52.64	-52.50
0.68	-52.37	-52.25	-52.14	-52.04	-51.94	-51.86	-51.78	-51.71	-51.65	-51.60
0.70	-51.56	-51.52	-51.50	-51.48	-51.47	-51.47	-51.48	-51.50	-51.53	-51.56
0.72	-51.61	-51.67	-51.73	-51.80	-51.89	-51.98	-52.09	-52.20	-52.33	-52.47
0.74	-52.62	-52.78	-52.96	-53.15	-53.35	-53.56	-53.79	-54.04	-54.29	-54.57
0.76	-54.86	-55.17	-55.49	-55.83	-56.19	-56.56	-56.94	-57.34	-57.75	-58.15
0.78	-58.56	-58.96	-59.33	-59.66	-59.95	-60.16	-60.29	-60.32	-60.25	-60.09
0.80	-59.83	-59.49	-59.10	-58.66	-58.19	-57.71	-57.22	-56.73	-56.25	-55.77
0.82	-55.32	-54.87	-54.44	-54.03	-53.63	-53.25	-52.89	-52.54	-52.21	-51.89
0.84	-51.59	-51.30	-51.02	-50.75	-50.50	-50.26	-50.04	-49.82	-49.62	-49.42
0.86	-49.24	-49.06	-48.90	-48.75	-48.60	-48.47	-48.34	-48.23	-48.12	-48.02
0.88	-47.93	-47.85	-47.78	-47.72	-47.66	-47.62	-47.58	-47.55	-47.53	-47.51
0.90	-47.51	-47.51	-47.53	-47.55	-47.58	-47.62	-47.67	-47.73	-47.79	-47.87
0.92	-47.95	-48.05	-48.15	-48.27	-48.40	-48.53	-48.68	-48.84	-49.01	-49.19
0.94	-49.39	-49.59	-49.81	-50.05	-50.29	-50.55	-50.83	-51.11	-51.42	-51.73
0.96	-52.06	-52.40	-52.75	-53.11	-53.47	-53.84	-54.20	-54.55	-54.88	-55.19
0.98	-55.45	-55.66	-55.80	-55.87	-55.86	-55.77	-55.60	-55.36	-55.07	-54.72

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 1.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	-54.34	-50.22	-47.22	-45.38	-44.49	-44.43	-45.25	-47.07	-50.02	-52.21
1.2	-49.57	-46.06	-43.65	-42.27	-41.74	-42.03	-43.19	-45.36	-48.24	-48.66
1.4	-45.52	-42.60	-40.70	-39.70	-39.51	-40.12	-41.62	-44.02	-46.28	-45.13
1.6	-42.09	-39.69	-38.21	-37.56	-37.69	-38.61	-40.39	-42.81	-43.95	-41.87
1.8	-39.17	-37.22	-36.11	-35.78	-36.20	-37.41	-39.39	-41.50	-41.38	-38.98
2.0	-36.65	-35.10	-34.32	-34.28	-34.98	-36.44	-38.49	-39.92	-38.80	-36.43
2.2	-34.48	-33.27	-32.80	-33.03	-33.98	-35.63	-37.53	-38.07	-36.37	-34.20
2.4	-32.59	-31.70	-31.50	-31.99	-33.16	-34.90	-36.41	-36.07	-34.14	-32.24
2.6	-30.95	-30.34	-30.40	-31.12	-32.47	-34.16	-35.07	-34.05	-32.14	-30.52
2.8	-29.52	-29.17	-29.46	-30.39	-31.85	-33.33	-33.54	-32.13	-30.35	-29.00
3.0	-28.26	-28.15	-28.67	-29.77	-31.25	-32.34	-31.92	-30.34	-28.75	-27.66
3.2	-27.17	-27.29	-27.99	-29.22	-30.60	-31.18	-30.28	-28.70	-27.33	-26.48
3.4	-26.22	-26.54	-27.42	-28.70	-29.84	-29.89	-28.70	-27.21	-26.06	-25.45
3.6	-25.40	-25.91	-26.91	-28.16	-28.96	-28.53	-27.21	-25.87	-24.94	-24.54
3.8	-24.69	-25.36	-26.45	-27.57	-27.95	-27.16	-25.83	-24.67	-23.94	-23.74
4.0	-24.07	-24.88	-25.98	-26.88	-26.84	-25.83	-24.57	-23.58	-23.06	-23.05
4.2	-23.54	-24.44	-25.49	-26.09	-25.68	-24.57	-23.42	-22.62	-22.28	-22.44
4.4	-23.07	-24.02	-24.94	-25.20	-24.52	-23.39	-22.38	-21.75	-21.60	-21.92
4.6	-22.65	-23.60	-24.31	-24.23	-23.37	-22.29	-21.44	-20.99	-21.00	-21.45
4.8	-22.26	-23.14	-23.60	-23.23	-22.28	-21.29	-20.59	-20.31	-20.47	-21.04
5.0	-21.87	-22.63	-22.81	-22.22	-21.25	-20.37	-19.83	-19.70	-20.00	-20.66
5.2	-21.48	-22.05	-21.96	-21.22	-20.29	-19.54	-19.15	-19.17	-19.59	-20.30
5.4	-21.05	-21.41	-21.08	-20.26	-19.40	-18.79	-18.54	-18.70	-19.21	-19.94
5.6	-20.57	-20.70	-20.19	-19.35	-18.59	-18.11	-18.00	-18.28	-18.86	-19.57
5.8	-20.04	-19.95	-19.31	-18.50	-17.84	-17.50	-17.52	-17.90	-18.52	-19.16
6.0	-19.45	-19.16	-18.46	-17.71	-17.16	-16.95	-17.09	-17.55	-18.19	-18.72
6.2	-18.81	-18.38	-17.65	-16.97	-16.55	-16.46	-16.71	-17.22	-17.83	-18.23
6.4	-18.14	-17.59	-16.89	-16.30	-15.99	-16.02	-16.36	-16.91	-17.45	-17.69
6.6	-17.44	-16.83	-16.17	-15.68	-15.49	-15.62	-16.03	-16.58	-17.04	-17.11
6.8	-16.73	-16.10	-15.51	-15.12	-15.04	-15.26	-15.72	-16.25	-16.58	-16.50
7.0	-16.03	-15.41	-14.89	-14.61	-14.63	-14.93	-15.42	-15.89	-16.09	-15.87
7.2	-15.35	-14.76	-14.33	-14.15	-14.27	-14.63	-15.11	-15.50	-15.56	-15.24
7.4	-14.69	-14.15	-13.81	-13.73	-13.93	-14.33	-14.79	-15.08	-15.01	-14.60
7.6	-14.06	-13.59	-13.34	-13.35	-13.62	-14.04	-14.45	-14.62	-14.44	-13.98
7.8	-13.46	-13.07	-12.91	-13.01	-13.32	-13.75	-14.08	-14.14	-13.86	-13.38
8.0	-12.90	-12.59	-12.52	-12.69	-13.04	-13.44	-13.69	-13.63	-13.28	-12.80
8.2	-12.38	-12.15	-12.16	-12.39	-12.76	-13.12	-13.27	-13.11	-12.71	-12.25
8.4	-11.90	-11.75	-11.83	-12.11	-12.48	-12.77	-12.83	-12.58	-12.16	-11.74
8.6	-11.45	-11.38	-11.53	-11.84	-12.19	-12.41	-12.36	-12.06	-11.63	-11.26
8.8	-11.04	-11.04	-11.24	-11.57	-11.88	-12.02	-11.88	-11.54	-11.13	-10.81
9.0	-10.66	-10.73	-10.97	-11.30	-11.56	-11.60	-11.40	-11.03	-10.65	-10.39
9.2	-10.32	-10.44	-10.71	-11.02	-11.21	-11.17	-10.91	-10.54	-10.20	-10.00
9.4	-9.99	-10.17	-10.45	-10.72	-10.85	-10.73	-10.43	-10.07	-9.78	-9.64
9.6	-9.69	-9.91	-10.19	-10.42	-10.46	-10.29	-9.96	-9.62	-9.38	-9.31
9.8	-9.42	-9.65	-9.92	-10.09	-10.07	-9.84	-9.51	-9.20	-9.02	-9.00

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 2.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-79.81	-79.49	-79.18	-78.89	-78.62	-78.36	-78.12	-77.89	-77.68	-77.48
0.12	-77.29	-77.12	-76.97	-76.83	-76.70	-76.59	-76.49	-76.41	-76.34	-76.29
0.14	-76.25	-76.22	-76.21	-76.21	-76.22	-76.24	-76.28	-76.32	-76.37	-76.42
0.16	-76.48	-76.52	-76.56	-76.59	-76.59	-76.56	-76.50	-76.39	-76.24	-76.03
0.18	-75.76	-75.44	-75.06	-74.64	-74.17	-73.67	-73.14	-72.60	-72.03	-71.46
0.20	-70.89	-70.31	-69.74	-69.17	-68.62	-68.07	-67.52	-66.99	-66.48	-65.97
0.22	-65.47	-64.99	-64.51	-64.05	-63.60	-63.16	-62.73	-62.31	-61.91	-61.51
0.24	-61.12	-60.75	-60.38	-60.02	-59.67	-59.34	-59.01	-58.69	-58.38	-58.08
0.26	-57.79	-57.50	-57.23	-56.96	-56.71	-56.46	-56.22	-55.99	-55.76	-55.55
0.28	-55.34	-55.15	-54.96	-54.78	-54.61	-54.44	-54.29	-54.14	-54.00	-53.87
0.30	-53.75	-53.63	-53.53	-53.43	-53.34	-53.26	-53.19	-53.13	-53.07	-53.03
0.32	-52.99	-52.97	-52.95	-52.94	-52.94	-52.95	-52.97	-53.00	-53.04	-53.09
0.34	-53.15	-53.22	-53.30	-53.40	-53.50	-53.62	-53.76	-53.90	-54.06	-54.24
0.36	-54.43	-54.63	-54.85	-55.10	-55.35	-55.63	-55.93	-56.25	-56.59	-56.95
0.38	-57.34	-57.74	-58.17	-58.61	-59.07	-59.53	-59.99	-60.42	-60.82	-61.14
0.40	-61.37	-61.47	-61.42	-61.23	-60.90	-60.46	-59.93	-59.34	-58.71	3.07
0.42	-57.43	-56.80	-56.18	-55.59	-55.01	-54.46	-53.93	-53.42	-52.93	-52.47
0.44	-52.02	-51.59	-51.19	-50.80	-50.43	-50.07	-49.73	-49.40	-49.09	-48.80
0.46	-48.51	-48.24	-47.98	-47.74	-47.50	-47.28	-47.07	-46.86	-46.67	-46.49
0.48	-46.32	-46.16	-46.00	-45.86	-45.73	-45.60	-45.48	-45.38	-45.28	-45.19
0.50	-45.11	-45.03	-44.97	-44.91	-44.86	-44.83	-44.79	-44.77	-44.76	-44.76
0.52	-44.76	-44.77	-44.80	-44.83	-44.87	-44.92	-44.98	-45.06	-45.14	-45.23
0.54	-45.33	-45.45	-45.57	-45.71	-45.86	-46.03	-46.21	-46.40	-46.61	-46.83
0.56	-47.06	-47.32	-47.59	-47.88	-48.19	-48.52	-48.86	-49.23	-49.62	-50.02
0.58	-50.45	-50.89	-51.33	-51.79	-52.24	-52.67	-53.07	-53.41	-53.67	-53.84
0.60	-53.88	-53.80	-53.59	-53.27	-52.86	-52.38	-51.86	-51.31	-50.74	-50.18
0.62	-49.62	-49.08	-48.55	-48.04	-47.55	-47.08	-46.63	-46.20	-45.79	-45.39
0.64	-45.02	-44.66	-44.32	-43.99	-43.68	-43.38	-43.10	-42.83	-42.57	-42.32
0.66	-42.09	-41.87	-41.66	-41.46	-41.27	-41.09	-40.92	-40.76	-40.61	-40.47
0.68	-40.34	-40.22	-40.11	-40.01	-39.91	-39.83	-39.75	-39.68	-39.62	-39.57
0.70	-39.53	-39.49	-39.47	-39.45	-39.44	-39.44	-39.45	-39.47	-39.49	-39.53
0.72	-39.57	-39.63	-39.69	-39.77	-39.85	-39.94	-40.05	-40.16	-40.29	-40.43
0.74	-40.58	-40.74	-40.91	-41.10	-41.30	-41.51	-41.74	-41.98	-42.24	-42.51
0.76	-42.80	-43.11	-43.43	-43.76	-44.12	-44.48	-44.87	-45.[illegible]	-45.66	-46.07
0.78	-46.47	-46.86	-47.23	-47.57	-47.85	-48.06	-48.20	-48.23	-48.17	-48.01
0.80	-47.76	-47.44	-47.05	-46.62	-46.16	-45.68	-45.19	-44.71	-44.23	-43.76
0.82	-43.30	-42.85	-42.43	-42.01	-41.62	-41.24	-40.88	-40.53	-40.19	-39.88
0.84	-39.57	-39.28	-39.00	-38.74	-38.49	-38.25	-38.02	-37.80	-37.60	-37.40
0.86	-37.22	-37.05	-36.88	-36.73	-36.59	-36.45	-36.32	-36.21	-36.10	-36.00
[illegible]	-35.91	-35.83	-35.76	-35.69	-35.64	-35.59	-35.55	-35.52	-35.50	-35.49
[illegible]	-35.48	-35.49	-35.50	-35.52	-35.55	-35.59	-35.64	-35.69	-35.76	-35.83
[illegible]	-36.92	-36.01	-36.12	-36.23	-36.36	-36.49	-36.64	-36.80	-36.97	-37.15
[illegible]	-37.34	-37.54	-37.76	-37.99	-38.24	-38.49	-38.76	-39.05	-39.35	-39.66
[illegible]	-39.98	-40.32	-40.67	-41.02	-41.38	-41.74	-42.10	-42.45	-42.77	-43.07
[illegible]	-43.33	-43.54	-43.69	-43.76	-43.76	-43.68	-43.52	-43.29	-43.00	-42.66

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 2.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	-42.29	-38.21	-35.21	-33.37	-32.47	-32.41	-33.21	-35.01	-37.92	-40.09
1.2	-37.54	-34.05	-31.65	-30.26	-29.73	-30.00	-31.15	-33.29	-36.10	-36.56
1.4	-33.50	-30.61	-28.71	-27.70	-27.50	-28.10	-29.57	-31.92	-34.12	-33.05
1.6	-30.09	-27.71	-26.23	-25.57	-25.68	-26.58	-28.32	-30.67	-31.80	-29.83
1.8	-27.17	-25.24	-24.13	-23.79	-24.19	-25.37	-27.29	-29.32	-29.26	-26.96
2.0	-24.68	-23.13	-22.35	-22.30	-22.97	-24.37	-26.35	-27.73	-26.71	-24.43
2.2	-22.52	-21.32	-20.83	-21.04	-21.96	-23.54	-25.35	-25.89	-24.31	-22.22
2.4	-20.64	-19.75	-19.54	-19.99	-21.12	-22.77	-24.20	-23.92	-22.12	-20.28
2.6	-19.01	-18.39	-18.43	-19.11	-20.39	-21.99	-22.85	-21.95	-20.14	-18.57
2.8	-17.58	-17.22	-17.49	-18.36	-19.74	-21.11	-21.34	-20.06	-18.38	-17.07
3.0	-16.34	-16.21	-16.68	-17.71	-19.09	-20.10	-19.75	-18.31	-16.80	-15.74
3.2	-15.25	-15.34	-15.99	-17.12	-18.39	-18.94	-18.16	-16.70	-15.40	-14.58
3.4	-14.30	-14.59	-15.39	-16.56	-17.60	-17.67	-16.62	-15.25	-14.15	-13.55
3.6	-13.48	-13.93	-14.85	-15.97	-16.70	-16.35	-15.18	-13.93	-13.04	-12.64
3.8	-12.76	-13.36	-14.34	-15.33	-15.69	-15.03	-13.84	-12.75	-12.06	-11.85
4.0	-12.13	-12.84	-13.82	-14.61	-14.61	-13.75	-12.61	-11.69	-11.18	-11.15
4.2	-11.57	-12.36	-13.28	-13.81	-13.49	-12.53	-11.49	-10.74	-10.41	-10.53
4.4	-11.07	-11.90	-12.69	-12.93	-12.37	-11.39	-10.48	-9.89	-9.72	-9.98
4.6	-10.61	-11.42	-12.03	-11.99	-11.28	-10.34	-9.56	-9.13	-9.11	-9.49
4.8	-10.17	-10.91	-11.31	-11.03	-10.24	-9.37	-8.73	-8.45	-8.56	-9.04
5.0	-9.73	-10.36	-10.53	-10.06	-9.25	-8.48	-7.98	-7.84	-8.07	-8.61
5.2	-9.29	-9.76	-9.71	-9.12	-8.33	-7.67	-7.31	-7.30	-7.63	-8.20
5.4	-8.81	-9.11	-8.87	-8.21	-7.48	-6.94	-6.70	-6.80	-7.21	-7.79
5.6	-8.30	-8.41	-8.03	-7.35	-6.70	-6.27	-6.15	-6.36	-6.82	-7.37
5.8	-7.74	-7.69	-7.20	-6.55	-5.98	-5.66	-5.66	-5.94	-6.43	-6.92
6.0	-7.15	-6.95	-6.41	-5.79	-5.32	-5.12	-5.21	-5.55	-6.03	-6.44
6.2	-6.52	-6.21	-5.65	-5.09	-4.72	-4.62	-4.79	-5.18	-5.63	-5.93
6.4	-5.88	-5.48	-4.93	-4.44	-4.17	-4.16	-4.40	-4.81	-5.21	-5.39
6.6	-5.22	-4.77	-4.25	-3.85	-3.67	-3.74	-4.03	-4.43	-4.76	-4.82
6.8	-4.56	-4.09	-3.62	-3.30	-3.21	-3.35	-3.67	-4.05	-4.28	-4.24
7.0	-3.91	-3.45	-3.04	-2.80	-2.78	-2.98	-3.32	-3.64	-3.79	-3.65
7.2	-3.28	-2.84	-2.49	-2.33	-2.39	-2.63	-2.96	-3.22	-3.27	-3.06
7.4	-2.67	-2.27	-1.99	-1.90	-2.02	-2.28	-2.59	-2.78	-2.74	-2.47
7.6	-2.09	-1.73	-1.52	-1.51	-1.67	-1.94	-2.21	-2.33	-2.21	-1.90
7.8	-1.53	-1.23	-1.09	-1.13	-1.33	-1.60	-1.81	-1.85	-1.68	-1.35
8.0	-1.01	-0.77	-0.69	-0.78	-1.00	-1.25	-1.40	-1.37	-1.15	-0.82
8.2	-0.52	-0.34	-0.31	-0.44	-0.67	-0.88	-0.98	-0.88	-0.63	-0.32
8.4	-0.06	0.07	0.04	-0.12	-0.34	-0.51	-0.54	-0.40	-0.13	0.16
8.6	0.37	0.45	0.38	0.20	0.00	-0.13	-0.10	0.08	0.35	0.61
8.8	0.78	0.80	0.70	0.52	0.34	0.27	0.34	0.56	0.82	1.04
9.0	1.16	1.14	1.02	0.84	0.70	0.67	0.79	1.01	1.26	1.44
9.2	1.52	1.47	1.33	1.16	1.06	1.08	1.23	1.46	1.68	1.82
9.4	1.86	1.78	1.63	1.49	1.43	1.49	1.66	1.89	2.08	2.18
9.6	2.18	2.08	1.94	1.82	1.80	1.90	2.09	2.30	2.46	2.53
9.8	2.49	2.38	2.25	2.16	2.18	2.31	2.50	2.69	2.82	2.85

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 3.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-72.76	-72.44	-72.14	-71.85	-71.58	-71.32	-71.07	-70.85	-70.63	-70.43
0.12	-70.25	-70.08	-69.92	-69.78	-69.65	-69.54	-69.44	-69.36	-69.29	-69.24
0.14	-69.20	-69.17	-69.16	-69.16	-69.17	-69.19	-69.23	-69.27	-69.32	-69.37
0.16	-69.42	-69.47	-69.51	-69.54	-69.54	-69.51	-69.45	-69.35	-69.19	-68.98
0.18	-68.72	-68.40	-68.02	-67.60	-67.14	-66.64	-66.11	-65.56	-65.00	-64.43
0.20	-63.85	-63.28	-62.71	-62.14	-61.58	-61.03	-60.49	-59.96	-59.44	-58.94
0.22	-58.44	-57.95	-57.48	-57.02	-56.57	-56.13	-55.70	-55.28	-54.87	-54.47
0.24	-54.09	-53.71	-53.34	-52.99	-52.64	-52.30	-51.97	-51.65	-51.34	-51.04
0.26	-50.75	-50.47	-50.19	-49.93	-49.67	-49.42	-49.18	-48.95	-48.73	-48.51
0.28	-48.31	-48.11	-47.92	-47.74	-47.57	-47.40	-47.25	-47.10	-46.96	-46.83
0.30	-46.71	-46.59	-46.49	-46.39	-46.30	-46.22	-46.15	-46.09	-46.03	-45.99
0.32	-45.95	-45.92	-45.90	-45.89	-45.89	-45.90	-45.92	-45.95	-45.99	-46.04
0.34	-46.10	-46.17	-46.25	-46.35	-46.45	-46.57	-46.70	-46.85	-47.01	-47.18
0.36	-47.37	-47.58	-47.80	-48.04	-48.29	-48.57	-48.87	-49.18	-49.52	-49.88
0.38	-50.27	-50.67	-51.09	-51.54	-51.99	-52.45	-52.91	-53.34	-53.73	-54.06
0.40	-54.29	-54.40	-54.36	-54.18	-53.86	-53.42	-52.90	-52.31	-51.69	-51.05
0.42	-50.41	-49.78	-49.17	-48.57	-47.99	-47.44	-46.91	-46.40	-45.91	-45.45
0.44	-45.00	-44.57	-44.17	-43.78	-43.40	-43.05	-42.71	-42.38	-42.07	-41.77
0.46	-41.49	-41.22	-40.96	-40.71	-40.48	-40.25	-40.04	-39.84	-39.64	-39.46
0.48	-39.29	-39.13	-38.97	-38.83	-38.69	-38.57	-38.45	-38.34	-38.24	-38.15
0.50	-38.07	-38.00	-37.93	-37.88	-37.83	-37.79	-37.76	-37.74	-37.72	-37.72
0.52	-37.72	-37.73	-37.76	-37.79	-37.83	-37.88	-37.94	-38.01	-38.09	-38.18
0.54	-38.29	-38.40	-38.53	-38.66	-38.81	-38.98	-39.15	-39.34	-39.55	-39.77
0.56	-40.00	-40.26	-40.53	-40.81	-41.12	-41.44	-41.79	-42.15	-42.54	-42.94
0.58	-43.36	-43.79	-44.24	-44.69	-45.13	-45.56	-45.96	-46.30	-46.56	-46.73
0.60	-46.79	-46.72	-46.52	-46.21	-45.81	-45.34	-44.83	-44.28	-43.72	-43.16
0.62	-42.61	-42.07	-41.54	-41.03	-40.54	-40.07	-39.62	-39.19	-38.78	-38.38
0.64	-38.01	-37.65	-37.31	-36.98	-36.67	-36.37	-36.08	-35.81	-35.55	-35.31
0.66	-35.08	-34.85	-34.64	-34.44	-34.25	-34.07	-33.90	-33.75	-33.60	-33.46
0.68	-33.32	-33.20	-33.09	-32.99	-32.89	-32.80	-32.73	-32.66	-32.60	-32.54
0.70	-32.50	-32.46	-32.44	-32.42	-32.41	-32.41	-32.42	-32.43	-32.46	-32.49
0.72	-32.54	-32.59	-32.65	-32.73	-32.81	-32.90	-33.01	-33.12	-33.24	-33.38
0.74	-33.53	-33.69	-33.86	-34.04	-34.24	-34.45	-34.68	-34.92	-35.17	-35.44
0.76	-35.73	-36.03	-36.34	-36.68	-37.03	-37.39	-37.77	-38.15	-38.55	-38.95
0.78	-39.35	-39.73	-40.10	-40.43	-40.71	-40.93	-41.07	-41.11	-41.06	-40.91
0.80	-40.68	-40.37	-39.99	-39.57	-39.12	-38.65	-38.17	-37.69	-37.21	-36.75
0.82	-36.29	-35.85	-35.43	-35.01	-34.62	-34.24	-33.88	-33.53	-33.20	-32.88
0.84	-32.57	-32.28	-32.00	-31.74	-31.49	-31.25	-31.02	-30.80	-30.60	-30.40
0.86	-30.22	-30.04	-29.88	-29.72	-29.58	-29.44	-29.32	-29.20	-29.09	-28.99
0.88	-28.90	-28.82	-28.75	-28.68	-28.62	-28.58	-28.54	-28.51	-28.48	-28.47
0.90	-28.46	-28.47	-28.48	-28.50	-28.52	-28.56	-28.61	-28.66	-28.73	-28.80
0.92	-28.89	-28.98	-29.08	-29.19	-29.32	-29.45	-29.59	-29.75	-29.92	-30.09
0.94	-30.28	-30.49	-30.70	-30.93	-31.17	-31.42	-31.69	-31.97	-32.26	-32.57
0.96	-32.88	-33.21	-33.55	-33.90	-34.25	-34.61	-34.96	-35.30	-35.62	-35.92
0.98	-36.17	-36.38	-36.53	-36.61	-36.62	-36.55	-36.40	-36.19	-35.91	-35.59

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 3.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	-35.23	-31.22	-28.22	-26.38	-25.47	-25.39	-26.17	-27.94	-30.77	-32.92
1.2	-30.51	-27.07	-24.68	-23.28	-22.73	-22.99	-24.11	-26.19	-28.91	-29.42
1.4	-26.49	-23.64	-21.74	-20.73	-20.51	-21.08	-22.51	-24.77	-26.89	-25.95
1.6	-23.10	-20.75	-19.28	-18.61	-18.70	-19.56	-21.23	-23.47	-24.57	-22.77
1.8	-20.21	-18.30	-17.19	-16.83	-17.20	-18.32	-20.15	-22.07	-22.07	-19.94
2.0	-17.73	-16.21	-15.42	-15.34	-15.97	-17.30	-19.15	-20.45	-19.58	-17.45
2.2	-15.59	-14.40	-13.91	-14.09	-14.94	-16.41	-18.09	-18.63	-17.23	-15.27
2.4	-13.74	-12.85	-12.62	-13.03	-14.07	-15.58	-16.90	-16.70	-15.09	-13.36
2.6	-12.12	-11.50	-11.51	-12.12	-13.30	-14.74	-15.54	-14.79	-13.16	-11.68
2.8	-10.71	-10.34	-10.56	-11.34	-12.58	-13.81	-14.05	-12.97	-11.44	-10.20
3.0	-9.48	-9.33	-9.73	-10.65	-11.86	-12.76	-12.51	-11.27	-9.90	-8.89
3.2	-8.40	-8.45	-9.01	-10.01	-11.10	-11.60	-10.98	-9.72	-8.53	-7.74
3.4	-7.45	-7.68	-8.37	-9.37	-10.26	-10.36	-9.51	-8.31	-7.31	-6.72
3.6	-6.62	-6.99	-7.77	-8.72	-9.34	-9.09	-8.13	-7.04	-6.22	-5.82
3.8	-5.88	-6.38	-7.20	-8.02	-8.34	-7.84	-6.85	-5.89	-5.25	-5.02
4.0	-5.23	-5.82	-6.61	-7.26	-7.29	-6.62	-5.68	-4.86	-4.38	-4.31
4.2	-4.64	-5.28	-6.01	-6.44	-6.22	-5.47	-4.60	-3.93	-3.61	-3.67
4.4	-4.09	-4.74	-5.36	-5.57	-5.17	-4.40	-3.62	-3.09	-2.91	-3.09
4.6	-3.57	-4.20	-4.67	-4.66	-4.14	-3.40	-2.73	-2.34	-2.29	-2.56
4.8	-3.07	-3.63	-3.94	-3.75	-3.17	-2.47	-1.93	-1.66	-1.72	-2.06
5.0	-2.57	-3.03	-3.17	-2.85	-2.25	-1.63	-1.19	-1.04	-1.19	-1.58
5.2	-2.06	-2.40	-2.38	-1.98	-1.39	-0.85	-0.53	-0.48	-0.70	-1.10
5.4	-1.53	-1.74	-1.59	-1.14	-0.58	-0.14	0.08	0.04	-0.23	-0.63
5.6	-0.97	-1.06	-0.81	-0.34	0.16	0.51	0.64	0.53	0.23	-0.14
5.8	-0.40	-0.37	-0.05	0.41	0.84	1.11	1.16	0.99	0.67	0.36
6.0	0.20	0.32	0.68	1.12	1.48	1.67	1.64	1.43	1.13	0.87
6.2	0.81	1.01	1.38	1.78	2.07	2.18	2.10	1.86	1.59	1.40
6.4	1.43	1.68	2.04	2.39	2.61	2.66	2.53	2.29	2.05	1.94
6.6	2.04	2.32	2.67	2.96	3.12	3.11	2.95	2.72	2.53	2.50
6.8	2.65	2.94	3.26	3.50	3.59	3.54	3.37	3.16	3.02	3.05
7.0	3.24	3.53	3.81	4.00	4.04	3.95	3.77	3.60	3.52	3.60
7.2	3.82	4.10	4.33	4.47	4.47	4.35	4.18	4.05	4.02	4.15
7.4	4.37	4.63	4.82	4.91	4.88	4.75	4.60	4.50	4.53	4.68
7.6	4.91	5.13	5.29	5.33	5.27	5.14	5.01	4.96	5.02	5.20
7.8	5.42	5.61	5.72	5.73	5.65	5.53	5.43	5.42	5.52	5.70
8.0	5.90	6.06	6.14	6.12	6.03	5.92	5.86	5.88	6.00	6.18
8.2	6.36	6.49	6.54	6.50	6.41	6.31	6.28	6.33	6.47	6.65
8.4	6.80	6.90	6.92	6.87	6.78	6.71	6.70	6.78	6.93	7.09
8.6	7.22	7.29	7.29	7.23	7.15	7.10	7.13	7.22	7.37	7.52
8.8	7.63	7.67	7.65	7.58	7.52	7.50	7.55	7.65	7.80	7.93
9.0	8.01	8.03	8.00	7.94	7.89	7.89	7.96	8.07	8.21	8.32
9.2	8.38	8.39	8.35	8.29	8.26	8.28	8.36	8.48	8.60	8.70
9.4	8.74	8.73	8.69	8.64	8.63	8.67	8.76	8.88	8.99	9.06
9.6	9.08	9.07	9.03	8.99	9.00	9.06	9.15	9.26	9.35	9.41
9.8	9.42	9.40	9.36	9.34	9.37	9.43	9.53	9.63	9.71	9.75

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 4.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-67.77	-67.45	-67.14	-66.85	-66.58	-66.32	-66.08	-65.85	-65.63	-65.43
0.12	-65.25	-65.08	-64.92	-64.78	-64.65	-64.54	-64.44	-64.36	-64.29	-64.24
0.14	-64.19	-64.17	-64.15	-64.15	-64.16	-64.19	-64.22	-64.26	-64.31	-64.36
0.16	-64.42	-64.46	-64.50	-64.53	-64.53	-64.51	-64.45	-64.34	-64.19	-63.98
0.18	-63.72	-63.40	-63.03	-62.61	-62.15	-61.65	-61.12	-60.58	-60.02	-59.45
0.20	-58.87	-58.30	-57.73	-57.16	-56.60	-56.05	-55.51	-54.98	-54.46	-53.95
0.22	-53.46	-52.97	-52.50	-52.03	-51.58	-51.14	-50.71	-50.30	-49.89	-49.49
0.24	-49.10	-48.73	-48.36	-48.00	-47.65	-47.31	-46.99	-46.67	-46.36	-46.05
0.26	-45.76	-45.48	-45.20	-44.94	-44.68	-44.43	-44.19	-43.96	-43.74	-43.52
0.28	-43.32	-43.12	-42.93	-42.75	-42.57	-42.41	-42.25	-42.11	-41.97	-41.83
0.30	-41.71	-41.60	-41.49	-41.39	-41.30	-41.22	-41.15	-41.09	-41.03	-40.99
0.32	-40.95	-40.92	-40.90	-40.89	-40.89	-40.90	-40.92	-40.95	-40.99	-41.04
0.34	-41.10	-41.17	-41.25	-41.34	-41.45	-41.56	-41.69	-41.84	-42.00	-42.17
0.36	-42.36	-42.56	-42.78	-43.02	-43.27	-43.55	-43.84	-44.16	-44.49	-44.85
0.38	-45.23	-45.63	-46.05	-46.49	-46.94	-47.40	-47.86	-48.29	-48.68	-49.01
0.40	-49.24	-49.36	-49.33	-49.16	-48.86	-48.43	-47.91	-47.34	-46.72	-46.09
0.42	-45.45	-44.82	-44.21	-43.61	-43.03	-42.48	-41.95	-41.44	-40.95	-40.48
0.44	-40.04	-39.61	-39.20	-38.81	-38.44	-38.08	-37.74	-37.41	-37.10	-36.80
0.46	-36.52	-36.25	-35.99	-35.74	-35.50	-35.28	-35.06	-34.86	-34.67	-34.48
0.48	-34.31	-34.15	-33.99	-33.85	-33.71	-33.59	-33.47	-33.36	-33.26	-33.17
0.50	-33.09	-33.01	-32.95	-32.89	-32.84	-32.80	-32.77	-32.75	-32.73	-32.73
0.52	-32.73	-32.74	-32.76	-32.79	-32.83	-32.88	-32.94	-33.01	-33.09	-33.18
0.54	-33.28	-33.40	-33.52	-33.66	-33.80	-33.97	-34.14	-34.33	-34.53	-34.75
0.56	-34.98	-35.23	-35.50	-35.78	-36.09	-36.41	-36.75	-37.11	-37.48	-37.88
0.58	-38.29	-38.72	-39.16	-39.61	-40.05	-40.47	-40.86	-41.21	-41.48	-41.65
0.60	-41.72	-41.66	-41.48	-41.19	-40.80	-40.35	-39.84	-39.31	-38.76	-38.20
0.62	-37.65	-37.11	-36.59	-36.08	-35.59	-35.12	-34.67	-34.24	-33.83	-33.44
0.64	-33.06	-32.70	-32.36	-32.03	-31.71	-31.42	-31.13	-30.86	-30.60	-30.35
0.66	-30.12	-29.90	-29.68	-29.48	-29.29	-29.11	-28.94	-28.78	-28.63	-28.49
0.68	-28.36	-28.24	-28.12	-28.02	-27.92	-27.83	-27.76	-27.69	-27.62	-27.57
0.70	-27.53	-27.49	-27.46	-27.44	-27.43	-27.43	-27.44	-27.45	-27.48	-27.51
0.72	-27.55	-27.60	-27.67	-27.74	-27.82	-27.91	-28.01	-28.12	-28.24	-28.38
0.74	-28.52	-28.68	-28.85	-29.03	-29.23	-29.43	-29.66	-29.89	-30.14	-30.41
0.76	-30.69	-30.98	-31.29	-31.62	-31.96	-32.32	-32.69	-33.07	-33.46	-33.85
0.78	-34.24	-34.62	-34.98	-35.30	-35.59	-35.80	-35.95	-36.00	-35.97	-35.84
0.80	-35.62	-35.33	-34.97	-34.57	-34.13	-33.67	-33.20	-32.73	-32.26	-31.80
0.82	-31.35	-30.91	-30.49	-30.08	-29.68	-29.30	-28.94	-28.59	-28.26	-27.94
0.84	-27.64	-27.35	-27.07	-26.80	-26.55	-26.31	-26.08	-25.86	-25.66	-25.46
0.86	-25.28	-25.10	-24.93	-24.78	-24.63	-24.50	-24.37	-24.25	-24.14	-24.04
0.88	-23.95	-23.87	-23.79	-23.73	-23.67	-23.62	-23.58	-23.54	-23.52	-23.51
0.90	-23.50	-23.50	-23.51	-23.53	-23.55	-23.59	-23.63	-23.69	-23.75	-23.82
0.92	-23.90	-23.99	-24.09	-24.20	-24.32	-24.45	-24.59	-24.75	-24.91	-25.08
0.94	-25.27	-25.47	-25.68	-25.90	-26.13	-26.38	-26.64	-26.92	-27.20	-27.50
0.96	-27.81	-28.13	-28.46	-28.80	-29.14	-29.49	-29.83	-30.16	-30.47	-30.76
0.98	-31.01	-31.22	-31.38	-31.46	-31.48	-31.43	-31.30	-31.10	-30.85	-30.55

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 4.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	-30.21	-26.29	-23.30	-21.45	-20.53	-20.44	-21.19	-22.91	-25.65	-27.75
1.2	-25.52	-22.16	-19.77	-18.37	-17.80	-18.04	-19.11	-21.11	-23.71	-24.28
1.4	-21.54	-18.74	-16.85	-15.83	-15.59	-16.13	-17.48	-19.64	-21.65	-20.87
1.6	-18.18	-15.88	-14.40	-13.72	-13.78	-14.59	-16.17	-18.26	-19.34	-17.75
1.8	-15.32	-13.45	-12.34	-11.95	-12.28	-13.33	-15.03	-16.80	-16.88	-14.97
2.0	-12.87	-11.37	-10.58	-10.47	-11.03	-12.26	-13.95	-15.15	-14.46	-12.53
2.2	-10.75	-9.58	-9.07	-9.21	-9.98	-11.31	-12.82	-13.35	-12.18	-10.39
2.4	-8.92	-8.04	-7.78	-8.13	-9.06	-10.41	-11.57	-11.48	-10.10	-8.51
2.6	-7.33	-6.71	-6.67	-7.20	-8.24	-9.49	-10.20	-9.63	-8.23	-6.86
2.8	-5.93	-5.55	-5.71	-6.38	-7.45	-8.49	-8.75	-7.88	-6.55	-5.41
3.0	-4.71	-4.53	-4.86	-5.63	-6.65	-7.41	-7.26	-6.26	-5.06	-4.13
3.2	-3.64	-3.64	-4.10	-4.92	-5.82	-6.25	-5.81	-4.77	-3.73	-2.99
3.4	-2.69	-2.84	-3.40	-4.22	-4.93	-5.05	-4.41	-3.42	-2.54	-1.99
3.6	-1.85	-2.13	-2.74	-3.49	-3.98	-3.84	-3.10	-2.20	-1.47	-1.09
3.8	-1.09	-1.47	-2.10	-2.73	-2.99	-2.65	-1.89	-1.09	-0.52	-0.28
4.0	-0.41	-0.84	-1.45	-1.93	-1.98	-1.51	-0.77	-0.09	0.34	0.45
4.2	0.23	-0.24	-0.78	-1.10	-0.97	-0.43	0.25	0.81	1.11	1.11
4.4	0.82	0.36	-0.08	-0.24	0.02	0.58	1.18	1.63	1.82	1.73
4.6	1.40	0.97	0.64	0.63	0.97	1.52	2.04	2.38	2.47	2.31
4.8	1.96	1.59	1.38	1.49	1.88	2.39	2.82	3.06	3.07	2.86
5.0	2.53	2.23	2.13	2.33	2.74	3.19	3.54	3.69	3.63	3.40
5.2	3.10	2.88	2.88	3.14	3.54	3.94	4.21	4.28	4.17	3.93
5.4	3.67	3.54	3.63	3.92	4.30	4.63	4.82	4.84	4.69	4.46
5.6	4.26	4.20	4.35	4.66	5.00	5.27	5.40	5.36	5.20	4.99
5.8	4.85	4.87	5.06	5.36	5.66	5.87	5.94	5.87	5.70	5.53
6.0	5.45	5.52	5.74	6.02	6.27	6.43	6.45	6.36	6.20	6.07
6.2	6.04	6.16	6.38	6.64	6.85	6.95	6.94	6.84	6.70	6.61
6.4	6.63	6.78	7.00	7.23	7.39	7.46	7.42	7.31	7.20	7.15
6.6	7.21	7.37	7.59	7.78	7.91	7.94	7.88	7.78	7.70	7.69
6.8	7.78	7.95	8.15	8.31	8.40	8.40	8.33	8.25	8.19	8.22
7.0	8.33	8.50	8.68	8.81	8.87	8.85	8.78	8.71	8.69	8.74
7.2	8.87	9.03	9.18	9.29	9.32	9.29	9.22	9.17	9.18	9.25
7.4	9.38	9.54	9.67	9.74	9.75	9.71	9.66	9.63	9.66	9.75
7.6	9.88	10.02	10.13	10.18	10.18	10.14	10.09	10.09	10.13	10.23
7.8	10.36	10.49	10.57	10.60	10.59	10.55	10.52	10.54	10.60	10.71
8.0	10.83	10.93	11.00	11.02	11.00	10.96	10.95	10.98	11.05	11.16
8.2	11.27	11.36	11.41	11.42	11.39	11.37	11.37	11.42	11.50	11.60
8.4	11.70	11.78	11.81	11.81	11.79	11.77	11.79	11.84	11.93	12.03
8.6	12.12	12.18	12.20	12.19	12.17	12.17	12.20	12.26	12.35	12.44
8.8	12.52	12.56	12.57	12.57	12.55	12.56	12.60	12.67	12.76	12.84
9.0	12.91	12.94	12.94	12.94	12.93	12.95	13.00	13.07	13.16	13.23
9.2	13.28	13.31	13.31	13.30	13.30	13.33	13.39	13.46	13.54	13.61
9.4	13.65	13.66	13.66	13.66	13.67	13.71	13.77	13.84	13.92	13.97
9.6	14.01	14.01	14.01	14.01	14.03	14.08	14.14	14.22	14.28	14.33
9.8	14.35	14.36	14.36	14.36	14.39	14.44	14.51	14.58	14.64	14.67

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 5.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-63.89	-63.57	-63.27	-62.98	-62.70	-62.45	-62.20	-61.97	-61.76	-61.56
0.12	-61.37	-61.20	-61.04	-60.90	-60.77	-60.66	-60.56	-60.48	-60.41	-60.35
0.14	-60.31	-60.28	-60.27	-60.27	-60.28	-60.30	-60.33	-60.37	-60.42	-60.47
0.16	-60.53	-60.57	-60.61	-60.64	-60.64	-60.62	-60.56	-60.46	-60.31	-60.10
0.18	-59.84	-59.53	-59.16	-58.74	-58.28	-57.79	-57.26	-56.72	-56.16	-55.59
0.20	-55.02	-54.44	-53.87	-53.31	-52.75	-52.20	-51.66	-51.13	-50.61	-50.10
0.22	-49.60	-49.11	-48.64	-48.18	-47.73	-47.29	-46.86	-46.44	-46.03	-45.63
0.24	-45.24	-44.87	-44.50	-44.14	-43.79	-43.45	-43.12	-42.80	-42.49	-42.19
0.26	-41.90	-41.61	-41.34	-41.07	-40.81	-40.57	-40.33	-40.09	-39.87	-39.65
0.28	-39.45	-39.25	-39.06	-38.88	-38.70	-38.54	-38.38	-38.23	-38.09	-37.96
0.30	-37.84	-37.73	-37.62	-37.52	-37.43	-37.35	-37.28	-37.21	-37.16	-37.11
0.32	-37.07	-37.05	-37.03	-37.01	-37.01	-37.02	-37.04	-37.07	-37.11	-37.15
0.34	-37.21	-37.28	-37.36	-37.45	-37.56	-37.67	-37.80	-37.95	-38.10	-38.27
0.36	-38.46	-38.66	-38.88	-39.11	-39.37	-39.64	-39.93	-40.24	-40.58	-40.93
0.38	-41.31	-41.70	-42.12	-42.56	-43.00	-43.46	-43.91	-44.34	-44.74	-45.07
0.40	-45.31	-45.43	-45.42	-45.27	-44.97	-44.56	-44.06	-43.49	-42.88	-42.25
0.42	-41.62	-40.99	-40.38	-39.78	-39.21	-38.65	-38.12	-37.61	-37.12	-36.65
0.44	-36.20	-35.78	-35.37	-34.98	-34.60	-34.24	-33.90	-33.57	-33.26	-32.96
0.46	-32.68	-32.40	-32.14	-31.89	-31.66	-31.43	-31.22	-31.01	-30.82	-30.63
0.48	-30.46	-30.30	-30.14	-30.00	-29.86	-29.73	-29.61	-29.51	-29.40	-29.31
0.50	-29.23	-29.15	-29.09	-29.03	-28.98	-28.94	-28.90	-28.88	-28.87	-28.86
0.52	-28.86	-28.87	-28.89	-28.92	-28.96	-29.01	-29.07	-29.13	-29.21	-29.30
0.54	-29.40	-29.51	-29.63	-29.77	-29.91	-30.07	-30.24	-30.43	-30.63	-30.85
0.56	-31.08	-31.32	-31.58	-31.86	-32.16	-32.48	-32.81	-33.17	-33.54	-33.93
0.58	-34.34	-34.76	-35.19	-35.63	-36.06	-36.48	-36.87	-37.21	-37.49	-37.67
0.60	-37.75	-37.71	-37.55	-37.28	-36.91	-36.47	-35.98	-35.46	-34.92	-34.37
0.62	-33.83	-33.29	-32.77	-32.27	-31.78	-31.31	-30.86	-30.43	-30.02	-29.62
0.64	-29.25	-28.88	-28.54	-28.21	-27.90	-27.60	-27.31	-27.04	-26.78	-26.53
0.66	-26.30	-26.07	-25.86	-25.66	-25.47	-25.28	-25.11	-24.95	-24.80	-24.66
0.68	-24.53	-24.40	-24.29	-24.18	-24.08	-23.99	-23.91	-23.84	-23.78	-23.73
0.70	-23.68	-23.64	-23.61	-23.59	-23.58	-23.58	-23.58	-23.60	-23.62	-23.65
0.72	-23.69	-23.74	-23.80	-23.87	-23.95	-24.04	-24.14	-24.24	-24.37	-24.50
0.74	-24.64	-24.79	-24.96	-25.14	-25.33	-25.53	-25.75	-25.98	-26.22	-26.48
0.76	-26.76	-27.05	-27.35	-27.67	-28.01	-28.35	-28.71	-29.08	-29.46	-29.84
0.78	-30.22	-30.60	-30.95	-31.27	-31.55	-31.77	-31.92	-31.99	-31.97	-31.86
0.80	-31.67	-31.40	-31.06	-30.68	-30.26	-29.82	-29.36	-28.90	-28.44	-27.98
0.82	-27.54	-27.10	-26.68	-26.28	-25.88	-25.51	-25.14	-24.80	-24.46	-24.15
0.84	-23.84	-23.55	-23.27	-23.00	-22.75	-22.51	-22.28	-22.06	-21.85	-21.66
0.86	-21.47	-21.29	-21.13	-20.97	-20.82	-20.69	-20.56	-20.44	-20.33	-20.23
0.88	-20.13	-20.05	-19.97	-19.90	-19.84	-19.79	-19.75	-19.72	-19.69	-19.67
0.90	-19.66	-19.66	-19.67	-19.69	-19.71	-19.74	-19.79	-19.84	-19.90	-19.97
0.92	-20.04	-20.13	-20.23	-20.34	-20.45	-20.58	-20.72	-20.86	-21.02	-21.19
0.94	-21.37	-21.57	-21.77	-21.99	-22.21	-22.45	-22.71	-22.97	-23.25	-23.54
0.96	-23.84	-24.15	-24.47	-24.79	-25.13	-25.46	-25.79	-26.11	-26.41	-26.69
0.98	-26.94	-27.15	-27.30	-27.40	-27.43	-27.39	-27.29	-27.12	-26.89	-26.61

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 5.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	-26.29	-22.49	-19.52	-17.67	-16.73	-16.61	-17.33	-18.99	-21.61	-23.66
1.2	-21.65	-18.39	-16.01	-14.60	-14.02	-14.22	-15.24	-17.14	-19.60	-20.23
1.4	-17.71	-14.99	-13.11	-12.08	-11.81	-12.30	-13.58	-15.60	-17.49	-16.88
1.6	-14.39	-12.15	-10.68	-9.98	-10.00	-10.75	-12.21	-14.14	-15.17	-13.83
1.8	-11.56	-9.74	-8.63	-8.23	-8.50	-9.45	-11.01	-12.61	-12.77	-11.11
2.0	-9.14	-7.69	-6.89	-6.74	-7.24	-8.34	-9.84	-10.93	-10.41	-8.72
2.2	-7.06	-5.92	-5.39	-5.48	-6.15	-7.33	-8.64	-9.15	-8.21	-6.63
2.4	-5.26	-4.40	-4.11	-4.38	-5.18	-6.35	-7.34	-7.33	-6.21	-4.79
2.6	-3.68	-3.07	-2.99	-3.42	-4.29	-5.34	-5.97	-5.56	-4.40	-3.18
2.8	-2.31	-1.91	-2.00	-2.55	-3.43	-4.29	-4.54	-3.89	-2.78	-1.76
3.0	-1.10	-0.89	-1.12	-1.75	-2.56	-3.18	-3.11	-2.34	-1.34	-0.50
3.2	-0.03	0.02	-0.32	-0.97	-1.67	-2.02	-1.72	-0.92	-0.04	0.61
3.4	0.92	0.84	0.43	-0.19	-0.74	-0.85	-0.40	0.37	1.11	1.61
3.6	1.78	1.60	1.15	0.60	0.23	0.31	0.83	1.54	2.15	2.51
3.8	2.56	2.31	1.86	1.41	1.21	1.43	1.98	2.61	3.09	3.33
4.0	3.28	2.99	2.57	2.23	2.19	2.50	3.04	3.57	3.95	4.08
4.2	3.96	3.65	3.29	3.07	3.15	3.51	4.01	4.46	4.73	4.77
4.4	4.61	4.31	4.03	3.92	4.08	4.46	4.91	5.26	5.45	5.43
4.6	5.24	4.97	4.76	4.75	4.97	5.35	5.73	6.01	6.12	6.05
4.8	5.85	5.63	5.50	5.57	5.82	6.17	6.50	6.70	6.75	6.65
5.0	6.46	6.29	6.24	6.36	6.63	6.94	7.21	7.35	7.35	7.23
5.2	7.07	6.95	6.96	7.12	7.39	7.66	7.87	7.96	7.93	7.81
5.4	7.67	7.61	7.67	7.85	8.10	8.34	8.49	8.54	8.49	8.38
5.6	8.28	8.26	8.35	8.55	8.78	8.97	9.08	9.10	9.03	8.94
5.8	8.87	8.89	9.02	9.21	9.41	9.57	9.65	9.64	9.57	9.49
6.0	9.46	9.52	9.66	9.84	10.02	10.14	10.18	10.16	10.10	10.04
6.2	10.04	10.12	10.27	10.44	10.59	10.68	10.70	10.67	10.61	10.58
6.4	10.61	10.71	10.86	11.01	11.13	11.20	11.20	11.17	11.13	11.12
6.6	11.17	11.28	11.42	11.56	11.65	11.70	11.69	11.66	11.63	11.64
6.8	11.71	11.83	11.96	12.08	12.15	12.18	12.17	12.14	12.13	12.16
7.0	12.24	12.36	12.48	12.58	12.64	12.65	12.63	12.61	12.62	12.66
7.2	12.75	12.87	12.98	13.06	13.10	13.10	13.09	13.08	13.10	13.16
7.4	13.25	13.36	13.46	13.52	13.55	13.55	13.53	13.53	13.57	13.64
7.6	13.73	13.84	13.92	13.97	13.99	13.98	13.97	13.99	14.03	14.11
7.8	14.20	14.29	14.36	14.40	14.41	14.41	14.41	14.43	14.48	14.56
8.0	14.65	14.74	14.80	14.82	14.83	14.82	14.83	14.86	14.92	15.01
8.2	15.09	15.17	15.21	15.23	15.23	15.23	15.25	15.29	15.36	15.44
8.4	15.52	15.58	15.62	15.63	15.63	15.64	15.66	15.71	15.78	15.86
8.6	15.93	15.98	16.01	16.02	16.02	16.03	16.06	16.12	16.19	16.27
8.8	16.33	16.37	16.40	16.40	16.41	16.42	16.46	16.52	16.59	16.66
9.0	16.72	16.75	16.77	16.78	16.78	16.81	16.85	16.91	16.98	17.05
9.2	17.10	17.12	17.14	17.14	17.15	17.18	17.23	17.30	17.36	17.42
9.4	17.46	17.49	17.50	17.50	17.52	17.55	17.61	17.67	17.73	17.78
9.6	17.82	17.84	17.85	17.86	17.88	17.92	17.97	18.04	18.09	18.14
9.8	18.17	18.18	18.19	18.21	18.23	18.28	18.33	18.39	18.45	18.48

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 6.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-60.73	-60.41	-60.10	-59.81	-59.54	-59.28	-59.03	-58.80	-58.59	-58.39
0.12	-58.20	-58.03	-57.87	-57.73	-57.60	-57.49	-57.39	-57.30	-57.23	-57.18
0.14	-57.13	-57.11	-57.09	-57.09	-57.10	-57.12	-57.15	-57.19	-57.24	-57.29
0.16	-57.34	-57.39	-57.43	-57.45	-57.46	-57.44	-57.38	-57.28	-57.13	-56.93
0.18	-56.67	-56.36	-56.00	-55.58	-55.13	-54.63	-54.11	-53.57	-53.01	-52.45
0.20	-51.87	-51.30	-50.73	-50.16	-49.61	-49.06	-48.51	-47.98	-47.46	-46.96
0.22	-46.46	-45.97	-45.50	-45.03	-44.58	-44.14	-43.71	-43.29	-42.88	-42.48
0.24	-42.10	-41.72	-41.35	-40.99	-40.64	-40.30	-39.97	-39.65	-39.34	-39.04
0.26	-38.75	-38.46	-38.19	-37.92	-37.66	-37.41	-37.17	-36.94	-36.71	-36.50
0.28	-36.29	-36.09	-35.90	-35.72	-35.55	-35.38	-35.22	-35.07	-34.93	-34.80
0.30	-34.68	-34.56	-34.46	-34.36	-34.27	-34.19	-34.11	-34.05	-33.99	-33.94
0.32	-33.91	-33.88	-33.86	-33.84	-33.84	-33.85	-33.87	-33.89	-33.93	-33.98
0.34	-34.03	-34.10	-34.18	-34.27	-34.38	-34.49	-34.62	-34.76	-34.91	-35.08
0.36	-35.27	-35.47	-35.68	-35.91	-36.16	-36.43	-36.72	-37.03	-37.36	-37.71
0.38	-38.08	-38.48	-38.89	-39.32	-39.76	-40.21	-40.66	-41.09	-41.48	-41.82
0.40	-42.07	-42.20	-42.21	-42.07	-41.79	-41.40	-40.91	-40.35	-39.75	-39.13
0.42	-38.50	-37.88	-37.27	-36.67	-36.10	-35.54	-35.01	-34.50	-34.01	-33.54
0.44	-33.09	-32.66	-32.25	-31.86	-31.48	-31.12	-30.78	-30.45	-30.14	-29.84
0.46	-29.55	-29.28	-29.01	-28.77	-28.53	-28.30	-28.08	-27.88	-27.68	-27.50
0.48	-27.33	-27.16	-27.00	-26.86	-26.72	-26.59	-26.47	-26.36	-26.26	-26.17
0.50	-26.08	-26.01	-25.94	-25.88	-25.83	-25.79	-25.75	-25.73	-25.71	-25.70
0.52	-25.70	-25.71	-25.73	-25.76	-25.80	-25.84	-25.90	-25.97	-26.04	-26.13
0.54	-26.23	-26.33	-26.45	-26.59	-26.73	-26.89	-27.05	-27.24	-27.43	-27.65
0.56	-27.87	-28.11	-28.37	-28.65	-28.94	-29.25	-29.58	-29.93	-30.29	-30.67
0.58	-31.07	-31.49	-31.91	-32.34	-32.76	-33.18	-33.56	-33.90	-34.18	-34.37
0.60	-34.47	-34.44	-34.31	-34.06	-33.72	-33.30	-32.83	-32.32	-31.80	-31.26
0.62	-30.72	-30.19	-29.68	-29.17	-28.69	-28.22	-27.77	-27.34	-26.93	-26.53
0.64	-26.15	-25.79	-25.45	-25.12	-24.80	-24.50	-24.21	-23.94	-23.68	-23.43
0.66	-23.19	-22.97	-22.75	-22.55	-22.36	-22.18	-22.00	-21.84	-21.69	-21.54
0.68	-21.41	-21.28	-21.17	-21.06	-20.96	-20.87	-20.79	-20.72	-20.65	-20.60
0.70	-20.55	-20.51	-20.48	-20.46	-20.44	-20.44	-20.44	-20.45	-20.47	-20.50
0.72	-20.54	-20.59	-20.65	-20.71	-20.79	-20.88	-20.97	-21.08	-21.20	-21.32
0.74	-21.46	-21.61	-21.77	-21.95	-22.13	-22.33	-22.54	-22.77	-23.01	-23.26
0.76	-23.53	-23.81	-24.11	-24.42	-24.74	-25.08	-25.43	-25.79	-26.16	-26.53
0.78	-26.89	-27.25	-27.60	-27.91	-28.19	-28.41	-28.57	-28.65	-28.65	-28.57
0.80	-28.40	-28.16	-27.85	-27.49	-27.09	-26.67	-26.23	-25.78	-25.33	-24.88
0.82	-24.45	-24.02	-23.60	-23.20	-22.81	-22.43	-22.07	-21.73	-21.39	-21.07
0.84	-20.77	-20.48	-20.20	-19.93	-19.68	-19.44	-19.20	-18.98	-18.78	-18.58
0.86	-18.39	-18.21	-18.04	-17.89	-17.74	-17.60	-17.47	-17.35	-17.23	-17.13
0.88	-17.04	-16.95	-16.87	-16.80	-16.74	-16.69	-16.64	-16.61	-16.58	-16.56
0.90	-16.55	-16.55	-16.55	-16.56	-16.59	-16.62	-16.66	-16.70	-16.76	-16.83
0.92	-16.90	-16.99	-17.08	-17.18	-17.29	-17.42	-17.55	-17.69	-17.84	-18.01
0.94	-18.18	-18.37	-18.57	-18.78	-19.00	-19.23	-19.47	-19.73	-19.99	-20.27
0.96	-20.56	-20.86	-21.17	-21.48	-21.79	-22.11	-22.43	-22.73	-23.03	-23.30
0.98	-23.54	-23.75	-23.91	-24.01	-24.06	-24.04	-23.96	-23.81	-23.61	-23.36

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 6.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	-23.07	-19.42	-16.47	-14.61	-13.65	-13.51	-14.18	-15.77	-18.25	-20.23
1.2	-18.48	-15.34	-12.99	-11.56	-10.95	-11.12	-12.08	-13.87	-16.16	-16.84
1.4	-14.59	-11.97	-10.11	-9.06	-8.76	-9.20	-10.39	-12.25	-13.99	-13.57
1.6	-11.30	-9.15	-7.70	-6.98	-6.96	-7.63	-8.96	-10.70	-11.68	-10.58
1.8	-8.52	-6.77	-5.67	-5.23	-5.45	-6.30	-7.68	-9.10	-9.33	-7.93
2.0	-6.13	-4.74	-3.94	-3.75	-4.16	-5.13	-6.44	-7.40	-7.05	-5.61
2.2	-4.09	-2.99	-2.45	-2.47	-3.04	-4.05	-5.16	-5.63	-4.92	-3.57
2.4	-2.31	-1.48	-1.16	-1.36	-2.02	-2.99	-3.83	-3.87	-2.99	-1.78
2.6	-0.76	-0.16	-0.03	-0.36	-1.07	-1.92	-2.44	-2.17	-1.25	-0.21
2.8	0.59	1.00	0.97	0.55	-0.14	-0.82	-1.04	-0.58	0.31	1.18
3.0	1.79	2.03	1.89	1.42	0.79	0.32	0.34	0.90	1.70	2.42
3.2	2.86	2.96	2.73	2.26	1.74	1.46	1.66	2.25	2.95	3.52
3.4	3.82	3.82	3.54	3.10	2.70	2.60	2.91	3.48	4.08	4.52
3.6	4.70	4.61	4.31	3.93	3.67	3.71	4.08	4.61	5.10	5.42
3.8	5.51	5.37	5.08	4.77	4.64	4.78	5.16	5.64	6.03	6.25
4.0	6.27	6.10	5.84	5.62	5.58	5.79	6.17	6.58	6.88	7.02
4.2	6.98	6.81	6.59	6.46	6.51	6.75	7.10	7.44	7.67	7.75
4.4	7.67	7.51	7.34	7.28	7.39	7.65	7.97	8.24	8.41	8.43
4.6	8.34	8.20	8.08	8.09	8.24	8.49	8.77	8.99	9.10	9.09
4.8	9.00	8.88	8.82	8.87	9.04	9.29	9.52	9.69	9.76	9.73
5.0	9.64	9.55	9.54	9.63	9.81	10.03	10.23	10.35	10.39	10.34
5.2	10.27	10.21	10.24	10.35	10.54	10.73	10.90	10.98	10.99	10.94
5.4	10.88	10.86	10.92	11.05	11.23	11.40	11.53	11.58	11.58	11.53
5.6	11.49	11.50	11.58	11.72	11.88	12.03	12.13	12.16	12.14	12.11
5.8	12.09	12.12	12.21	12.35	12.51	12.63	12.70	12.72	12.70	12.67
6.0	12.67	12.72	12.83	12.97	13.10	13.20	13.25	13.26	13.24	13.22
6.2	13.24	13.31	13.42	13.55	13.67	13.75	13.78	13.78	13.76	13.76
6.4	13.80	13.88	13.99	14.11	14.21	14.28	14.30	14.29	14.28	14.29
6.6	14.34	14.43	14.54	14.65	14.74	14.78	14.80	14.79	14.79	14.81
6.8	14.87	14.96	15.07	15.17	15.24	15.27	15.28	15.27	15.28	15.31
7.0	15.39	15.48	15.58	15.67	15.73	15.75	15.75	15.75	15.76	15.81
7.2	15.89	15.98	16.08	16.15	16.19	16.21	16.21	16.21	16.24	16.29
7.4	16.37	16.47	16.55	16.61	16.65	16.66	16.66	16.67	16.70	16.77
7.6	16.85	16.94	17.01	17.06	17.09	17.10	17.10	17.12	17.16	17.23
7.8	17.31	17.39	17.46	17.50	17.52	17.52	17.53	17.56	17.60	17.67
8.0	17.75	17.83	17.89	17.92	17.93	17.94	17.95	17.99	18.04	18.11
8.2	18.19	18.25	18.30	18.33	18.34	18.35	18.37	18.41	18.46	18.54
8.4	18.61	18.67	18.71	18.73	18.74	18.75	18.78	18.82	18.88	18.95
8.6	19.01	19.07	19.10	19.12	19.13	19.15	19.18	19.22	19.28	19.35
8.8	19.41	19.46	19.48	19.50	19.51	19.53	19.57	19.62	19.68	19.74
9.0	19.80	19.83	19.86	19.87	19.89	19.91	19.95	20.00	20.06	20.12
9.2	20.17	20.20	20.22	20.24	20.26	20.29	20.33	20.38	20.44	20.49
9.4	20.53	20.56	20.58	20.60	20.62	20.65	20.70	20.75	20.80	20.85
9.6	20.89	20.92	20.93	20.95	20.98	21.01	21.06	21.11	21.16	21.21
9.8	21.24	21.26	21.28	21.30	21.32	21.36	21.41	21.46	21.51	21.55

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 7.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-58.05	-57.73	-57.43	-57.14	-56.86	-56.60	-56.36	-56.13	-55.91	-55.71
0.12	-55.52	-55.35	-55.19	-55.05	-54.92	-54.81	-54.70	-54.62	-54.55	-54.49
0.14	-54.45	-54.42	-54.40	-54.40	-54.41	-54.43	-54.46	-54.50	-54.54	-54.59
0.16	-54.64	-54.69	-54.73	-54.76	-54.76	-54.74	-54.69	-54.59	-54.44	-54.25
0.18	-53.99	-53.69	-53.33	-52.92	-52.46	-51.97	-51.46	-50.92	-50.36	-49.79
0.20	-49.22	-48.65	-48.08	-47.52	-46.96	-46.41	-45.87	-45.34	-44.82	-44.31
0.22	-43.81	-43.32	-42.85	-42.38	-41.93	-41.49	-41.06	-40.64	-40.23	-39.83
0.24	-39.44	-39.06	-38.69	-38.34	-37.99	-37.65	-37.32	-37.00	-36.68	-36.38
0.26	-36.09	-35.80	-35.53	-35.26	-35.00	-34.75	-34.51	-34.27	-34.05	-33.83
0.28	-33.63	-33.43	-33.24	-33.05	-32.88	-32.71	-32.56	-32.41	-32.26	-32.13
0.30	-32.01	-31.89	-31.78	-31.68	-31.59	-31.51	-31.44	-31.37	-31.31	-31.27
0.32	-31.23	-31.20	-31.18	-31.16	-31.16	-31.17	-31.18	-31.21	-31.24	-31.29
0.34	-31.35	-31.41	-31.49	-31.58	-31.68	-31.79	-31.92	-32.06	-32.21	-32.38
0.36	-32.56	-32.75	-32.97	-33.20	-33.44	-33.71	-33.99	-34.30	-34.62	-34.97
0.38	-35.34	-35.73	-36.13	-36.56	-36.99	-37.44	-37.88	-38.31	-38.70	-39.04
0.40	-39.30	-39.45	-39.47	-39.36	-39.10	-38.73	-38.26	-37.71	-37.12	-36.51
0.42	-35.89	-35.27	-34.66	-34.06	-33.49	-32.93	-32.40	-31.89	-31.40	-30.93
0.44	-30.48	-30.05	-29.63	-29.24	-28.86	-28.50	-28.16	-27.83	-27.51	-27.21
0.46	-26.92	-26.65	-26.38	-26.13	-25.89	-25.67	-25.45	-25.24	-25.05	-24.86
0.48	-24.68	-24.52	-24.36	-24.21	-24.08	-23.95	-23.83	-23.71	-23.61	-23.52
0.50	-23.43	-23.35	-23.28	-23.22	-23.17	-23.13	-23.09	-23.07	-23.05	-23.04
0.52	-23.04	-23.05	-23.06	-23.09	-23.12	-23.17	-23.22	-23.29	-23.36	-23.45
0.54	-23.54	-23.65	-23.76	-23.89	-24.03	-24.19	-24.35	-24.53	-24.72	-24.93
0.56	-25.15	-25.39	-25.64	-25.91	-26.20	-26.50	-26.82	-27.16	-27.52	-27.89
0.58	-28.28	-28.69	-29.10	-29.52	-29.93	-30.34	-30.72	-31.06	-31.34	-31.54
0.60	-31.65	-31.65	-31.54	-31.32	-31.01	-30.62	-30.17	-29.68	-29.17	-28.64
0.62	-28.11	-27.59	-27.08	-26.58	-26.10	-25.63	-25.18	-24.75	-24.34	-23.94
0.64	-23.56	-23.20	-22.86	-22.52	-22.21	-21.91	-21.62	-21.34	-21.08	-20.83
0.66	-20.59	-20.36	-20.15	-19.94	-19.75	-19.57	-19.39	-19.23	-19.07	-18.93
0.68	-18.79	-18.67	-18.55	-18.44	-18.34	-18.25	-18.16	-18.09	-18.02	-17.97
0.70	-17.92	-17.88	-17.84	-17.82	-17.80	-17.79	-17.80	-17.81	-17.82	-17.85
0.72	-17.89	-17.93	-17.99	-18.05	-18.12	-18.21	-18.30	-18.40	-18.51	-18.64
0.74	-18.77	-18.92	-19.08	-19.24	-19.43	-19.62	-19.82	-20.04	-20.28	-20.52
0.76	-20.78	-21.05	-21.34	-21.64	-21.95	-22.28	-22.62	-22.97	-23.32	-23.68
0.78	-24.03	-24.38	-24.71	-25.02	-25.29	-25.52	-25.68	-25.78	-25.80	-25.74
0.80	-25.60	-25.38	-25.11	-24.78	-24.40	-24.00	-23.58	-23.15	-22.71	-22.28
0.82	-21.85	-21.43	-21.02	-20.62	-20.24	-19.86	-19.50	-19.16	-18.83	-18.51
0.84	-18.20	-17.91	-17.63	-17.36	-17.11	-16.87	-16.63	-16.41	-16.20	-16.00
0.86	-15.81	-15.64	-15.47	-15.31	-15.16	-15.01	-14.88	-14.76	-14.65	-14.54
0.88	-14.44	-14.35	-14.27	-14.20	-14.14	-14.08	-14.04	-14.00	-13.97	-13.95
0.90	-13.93	-13.93	-13.93	-13.94	-13.96	-13.99	-14.02	-14.07	-14.12	-14.18
0.92	-14.25	-14.33	-14.42	-14.52	-14.63	-14.74	-14.87	-15.01	-15.16	-15.31
0.94	-15.48	-15.66	-15.85	-16.05	-16.26	-16.48	-16.72	-16.96	-17.22	-17.48
0.96	-17.76	-18.04	-18.33	-18.63	-18.93	-19.24	-19.54	-19.83	-20.11	-20.37
0.98	-20.60	-20.81	-20.97	-21.08	-21.14	-21.14	-21.08	-20.97	-20.80	-20.58

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 7.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	-20.32	-16.85	-13.93	-12.06	-11.08	-10.90	-11.53	-13.03	-15.37	-17.27
1.2	-15.78	-12.79	-10.47	-9.03	-8.40	-8.52	-9.41	-11.08	-13.19	-13.92
1.4	-11.94	-9.45	-7.61	-6.55	-6.22	-6.60	-7.68	-9.38	-10.97	-10.71
1.6	-8.70	-6.66	-5.23	-4.49	-4.42	-5.00	-6.20	-7.75	-8.66	-7.80
1.8	-5.96	-4.30	-3.21	-2.75	-2.90	-3.64	-4.85	-6.09	-6.35	-5.22
2.0	-3.61	-2.29	-1.50	-1.27	-1.59	-2.41	-3.53	-4.36	-4.14	-2.96
2.2	-1.60	-0.56	-0.02	0.02	-0.43	-1.27	-2.19	-2.61	-2.10	-0.97
2.4	0.15	0.93	1.28	1.16	0.64	-0.14	-0.82	-0.90	-0.24	0.77
2.6	1.67	2.25	2.42	2.19	1.65	0.98	0.56	0.73	1.43	2.30
2.8	3.02	3.41	3.45	3.16	2.64	2.12	1.93	2.25	2.94	3.67
3.0	4.21	4.46	4.40	4.07	3.62	3.27	3.26	3.66	4.29	4.88
3.2	5.28	5.42	5.29	4.97	4.60	4.40	4.53	4.95	5.50	5.98
3.4	6.26	6.31	6.14	5.85	5.58	5.51	5.72	6.14	6.60	6.97
3.6	7.16	7.14	6.96	6.72	6.55	6.58	6.83	7.22	7.61	7.89
3.8	7.99	7.94	7.76	7.58	7.49	7.60	7.87	8.22	8.53	8.73
4.0	8.78	8.70	8.55	8.42	8.41	8.56	8.83	9.14	9.39	9.52
4.2	9.53	9.45	9.33	9.25	9.30	9.48	9.73	9.99	10.19	10.27
4.4	10.26	10.17	10.08	10.06	10.15	10.34	10.58	10.79	10.93	10.98
4.6	10.95	10.88	10.83	10.85	10.96	11.15	11.36	11.54	11.64	11.67
4.8	11.63	11.57	11.55	11.60	11.74	11.92	12.11	12.25	12.32	12.32
5.0	12.28	12.25	12.26	12.33	12.48	12.65	12.81	12.92	12.97	12.96
5.2	12.92	12.91	12.94	13.04	13.18	13.34	13.47	13.56	13.59	13.57
5.4	13.55	13.55	13.60	13.71	13.85	14.00	14.11	14.17	14.18	14.17
5.6	14.15	14.17	14.24	14.36	14.50	14.62	14.71	14.76	14.76	14.75
5.8	14.75	14.78	14.87	14.98	15.11	15.22	15.29	15.32	15.32	15.31
6.0	15.32	15.37	15.47	15.58	15.70	15.79	15.85	15.87	15.86	15.86
6.2	15.89	15.95	16.05	16.16	16.26	16.34	16.38	16.39	16.39	16.40
6.4	16.43	16.51	16.61	16.71	16.81	16.87	16.90	16.91	16.91	16.92
6.6	16.97	17.05	17.15	17.25	17.33	17.38	17.40	17.40	17.41	17.44
6.8	17.49	17.57	17.67	17.76	17.83	17.87	17.89	17.89	17.90	17.94
7.0	18.00	18.08	18.17	18.25	18.31	18.34	18.36	18.36	18.38	18.42
7.2	18.49	18.57	18.66	18.73	18.78	18.80	18.82	18.83	18.85	18.90
7.4	18.97	19.05	19.13	19.19	19.23	19.25	19.26	19.28	19.31	19.36
7.6	19.43	19.51	19.58	19.64	19.67	19.69	19.70	19.72	19.76	19.82
7.8	19.89	19.96	20.02	20.07	20.10	20.11	20.13	20.15	20.20	20.26
8.0	20.33	20.39	20.45	20.49	20.51	20.53	20.55	20.58	20.63	20.69
8.2	20.75	20.81	20.86	20.90	20.92	20.94	20.96	20.99	21.04	21.10
8.4	21.17	21.22	21.26	21.29	21.31	21.33	21.36	21.40	21.45	21.51
8.6	21.57	21.62	21.66	21.68	21.70	21.72	21.75	21.79	21.85	21.90
8.8	21.96	22.00	22.04	22.06	22.08	22.10	22.14	22.18	22.23	22.29
9.0	22.34	22.38	22.41	22.43	22.45	22.48	22.51	22.56	22.61	22.66
9.2	22.71	22.74	22.77	22.79	22.81	22.84	22.88	22.93	22.98	23.03
9.4	23.07	23.10	23.13	23.15	23.17	23.20	23.24	23.29	23.34	23.38
9.6	23.42	23.45	23.47	23.49	23.52	23.55	23.60	23.64	23.69	23.73
9.8	23.76	23.79	23.81	23.84	23.86	23.90	23.94	23.99	24.03	24.07

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 8.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-55.74	-55.42	-55.11	-54.82	-54.54	-54.28	-54.04	-53.81	-53.59	-53.39
0.12	-53.20	-53.03	-52.87	-52.72	-52.59	-52.48	-52.38	-52.29	-52.22	-52.16
0.14	-52.11	-52.08	-52.07	-52.06	-52.07	-52.09	-52.12	-52.16	-52.20	-52.25
0.16	-52.30	-52.35	-52.39	-52.41	-52.42	-52.40	-52.35	-52.25	-52.11	-51.92
0.18	-51.67	-51.37	-51.01	-50.61	-50.16	-49.68	-49.16	-48.62	-48.07	-47.51
0.20	-46.94	-46.37	-45.80	-45.23	-44.67	-44.12	-43.58	-43.05	-42.53	-42.02
0.22	-41.52	-41.04	-40.56	-40.10	-39.64	-39.20	-38.77	-38.35	-37.94	-37.54
0.24	-37.15	-36.77	-36.40	-36.04	-35.69	-35.35	-35.02	-34.70	-34.39	-34.08
0.26	-33.79	-33.50	-33.23	-32.96	-32.70	-32.45	-32.21	-31.97	-31.75	-31.53
0.28	-31.32	-31.12	-30.93	-30.75	-30.57	-30.41	-30.25	-30.10	-29.95	-29.82
0.30	-29.70	-29.58	-29.47	-29.37	-29.28	-29.20	-29.12	-29.05	-29.00	-28.95
0.32	-28.91	-28.88	-28.85	-28.84	-28.84	-28.84	-28.86	-28.88	-28.91	-28.96
0.34	-29.01	-29.08	-29.15	-29.24	-29.34	-29.45	-29.58	-29.71	-29.86	-30.03
0.36	-30.20	-30.40	-30.61	-30.83	-31.08	-31.34	-31.62	-31.92	-32.24	-32.58
0.38	-32.94	-33.32	-33.72	-34.14	-34.57	-35.01	-35.45	-35.88	-36.27	-36.61
0.40	-36.88	-37.04	-37.08	-36.99	-36.76	-36.41	-35.96	-35.43	-34.86	-34.25
0.42	-33.64	-33.02	-32.41	-31.82	-31.25	-30.69	-30.16	-29.64	-29.15	-28.68
0.44	-28.23	-27.80	-27.38	-26.99	-26.61	-26.25	-25.90	-25.57	-25.25	-24.95
0.46	-24.66	-24.38	-24.12	-23.87	-23.63	-23.40	-23.18	-22.97	-22.77	-22.59
0.48	-22.41	-22.24	-22.08	-21.93	-21.79	-21.66	-21.54	-21.43	-21.32	-21.23
0.50	-21.14	-21.06	-20.99	-20.93	-20.88	-20.83	-20.79	-20.77	-20.75	-20.73
0.52	-20.73	-20.74	-20.75	-20.78	-20.81	-20.85	-20.90	-20.97	-21.04	-21.12
0.54	-21.21	-21.32	-21.43	-21.55	-21.69	-21.84	-22.00	-22.18	-22.37	-22.57
0.56	-22.78	-23.02	-23.26	-23.53	-23.81	-24.10	-24.42	-24.75	-25.09	-25.46
0.58	-25.84	-26.23	-26.63	-27.04	-27.45	-27.84	-28.22	-28.55	-28.84	-29.05
0.60	-29.17	-29.20	-29.11	-28.93	-28.64	-28.28	-27.86	-27.39	-26.90	-26.38
0.62	-25.87	-25.35	-24.85	-24.35	-23.88	-23.41	-22.96	-22.53	-22.12	-21.73
0.64	-21.35	-20.98	-20.64	-20.30	-19.99	-19.68	-19.39	-19.12	-18.85	-18.60
0.66	-18.36	-18.13	-17.91	-17.71	-17.51	-17.33	-17.15	-16.99	-16.83	-16.68
0.68	-16.55	-16.42	-16.30	-16.19	-16.08	-15.99	-15.91	-15.83	-15.76	-15.70
0.70	-15.65	-15.61	-15.57	-15.54	-15.53	-15.52	-15.51	-15.52	-15.54	-15.56
0.72	-15.59	-15.64	-15.69	-15.75	-15.82	-15.90	-15.99	-16.09	-16.19	-16.31
0.74	-16.44	-16.58	-16.74	-16.90	-17.07	-17.26	-17.46	-17.67	-17.89	-18.13
0.76	-18.38	-18.65	-18.92	-19.21	-19.51	-19.83	-20.15	-20.48	-20.82	-21.17
0.78	-21.51	-21.84	-22.16	-22.46	-22.73	-22.96	-23.13	-23.24	-23.28	-23.24
0.80	-23.13	-22.95	-22.70	-22.40	-22.06	-21.69	-21.29	-20.88	-20.46	-20.04
0.82	-19.62	-19.21	-18.81	-18.41	-18.03	-17.66	-17.31	-16.96	-16.63	-16.31
0.84	-16.01	-15.72	-15.44	-15.17	-14.91	-14.67	-14.44	-14.22	-14.00	-13.80
0.86	-13.61	-13.43	-13.26	-13.10	-12.95	-12.80	-12.67	-12.54	-12.43	-12.32
0.88	-12.22	-12.13	-12.05	-11.97	-11.91	-11.85	-11.80	-11.76	-11.73	-11.70
0.90	-11.68	-11.68	-11.67	-11.68	-11.70	-11.72	-11.75	-11.79	-11.84	-11.90
0.92	-11.97	-12.04	-12.13	-12.22	-12.32	-12.43	-12.55	-12.68	-12.82	-12.98
0.94	-13.14	-13.31	-13.49	-13.68	-13.88	-14.09	-14.31	-14.55	-14.79	-15.04
0.96	-15.30	-15.57	-15.85	-16.13	-16.42	-16.70	-16.98	-17.26	-17.53	-17.78
0.98	-18.00	-18.20	-18.36	-18.48	-18.55	-18.57	-18.54	-18.45	-18.31	-18.13

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 8.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	-17.90	-14.64	-11.76	-9.88	-8.88	-8.67	-9.24	-10.65	-12.84	-14.64
1.2	-13.42	-10.61	-8.32	-6.88	-6.22	-6.29	-7.10	-8.64	-10.57	-11.32
1.4	-9.63	-7.29	-5.49	-4.42	-4.06	-4.36	-5.34	-6.87	-8.30	-8.19
1.6	-6.44	-4.53	-3.13	-2.38	-2.26	-2.75	-3.80	-5.16	-5.99	-5.35
1.8	-3.74	-2.20	-1.13	-0.65	-0.73	-1.35	-2.38	-3.44	-3.73	-2.84
2.0	-1.44	-0.21	0.57	0.84	0.61	-0.07	-1.09	-1.70	-1.59	-0.64
2.2	0.55	1.50	2.05	2.14	1.81	1.14	0.39	0.02	0.39	1.29
2.4	2.27	3.00	3.35	3.31	2.92	2.31	1.78	1.69	2.17	2.99
2.6	3.77	4.31	4.51	4.38	3.98	3.48	3.16	3.26	3.79	4.49
2.8	5.11	5.49	5.57	5.39	5.02	4.64	4.50	4.72	5.24	5.83
3.0	6.30	6.55	6.56	6.35	6.04	5.79	5.78	6.07	6.54	7.03
3.2	7.38	7.54	7.48	7.28	7.04	6.91	7.00	7.31	7.73	8.12
3.4	8.37	8.45	8.37	8.19	8.02	7.98	8.14	8.45	8.81	9.12
3.6	9.29	9.32	9.23	9.08	8.98	9.01	9.20	9.50	9.80	10.04
3.8	10.15	10.15	10.06	9.95	9.91	10.00	10.20	10.47	10.72	10.90
4.0	10.97	10.94	10.86	10.79	10.81	10.93	11.13	11.37	11.58	11.71
4.2	11.74	11.71	11.64	11.61	11.66	11.81	12.01	12.22	12.38	12.47
4.4	12.49	12.45	12.40	12.41	12.49	12.64	12.83	13.01	13.14	13.20
4.6	13.20	13.16	13.14	13.17	13.28	13.43	13.61	13.76	13.86	13.90
4.8	13.89	13.86	13.86	13.91	14.03	14.18	14.34	14.47	14.54	14.56
5.0	14.55	14.53	14.55	14.63	14.75	14.90	15.04	15.14	15.20	15.20
5.2	15.19	15.19	15.22	15.31	15.44	15.58	15.70	15.78	15.82	15.82
5.4	15.81	15.82	15.88	15.97	16.10	16.23	16.33	16.40	16.42	16.42
5.6	16.42	16.44	16.51	16.61	16.73	16.85	16.94	16.99	17.00	17.00
5.8	17.01	17.04	17.11	17.22	17.34	17.44	17.51	17.55	17.56	17.56
6.0	17.58	17.62	17.70	17.81	17.92	18.01	18.07	18.10	18.10	18.11
6.2	18.13	18.19	18.27	18.38	18.47	18.55	18.60	18.62	18.63	18.64
6.4	18.68	18.74	18.82	18.92	19.01	19.08	19.11	19.13	19.14	19.16
6.6	19.20	19.27	19.36	19.45	19.52	19.58	19.61	19.63	19.64	19.67
6.8	19.71	19.79	19.87	19.95	20.02	20.07	20.09	20.11	20.13	20.16
7.0	20.21	20.28	20.36	20.44	20.50	20.54	20.56	20.58	20.60	20.64
7.2	20.70	20.77	20.84	20.91	20.96	21.00	21.02	21.03	21.06	21.11
7.4	21.17	21.24	21.31	21.37	21.41	21.44	21.46	21.48	21.51	21.56
7.6	21.62	21.69	21.75	21.81	21.84	21.87	21.89	21.92	21.95	22.00
7.8	22.06	22.13	22.19	22.23	22.27	22.29	22.31	22.34	22.38	22.43
8.0	22.49	22.55	22.61	22.65	22.68	22.70	22.72	22.76	22.80	22.85
8.2	22.91	22.97	23.02	23.05	23.08	23.10	23.13	23.16	23.21	23.26
8.4	23.32	23.37	23.41	23.44	23.47	23.49	23.52	23.56	23.60	23.66
8.6	23.71	23.76	23.80	23.83	23.85	23.87	23.90	23.94	23.99	24.04
8.8	24.09	24.14	24.17	24.20	24.22	24.25	24.28	24.32	24.37	24.42
9.0	24.47	24.51	24.54	24.56	24.58	24.61	24.64	24.69	24.73	24.78
9.2	24.83	24.86	24.89	24.92	24.94	24.97	25.00	25.05	25.09	25.14
9.4	25.18	25.21	25.24	25.26	25.29	25.32	25.35	25.40	25.44	25.49
9.6	25.52	25.55	25.58	25.60	25.63	25.66	25.70	25.74	25.78	25.82
9.8	25.86	25.89	25.91	25.93	25.96	25.99	26.03	26.07	26.12	26.15

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 9.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-53.70	-53.37	-53.07	-52.78	-52.50	-52.24	-51.99	-51.76	-51.54	-51.34
0.12	-51.15	-50.98	-50.82	-50.67	-50.54	-50.43	-50.32	-50.23	-50.16	-50.10
0.14	-50.05	-50.02	-50.00	-50.00	-50.00	-50.02	-50.05	-50.09	-50.13	-50.18
0.16	-50.23	-50.27	-50.31	-50.34	-50.35	-50.33	-50.28	-50.19	-50.05	-49.86
0.18	-49.62	-49.33	-48.98	-48.58	-48.13	-47.65	-47.14	-46.61	-46.06	-45.50
0.20	-44.93	-44.36	-43.79	-43.23	-42.67	-42.12	-41.58	-41.04	-40.52	-40.01
0.22	-39.52	-39.03	-38.55	-38.09	-37.63	-37.19	-36.76	-36.34	-35.92	-35.52
0.24	-35.13	-34.75	-34.38	-34.02	-33.67	-33.33	-33.00	-32.68	-32.37	-32.06
0.26	-31.77	-31.48	-31.20	-30.93	-30.67	-30.42	-30.18	-29.95	-29.72	-29.50
0.28	-29.29	-29.09	-28.90	-28.72	-28.54	-28.37	-28.21	-28.06	-27.92	-27.79
0.30	-27.66	-27.54	-27.43	-27.33	-27.24	-27.15	-27.08	-27.01	-26.95	-26.90
0.32	-26.86	-26.83	-26.80	-26.79	-26.78	-26.79	-26.80	-26.82	-26.86	-26.90
0.34	-26.95	-27.02	-27.09	-27.18	-27.27	-27.38	-27.50	-27.64	-27.78	-27.94
0.36	-28.12	-28.31	-28.52	-28.74	-28.98	-29.24	-29.51	-29.81	-30.12	-30.46
0.38	-30.81	-31.19	-31.58	-31.99	-32.42	-32.85	-33.28	-33.70	-34.10	-34.44
0.40	-34.72	-34.90	-34.96	-34.89	-34.69	-34.36	-33.93	-33.43	-32.87	-32.27
0.42	-31.67	-31.06	-30.45	-29.86	-29.29	-28.73	-28.20	-27.69	-27.19	-26.72
0.44	-26.27	-25.83	-25.42	-25.02	-24.64	-24.27	-23.93	-23.59	-23.27	-22.97
0.46	-22.68	-22.40	-22.13	-21.88	-21.64	-21.41	-21.19	-20.98	-20.78	-20.59
0.48	-20.41	-20.24	-20.08	-19.93	-19.79	-19.66	-19.54	-19.42	-19.32	-19.22
0.50	-19.13	-19.05	-18.98	-18.91	-18.86	-18.81	-18.77	-18.74	-18.72	-18.71
0.52	-18.70	-18.71	-18.72	-18.74	-18.77	-18.81	-18.86	-18.92	-18.99	-19.07
0.54	-19.16	-19.26	-19.37	-19.49	-19.62	-19.77	-19.93	-20.10	-20.28	-20.48
0.56	-20.69	-20.91	-21.15	-21.41	-21.68	-21.97	-22.27	-22.60	-22.93	-23.29
0.58	-23.65	-24.03	-24.42	-24.82	-25.21	-25.60	-25.97	-26.30	-26.59	-26.81
0.60	-26.95	-26.99	-26.94	-26.78	-26.54	-26.21	-25.81	-25.37	-24.90	-24.40
0.62	-23.90	-23.40	-22.90	-22.41	-21.94	-21.48	-21.03	-20.60	-20.19	-19.79
0.64	-19.41	-19.05	-18.70	-18.37	-18.05	-17.74	-17.45	-17.17	-16.91	-16.66
0.66	-16.41	-16.18	-15.96	-15.76	-15.56	-15.37	-15.19	-15.03	-14.87	-14.72
0.68	-14.58	-14.45	-14.33	-14.21	-14.11	-14.01	-13.93	-13.85	-13.78	-13.72
0.70	-13.66	-13.62	-13.58	-13.55	-13.53	-13.52	-13.51	-13.52	-13.53	-13.55
0.72	-13.58	-13.62	-13.67	-13.72	-13.79	-13.86	-13.95	-14.04	-14.15	-14.26
0.74	-14.39	-14.52	-14.67	-14.82	-14.99	-15.17	-15.36	-15.57	-15.78	-16.01
0.76	-16.25	-16.51	-16.77	-17.05	-17.34	-17.64	-17.95	-18.27	-18.59	-18.92
0.78	-19.24	-19.56	-19.87	-20.16	-20.42	-20.65	-20.83	-20.95	-21.00	-20.99
0.80	-20.91	-20.76	-20.55	-20.29	-19.98	-19.63	-19.26	-18.87	-18.47	-18.07
0.82	-17.67	-17.27	-16.87	-16.49	-16.11	-15.75	-15.39	-15.05	-14.72	-14.41
0.84	-14.10	-13.81	-13.53	-13.26	-13.01	-12.76	-12.53	-12.30	-12.09	-11.89
0.86	-11.70	-11.51	-11.34	-11.18	-11.02	-10.88	-10.74	-10.62	-10.50	-10.39
0.88	-10.29	-10.19	-10.11	-10.03	-9.96	-9.90	-9.85	-9.81	-9.77	-9.74
0.90	-9.72	-9.71	-9.70	-9.71	-9.72	-9.74	-9.77	-9.80	-9.85	-9.90
0.92	-9.96	-10.03	-10.11	-10.20	-10.29	-10.40	-10.51	-10.64	-10.77	-10.91
0.94	-11.06	-11.23	-11.40	-11.58	-11.77	-11.97	-12.18	-12.40	-12.63	-12.87
0.96	-13.11	-13.37	-13.63	-13.89	-14.16	-14.43	-14.69	-14.96	-15.21	-15.44
0.98	-15.66	-15.85	-16.01	-16.14	-16.22	-16.25	-16.24	-16.18	-16.07	-15.92

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 9.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	-15.73	-12.71	-9.88	-8.00	-6.97	-6.72	-7.23	-8.54	-10.57	-12.27
1.2	-11.30	-8.70	-6.47	-5.02	-4.33	-4.35	-5.07	-6.48	-8.23	-8.98
1.4	-7.57	-5.41	-3.66	-2.59	-2.18	-2.42	-3.28	-4.63	-5.91	-5.91
1.6	-4.44	-2.67	-1.32	-0.55	-0.38	-0.78	-1.69	-2.86	-3.61	-3.15
1.8	-1.78	-0.36	0.66	1.17	1.16	0.66	-0.21	-1.10	-1.38	-0.71
2.0	0.49	1.61	2.36	2.67	2.52	1.98	1.23	0.65	0.69	1.43
2.2	2.44	3.31	3.85	3.99	3.76	3.24	2.65	2.35	2.60	3.31
2.4	4.14	4.80	5.16	5.18	4.91	4.46	4.05	3.97	4.32	4.97
2.6	5.63	6.12	6.34	6.29	6.02	5.66	5.42	5.48	5.87	6.44
2.8	6.96	7.31	7.43	7.33	7.08	6.83	6.72	6.89	7.28	7.75
3.0	8.16	8.40	8.45	8.33	8.13	7.96	7.97	8.18	8.55	8.94
3.2	9.25	9.41	9.41	9.29	9.14	9.06	9.14	9.38	9.71	10.03
3.4	10.25	10.35	10.32	10.22	10.12	10.11	10.24	10.48	10.77	11.03
3.6	11.19	11.24	11.20	11.12	11.07	11.11	11.27	11.50	11.75	11.95
3.8	12.07	12.09	12.05	11.99	11.98	12.06	12.23	12.45	12.67	12.82
4.0	12.90	12.90	12.86	12.83	12.85	12.96	13.14	13.34	13.52	13.64
4.2	13.69	13.68	13.65	13.64	13.69	13.82	13.99	14.18	14.33	14.42
4.4	14.44	14.43	14.41	14.42	14.50	14.63	14.80	14.96	15.08	15.15
4.6	15.16	15.15	15.14	15.17	15.27	15.41	15.56	15.71	15.80	15.85
4.8	15.85	15.84	15.85	15.90	16.00	16.14	16.29	16.41	16.49	16.52
5.0	16.52	16.51	16.53	16.60	16.71	16.84	16.98	17.08	17.14	17.16
5.2	17.16	17.16	17.20	17.27	17.39	17.51	17.63	17.72	17.76	17.78
5.4	17.78	17.79	17.84	17.92	18.03	18.15	18.26	18.33	18.36	18.37
5.6	18.38	18.40	18.46	18.55	18.65	18.76	18.85	18.91	18.94	18.95
5.8	18.96	18.99	19.05	19.15	19.25	19.35	19.42	19.47	19.49	19.50
6.0	19.52	19.56	19.63	19.72	19.82	19.91	19.97	20.01	20.03	20.04
6.2	20.07	20.12	20.19	20.28	20.37	20.45	20.50	20.53	20.55	20.57
6.4	20.60	20.66	20.73	20.82	20.90	20.96	21.01	21.03	21.05	21.08
6.6	21.12	21.18	21.25	21.33	21.40	21.46	21.50	21.52	21.54	21.57
6.8	21.62	21.68	21.75	21.83	21.89	21.94	21.97	22.00	22.02	22.05
7.0	22.10	22.17	22.24	22.31	22.36	22.41	22.44	22.46	22.48	22.52
7.2	22.57	22.64	22.70	22.77	22.82	22.86	22.88	22.91	22.94	22.98
7.4	23.03	23.09	23.16	23.21	23.26	23.29	23.32	23.34	23.37	23.42
7.6	23.47	23.54	23.60	23.65	23.69	23.72	23.74	23.77	23.80	23.85
7.8	23.90	23.96	24.02	24.07	24.10	24.13	24.15	24.18	24.22	24.27
8.0	24.32	24.38	24.43	24.47	24.50	24.53	24.55	24.58	24.62	24.67
8.2	24.73	24.78	24.83	24.87	24.89	24.92	24.94	24.98	25.02	25.07
8.4	25.12	25.17	25.21	25.25	25.27	25.30	25.32	25.36	25.40	25.45
8.6	25.50	25.55	25.59	25.62	25.64	25.67	25.70	25.73	25.78	25.82
8.8	25.87	25.92	25.95	25.98	26.00	26.03	26.06	26.10	26.14	26.19
9.0	26.23	26.27	26.31	26.33	26.36	26.38	26.41	26.45	26.49	26.54
9.2	26.58	26.62	26.65	26.67	26.70	26.73	26.76	26.80	26.84	26.88
9.4	26.92	26.96	26.99	27.01	27.03	27.06	27.09	27.13	27.18	27.22
9.6	27.25	27.29	27.31	27.34	27.36	27.39	27.42	27.46	27.50	27.54
9.8	27.58	27.61	27.63	27.65	27.68	27.71	27.74	27.78	27.82	27.86

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 10.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-51.87	-51.55	-51.24	-50.95	-50.67	-50.41	-50.16	-49.93	-49.71	-49.51
0.12	-49.32	-49.14	-48.98	-48.84	-48.70	-48.59	-48.48	-48.39	-48.32	-48.26
0.14	-48.21	-48.18	-48.16	-48.15	-48.15	-48.17	-48.19	-48.23	-48.27	-48.32
0.16	-48.37	-48.41	-48.45	-48.48	-48.49	-48.47	-48.43	-48.34	-48.21	-48.02
0.18	-47.79	-47.50	-47.15	-46.76	-46.32	-45.85	-45.34	-44.81	-44.26	-43.70
0.20	-43.14	-42.57	-42.00	-41.44	-40.88	-40.33	-39.79	-39.26	-38.74	-38.23
0.22	-37.73	-37.24	-36.76	-36.30	-35.84	-35.40	-34.96	-34.54	-34.13	-33.73
0.24	-33.34	-32.96	-32.59	-32.23	-31.88	-31.53	-31.20	-30.88	-30.56	-30.26
0.26	-29.96	-29.68	-29.40	-29.13	-28.87	-28.62	-28.37	-28.14	-27.91	-27.69
0.28	-27.48	-27.28	-27.09	-26.90	-26.73	-26.56	-26.40	-26.25	-26.10	-25.97
0.30	-25.84	-25.72	-25.61	-25.51	-25.42	-25.33	-25.25	-25.18	-25.12	-25.07
0.32	-25.03	-25.00	-24.97	-24.96	-24.95	-24.95	-24.96	-24.98	-25.01	-25.06
0.34	-25.11	-25.17	-25.24	-25.32	-25.42	-25.52	-25.64	-25.77	-25.92	-26.08
0.36	-26.25	-26.43	-26.64	-26.86	-27.09	-27.34	-27.61	-27.90	-28.21	-28.54
0.38	-28.89	-29.26	-29.64	-30.04	-30.46	-30.89	-31.31	-31.73	-32.12	-32.47
0.40	-32.76	-32.95	-33.03	-32.99	-32.82	-32.52	-32.12	-31.64	-31.09	-30.52
0.42	-29.92	-29.32	-28.72	-28.13	-27.56	-27.00	-26.47	-25.95	-25.46	-24.98
0.44	-24.53	-24.09	-23.67	-23.28	-22.89	-22.53	-22.18	-21.84	-21.52	-21.21
0.46	-20.92	-20.64	-20.37	-20.12	-19.87	-19.64	-19.42	-19.21	-19.01	-18.82
0.48	-18.64	-18.47	-18.31	-18.15	-18.01	-17.88	-17.75	-17.64	-17.53	-17.43
0.50	-17.34	-17.26	-17.18	-17.12	-17.06	-17.01	-16.97	-16.94	-16.91	-16.90
0.52	-16.89	-16.89	-16.90	-16.92	-16.95	-16.99	-17.04	-17.09	-17.16	-17.23
0.54	-17.32	-17.41	-17.52	-17.64	-17.77	-17.91	-18.06	-18.23	-18.41	-18.60
0.56	-18.80	-19.02	-19.25	-19.50	-19.77	-20.05	-20.34	-20.65	-20.98	-21.32
0.58	-21.68	-22.04	-22.42	-22.80	-23.19	-23.56	-23.92	-24.25	-24.54	-24.76
0.60	-24.92	-24.99	-24.96	-24.84	-24.63	-24.33	-23.97	-23.56	-23.11	-22.64
0.62	-22.15	-21.66	-21.17	-20.69	-20.22	-19.77	-19.32	-18.90	-18.48	-18.09
0.64	-17.71	-17.34	-17.00	-16.66	-16.34	-16.03	-15.74	-15.46	-15.19	-14.94
0.66	-14.70	-14.46	-14.24	-14.03	-13.83	-13.64	-13.46	-13.29	-13.13	-12.98
0.68	-12.84	-12.71	-12.58	-12.47	-12.36	-12.26	-12.17	-12.09	-12.02	-11.96
0.70	-11.90	-11.85	-11.81	-11.78	-11.75	-11.74	-11.73	-11.73	-11.74	-11.76
0.72	-11.79	-11.82	-11.87	-11.92	-11.98	-12.05	-12.13	-12.22	-12.32	-12.43
0.74	-12.55	-12.68	-12.82	-12.97	-13.13	-13.30	-13.48	-13.68	-13.88	-14.10
0.76	-14.33	-14.57	-14.83	-15.09	-15.37	-15.65	-15.95	-16.25	-16.56	-16.87
0.78	-17.18	-17.49	-17.78	-18.06	-18.32	-18.54	-18.72	-18.85	-18.93	-18.94
0.80	-18.89	-18.77	-18.60	-18.37	-18.09	-17.78	-17.44	-17.07	-16.70	-16.31
0.82	-15.92	-15.54	-15.16	-14.78	-14.41	-14.05	-13.70	-13.37	-13.04	-12.73
0.84	-12.42	-12.13	-11.85	-11.59	-11.33	-11.08	-10.85	-10.62	-10.41	-10.21
0.86	-10.01	-9.83	-9.65	-9.49	-9.33	-9.18	-9.05	-8.92	-8.80	-8.68
0.88	-8.58	-8.48	-8.40	-8.32	-8.24	-8.18	-8.12	-8.08	-8.04	-8.01
0.90	-7.98	-7.97	-7.96	-7.96	-7.96	-7.98	-8.00	-8.03	-8.07	-8.12
0.92	-8.18	-8.24	-8.32	-8.40	-8.49	-8.58	-8.69	-8.81	-8.93	-9.07
0.94	-9.21	-9.36	-9.52	-9.69	-9.87	-10.06	-10.26	-10.47	-10.68	-10.91
0.96	-11.14	-11.37	-11.62	-11.86	-12.11	-12.36	-12.61	-12.86	-13.09	-13.32
0.98	-13.52	-13.71	-13.87	-13.99	-14.08	-14.13	-14.14	-14.11	-14.03	-13.91

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 10.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	-13.75	-10.99	-8.23	-6.34	-5.29	-5.00	-5.45	-6.65	-8.51	-10.10
1.2	-9.38	-7.00	-4.84	-3.40	-2.67	-2.64	-3.27	-4.53	-6.10	-6.84
1.4	-5.71	-3.73	-2.05	-0.98	-0.53	-0.70	-1.44	-2.62	-3.75	-3.84
1.6	-2.62	-1.02	0.27	1.05	1.27	0.96	0.20	-0.80	-1.46	-1.15
1.8	-0.01	1.27	2.25	2.77	2.82	2.44	1.73	0.99	0.72	1.23
2.0	2.22	3.23	3.95	4.28	4.21	3.80	3.21	2.74	2.74	3.31
2.2	4.15	4.92	5.44	5.62	5.48	5.09	4.65	4.40	4.58	5.13
2.4	5.83	6.41	6.77	6.84	6.67	6.34	6.05	5.98	6.24	6.75
2.6	7.31	7.75	7.98	7.98	7.81	7.56	7.39	7.44	7.74	8.19
2.8	8.63	8.95	9.09	9.05	8.90	8.73	8.67	8.80	9.10	9.49
3.0	9.83	10.06	10.14	10.08	9.95	9.85	9.87	10.05	10.34	10.66
3.2	10.93	11.09	11.12	11.06	10.97	10.93	11.00	11.20	11.47	11.74
3.4	11.95	12.05	12.06	12.00	11.94	11.95	12.07	12.27	12.52	12.74
3.6	12.90	12.96	12.95	12.90	12.88	12.93	13.07	13.27	13.49	13.67
3.8	13.79	13.82	13.80	13.77	13.78	13.85	14.01	14.20	14.40	14.54
4.0	14.63	14.64	14.62	14.61	14.64	14.73	14.89	15.08	15.24	15.36
4.2	15.42	15.42	15.41	15.41	15.46	15.57	15.73	15.90	16.04	16.14
4.4	16.17	16.17	16.16	16.18	16.25	16.37	16.52	16.67	16.80	16.87
4.6	16.89	16.89	16.89	16.92	17.00	17.13	17.27	17.41	17.51	17.56
4.8	17.58	17.58	17.59	17.63	17.72	17.85	17.98	18.10	18.19	18.23
5.0	18.24	18.24	18.26	18.32	18.42	18.54	18.66	18.76	18.83	18.86
5.2	18.87	18.88	18.92	18.98	19.08	19.20	19.31	19.39	19.45	19.47
5.4	19.48	19.50	19.54	19.62	19.72	19.82	19.92	19.99	20.04	20.06
5.6	20.08	20.10	20.15	20.23	20.32	20.42	20.51	20.57	20.61	20.63
5.8	20.65	20.68	20.74	20.82	20.91	21.00	21.07	21.12	21.15	21.17
6.0	21.20	21.24	21.30	21.38	21.47	21.55	21.61	21.65	21.68	21.70
6.2	21.73	21.78	21.84	21.92	22.00	22.07	22.13	22.17	22.19	22.22
6.4	22.25	22.30	22.37	22.44	22.52	22.58	22.63	22.66	22.69	22.71
6.6	22.75	22.80	22.87	22.94	23.01	23.07	23.11	23.14	23.16	23.19
6.8	23.24	23.29	23.36	23.43	23.49	23.54	23.58	23.60	23.63	23.66
7.0	23.71	23.76	23.83	23.89	23.95	23.99	24.03	24.05	24.08	24.11
7.2	24.16	24.22	24.28	24.34	24.39	24.43	24.46	24.49	24.51	24.55
7.4	24.60	24.66	24.72	24.78	24.82	24.86	24.88	24.91	24.94	24.98
7.6	25.03	25.09	25.14	25.19	25.24	25.27	25.29	25.32	25.35	25.39
7.8	25.44	25.50	25.55	25.60	25.64	25.66	25.69	25.72	25.75	25.79
8.0	25.84	25.90	25.95	25.99	26.02	26.05	26.08	26.10	26.14	26.18
8.2	26.23	26.28	26.33	26.37	26.40	26.42	26.45	26.48	26.52	26.56
8.4	26.61	26.66	26.70	26.74	26.76	26.79	26.81	26.85	26.88	26.93
8.6	26.97	27.02	27.06	27.09	27.12	27.14	27.17	27.20	27.24	27.28
8.8	27.33	27.37	27.41	27.44	27.46	27.49	27.51	27.55	27.59	27.63
9.0	27.67	27.71	27.74	27.77	27.80	27.82	27.85	27.88	27.92	27.96
9.2	28.00	28.04	28.07	28.10	28.12	28.15	28.17	28.21	28.25	28.29
9.4	28.33	28.36	28.39	28.41	28.44	28.46	28.49	28.53	28.57	28.60
9.6	28.64	28.67	28.70	28.72	28.74	28.77	28.80	28.84	28.87	28.91
9.8	28.94	28.97	29.00	29.02	29.04	29.07	29.10	29.14	29.17	29.21

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 11.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-50.22	-49.90	-49.59	-49.30	-49.02	-48.76	-48.51	-48.27	-48.06	-47.85
0.12	-47.66	-47.48	-47.32	-47.18	-47.04	-46.92	-46.82	-46.73	-46.65	-46.59
0.14	-46.54	-46.50	-46.48	-46.47	-46.47	-46.49	-46.51	-46.55	-46.59	-46.63
0.16	-46.68	-46.73	-46.77	-46.79	-46.80	-46.79	-46.74	-46.66	-46.53	-46.36
0.18	-46.13	-45.84	-45.51	-45.12	-44.69	-44.22	-43.72	-43.19	-42.65	-42.09
0.20	-41.53	-40.96	-40.39	-39.83	-39.27	-38.72	-38.18	-37.65	-37.13	-36.62
0.22	-36.12	-35.63	-35.15	-34.69	-34.23	-33.79	-33.35	-32.93	-32.52	-32.11
0.24	-31.72	-31.34	-30.97	-30.61	-30.26	-29.91	-29.58	-29.26	-28.94	-28.64
0.26	-28.34	-28.05	-27.77	-27.50	-27.24	-26.99	-26.74	-26.51	-26.28	-26.06
0.28	-25.85	-25.65	-25.45	-25.27	-25.09	-24.92	-24.76	-24.60	-24.46	-24.32
0.30	-24.20	-24.08	-23.97	-23.86	-23.77	-23.68	-23.60	-23.53	-23.47	-23.42
0.32	-23.38	-23.34	-23.31	-23.30	-23.29	-23.29	-23.30	-23.32	-23.35	-23.38
0.34	-23.43	-23.49	-23.56	-23.64	-23.74	-23.84	-23.96	-24.08	-24.22	-24.38
0.36	-24.55	-24.73	-24.93	-25.14	-25.37	-25.62	-25.88	-26.17	-26.47	-26.79
0.38	-27.13	-27.49	-27.87	-28.26	-28.67	-29.09	-29.51	-29.92	-30.31	-30.66
0.40	-30.96	-31.17	-31.27	-31.25	-31.11	-30.85	-30.47	-30.02	-29.50	-28.93
0.42	-28.35	-27.76	-27.16	-26.58	-26.01	-25.45	-24.92	-24.40	-23.91	-23.43
0.44	-22.97	-22.54	-22.12	-21.72	-21.33	-20.96	-20.61	-20.27	-19.95	-19.64
0.46	-19.35	-19.07	-18.80	-18.54	-18.29	-18.06	-17.83	-17.62	-17.42	-17.23
0.48	-17.04	-16.87	-16.71	-16.55	-16.41	-16.27	-16.15	-16.03	-15.92	-15.82
0.50	-15.73	-15.64	-15.57	-15.50	-15.44	-15.39	-15.34	-15.31	-15.28	-15.27
0.52	-15.26	-15.26	-15.26	-15.28	-15.31	-15.34	-15.38	-15.44	-15.50	-15.57
0.54	-15.65	-15.75	-15.85	-15.96	-16.09	-16.22	-16.37	-16.53	-16.70	-16.89
0.56	-17.09	-17.30	-17.52	-17.77	-18.02	-18.29	-18.58	-18.88	-19.19	-19.52
0.58	-19.86	-20.22	-20.58	-20.95	-21.32	-21.68	-22.03	-22.36	-22.64	-22.88
0.60	-23.04	-23.13	-23.14	-23.05	-22.87	-22.62	-22.29	-21.91	-21.49	-21.04
0.62	-20.57	-20.10	-19.62	-19.15	-18.69	-18.24	-17.80	-17.37	-16.96	-16.57
0.64	-16.19	-15.83	-15.48	-15.14	-14.82	-14.51	-14.22	-13.93	-13.66	-13.41
0.66	-13.16	-12.93	-12.71	-12.49	-12.29	-12.10	-11.92	-11.75	-11.58	-11.43
0.68	-11.29	-11.15	-11.02	-10.91	-10.80	-10.70	-10.60	-10.52	-10.45	-10.38
0.70	-10.32	-10.27	-10.22	-10.19	-10.16	-10.14	-10.13	-10.13	-10.14	-10.15
0.72	-10.17	-10.20	-10.24	-10.29	-10.35	-10.42	-10.49	-10.57	-10.67	-10.77
0.74	-10.88	-11.01	-11.14	-11.28	-11.44	-11.60	-11.78	-11.96	-12.16	-12.37
0.76	-12.58	-12.81	-13.06	-13.31	-13.57	-13.84	-14.12	-14.41	-14.70	-14.99
0.78	-15.29	-15.58	-15.86	-16.13	-16.37	-16.59	-16.77	-16.91	-17.00	-17.04
0.80	-17.01	-16.93	-16.79	-16.59	-16.36	-16.08	-15.77	-15.43	-15.08	-14.72
0.82	-14.35	-13.98	-13.61	-13.25	-12.89	-12.54	-12.20	-11.86	-11.54	-11.23
0.84	-10.93	-10.64	-10.36	-10.10	-9.84	-9.59	-9.36	-9.13	-8.92	-8.71
0.86	-8.52	-8.33	-8.15	-7.99	-7.83	-7.68	-7.54	-7.40	-7.28	-7.17
0.88	-7.06	-6.96	-6.87	-6.79	-6.71	-6.65	-6.59	-6.54	-6.49	-6.46
0.90	-6.43	-6.41	-6.40	-6.39	-6.39	-6.40	-6.42	-6.45	-6.48	-6.53
0.92	-6.58	-6.63	-6.70	-6.78	-6.86	-6.95	-7.05	-7.16	-7.27	-7.40
0.94	-7.53	-7.67	-7.82	-7.98	-8.15	-8.33	-8.51	-8.71	-8.91	-9.12
0.96	-9.33	-9.55	-9.78	-10.01	-10.24	-10.47	-10.70	-10.93	-11.15	-11.36
0.98	-11.56	-11.73	-11.89	-12.01	-12.11	-12.17	-12.20	-12.18	-12.13	-12.04

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 11.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	-11.91	-9.43	-6.76	-4.88	-3.80	-3.47	-3.85	-4.94	-6.64	-8.11
1.2	-7.61	-5.46	-3.39	-1.95	-1.20	-1.11	-1.65	-2.77	-4.16	-4.88
1.4	-3.99	-2.22	-0.62	0.45	0.93	0.84	0.21	-0.81	-1.79	-1.93
1.6	-0.95	0.47	1.69	2.46	2.73	2.52	1.89	1.06	0.49	0.69
1.8	1.62	2.75	3.66	4.19	4.30	4.02	3.46	2.86	2.62	2.99
2.0	3.81	4.69	5.37	5.71	5.71	5.42	4.96	4.59	4.58	5.02
2.2	5.71	6.39	6.87	7.08	7.01	6.74	6.41	6.23	6.36	6.80
2.4	7.37	7.88	8.22	8.33	8.24	8.01	7.80	7.76	7.97	8.37
2.6	8.84	9.22	9.45	9.50	9.40	9.23	9.12	9.18	9.42	9.78
2.8	10.16	10.45	10.59	10.60	10.51	10.40	10.37	10.49	10.74	11.06
3.0	11.36	11.57	11.66	11.64	11.57	11.51	11.54	11.69	11.94	12.22
3.2	12.46	12.61	12.66	12.64	12.58	12.57	12.64	12.82	13.05	13.29
3.4	13.48	13.59	13.61	13.58	13.55	13.57	13.68	13.86	14.08	14.29
3.6	14.44	14.51	14.51	14.49	14.48	14.52	14.65	14.83	15.04	15.21
3.8	15.33	15.37	15.37	15.35	15.36	15.43	15.57	15.75	15.93	16.08
4.0	16.16	16.19	16.18	16.18	16.20	16.29	16.44	16.61	16.77	16.89
4.2	16.95	16.97	16.96	16.97	17.01	17.11	17.26	17.41	17.55	17.65
4.4	17.70	17.71	17.71	17.73	17.79	17.89	18.03	18.18	18.30	18.38
4.6	18.41	18.42	18.43	18.46	18.53	18.64	18.77	18.90	19.00	19.06
4.8	19.09	19.10	19.12	19.16	19.24	19.35	19.47	19.58	19.67	19.72
5.0	19.74	19.75	19.78	19.83	19.91	20.02	20.13	20.23	20.30	20.34
5.2	20.36	20.38	20.41	20.47	20.56	20.66	20.76	20.85	20.91	20.94
5.4	20.96	20.99	21.03	21.09	21.18	21.28	21.37	21.44	21.49	21.52
5.6	21.54	21.57	21.62	21.68	21.77	21.86	21.94	22.00	22.05	22.07
5.8	22.10	22.13	22.18	22.25	22.34	22.42	22.49	22.54	22.58	22.61
6.0	22.63	22.67	22.73	22.80	22.88	22.96	23.02	23.06	23.10	23.12
6.2	23.15	23.19	23.25	23.32	23.40	23.47	23.52	23.56	23.59	23.62
6.4	23.65	23.70	23.76	23.83	23.90	23.96	24.01	24.04	24.07	24.10
6.6	24.13	24.18	24.24	24.31	24.38	24.43	24.48	24.51	24.53	24.56
6.8	24.60	24.65	24.71	24.78	24.84	24.89	24.92	24.95	24.98	25.01
7.0	25.05	25.10	25.16	25.22	25.28	25.32	25.36	25.38	25.41	25.44
7.2	25.48	25.54	25.60	25.65	25.70	25.74	25.77	25.80	25.83	25.86
7.4	25.90	25.96	26.01	26.07	26.11	26.15	26.18	26.20	26.23	26.27
7.6	26.31	26.36	26.42	26.47	26.51	26.54	26.57	26.59	26.62	26.66
7.8	26.70	26.75	26.80	26.85	26.89	26.92	26.94	26.97	27.00	27.04
8.0	27.08	27.13	27.18	27.22	27.25	27.28	27.31	27.33	27.37	27.40
8.2	27.45	27.50	27.54	27.58	27.61	27.63	27.66	27.69	27.72	27.76
8.4	27.80	27.85	27.89	27.92	27.95	27.98	28.00	28.03	28.06	28.10
8.6	28.14	28.19	28.22	28.26	28.28	28.31	28.33	28.36	28.39	28.43
8.8	28.47	28.51	28.55	28.58	28.60	28.62	28.65	28.68	28.71	28.75
9.0	28.79	28.83	28.86	28.89	28.91	28.93	28.96	28.99	29.02	29.06
9.2	29.10	29.13	29.16	29.19	29.21	29.23	29.26	29.29	29.32	29.36
9.4	29.40	29.43	29.46	29.48	29.50	29.52	29.55	29.58	29.61	29.65
9.6	29.68	29.71	29.74	29.76	29.78	29.80	29.83	29.86	29.89	29.93
9.8	29.96	29.99	30.01	30.03	30.05	30.07	30.10	30.13	30.17	30.20

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 12.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-48.72	-48.39	-48.08	-47.79	-47.51	-47.25	-47.00	-46.76	-46.54	-46.34
0.12	-46.15	-45.97	-45.81	-45.66	-45.52	-45.40	-45.29	-45.20	-45.12	-45.06
0.14	-45.01	-44.97	-44.95	-44.94	-44.94	-44.95	-44.97	-45.00	-45.04	-45.09
0.16	-45.13	-45.18	-45.22	-45.25	-45.26	-45.25	-45.20	-45.13	-45.00	-44.83
0.18	-44.61	-44.33	-44.00	-43.62	-43.20	-42.74	-42.24	-41.72	-41.18	-40.63
0.20	-40.06	-39.50	-38.93	-38.37	-37.82	-37.27	-36.73	-36.19	-35.67	-35.16
0.22	-34.66	-34.17	-33.69	-33.22	-32.77	-32.32	-31.89	-31.46	-31.05	-30.65
0.24	-30.25	-29.87	-29.50	-29.14	-28.78	-28.44	-28.11	-27.78	-27.46	-27.16
0.26	-26.86	-26.57	-26.29	-26.02	-25.76	-25.50	-25.26	-25.02	-24.79	-24.57
0.28	-24.36	-24.16	-23.96	-23.77	-23.60	-23.43	-23.26	-23.11	-22.96	-22.83
0.30	-22.70	-22.58	-22.46	-22.36	-22.26	-22.18	-22.10	-22.03	-21.96	-21.91
0.32	-21.86	-21.83	-21.80	-21.78	-21.77	-21.77	-21.78	-21.79	-21.82	-21.86
0.34	-21.90	-21.96	-22.03	-22.11	-22.20	-22.30	-22.41	-22.53	-22.67	-22.82
0.36	-22.99	-23.17	-23.36	-23.57	-23.79	-24.04	-24.29	-24.57	-24.87	-25.18
0.38	-25.51	-25.86	-26.23	-26.62	-27.02	-27.43	-27.84	-28.25	-28.63	-28.99
0.40	-29.29	-29.51	-29.64	-29.65	-29.54	-29.31	-28.97	-28.54	-28.04	-27.50
0.42	-26.93	-26.34	-25.76	-25.18	-24.61	-24.06	-23.52	-23.01	-22.51	-22.03
0.44	-21.57	-21.13	-20.71	-20.31	-19.92	-19.55	-19.20	-18.86	-18.53	-18.22
0.46	-17.93	-17.64	-17.37	-17.11	-16.86	-16.62	-16.40	-16.18	-15.98	-15.79
0.48	-15.60	-15.43	-15.26	-15.11	-14.96	-14.82	-14.69	-14.57	-14.46	-14.36
0.50	-14.26	-14.18	-14.10	-14.03	-13.97	-13.91	-13.87	-13.83	-13.80	-13.78
0.52	-13.77	-13.77	-13.77	-13.79	-13.81	-13.84	-13.88	-13.93	-13.99	-14.06
0.54	-14.14	-14.22	-14.32	-14.43	-14.55	-14.68	-14.82	-14.98	-15.14	-15.32
0.56	-15.51	-15.72	-15.94	-16.17	-16.41	-16.67	-16.95	-17.24	-17.54	-17.86
0.58	-18.19	-18.53	-18.88	-19.23	-19.59	-19.94	-20.28	-20.60	-20.88	-21.12
0.60	-21.30	-21.41	-21.44	-21.38	-21.24	-21.02	-20.74	-20.39	-20.00	-19.58
0.62	-19.13	-18.68	-18.21	-17.76	-17.30	-16.86	-16.42	-16.00	-15.60	-15.20
0.64	-14.82	-14.46	-14.11	-13.77	-13.45	-13.14	-12.85	-12.56	-12.29	-12.03
0.66	-11.78	-11.55	-11.32	-11.11	-10.90	-10.71	-10.53	-10.35	-10.19	-10.03
0.68	-9.89	-9.75	-9.62	-9.50	-9.39	-9.28	-9.19	-9.10	-9.02	-8.95
0.70	-8.89	-8.84	-8.79	-8.75	-8.72	-8.70	-8.68	-8.68	-8.68	-8.69
0.72	-8.71	-8.74	-8.77	-8.81	-8.87	-8.93	-9.00	-9.08	-9.16	-9.26
0.74	-9.37	-9.48	-9.61	-9.74	-9.89	-10.05	-10.21	-10.39	-10.57	-10.77
0.76	-10.98	-11.20	-11.43	-11.66	-11.91	-12.17	-12.43	-12.70	-12.98	-13.26
0.78	-13.53	-13.81	-14.08	-14.33	-14.57	-14.78	-14.96	-15.11	-15.21	-15.26
0.80	-15.26	-15.21	-15.10	-14.94	-14.74	-14.50	-14.22	-13.92	-13.60	-13.26
0.82	-12.91	-12.56	-12.21	-11.86	-11.51	-11.17	-10.84	-10.51	-10.19	-9.89
0.84	-9.59	-9.30	-9.02	-8.76	-8.50	-8.26	-8.02	-7.79	-7.58	-7.37
0.86	-7.17	-6.99	-6.81	-6.64	-6.48	-6.33	-6.18	-6.05	-5.92	-5.81
0.88	-5.70	-5.59	-5.50	-5.41	-5.34	-5.27	-5.20	-5.15	-5.10	-5.06
0.90	-5.03	-5.00	-4.99	-4.98	-4.98	-4.98	-5.00	-5.02	-5.05	-5.08
0.92	-5.13	-5.18	-5.24	-5.31	-5.38	-5.46	-5.56	-5.66	-5.76	-5.88
0.94	-6.00	-6.13	-6.27	-6.42	-6.58	-6.74	-6.91	-7.09	-7.28	-7.47
0.96	-7.67	-7.88	-8.09	-8.30	-8.51	-8.73	-8.94	-9.15	-9.36	-9.55
0.98	-9.73	-9.90	-10.05	-10.18	-10.28	-10.35	-10.39	-10.39	-10.36	-10.30

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 12.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	-10.20	-8.00	-5.44	-3.57	-2.47	-2.09	-2.40	-3.38	-4.91	-6.27
1.2	-5.95	-4.06	-2.08	-0.67	0.11	0.26	-0.19	-1.17	-2.39	-3.07
1.4	-2.39	-0.83	0.67	1.72	2.24	2.21	1.70	0.84	-0.00	-0.18
1.6	0.60	1.84	2.98	3.74	4.05	3.91	3.41	2.74	2.25	2.37
1.8	3.12	4.10	4.95	5.48	5.63	5.45	5.01	4.54	4.34	4.61
2.0	5.28	6.04	6.66	7.01	7.07	6.87	6.54	6.25	6.24	6.58
2.2	7.15	7.74	8.18	8.40	8.40	8.22	7.99	7.85	7.96	8.31
2.4	8.79	9.24	9.55	9.68	9.65	9.50	9.36	9.34	9.51	9.85
2.6	10.24	10.59	10.81	10.88	10.83	10.72	10.66	10.71	10.92	11.23
2.8	11.56	11.82	11.97	12.00	11.95	11.88	11.87	11.98	12.20	12.48
3.0	12.75	12.95	13.05	13.05	13.01	12.98	13.02	13.16	13.38	13.63
3.2	13.85	14.00	14.06	14.05	14.02	14.02	14.09	14.25	14.46	14.69
3.4	14.87	14.98	15.02	15.00	14.98	15.00	15.10	15.27	15.47	15.67
3.6	15.82	15.90	15.91	15.90	15.89	15.94	16.05	16.22	16.41	16.58
3.8	16.70	16.76	16.77	16.76	16.77	16.83	16.95	17.11	17.29	17.43
4.0	17.53	17.57	17.57	17.57	17.60	17.67	17.80	17.96	18.11	18.23
4.2	18.31	18.34	18.34	18.35	18.39	18.48	18.60	18.75	18.88	18.98
4.4	19.04	19.07	19.08	19.09	19.15	19.24	19.36	19.49	19.61	19.70
4.6	19.74	19.76	19.78	19.81	19.87	19.96	20.08	20.20	20.30	20.37
4.8	20.41	20.43	20.45	20.49	20.56	20.65	20.76	20.87	20.95	21.01
5.0	21.04	21.07	21.09	21.14	21.21	21.31	21.41	21.50	21.58	21.62
5.2	21.65	21.68	21.71	21.76	21.84	21.93	22.03	22.11	22.17	22.21
5.4	22.23	22.26	22.30	22.36	22.44	22.53	22.61	22.68	22.73	22.77
5.6	22.79	22.82	22.87	22.93	23.01	23.09	23.17	23.23	23.27	23.30
5.8	23.33	23.36	23.41	23.48	23.55	23.63	23.70	23.75	23.79	23.82
6.0	23.85	23.88	23.93	24.00	24.07	24.15	24.21	24.26	24.29	24.31
6.2	24.34	24.38	24.43	24.50	24.57	24.64	24.69	24.73	24.76	24.79
6.4	24.82	24.86	24.91	24.98	25.05	25.11	25.16	25.19	25.22	25.25
6.6	25.28	25.32	25.38	25.44	25.50	25.56	25.60	25.63	25.66	25.69
6.8	25.72	25.76	25.82	25.88	25.94	25.99	26.03	26.06	26.08	26.11
7.0	26.14	26.19	26.24	26.30	26.35	26.40	26.43	26.46	26.49	26.52
7.2	26.55	26.60	26.65	26.71	26.76	26.80	26.83	26.85	26.88	26.91
7.4	26.95	26.99	27.04	27.09	27.14	27.17	27.20	27.23	27.25	27.29
7.6	27.32	27.37	27.42	27.47	27.51	27.54	27.56	27.59	27.62	27.65
7.8	27.69	27.73	27.78	27.82	27.86	27.89	27.91	27.94	27.96	28.00
8.0	28.04	28.08	28.12	28.16	28.20	28.22	28.25	28.27	28.30	28.33
8.2	28.37	28.42	28.46	28.49	28.52	28.55	28.57	28.59	28.62	28.66
8.4	28.69	28.74	28.77	28.81	28.83	28.86	28.88	28.90	28.93	28.97
8.6	29.00	29.04	29.08	29.11	29.13	29.15	29.17	29.20	29.23	29.26
8.8	29.30	29.34	29.37	29.40	29.42	29.44	29.46	29.48	29.51	29.55
9.0	29.58	29.62	29.65	29.67	29.69	29.71	29.73	29.76	29.79	29.82
9.2	29.86	29.89	29.91	29.94	29.96	29.98	30.00	30.02	30.05	30.08
9.4	30.12	30.15	30.17	30.19	30.21	30.23	30.25	30.28	30.30	30.34
9.6	30.36	30.39	30.41	30.43	30.45	30.47	30.49	30.52	30.55	30.57
9.8	30.60	30.63	30.65	30.67	30.68	30.70	30.72	30.75	30.78	30.80

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 13.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-47.33	-47.01	-46.70	-46.40	-46.12	-45.86	-45.61	-45.37	-45.15	-44.95
0.12	-44.75	-44.57	-44.41	-44.26	-44.12	-44.00	-43.89	-43.80	-43.72	-43.65
0.14	-43.60	-43.56	-43.53	-43.52	-43.52	-43.53	-43.55	-43.58	-43.62	-43.66
0.16	-43.71	-43.75	-43.79	-43.82	-43.83	-43.82	-43.78	-43.71	-43.59	-43.43
0.18	-43.21	-42.94	-42.62	-42.25	-41.83	-41.38	-40.89	-40.37	-39.83	-39.28
0.20	-38.73	-38.16	-37.60	-37.04	-36.48	-35.93	-35.39	-34.86	-34.34	-33.83
0.22	-33.32	-32.83	-32.35	-31.89	-31.43	-30.98	-30.55	-30.12	-29.71	-29.30
0.24	-28.91	-28.53	-28.15	-27.79	-27.44	-27.09	-26.76	-26.43	-26.11	-25.80
0.26	-25.51	-25.22	-24.94	-24.66	-24.40	-24.14	-23.90	-23.66	-23.43	-23.21
0.28	-23.00	-22.79	-22.60	-22.41	-22.23	-22.06	-21.89	-21.74	-21.59	-21.45
0.30	-21.32	-21.20	-21.09	-20.98	-20.88	-20.79	-20.71	-20.64	-20.58	-20.52
0.32	-20.48	-20.44	-20.41	-20.39	-20.37	-20.37	-20.38	-20.39	-20.42	-20.45
0.34	-20.50	-20.55	-20.62	-20.69	-20.78	-20.87	-20.98	-21.11	-21.24	-21.39
0.36	-21.55	-21.72	-21.91	-22.11	-22.33	-22.57	-22.82	-23.09	-23.38	-23.68
0.38	-24.01	-24.35	-24.71	-25.09	-25.48	-25.88	-26.28	-26.68	-27.07	-27.42
0.40	-27.73	-27.96	-28.11	-28.15	-28.07	-27.88	-27.57	-27.17	-26.70	-26.18
0.42	-25.63	-25.06	-24.48	-23.91	-23.34	-22.79	-22.26	-21.74	-21.24	-20.76
0.44	-20.30	-19.86	-19.44	-19.03	-18.64	-18.27	-17.91	-17.57	-17.25	-16.93
0.46	-16.63	-16.35	-16.07	-15.81	-15.56	-15.32	-15.09	-14.88	-14.67	-14.47
0.48	-14.29	-14.11	-13.94	-13.78	-13.64	-13.50	-13.36	-13.24	-13.13	-13.02
0.50	-12.93	-12.84	-12.76	-12.68	-12.62	-12.57	-12.52	-12.48	-12.45	-12.42
0.52	-12.41	-12.40	-12.41	-12.42	-12.43	-12.46	-12.50	-12.55	-12.60	-12.67
0.54	-12.74	-12.82	-12.92	-13.02	-13.14	-13.26	-13.40	-13.55	-13.70	-13.88
0.56	-14.06	-14.26	-14.47	-14.69	-14.93	-15.18	-15.44	-15.72	-16.01	-16.31
0.58	-16.63	-16.95	-17.29	-17.63	-17.97	-18.31	-18.64	-18.95	-19.23	-19.47
0.60	-19.66	-19.78	-19.84	-19.82	-19.71	-19.53	-19.28	-18.97	-18.62	-18.22
0.62	-17.81	-17.37	-16.93	-16.48	-16.04	-15.60	-15.18	-14.76	-14.36	-13.97
0.64	-13.59	-13.22	-12.87	-12.54	-12.21	-11.90	-11.61	-11.32	-11.05	-10.79
0.66	-10.54	-10.30	-10.07	-9.86	-9.65	-9.45	-9.27	-9.09	-8.92	-8.76
0.68	-8.62	-8.48	-8.34	-8.22	-8.11	-8.00	-7.90	-7.81	-7.73	-7.66
0.70	-7.59	-7.53	-7.48	-7.44	-7.41	-7.38	-7.36	-7.35	-7.35	-7.36
0.72	-7.37	-7.39	-7.42	-7.46	-7.51	-7.57	-7.63	-7.70	-7.79	-7.88
0.74	-7.98	-8.08	-8.20	-8.33	-8.47	-8.61	-8.77	-8.94	-9.11	-9.30
0.76	-9.49	-9.70	-9.92	-10.14	-10.37	-10.61	-10.86	-11.12	-11.38	-11.64
0.78	-11.90	-12.16	-12.41	-12.65	-12.88	-13.09	-13.27	-13.41	-13.52	-13.59
0.80	-13.61	-13.59	-13.51	-13.39	-13.22	-13.01	-12.77	-12.51	-12.21	-11.90
0.82	-11.58	-11.25	-10.92	-10.58	-10.25	-9.92	-9.60	-9.28	-8.97	-8.67
0.84	-8.37	-8.09	-7.82	-7.55	-7.30	-7.05	-6.81	-6.59	-6.37	-6.16
0.86	-5.97	-5.78	-5.60	-5.43	-5.26	-5.11	-4.96	-4.83	-4.70	-4.58
0.88	-4.46	-4.36	-4.26	-4.17	-4.09	-4.02	-3.95	-3.89	-3.84	-3.80
0.90	-3.76	-3.73	-3.71	-3.70	-3.69	-3.69	-3.70	-3.71	-3.74	-3.77
0.92	-3.81	-3.85	-3.90	-3.96	-4.03	-4.11	-4.19	-4.28	-4.38	-4.49
0.94	-4.60	-4.72	-4.85	-4.99	-5.13	-5.28	-5.44	-5.61	-5.78	-5.95
0.96	-6.14	-6.33	-6.52	-6.71	-6.91	-7.11	-7.30	-7.50	-7.69	-7.87
0.98	-8.04	-8.20	-8.34	-8.46	-8.57	-8.64	-8.69	-8.71	-8.70	-8.66

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 13.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	-8.59	-6.68	-4.24	-2.39	-1.27	-0.84	-1.08	-1.95	-3.32	-4.57
1.2	-4.40	-2.75	-0.90	0.50	1.29	1.50	1.14	0.30	-0.77	-1.40
1.4	-0.89	0.46	1.85	2.88	3.41	3.46	3.06	2.34	1.62	1.43
1.6	2.04	3.12	4.16	4.89	5.23	5.18	4.79	4.25	3.85	3.92
1.8	4.52	5.37	6.13	6.65	6.84	6.74	6.41	6.05	5.89	6.10
2.0	6.64	7.30	7.86	8.21	8.30	8.19	7.94	7.74	7.73	8.01
2.2	8.48	8.99	9.39	9.62	9.66	9.55	9.39	9.30	9.40	9.69
2.4	10.09	10.49	10.78	10.93	10.93	10.84	10.74	10.75	10.90	11.19
2.6	11.53	11.84	12.05	12.14	12.12	12.05	12.02	12.08	12.26	12.54
2.8	12.83	13.08	13.23	13.27	13.25	13.20	13.21	13.31	13.51	13.77
3.0	14.02	14.21	14.31	14.33	14.31	14.29	14.33	14.45	14.66	14.90
3.2	15.11	15.26	15.33	15.33	15.31	15.31	15.38	15.52	15.72	15.93
3.4	16.11	16.23	16.28	16.27	16.26	16.28	16.37	16.52	16.71	16.90
3.6	17.05	17.14	17.17	17.16	17.16	17.20	17.30	17.45	17.63	17.79
3.8	17.92	17.98	18.01	18.01	18.02	18.07	18.18	18.32	18.49	18.63
4.0	18.73	18.78	18.80	18.81	18.83	18.90	19.01	19.15	19.29	19.41
4.2	19.49	19.54	19.55	19.57	19.60	19.68	19.79	19.92	20.05	20.15
4.4	20.21	20.25	20.27	20.29	20.34	20.42	20.53	20.65	20.76	20.84
4.6	20.90	20.93	20.95	20.98	21.03	21.12	21.23	21.33	21.43	21.50
4.8	21.55	21.57	21.60	21.64	21.70	21.78	21.88	21.98	22.07	22.13
5.0	22.16	22.19	22.22	22.26	22.33	22.41	22.51	22.60	22.67	22.72
5.2	22.75	22.78	22.81	22.86	22.93	23.01	23.10	23.18	23.24	23.28
5.4	23.31	23.34	23.37	23.43	23.50	23.58	23.66	23.73	23.79	23.82
5.6	23.85	23.87	23.91	23.97	24.04	24.12	24.19	24.26	24.30	24.33
5.8	24.36	24.39	24.43	24.49	24.56	24.63	24.70	24.76	24.79	24.82
6.0	24.85	24.88	24.92	24.98	25.05	25.12	25.18	25.23	25.26	25.29
6.2	25.31	25.35	25.39	25.45	25.52	25.58	25.64	25.68	25.71	25.74
6.4	25.76	25.80	25.84	25.90	25.96	26.02	26.07	26.11	26.14	26.16
6.6	26.19	26.23	26.27	26.33	26.39	26.44	26.49	26.52	26.54	26.57
6.8	26.60	26.64	26.69	26.74	26.79	26.84	26.88	26.91	26.93	26.96
7.0	26.99	27.03	27.08	27.13	27.18	27.22	27.26	27.28	27.31	27.33
7.2	27.36	27.40	27.45	27.50	27.54	27.58	27.61	27.64	27.66	27.69
7.4	27.72	27.76	27.81	27.85	27.89	27.93	27.95	27.98	28.00	28.03
7.6	28.06	28.10	28.14	28.19	28.22	28.25	28.28	28.30	28.32	28.35
7.8	28.38	28.42	28.46	28.50	28.54	28.57	28.59	28.61	28.63	28.66
8.0	28.69	28.73	28.77	28.81	28.84	28.86	28.88	28.90	28.92	28.95
8.2	28.98	29.02	29.06	29.09	29.12	29.14	29.16	29.18	29.20	29.23
8.4	29.26	29.30	29.33	29.36	29.39	29.41	29.43	29.44	29.47	29.50
8.6	29.53	29.56	29.59	29.62	29.64	29.66	29.68	29.70	29.72	29.75
8.8	29.78	29.81	29.84	29.86	29.88	29.90	29.91	29.93	29.96	29.98
9.0	30.01	30.04	30.07	30.09	30.11	30.12	30.14	30.16	30.18	30.21
9.2	30.24	30.26	30.29	30.31	30.32	30.34	30.35	30.37	30.39	30.42
9.4	30.45	30.47	30.49	30.51	30.52	30.54	30.55	30.57	30.59	30.62
9.6	30.64	30.66	30.68	30.70	30.71	30.72	30.74	30.76	30.78	30.80
9.8	30.82	30.84	30.86	30.87	30.88	30.90	30.91	30.93	30.95	30.97

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 14.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-46.05	-45.73	-45.42	-45.12	-44.84	-44.57	-44.32	-44.09	-43.86	-43.66
0.12	-43.46	-43.28	-43.12	-42.96	-42.83	-42.70	-42.59	-42.50	-42.41	-42.35
0.14	-42.29	-42.25	-42.22	-42.21	-42.20	-42.21	-42.23	-42.26	-42.29	-42.34
0.16	-42.38	-42.42	-42.46	-42.49	-42.50	-42.50	-42.46	-42.39	-42.28	-42.12
0.18	-41.91	-41.65	-41.34	-40.98	-40.57	-40.12	-39.64	-39.13	-38.60	-38.05
0.20	-37.49	-36.93	-36.37	-35.81	-35.26	-34.71	-34.17	-33.63	-33.11	-32.60
0.22	-32.10	-31.61	-31.13	-30.66	-30.20	-29.75	-29.31	-28.89	-28.47	-28.07
0.24	-27.67	-27.29	-26.91	-26.55	-26.19	-25.85	-25.51	-25.18	-24.87	-24.56
0.26	-24.26	-23.97	-23.69	-23.41	-23.15	-22.89	-22.64	-22.40	-22.17	-21.95
0.28	-21.74	-21.53	-21.33	-21.15	-20.96	-20.79	-20.63	-20.47	-20.32	-20.18
0.30	-20.05	-19.93	-19.81	-19.71	-19.61	-19.52	-19.44	-19.36	-19.30	-19.24
0.32	-19.19	-19.15	-19.12	-19.10	-19.08	-19.08	-19.08	-19.09	-19.12	-19.15
0.34	-19.19	-19.24	-19.30	-19.38	-19.46	-19.55	-19.66	-19.78	-19.91	-20.05
0.36	-20.21	-20.37	-20.56	-20.76	-20.97	-21.20	-21.44	-21.71	-21.99	-22.29
0.38	-22.60	-22.94	-23.29	-23.65	-24.03	-24.42	-24.82	-25.21	-25.59	-25.94
0.40	-26.25	-26.50	-26.67	-26.74	-26.69	-26.53	-26.26	-25.90	-25.46	-24.97
0.42	-24.43	-23.87	-23.31	-22.74	-22.18	-21.63	-21.10	-20.59	-20.09	-19.61
0.44	-19.15	-18.70	-18.28	-17.87	-17.48	-17.10	-16.74	-16.40	-16.07	-15.75
0.46	-15.45	-15.16	-14.89	-14.62	-14.37	-14.13	-13.90	-13.68	-13.47	-13.27
0.48	-13.08	-12.90	-12.73	-12.57	-12.42	-12.28	-12.15	-12.02	-11.91	-11.80
0.50	-11.70	-11.61	-11.52	-11.45	-11.38	-11.32	-11.27	-11.23	-11.20	-11.17
0.52	-11.15	-11.14	-11.14	-11.15	-11.17	-11.19	-11.22	-11.27	-11.32	-11.38
0.54	-11.45	-11.53	-11.62	-11.71	-11.82	-11.94	-12.07	-12.21	-12.37	-12.53
0.56	-12.71	-12.90	-13.10	-13.31	-13.54	-13.78	-14.03	-14.30	-14.57	-14.86
0.58	-15.17	-15.48	-15.80	-16.12	-16.45	-16.77	-17.09	-17.39	-17.67	-17.91
0.60	-18.11	-18.25	-18.33	-18.33	-18.26	-18.12	-17.91	-17.64	-17.32	-16.96
0.62	-16.57	-16.16	-15.74	-15.31	-14.88	-14.45	-14.03	-13.62	-13.23	-12.84
0.64	-12.46	-12.10	-11.75	-11.41	-11.09	-10.78	-10.48	-10.20	-9.92	-9.66
0.66	-9.41	-9.17	-8.94	-8.72	-8.51	-8.31	-8.12	-7.94	-7.77	-7.61
0.68	-7.46	-7.32	-7.18	-7.06	-6.94	-6.83	-6.73	-6.63	-6.55	-6.47
0.70	-6.40	-6.34	-6.29	-6.24	-6.21	-6.18	-6.15	-6.14	-6.13	-6.14
0.72	-6.14	-6.16	-6.19	-6.22	-6.26	-6.31	-6.37	-6.44	-6.51	-6.60
0.74	-6.69	-6.79	-6.90	-7.02	-7.15	-7.29	-7.43	-7.59	-7.76	-7.93
0.76	-8.11	-8.31	-8.51	-8.72	-8.94	-9.16	-9.40	-9.63	-9.88	-10.12
0.78	-10.37	-10.61	-10.85	-11.08	-11.29	-11.49	-11.67	-11.82	-11.93	-12.01
0.80	-12.05	-12.05	-12.00	-11.91	-11.78	-11.61	-11.40	-11.17	-10.91	-10.63
0.82	-10.34	-10.03	-9.72	-9.40	-9.08	-8.77	-8.46	-8.15	-7.85	-7.55
0.84	-7.26	-6.98	-6.71	-6.45	-6.20	-5.96	-5.72	-5.49	-5.28	-5.07
0.86	-4.87	-4.68	-4.50	-4.33	-4.16	-4.01	-3.86	-3.72	-3.59	-3.46
0.88	-3.35	-3.24	-3.14	-3.05	-2.96	-2.89	-2.82	-2.75	-2.70	-2.65
0.90	-2.61	-2.58	-2.55	-2.53	-2.52	-2.51	-2.52	-2.53	-2.54	-2.57
0.92	-2.60	-2.64	-2.68	-2.73	-2.79	-2.86	-2.94	-3.02	-3.11	-3.20
0.94	-3.31	-3.42	-3.54	-3.66	-3.79	-3.93	-4.08	-4.23	-4.38	-4.55
0.96	-4.71	-4.89	-5.06	-5.24	-5.42	-5.60	-5.78	-5.96	-6.13	-6.30
0.98	-6.46	-6.61	-6.74	-6.86	-6.96	-7.04	-7.10	-7.13	-7.14	-7.12

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 14.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	-7.07	-5.44	-3.14	-1.32	-0.18	0.29	0.12	-0.64	-1.86	-2.98
1.2	-2.93	-1.52	0.20	1.55	2.37	2.62	2.35	1.64	0.72	0.15
1.4	0.52	1.67	2.94	3.93	4.49	4.59	4.29	3.70	3.11	2.92
1.6	3.40	4.31	5.25	5.96	6.32	6.33	6.05	5.62	5.30	5.34
1.8	5.82	6.54	7.24	7.73	7.95	7.91	7.68	7.41	7.28	7.45
2.0	7.90	8.47	8.97	9.31	9.44	9.38	9.21	9.06	9.07	9.30
2.2	9.71	10.15	10.52	10.75	10.81	10.75	10.64	10.59	10.68	10.94
2.4	11.29	11.65	11.92	12.07	12.10	12.04	11.98	12.00	12.14	12.40
2.6	12.71	13.00	13.20	13.30	13.30	13.25	13.23	13.30	13.47	13.72
2.8	13.99	14.23	14.38	14.43	14.42	14.39	14.40	14.50	14.68	14.92
3.0	15.16	15.35	15.46	15.49	15.48	15.46	15.50	15.61	15.80	16.02
3.2	16.23	16.39	16.47	16.48	16.47	16.47	16.53	16.66	16.84	17.04
3.4	17.22	17.34	17.40	17.41	17.41	17.42	17.50	17.63	17.80	17.98
3.6	18.13	18.23	18.28	18.29	18.29	18.32	18.41	18.54	18.70	18.86
3.8	18.98	19.06	19.10	19.11	19.12	19.17	19.26	19.39	19.54	19.68
4.0	19.78	19.84	19.87	19.88	19.91	19.97	20.07	20.19	20.32	20.44
4.2	20.52	20.57	20.60	20.62	20.66	20.72	20.82	20.94	21.06	21.16
4.4	21.23	21.27	21.29	21.32	21.36	21.43	21.53	21.64	21.75	21.83
4.6	21.89	21.92	21.95	21.98	22.03	22.11	22.20	22.30	22.40	22.47
4.8	22.51	22.54	22.57	22.60	22.66	22.74	22.83	22.93	23.01	23.07
5.0	23.11	23.13	23.16	23.20	23.26	23.34	23.43	23.51	23.58	23.63
5.2	23.67	23.69	23.72	23.76	23.83	23.90	23.99	24.07	24.13	24.17
5.4	24.20	24.22	24.25	24.30	24.36	24.44	24.52	24.59	24.64	24.68
5.6	24.70	24.73	24.76	24.81	24.87	24.94	25.02	25.08	25.12	25.16
5.8	25.18	25.21	25.24	25.29	25.35	25.42	25.49	25.54	25.58	25.61
6.0	25.63	25.66	25.70	25.75	25.81	25.87	25.93	25.98	26.01	26.04
6.2	26.06	26.09	26.13	26.18	26.24	26.30	26.35	26.39	26.42	26.45
6.4	26.47	26.50	26.54	26.59	26.65	26.70	26.75	26.78	26.81	26.83
6.6	26.86	26.89	26.93	26.98	27.03	27.08	27.12	27.15	27.18	27.20
6.8	27.22	27.26	27.30	27.34	27.39	27.44	27.47	27.50	27.52	27.54
7.0	27.57	27.60	27.64	27.69	27.73	27.77	27.81	27.83	27.85	27.87
7.2	27.89	27.93	27.97	28.01	28.05	28.09	28.12	28.14	28.16	28.18
7.4	28.20	28.23	28.27	28.32	28.35	28.39	28.41	28.43	28.44	28.46
7.6	28.49	28.52	28.56	28.60	28.63	28.66	28.68	28.70	28.72	28.74
7.8	28.76	28.79	28.83	28.86	28.90	28.92	28.94	28.95	28.97	28.99
8.0	29.01	29.05	29.08	29.11	29.14	29.16	29.18	29.19	29.20	29.22
8.2	29.25	29.28	29.31	29.34	29.36	29.38	29.40	29.41	29.42	29.44
8.4	29.47	29.50	29.53	29.55	29.57	29.59	29.60	29.61	29.63	29.65
8.6	29.67	29.70	29.72	29.75	29.76	29.78	29.79	29.80	29.81	29.83
8.8	29.86	29.88	29.90	29.92	29.94	29.95	29.96	29.97	29.98	30.00
9.0	30.02	30.05	30.07	30.08	30.09	30.10	30.11	30.12	30.14	30.15
9.2	30.18	30.20	30.21	30.23	30.24	30.24	30.25	30.26	30.27	30.29
9.4	30.31	30.33	30.34	30.35	30.36	30.37	30.37	30.38	30.39	30.41
9.6	30.43	30.44	30.46	30.46	30.47	30.47	30.48	30.49	30.50	30.51
9.8	30.53	30.54	30.55	30.56	30.56	30.56	30.57	30.57	30.59	30.60

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 15.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-44.86	-44.54	-44.22	-43.93	-43.65	-43.38	-43.13	-42.89	-42.67	-42.46
0.12	-42.26	-42.08	-41.91	-41.76	-41.62	-41.49	-41.38	-41.28	-41.20	-41.13
0.14	-41.07	-41.03	-41.00	-40.98	-40.98	-40.98	-41.00	-41.02	-41.06	-41.10
0.16	-41.14	-41.18	-41.22	-41.25	-41.26	-41.26	-41.22	-41.16	-41.05	-40.90
0.18	-40.70	-40.45	-40.15	-39.79	-39.39	-38.95	-38.48	-37.97	-37.45	-36.91
0.20	-36.35	-35.80	-35.24	-34.68	-34.13	-33.58	-33.04	-32.50	-31.98	-31.47
0.22	-30.96	-30.47	-29.99	-29.52	-29.06	-28.61	-28.17	-27.75	-27.33	-26.93
0.24	-26.53	-26.14	-25.77	-25.40	-25.05	-24.70	-24.36	-24.03	-23.71	-23.40
0.26	-23.10	-22.81	-22.53	-22.25	-21.99	-21.73	-21.48	-21.24	-21.01	-20.78
0.28	-20.57	-20.36	-20.16	-19.97	-19.79	-19.62	-19.45	-19.30	-19.15	-19.01
0.30	-18.87	-18.75	-18.63	-18.52	-18.42	-18.33	-18.25	-18.17	-18.10	-18.04
0.32	-17.99	-17 95	-17.92	-17.89	-17.88	-17.87	-17.87	-17.88	-17.90	-17.93
0.34	-17.97	-18.02	-18.08	-18.15	-18.23	-18.32	-18.42	-18.54	-18.66	-18.80
0.36	-18.95	-19.12	-19.29	-19.49	-19.69	-19.92	-20.16	-20.41	-20.68	-20.97
0.38	-21.28	-21.60	-21.94	-22.30	-22.67	-23.05	-23.43	-23.82	-24.19	-24.55
0.40	-24.86	-25.12	-25.30	-25.40	-25.39	-25.26	-25.03	-24.71	-24.30	-23.83
0.42	-23.32	-22.78	-22.23	-21.67	-21.12	-20.57	-20.04	-19.53	-19.03	-18.55
0.44	-18.09	-17.64	-17.21	-16.80	-16.41	-16.03	-15.67	-15.32	-14.99	-14.67
0.46	-14.37	-14.08	-13.80	-13.53	-13.27	-13.03	-12.80	-12.58	-12.36	-12.16
0.48	-11.97	-11.79	-11.62	-11.46	-11.30	-11.16	-11.02	-10.90	-10.78	-10.67
0.50	-10.56	-10.47	-10.38	-10.31	-10.24	-10.18	-10.12	-10.08	-10.04	-10.01
0.52	-9.99	-9.98	-9.97	-9.98	-9.99	-10.01	-10.04	-10.08	-10.13	-10.18
0.54	-10.25	-10.32	-10.40	-10.50	-10.60	-10.72	-10.84	-10.97	-11.12	-11.28
0.56	-11.45	-11.63	-11.82	-12.02	-12.24	-12.47	-12.71	-12.96	-13.23	-13.50
0.58	-13.79	-14.09	-14.39	-14.70	-15.01	-15.33	-15.63	-15.92	-16.19	-16.43
0.60	-16.63	-16.79	-16.88	-16.92	-16.88	-16.78	-16.61	-16.38	-16.09	-15.77
0.62	-15.41	-15.02	-14.62	-14.22	-13.80	-13.39	-12.98	-12.58	-12.19	-11.80
0.64	-11.43	-11.07	-10.72	-10.39	-10.07	-9.75	-9.45	-9.17	-8.89	-8.63
0.66	-8.37	-8.13	-7.90	-7.68	-7.47	-7.27	-7.07	-6.89	-6.72	-6.56
0.68	-6.40	-6.26	-6.12	-5.99	-5.87	-5.76	-5.65	-5.56	-5.47	-5.39
0.70	-5.31	-5.25	-5.19	-5.14	-5.10	-5.07	-5.04	-5.02	-5.01	-5.01
0.72	-5.01	-5.03	-5.05	-5.07	-5.11	-5.15	-5.21	-5.27	-5.34	-5.41
0.74	-5.50	-5.59	-5.69	-5.81	-5.93	-6.05	-6.19	-6.34	-6.49	-6.65
0.76	-6.83	-7.01	-7.20	-7.39	-7.60	-7.81	-8.02	-8.25	-8.47	-8.70
0.78	-8.93	-9.16	-9.38	-9.59	-9.80	-9.99	-10.16	-10.31	-10.43	-10.52
0.80	-10.57	-10.59	-10.57	-10.51	-10.41	-10.27	-10.10	-9.90	-9.67	-9.42
0.82	-9.16	-8.88	-8.59	-8.29	-7.99	-7.69	-7.40	-7.10	-6.81	-6.52
0.84	-6.24	-5.97	-5.70	-5.45	-5.20	-4.95	-4.72	-4.50	-4.28	-4.07
0.86	-3.87	-3.68	-3.50	-3.33	-3.16	-3.00	-2.85	-2.71	-2.58	-2.45
0.88	-2.33	-2.22	-2.12	-2.02	-1.93	-1.85	-1.78	-1.71	-1.65	-1.60
0.90	-1.55	-1.52	-1.48	-1.46	-1.44	-1.43	-1.43	-1.43	-1.44	-1.46
0.92	-1.49	-1.52	-1.56	-1.60	-1.65	-1.71	-1.78	-1.85	-1.93	-2.02
0.94	-2.11	-2.21	-2.32	-2.43	-2.55	-2.68	-2.81	-2.95	-3.09	-3.24
0.96	-3.39	-3.54	-3.70	-3.87	-4.03	-4.19	-4.36	-4.52	-4.68	-4.83
0.98	-4.98	-5.12	-5.24	-5.36	-5.46	-5.54	-5.60	-5.64	-5.66	-5.66

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 15.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	-5.63	-4.27	-2.12	-0.34	0.81	1.32	1.23	0.57	-0.50	-1.50
1.2	-1.55	-0.36	1.21	2.52	3.34	3.65	3.47	2.88	2.09	1.58
1.4	1.84	2.81	3.96	4.90	5.47	5.63	5.42	4.95	4.46	4.29
1.6	4.66	5.43	6.28	6.94	7.32	7.38	7.19	6.86	6.61	6.64
1.8	7.04	7.65	8.27	8.73	8.97	8.98	8.83	8.63	8.54	8.69
2.0	9.07	9.56	10.02	10.34	10.48	10.47	10.35	10.25	10.28	10.48
2.2	10.83	11.23	11.57	11.80	11.88	11.85	11.78	11.75	11.84	12.07
2.4	12.39	12.72	12.98	13.13	13.17	13.14	13.10	13.12	13.25	13.49
2.6	13.78	14.06	14.26	14.36	14.37	14.34	14.33	14.39	14.54	14.78
2.8	15.04	15.27	15.42	15.49	15.49	15.47	15.48	15.56	15.73	15.95
3.0	16.18	16.37	16.49	16.54	16.54	16.52	16.55	16.65	16.82	17.03
3.2	17.23	17.39	17.48	17.51	17.51	17.51	17.56	17.67	17.83	18.02
3.4	18.20	18.33	18.40	18.42	18.42	18.44	18.50	18.62	18.77	18.94
3.6	19.09	19.19	19.25	19.27	19.28	19.31	19.38	19.50	19.65	19.79
3.8	19.92	20.00	20.05	20.07	20.08	20.13	20.21	20.32	20.46	20.59
4.0	20.69	20.76	20.79	20.81	20.84	20.89	20.98	21.09	21.21	21.33
4.2	21.41	21.46	21.50	21.52	21.55	21.61	21.70	21.81	21.92	22.02
4.4	22.09	22.13	22.16	22.18	22.22	22.29	22.38	22.48	22.58	22.66
4.6	22.72	22.76	22.78	22.81	22.85	22.92	23.01	23.11	23.20	23.27
4.8	23.32	23.35	23.37	23.40	23.45	23.52	23.60	23.69	23.77	23.83
5.0	23.87	23.90	23.92	23.96	24.01	24.08	24.16	24.24	24.31	24.37
5.2	24.40	24.42	24.45	24.48	24.53	24.60	24.68	24.76	24.82	24.86
5.4	24.89	24.91	24.94	24.98	25.03	25.10	25.17	25.24	25.29	25.33
5.6	25.35	25.38	25.40	25.44	25.50	25.56	25.63	25.69	25.73	25.76
5.8	25.79	25.81	25.84	25.88	25.93	25.99	26.05	26.11	26.14	26.17
6.0	26.19	26.22	26.25	26.29	26.34	26.40	26.45	26.50	26.53	26.55
6.2	26.57	26.60	26.63	26.67	26.72	26.77	26.82	26.86	26.89	26.91
6.4	26.93	26.95	26.99	27.03	27.08	27.13	27.17	27.20	27.23	27.24
6.6	27.26	27.28	27.32	27.36	27.41	27.45	27.49	27.52	27.54	27.55
6.8	27.57	27.59	27.63	27.67	27.71	27.75	27.78	27.81	27.82	27.84
7.0	27.85	27.88	27.91	27.95	27.99	28.03	28.05	28.07	28.09	28.10
7.2	28.12	28.14	28.17	28.21	28.25	28.28	28.30	28.32	28.33	28.34
7.4	28.36	28.38	28.41	28.45	28.48	28.51	28.53	28.54	28.55	28.56
7.6	28.58	28.60	28.63	28.66	28.69	28.71	28.73	28.74	28.75	28.76
7.8	28.78	28.80	28.83	28.85	28.88	28.90	28.91	28.92	28.93	28.94
8.0	28.95	28.97	29.00	29.02	29.04	29.06	29.07	29.07	29.08	29.09
8.2	29.11	29.13	29.15	29.17	29.19	29.20	29.21	29.21	29.22	29.23
8.4	29.24	29.26	29.28	29.30	29.31	29.32	29.32	29.32	29.33	29.34
8.6	29.35	29.37	29.39	29.40	29.41	29.42	29.42	29.42	29.42	29.43
8.8	29.44	29.46	29.47	29.48	29.49	29.49	29.49	29.49	29.49	29.50
9.0	29.51	29.52	29.53	29.54	29.54	29.54	29.54	29.54	29.54	29.54
9.2	29.55	29.57	29.57	29.58	29.58	29.57	29.57	29.56	29.56	29.57
9.4	29.58	29.58	29.59	29.59	29.59	29.58	29.57	29.57	29.57	29.57
9.6	29.58	29.58	29.58	29.58	29.57	29.56	29.55	29.55	29.55	29.55
9.8	29.55	29.55	29.55	29.54	29.53	29.52	29.51	29.50	29.50	29.50

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 16.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-43.75	-43.42	-43.11	-42.81	-42.53	-42.26	-42.01	-41.77	-41.54	-41.33
0.12	-41.14	-40.95	-40.78	-40.63	-40.49	-40.36	-40.25	-40.15	-40.06	-39.99
0.14	-39.93	-39.88	-39.85	-39.83	-39.82	-39.83	-39.84	-39.86	-39.89	-39.93
0.16	-39.97	-40.01	-40.05	-40.08	-40.09	-40.09	-40.06	-40.00	-39.90	-39.76
0.18	-39.57	-39.33	-39.03	-38.69	-38.30	-37.87	-37.40	-36.90	-36.38	-35.84
0.20	-35.30	-34.74	-34.18	-33.63	-33.07	-32.53	-31.99	-31.45	-30.93	-30.42
0.22	-29.91	-29.42	-28.94	-28.47	-28.01	-27.56	-27.12	-26.69	-26.27	-25.86
0.24	-25.47	-25.08	-24.70	-24.34	-23.98	-23.63	-23.29	-22.96	-22.64	-22.33
0.26	-22.03	-21.73	-21.45	-21.17	-20.91	-20.65	-20.40	-20.16	-19.92	-19.70
0.28	-19.48	-19.27	-19.07	-18.88	-18.70	-18.52	-18.36	-18.20	-18.05	-17.91
0.30	-17.77	-17.64	-17.53	-17.42	-17.32	-17.22	-17.14	-17.06	-16.99	-16.93
0.32	-16.88	-16.83	-16.80	-16.77	-16.75	-16.74	-16.74	-16.75	-16.77	-16.79
0.34	-16.83	-16.88	-16.93	-17.00	-17.08	-17.16	-17.26	-17.37	-17.49	-17.63
0.36	-17.77	-17.93	-18.10	-18.29	-18.49	-18.71	-18.94	-19.19	-19.45	-19.73
0.38	-20.03	-20.34	-20.67	-21.02	-21.38	-21.75	-22.12	-22.50	-22.87	-23.22
0.40	-23.53	-23.80	-24.00	-24.12	-24.14	-24.06	-23.87	-23.58	-23.21	-22.77
0.42	-22.28	-21.76	-21.22	-20.68	-20.13	-19.60	-19.07	-18.55	-18.06	-17.58
0.44	-17.11	-16.66	-16.24	-15.82	-15.43	-15.05	-14.68	-14.33	-14.00	-13.68
0.46	-13.37	-13.07	-12.79	-12.52	-12.27	-12.02	-11.78	-11.56	-11.35	-11.14
0.48	-10.95	-10.76	-10.59	-10.42	-10.27	-10.12	-9.98	-9.85	-9.73	-9.62
0.50	-9.51	-9.42	-9.33	-9.25	-9.18	-9.11	-9.06	-9.01	-8.97	-8.94
0.52	-8.91	-8.90	-8.89	-8.89	-8.90	-8.91	-8.94	-8.97	-9.01	-9.07
0.54	-9.13	-9.19	-9.27	-9.36	-9.46	-9.57	-9.68	-9.81	-9.95	-10.10
0.56	-10.26	-10.43	-10.61	-10.81	-11.01	-11.23	-11.46	-11.70	-11.95	-12.22
0.58	-12.49	-12.77	-13.06	-13.36	-13.66	-13.95	-14.24	-14.52	-14.79	-15.03
0.60	-15.23	-15.39	-15.51	-15.56	-15.56	-15.49	-15.36	-15.16	-14.92	-14.63
0.62	-14.31	-13.95	-13.58	-13.19	-12.80	-12.40	-12.00	-11.61	-11.23	-10.85
0.64	-10.48	-10.13	-9.78	-9.45	-9.12	-8.81	-8.51	-8.23	-7.95	-7.68
0.66	-7.43	-7.18	-6.95	-6.73	-6.51	-6.31	-6.12	-5.93	-5.76	-5.59
0.68	-5.43	-5.28	-5.14	-5.01	-4.89	-4.77	-4.66	-4.56	-4.47	-4.39
0.70	-4.31	-4.24	-4.18	-4.13	-4.08	-4.04	-4.01	-3.99	-3.98	-3.97
0.72	-3.97	-3.97	-3.99	-4.01	-4.04	-4.08	-4.13	-4.18	-4.24	-4.31
0.74	-4.39	-4.48	-4.57	-4.67	-4.78	-4.90	-5.03	-5.16	-5.31	-5.46
0.76	-5.62	-5.79	-5.96	-6.15	-6.34	-6.53	-6.73	-6.94	-7.15	-7.36
0.78	-7.57	-7.79	-7.99	-8.20	-8.39	-8.57	-8.74	-8.88	-9.00	-9.10
0.80	-9.17	-9.20	-9.20	-9.16	-9.09	-8.98	-8.85	-8.68	-8.48	-8.27
0.82	-8.03	-7.78	-7.52	-7.24	-6.97	-6.68	-6.40	-6.12	-5.84	-5.57
0.84	-5.29	-5.03	-4.77	-4.52	-4.27	-4.03	-3.80	-3.58	-3.36	-3.16
0.86	-2.96	-2.77	-2.59	-2.41	-2.24	-2.08	-1.93	-1.79	-1.65	-1.52
0.88	-1.40	-1.29	-1.18	-1.08	-0.99	-0.91	-0.83	-0.76	-0.69	-0.64
0.90	-0.59	-0.54	-0.51	-0.48	-0.46	-0.44	-0.43	-0.43	-0.43	-0.45
0.92	-0.46	-0.49	-0.52	-0.56	-0.60	-0.65	-0.71	-0.77	-0.84	-0.92
0.94	-1.00	-1.09	-1.19	-1.29	-1.40	-1.51	-1.63	-1.75	-1.88	-2.01
0.96	-2.15	-2.29	-2.44	-2.58	-2.73	-2.88	-3.03	-3.18	-3.32	-3.46
0.98	-3.60	-3.72	-3.84	-3.95	-4.04	-4.12	-4.19	-4.24	-4.27	-4.27

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 16.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	-4.26	-3.14	-1.17	0.56	1.71	2.27	2.24	1.69	0.76	-0.13
1.2	-0.24	0.74	2.17	3.42	4.24	4.59	4.49	4.01	3.35	2.90
1.4	3.08	3.89	4.92	5.81	6.38	6.58	6.45	6.09	5.69	5.54
1.6	5.84	6.49	7.25	7.87	8.25	8.35	8.23	7.99	7.79	7.83
1.8	8.16	8.69	9.24	9.68	9.92	9.97	9.87	9.73	9.68	9.81
2.0	10.14	10.58	10.99	11.30	11.45	11.47	11.39	11.33	11.36	11.55
2.2	11.87	12.23	12.55	12.77	12.86	12.85	12.80	12.79	12.88	13.09
2.4	13.39	13.70	13.95	14.10	14.16	14.14	14.11	14.13	14.25	14.47
2.6	14.75	15.01	15.21	15.32	15.35	15.33	15.32	15.37	15.51	15.73
2.8	15.98	16.20	16.36	16.44	16.46	16.44	16.45	16.51	16.66	16.87
3.0	17.09	17.28	17.41	17.47	17.48	17.47	17.49	17.58	17.73	17.92
3.2	18.11	18.27	18.37	18.42	18.43	18.43	18.47	18.57	18.71	18.89
3.4	19.05	19.18	19.26	19.30	19.31	19.33	19.38	19.48	19.62	19.78
3.6	19.92	20.02	20.09	20.12	20.13	20.16	20.23	20.33	20.46	20.60
3.8	20.72	20.81	20.86	20.88	20.90	20.94	21.01	21.12	21.24	21.36
4.0	21.46	21.53	21.57	21.60	21.62	21.67	21.75	21.85	21.96	22.07
4.2	22.15	22.21	22.24	22.26	22.29	22.35	22.43	22.53	22.63	22.72
4.4	22.80	22.84	22.87	22.89	22.92	22.98	23.06	23.15	23.25	23.33
4.6	23.39	23.43	23.45	23.47	23.51	23.57	23.65	23.74	23.82	23.90
4.8	23.95	23.98	24.00	24.02	24.06	24.12	24.20	24.28	24.36	24.42
5.0	24.46	24.48	24.50	24.53	24.57	24.63	24.70	24.78	24.85	24.90
5.2	24.93	24.96	24.98	25.00	25.05	25.11	25.18	25.24	25.30	25.35
5.4	25.38	25.40	25.42	25.45	25.49	25.55	25.61	25.67	25.72	25.76
5.6	25.78	25.80	25.82	25.85	25.90	25.95	26.01	26.07	26.11	26.14
5.8	26.16	26.18	26.20	26.23	26.27	26.33	26.38	26.43	26.46	26.49
6.0	26.51	26.52	26.54	26.58	26.62	26.67	26.72	26.76	26.79	26.81
6.2	26.82	26.84	26.86	26.89	26.93	26.98	27.02	27.06	27.08	27.10
6.4	27.11	27.12	27.14	27.18	27.22	27.26	27.30	27.33	27.35	27.36
6.6	27.37	27.38	27.40	27.43	27.47	27.51	27.54	27.57	27.58	27.59
6.8	27.60	27.61	27.63	27.66	27.70	27.73	27.76	27.78	27.79	27.80
7.0	27.80	27.82	27.84	27.86	27.90	27.93	27.95	27.96	27.97	27.97
7.2	27.98	27.99	28.01	28.04	28.07	28.09	28.11	28.12	28.12	28.12
7.4	28.13	28.14	28.16	28.18	28.21	28.23	28.24	28.24	28.24	28.24
7.6	28.25	28.26	28.28	28.30	28.32	28.33	28.34	28.34	28.34	28.34
7.8	28.34	28.35	28.37	28.39	28.40	28.41	28.41	28.41	28.41	28.40
8.0	28.41	28.42	28.43	28.44	28.46	28.46	28.46	28.45	28.45	28.44
8.2	28.44	28.45	28.46	28.47	28.48	28.48	28.47	28.46	28.46	28.45
8.4	28.45	28.45	28.46	28.47	28.47	28.47	28.46	28.45	28.43	28.43
8.6	28.43	28.43	28.43	28.44	28.43	28.43	28.41	28.40	28.38	28.37
8.8	28.37	28.37	28.37	28.37	28.36	28.35	28.33	28.31	28.30	28.29
9.0	28.28	28.28	28.27	28.27	28.26	28.24	28.22	28.20	28.18	28.16
9.2	28.15	28.15	28.14	28.13	28.11	28.09	28.07	28.04	28.02	28.00
9.4	27.99	27.98	27.97	27.95	27.93	27.90	27.87	27.85	27.82	27.81
9.6	27.79	27.78	27.76	27.74	27.71	27.68	27.64	27.61	27.59	27.56
9.8	27.54	27.53	27.50	27.47	27.44	27.40	27.36	27.33	27.30	27.27

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 17.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-42.71	-42.38	-42.06	-41.77	-41.48	-41.21	-40.96	-40.72	-40.49	-40.28
0.12	-40.08	-39.90	-39.72	-39.57	-39.42	-39.30	-39.18	-39.08	-38.99	-38.91
0.14	-38.85	-38.80	-38.77	-38.75	-38.74	-38.74	-38.75	-38.77	-38.80	-38.83
0.16	-38.87	-38.91	-38.95	-38.98	-38.99	-38.99	-38.97	-38.91	-38.82	-38.68
0.18	-38.50	-38.27	-37.98	-37.65	-37.27	-36.85	-36.39	-35.90	-35.38	-34.85
0.20	-34.31	-33.76	-33.20	-32.65	-32.10	-31.55	-31.01	-30.47	-29.95	-29.44
0.22	-28.93	-28.44	-27.96	-27.48	-27.02	-26.57	-26.13	-25.70	-25.28	-24.87
0.24	-24.48	-24.09	-23.71	-23.34	-22.98	-22.63	-22.29	-21.96	-21.64	-21.33
0.26	-21.02	-20.73	-20.44	-20.17	-19.90	-19.64	-19.39	-19.14	-18.91	-18.68
0.28	-18.47	-18.26	-18.05	-17.86	-17.68	-17.50	-17.33	-17.17	-17.02	-16.88
0.30	-16.74	-16.61	-16.49	-16.38	-16.28	-16.18	-16.10	-16.02	-15.95	-15.88
0.32	-15.83	-15.78	-15.74	-15.72	-15.69	-15.68	-15.68	-15.69	-15.70	-15.72
0.34	-15.76	-15.80	-15.85	-15.92	-15.99	-16.07	-16.17	-16.27	-16.39	-16.52
0.36	-16.66	-16.81	-16.98	-17.16	-17.36	-17.56	-17.79	-18.03	-18.28	-18.56
0.38	-18.84	-19.15	-19.47	-19.80	-20.15	-20.51	-20.87	-21.24	-21.60	-21.95
0.40	-22.26	-22.54	-22.75	-22.90	-22.95	-22.90	-22.75	-22.50	-22.17	-21.76
0.42	-21.30	-20.81	-20.29	-19.76	-19.22	-18.69	-18.17	-17.66	-17.16	-16.68
0.44	-16.21	-15.76	-15.33	-14.92	-14.52	-14.14	-13.77	-13.42	-13.08	-12.76
0.46	-12.45	-12.15	-11.86	-11.59	-11.33	-11.08	-10.85	-10.62	-10.40	-10.20
0.48	-10.00	-9.81	-9.63	-9.47	-9.31	-9.16	-9.02	-8.88	-8.76	-8.64
0.50	-8.54	-8.44	-8.35	-8.26	-8.19	-8.12	-8.06	-8.01	-7.97	-7.93
0.52	-7.90	-7.88	-7.87	-7.87	-7.87	-7.89	-7.91	-7.94	-7.97	-8.02
0.54	-8.08	-8.14	-8.21	-8.29	-8.39	-8.49	-8.60	-8.72	-8.85	-8.99
0.56	-9.14	-9.31	-9.48	-9.66	-9.86	-10.07	-10.28	-10.51	-10.75	-11.00
0.58	-11.26	-11.53	-11.80	-12.08	-12.37	-12.65	-12.93	-13.20	-13.45	-13.68
0.60	-13.89	-14.06	-14.19	-14.26	-14.28	-14.25	-14.15	-14.00	-13.79	-13.54
0.62	-13.25	-12.93	-12.58	-12.22	-11.85	-11.47	-11.09	-10.71	-10.33	-9.96
0.64	-9.60	-9.25	-8.91	-8.58	-8.26	-7.95	-7.65	-7.36	-7.08	-6.81
0.66	-6.56	-6.31	-6.08	-5.85	-5.64	-5.43	-5.23	-5.05	-4.87	-4.70
0.68	-4.54	-4.39	-4.24	-4.11	-3.98	-3.86	-3.75	-3.65	-3.55	-3.46
0.70	-3.38	-3.31	-3.25	-3.19	-3.14	-3.10	-3.06	-3.03	-3.01	-3.00
0.72	-3.00	-3.00	-3.01	-3.02	-3.05	-3.08	-3.12	-3.17	-3.22	-3.29
0.74	-3.36	-3.43	-3.52	-3.61	-3.71	-3.82	-3.94	-4.07	-4.20	-4.34
0.76	-4.49	-4.64	-4.81	-4.97	-5.15	-5.33	-5.52	-5.71	-5.90	-6.10
0.78	-6.30	-6.49	-6.69	-6.88	-7.06	-7.23	-7.39	-7.53	-7.65	-7.75
0.80	-7.83	-7.87	-7.89	-7.87	-7.83	-7.75	-7.64	-7.50	-7.34	-7.16
0.82	-6.95	-6.73	-6.49	-6.24	-5.99	-5.73	-5.46	-5.20	-4.93	-4.67
0.84	-4.41	-4.15	-3.90	-3.65	-3.41	-3.18	-2.95	-2.73	-2.52	-2.32
0.86	-2.12	-1.93	-1.74	-1.57	-1.40	-1.24	-1.09	-0.94	-0.81	-0.67
0.88	-0.55	-0.43	-0.32	-0.22	-0.13	-0.04	0.04	0.12	0.18	0.25
0.90	0.30	0.35	0.39	0.42	0.45	0.47	0.49	0.50	0.50	0.49
0.92	0.48	0.47	0.44	0.41	0.38	0.33	0.28	0.23	0.17	0.10
0.94	0.03	-0.05	-0.14	-0.23	-0.32	-0.42	-0.53	-0.64	-0.75	-0.87
0.96	-1.00	-1.12	-1.25	-1.39	-1.52	-1.65	-1.79	-1.92	-2.05	-2.18
0.98	-2.30	-2.42	-2.53	-2.63	-2.72	-2.79	-2.86	-2.91	-2.95	-2.96

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 17.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	-2.97	-2.07	-0.27	1.39	2.55	3.14	3.18	2.73	1.93	1.14
1.2	1.00	1.80	3.08	4.25	5.07	5.46	5.43	5.05	4.51	4.12
1.4	4.25	4.92	5.84	6.66	7.22	7.46	7.40	7.12	6.81	6.69
1.6	6.94	7.49	8.16	8.74	9.11	9.25	9.19	9.01	8.87	8.91
1.8	9.19	9.66	10.16	10.57	10.81	10.89	10.83	10.73	10.70	10.83
2.0	11.12	11.52	11.90	12.20	12.36	12.39	12.34	12.29	12.33	12.51
2.2	12.80	13.14	13.45	13.67	13.77	13.77	13.74	13.73	13.81	14.00
2.4	14.28	14.58	14.83	14.99	15.06	15.05	15.02	15.04	15.15	15.35
2.6	15.61	15.87	16.07	16.20	16.24	16.22	16.21	16.25	16.37	16.57
2.8	16.81	17.03	17.20	17.29	17.32	17.31	17.31	17.37	17.50	17.68
3.0	17.89	18.08	18.22	18.29	18.31	18.31	18.33	18.40	18.53	18.70
3.2	18.88	19.04	19.15	19.20	19.22	19.23	19.27	19.35	19.48	19.64
3.4	19.79	19.92	20.01	20.05	20.07	20.09	20.14	20.23	20.35	20.49
3.6	20.63	20.73	20.80	20.83	20.85	20.88	20.94	21.03	21.15	21.28
3.8	21.39	21.48	21.53	21.56	21.58	21.61	21.68	21.77	21.89	22.00
4.0	22.10	22.17	22.21	22.23	22.25	22.29	22.36	22.45	22.56	22.66
4.2	22.75	22.80	22.84	22.85	22.88	22.92	22.99	23.08	23.18	23.27
4.4	23.34	23.39	23.41	23.43	23.46	23.50	23.57	23.66	23.75	23.83
4.6	23.89	23.93	23.95	23.96	23.99	24.04	24.11	24.19	24.27	24.34
4.8	24.39	24.42	24.44	24.45	24.48	24.53	24.60	24.67	24.74	24.80
5.0	24.84	24.87	24.88	24.90	24.93	24.98	25.04	25.11	25.18	25.22
5.2	25.26	25.28	25.29	25.31	25.34	25.39	25.45	25.51	25.57	25.61
5.4	25.63	25.65	25.66	25.68	25.72	25.76	25.82	25.87	25.92	25.95
5.6	25.97	25.98	26.00	26.02	26.05	26.10	26.15	26.19	26.23	26.26
5.8	26.27	26.28	26.29	26.31	26.35	26.39	26.44	26.48	26.51	26.53
6.0	26.54	26.54	26.55	26.58	26.61	26.65	26.69	26.73	26.75	26.76
6.2	26.77	26.77	26.78	26.80	26.83	26.87	26.91	26.93	26.95	26.96
6.4	26.96	26.97	26.97	26.99	27.02	27.05	27.09	27.11	27.12	27.12
6.6	27.12	27.12	27.13	27.15	27.18	27.20	27.23	27.25	27.25	27.25
6.8	27.25	27.25	27.25	27.27	27.29	27.32	27.34	27.35	27.35	27.34
7.0	27.34	27.33	27.34	27.36	27.37	27.39	27.41	27.41	27.41	27.40
7.2	27.39	27.39	27.39	27.40	27.42	27.43	27.44	27.44	27.43	27.41
7.4	27.40	27.40	27.40	27.41	27.42	27.43	27.43	27.42	27.41	27.39
7.6	27.38	27.37	27.37	27.38	27.39	27.39	27.38	27.37	27.35	27.33
7.8	27.32	27.31	27.31	27.31	27.31	27.31	27.29	27.28	27.25	27.23
8.0	27.21	27.20	27.19	27.19	27.19	27.18	27.16	27.14	27.11	27.08
8.2	27.06	27.05	27.04	27.03	27.02	27.00	26.98	26.95	26.92	26.89
8.4	26.86	26.84	26.83	26.82	26.80	26.78	26.75	26.71	26.67	26.64
8.6	26.61	26.59	26.57	26.55	26.53	26.50	26.46	26.42	26.37	26.33
8.8	26.30	26.28	26.25	26.23	26.19	26.15	26.11	26.06	26.01	25.97
9.0	25.93	25.90	25.87	25.83	25.79	25.74	25.69	25.63	25.58	25.53
9.2	25.48	25.45	25.41	25.37	25.32	25.26	25.19	25.13	25.06	25.01
9.4	24.96	24.91	24.86	24.81	24.75	24.68	24.60	24.53	24.46	24.39
9.6	24.33	24.28	24.22	24.15	24.08	24.00	23.91	23.82	23.74	23.66
9.8	23.59	23.53	23.45	23.37	23.28	23.19	23.08	22.98	22.88	22.80

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 18.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-41.73	-41.40	-41.08	-40.78	-40.50	-40.22	-39.97	-39.73	-39.50	-39.28
0.12	-39.08	-38.90	-38.73	-38.57	-38.42	-38.29	-38.17	-38.07	-37.98	-37.90
0.14	-37.84	-37.79	-37.75	-37.72	-37.71	-37.71	-37.72	-37.73	-37.76	-37.79
0.16	-37.83	-37.87	-37.90	-37.93	-37.95	-37.95	-37.93	-37.88	-37.79	-37.66
0.18	-37.49	-37.26	-36.99	-36.67	-36.30	-35.88	-35.43	-34.95	-34.45	-33.92
0.20	-33.38	-32.83	-32.28	-31.73	-31.18	-30.63	-30.09	-29.56	-29.04	-28.52
0.22	-28.02	-27.52	-27.04	-26.57	-26.10	-25.65	-25.21	-24.78	-24.36	-23.95
0.24	-23.55	-23.16	-22.78	-22.41	-22.05	-21.70	-21.36	-21.03	-20.70	-20.39
0.26	-20.08	-19.79	-19.50	-19.22	-18.95	-18.69	-18.44	-18.19	-17.96	-17.73
0.28	-17.51	-17.30	-17.10	-16.90	-16.72	-16.54	-16.37	-16.21	-16.05	-15.91
0.30	-15.77	-15.64	-15.52	-15.41	-15.30	-15.20	-15.12	-15.04	-14.96	-14.90
0.32	-14.84	-14.79	-14.75	-14.72	-14.70	-14.68	-14.68	-14.68	-14.69	-14.72
0.34	-14.75	-14.79	-14.83	-14.89	-14.96	-15.04	-15.13	-15.23	-15.35	-15.47
0.36	-15.61	-15.75	-15.92	-16.09	-16.28	-16.48	-16.70	-16.93	-17.17	-17.44
0.38	-17.71	-18.01	-18.32	-18.64	-18.98	-19.32	-19.68	-20.03	-20.39	-20.73
0.40	-21.05	-21.33	-21.55	-21.72	-21.80	-21.78	-21.67	-21.46	-21.17	-20.80
0.42	-20.38	-19.91	-19.41	-18.89	-18.37	-17.85	-17.33	-16.82	-16.33	-15.85
0.44	-15.38	-14.93	-14.50	-14.08	-13.68	-13.30	-12.93	-12.57	-12.23	-11.91
0.46	-11.59	-11.29	-11.01	-10.73	-10.47	-10.22	-9.97	-9.74	-9.53	-9.32
0.48	-9.12	-8.93	-8.75	-8.58	-8.42	-8.26	-8.12	-7.98	-7.86	-7.74
0.50	-7.63	-7.52	-7.43	-7.34	-7.27	-7.20	-7.13	-7.08	-7.03	-6.99
0.52	-6.96	-6.94	-6.92	-6.91	-6.91	-6.92	-6.94	-6.96	-7.00	-7.04
0.54	-7.09	-7.15	-7.22	-7.29	-7.38	-7.47	-7.58	-7.69	-7.81	-7.95
0.56	-8.09	-8.24	-8.41	-8.58	-8.77	-8.96	-9.17	-9.39	-9.61	-9.85
0.58	-10.09	-10.35	-10.61	-10.87	-11.14	-11.41	-11.67	-11.93	-12.18	-12.40
0.60	-12.61	-12.78	-12.92	-13.01	-13.05	-13.04	-12.98	-12.86	-12.70	-12.48
0.62	-12.23	-11.94	-11.63	-11.29	-10.94	-10.59	-10.22	-9.86	-9.49	-9.13
0.64	-8.78	-8.44	-8.10	-7.77	-7.45	-7.14	-6.85	-6.56	-6.28	-6.01
0.66	-5.76	-5.51	-5.27	-5.05	-4.83	-4.62	-4.42	-4.23	-4.05	-3.88
0.68	-3.72	-3.56	-3.41	-3.28	-3.15	-3.02	-2.91	-2.80	-2.70	-2.61
0.70	-2.53	-2.45	-2.38	-2.32	-2.27	-2.22	-2.18	-2.15	-2.12	-2.10
0.72	-2.09	-2.09	-2.09	-2.11	-2.12	-2.15	-2.18	-2.22	-2.27	-2.33
0.74	-2.39	-2.46	-2.54	-2.62	-2.71	-2.81	-2.92	-3.04	-3.16	-3.29
0.76	-3.42	-3.57	-3.72	-3.87	-4.03	-4.20	-4.37	-4.55	-4.73	-4.91
0.78	-5.09	-5.27	-5.45	-5.63	-5.80	-5.96	-6.11	-6.25	-6.37	-6.47
0.80	-6.55	-6.60	-6.63	-6.64	-6.61	-6.56	-6.48	-6.37	-6.24	-6.08
0.82	-5.90	-5.71	-5.50	-5.28	-5.05	-4.81	-4.56	-4.32	-4.07	-3.82
0.84	-3.57	-3.32	-3.08	-2.84	-2.61	-2.38	-2.16	-1.95	-1.74	-1.54
0.86	-1.34	-1.15	-0.97	-0.79	-0.63	-0.47	-0.31	-0.16	-0.03	0.11
0.88	0.23	0.35	0.46	0.57	0.67	0.76	0.84	0.92	0.99	1.06
0.90	1.12	1.17	1.22	1.26	1.29	1.32	1.34	1.35	1.36	1.36
0.92	1.36	1.35	1.33	1.31	1.28	1.25	1.21	1.16	1.11	1.05
0.94	0.99	0.92	0.84	0.77	0.68	0.59	0.50	0.40	0.30	0.19
0.96	0.08	-0.03	-0.15	-0.27	-0.38	-0.50	-0.62	-0.74	-0.86	-0.98
0.98	-1.09	-1.19	-1.29	-1.39	-1.47	-1.55	-1.61	-1.66	-1.70	-1.73

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 18.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	-1.74	-1.03	0.58	2.17	3.31	3.94	4.04	3.69	3.01	2.32
1.2	2.16	2.81	3.94	5.04	5.85	6.26	6.29	6.01	5.57	5.24
1.4	5.33	5.90	6.70	7.47	8.01	8.28	8.27	8.07	7.83	7.74
1.6	7.95	8.43	9.03	9.56	9.93	10.09	10.06	9.94	9.84	9.89
1.8	10.14	10.56	11.02	11.40	11.64	11.73	11.70	11.63	11.62	11.74
2.0	12.02	12.38	12.75	13.03	13.20	13.24	13.21	13.17	13.21	13.37
2.2	13.65	13.97	14.27	14.49	14.60	14.62	14.59	14.58	14.65	14.83
2.4	15.09	15.38	15.63	15.79	15.87	15.87	15.85	15.86	15.95	16.13
2.6	16.38	16.63	16.84	16.97	17.02	17.02	17.01	17.04	17.14	17.32
2.8	17.54	17.75	17.93	18.03	18.07	18.07	18.08	18.12	18.23	18.40
3.0	18.59	18.77	18.91	18.99	19.02	19.03	19.05	19.11	19.22	19.38
3.2	19.55	19.70	19.81	19.87	19.90	19.91	19.94	20.02	20.13	20.27
3.4	20.42	20.54	20.63	20.68	20.70	20.72	20.76	20.84	20.95	21.08
3.6	21.21	21.31	21.38	21.42	21.44	21.46	21.51	21.59	21.70	21.82
3.8	21.93	22.02	22.07	22.10	22.11	22.14	22.19	22.28	22.38	22.49
4.0	22.59	22.66	22.70	22.72	22.73	22.76	22.82	22.90	23.00	23.10
4.2	23.18	23.24	23.27	23.29	23.30	23.33	23.39	23.47	23.56	23.65
4.4	23.72	23.76	23.79	23.80	23.82	23.85	23.91	23.98	24.06	24.14
4.6	24.20	24.23	24.25	24.26	24.28	24.32	24.37	24.44	24.52	24.58
4.8	24.63	24.66	24.67	24.68	24.70	24.74	24.79	24.85	24.92	24.97
5.0	25.01	25.03	25.04	25.05	25.07	25.11	25.16	25.22	25.27	25.32
5.2	25.34	25.36	25.37	25.38	25.40	25.43	25.48	25.53	25.58	25.62
5.4	25.64	25.64	25.65	25.66	25.68	25.71	25.76	25.80	25.84	25.87
5.6	25.88	25.88	25.88	25.89	25.91	25.94	25.99	26.03	26.06	26.08
5.8	26.08	26.08	26.08	26.08	26.10	26.13	26.17	26.20	26.23	26.24
6.0	26.24	26.23	26.23	26.23	26.25	26.28	26.31	26.33	26.35	26.36
6.2	26.35	26.34	26.33	26.34	26.35	26.37	26.40	26.42	26.43	26.43
6.4	26.42	26.40	26.39	26.40	26.41	26.43	26.45	26.46	26.46	26.45
6.6	26.43	26.42	26.41	26.41	26.42	26.43	26.44	26.45	26.44	26.42
6.8	26.40	26.38	26.37	26.37	26.38	26.38	26.39	26.38	26.37	26.35
7.0	26.32	26.30	26.29	26.28	26.28	26.28	26.28	26.27	26.25	26.22
7.2	26.19	26.16	26.14	26.13	26.13	26.13	26.12	26.10	26.07	26.03
7.4	26.00	25.96	25.94	25.93	25.92	25.91	25.89	25.86	25.83	25.78
7.6	25.74	25.71	25.68	25.66	25.64	25.63	25.60	25.56	25.52	25.47
7.8	25.42	25.38	25.34	25.32	25.30	25.27	25.23	25.18	25.13	25.07
8.0	25.02	24.97	24.93	24.90	24.87	24.83	24.78	24.72	24.65	24.59
8.2	24.53	24.47	24.43	24.38	24.34	24.29	24.23	24.16	24.08	24.00
8.4	23.93	23.87	23.81	23.76	23.71	23.64	23.57	23.48	23.39	23.30
8.6	23.22	23.14	23.08	23.01	22.94	22.86	22.77	22.66	22.55	22.45
8.8	22.35	22.26	22.18	22.10	22.01	21.91	21.79	21.66	21.54	21.41
9.0	21.29	21.19	21.09	20.98	20.87	20.74	20.59	20.44	20.28	20.12
9.2	19.98	19.85	19.72	19.58	19.43	19.27	19.08	18.88	18.68	18.49
9.4	18.31	18.14	17.97	17.78	17.58	17.36	17.11	16.85	16.58	16.33
9.6	16.08	15.85	15.60	15.34	15.05	14.73	14.37	13.99	13.61	13.24
9.8	12.87	12.50	12.12	11.69	11.21	10.67	10.06	9.41	8.73	8.04

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 19.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-40.80	-40.47	-40.15	-39.85	-39.56	-39.29	-39.03	-38.79	-38.56	-38.34
0.12	-38.14	-37.95	-37.78	-37.62	-37.47	-37.34	-37.22	-37.11	-37.02	-36.94
0.14	-36.87	-36.82	-36.78	-36.75	-36.73	-36.73	-36.73	-36.75	-36.77	-36.80
0.16	-36.84	-36.87	-36.91	-36.94	-36.95	-36.96	-36.94	-36.89	-36.81	-36.69
0.18	-36.53	-36.31	-36.05	-35.74	-35.38	-34.98	-34.54	-34.06	-33.57	-33.05
0.20	-32.51	-31.97	-31.42	-30.87	-30.32	-29.78	-29.24	-28.71	-28.18	-27.67
0.22	-27.16	-26.67	-26.18	-25.71	-25.24	-24.79	-24.35	-23.92	-23.49	-23.08
0.24	-22.68	-22.29	-21.91	-21.54	-21.18	-20.82	-20.48	-20.15	-19.82	-19.51
0.26	-19.20	-18.90	-18.61	-18.33	-18.06	-17.80	-17.55	-17.30	-17.06	-16.83
0.28	-16.61	-16.40	-16.20	-16.00	-15.81	-15.63	-15.46	-15.30	-15.14	-15.00
0.30	-14.86	-14.73	-14.60	-14.49	-14.38	-14.28	-14.19	-14.11	-14.03	-13.97
0.32	-13.91	-13.86	-13.82	-13.78	-13.76	-13.74	-13.73	-13.73	-13.74	-13.76
0.34	-13.79	-13.82	-13.87	-13.92	-13.99	-14.07	-14.15	-14.25	-14.36	-14.47
0.36	-14.61	-14.75	-14.90	-15.07	-15.25	-15.45	-15.66	-15.88	-16.12	-16.37
0.38	-16.64	-16.92	-17.22	-17.53	-17.85	-18.19	-18.53	-18.88	-19.22	-19.56
0.40	-19.87	-20.16	-20.40	-20.58	-20.68	-20.70	-20.63	-20.46	-20.21	-19.88
0.42	-19.49	-19.05	-18.57	-18.08	-17.57	-17.06	-16.55	-16.05	-15.55	-15.08
0.44	-14.61	-14.16	-13.73	-13.31	-12.91	-12.52	-12.15	-11.79	-11.45	-11.12
0.46	-10.80	-10.50	-10.21	-9.93	-9.66	-9.41	-9.17	-8.93	-8.71	-8.50
0.48	-8.30	-8.10	-7.92	-7.75	-7.58	-7.43	-7.28	-7.14	-7.01	-6.89
0.50	-6.78	-6.67	-6.57	-6.48	-6.40	-6.33	-6.26	-6.21	-6.15	-6.11
0.52	-6.08	-6.05	-6.03	-6.02	-6.01	-6.02	-6.03	-6.05	-6.08	-6.12
0.54	-6.16	-6.21	-6.28	-6.35	-6.42	-6.51	-6.61	-6.72	-6.83	-6.96
0.56	-7.09	-7.24	-7.39	-7.56	-7.73	-7.92	-8.11	-8.31	-8.53	-8.75
0.58	-8.98	-9.22	-9.46	-9.71	-9.97	-10.22	-10.47	-10.72	-10.96	-11.18
0.60	-11.38	-11.55	-11.70	-11.80	-11.87	-11.88	-11.85	-11.76	-11.63	-11.46
0.62	-11.24	-10.99	-10.71	-10.40	-10.08	-9.74	-9.40	-9.05	-8.70	-8.35
0.64	-8.01	-7.67	-7.34	-7.02	-6.71	-6.40	-6.10	-5.82	-5.54	-5.27
0.66	-5.02	-4.77	-4.53	-4.30	-4.08	-3.87	-3.67	-3.48	-3.30	-3.12
0.68	-2.96	-2.80	-2.65	-2.51	-2.37	-2.25	-2.13	-2.02	-1.92	-1.82
0.70	-1.73	-1.65	-1.58	-1.51	-1.46	-1.40	-1.36	-1.32	-1.29	-1.27
0.72	-1.25	-1.25	-1.24	-1.25	-1.26	-1.28	-1.31	-1.34	-1.38	-1.43
0.74	-1.48	-1.55	-1.62	-1.69	-1.78	-1.87	-1.96	-2.07	-2.18	-2.30
0.76	-2.42	-2.55	-2.69	-2.83	-2.98	-3.13	-3.29	-3.45	-3.62	-3.78
0.78	-3.95	-4.12	-4.28	-4.45	-4.60	-4.76	-4.90	-5.03	-5.15	-5.25
0.80	-5.33	-5.39	-5.43	-5.45	-5.44	-5.41	-5.35	-5.27	-5.16	-5.04
0.82	-4.89	-4.72	-4.54	-4.34	-4.14	-3.92	-3.70	-3.47	-3.24	-3.00
0.84	-2.77	-2.54	-2.31	-2.08	-1.86	-1.64	-1.42	-1.21	-1.01	-0.81
0.86	-0.61	-0.43	-0.25	-0.07	0.09	0.25	0.41	0.55	0.70	0.83
0.88	0.96	1.08	1.19	1.30	1.40	1.50	1.58	1.67	1.74	1.81
0.90	1.87	1.93	1.98	2.03	2.06	2.10	2.12	2.14	2.16	2.17
0.92	2.17	2.16	2.15	2.14	2.12	2.09	2.06	2.02	1.98	1.93
0.94	1.88	1.82	1.76	1.69	1.61	1.54	1.45	1.37	1.28	1.18
0.96	1.09	0.99	0.89	0.78	0.68	0.57	0.46	0.36	0.25	0.15
0.98	0.05	-0.05	-0.14	-0.22	-0.30	-0.37	-0.43	-0.49	-0.53	-0.55

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 19.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	-0.57	-0.03	1.40	2.90	4.03	4.68	4.84	4.57	4.01	3.41
1.2	3.25	3.77	4.77	5.79	6.57	7.00	7.09	6.89	6.54	6.27
1.4	6.34	6.82	7.53	8.23	8.76	9.04	9.08	8.94	8.76	8.70
1.6	8.88	9.31	9.84	10.34	10.69	10.86	10.87	10.79	10.72	10.77
1.8	11.01	11.39	11.81	12.18	12.42	12.52	12.51	12.46	12.45	12.57
2.0	12.82	13.17	13.52	13.80	13.97	14.02	14.00	13.97	14.00	14.15
2.2	14.40	14.72	15.01	15.23	15.35	15.38	15.36	15.34	15.40	15.56
2.4	15.80	16.08	16.33	16.51	16.60	16.61	16.59	16.60	16.67	16.83
2.6	17.05	17.29	17.50	17.64	17.71	17.72	17.72	17.74	17.82	17.98
2.8	18.18	18.38	18.55	18.66	18.72	18.73	18.73	18.77	18.87	19.01
3.0	19.19	19.36	19.50	19.59	19.63	19.64	19.66	19.71	19.81	19.95
3.2	20.10	20.25	20.36	20.42	20.45	20.47	20.50	20.56	20.66	20.79
3.4	20.93	21.05	21.13	21.18	21.20	21.22	21.25	21.32	21.42	21.54
3.6	21.67	21.77	21.83	21.87	21.88	21.90	21.94	22.01	22.11	22.22
3.8	22.33	22.41	22.46	22.49	22.50	22.52	22.56	22.63	22.72	22.82
4.0	22.92	22.99	23.03	23.05	23.05	23.07	23.11	23.18	23.27	23.36
4.2	23.44	23.50	23.53	23.54	23.55	23.57	23.61	23.67	23.75	23.83
4.4	23.90	23.94	23.97	23.98	23.98	24.00	24.04	24.11	24.18	24.25
4.6	24.30	24.33	24.35	24.35	24.36	24.38	24.42	24.48	24.54	24.60
4.8	24.64	24.67	24.67	24.67	24.68	24.70	24.74	24.80	24.85	24.90
5.0	24.93	24.94	24.94	24.94	24.95	24.97	25.01	25.06	25.10	25.14
5.2	25.16	25.17	25.16	25.16	25.16	25.18	25.22	25.26	25.30	25.32
5.4	25.34	25.33	25.32	25.32	25.32	25.34	25.37	25.40	25.43	25.45
5.6	25.46	25.45	25.43	25.42	25.42	25.44	25.46	25.49	25.51	25.52
5.8	25.52	25.50	25.48	25.47	25.47	25.48	25.50	25.52	25.53	25.53
6.0	25.52	25.50	25.47	25.46	25.45	25.46	25.48	25.49	25.49	25.48
6.2	25.46	25.43	25.40	25.39	25.38	25.38	25.39	25.39	25.39	25.37
6.4	25.34	25.30	25.27	25.25	25.23	25.23	25.23	25.23	25.21	25.18
6.6	25.14	25.10	25.06	25.03	25.02	25.01	25.00	24.99	24.96	24.92
6.8	24.87	24.82	24.78	24.74	24.72	24.71	24.69	24.66	24.63	24.57
7.0	24.52	24.46	24.41	24.37	24.34	24.31	24.29	24.25	24.20	24.13
7.2	24.07	24.00	23.94	23.89	23.85	23.82	23.78	23.73	23.66	23.59
7.4	23.50	23.42	23.36	23.30	23.25	23.20	23.15	23.08	23.00	22.91
7.6	22.81	22.72	22.64	22.57	22.51	22.44	22.37	22.28	22.18	22.07
7.8	21.95	21.85	21.75	21.66	21.58	21.50	21.41	21.29	21.17	21.03
8.0	20.89	20.76	20.64	20.54	20.44	20.33	20.20	20.06	19.89	19.72
8.2	19.55	19.39	19.25	19.11	18.98	18.83	18.66	18.47	18.26	18.04
8.4	17.82	17.61	17.42	17.24	17.06	16.85	16.62	16.36	16.07	15.77
8.6	15.47	15.18	14.92	14.65	14.38	14.07	13.72	13.32	12.89	12.43
8.8	11.97	11.52	11.09	10.64	10.16	9.61	8.97	8.23	7.39	6.48
9.0	5.51	4.50	3.44	2.25	0.81	-1.05	-3.64	-7.59	-15.25	-22.45
9.2	-10.44	-5.77	-2.88	-0.73	1.06	2.63	4.06	5.34	6.46	7.42
9.4	8.24	8.95	9.58	10.17	10.75	11.33	11.91	12.46	12.99	13.46
9.6	13.89	14.28	14.64	14.99	15.34	15.70	16.07	16.43	16.77	17.08
9.8	17.37	17.64	17.89	18.14	18.40	18.66	18.93	19.20	19.45	19.68

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 20.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-39.92	-39.59	-39.27	-38.97	-38.68	-38.41	-38.15	-37.90	-37.67	-37.45
0.12	-37.25	-37.06	-36.88	-36.72	-36.57	-36.44	-36.31	-36.20	-36.11	-36.03
0.14	-35.96	-35.90	-35.86	-35.83	-35.81	-35.80	-35.80	-35.81	-35.83	-35.86
0.16	-35.89	-35.93	-35.96	-35.99	-36.01	-36.01	-36.00	-35.95	-35.88	-35.77
0.18	-35.61	-35.41	-35.16	-34.86	-34.51	-34.12	-33.69	-33.22	-32.73	-32.22
0.20	-31.69	-31.16	-30.61	-30.06	-29.52	-28.97	-28.43	-27.90	-27.38	-26.86
0.22	-26.36	-25.86	-25.38	-24.90	-24.43	-23.98	-23.54	-23.10	-22.68	-22.27
0.24	-21.86	-21.47	-21.09	-20.72	-20.35	-20.00	-19.65	-19.32	-18.99	-18.68
0.26	-18.37	-18.07	-17.78	-17.50	-17.23	-16.96	-16.71	-16.46	-16.22	-15.99
0.28	-15.77	-15.55	-15.35	-15.15	-14.96	-14.78	-14.61	-14.44	-14.29	-14.14
0.30	-14.00	-13.86	-13.74	-13.62	-13.51	-13.41	-13.32	-13.23	-13.16	-13.09
0.32	-13.03	-12.97	-12.93	-12.89	-12.87	-12.85	-12.84	-12.83	-12.84	-12.85
0.34	-12.88	-12.91	-12.95	-13.00	-13.07	-13.14	-13.22	-13.31	-13.41	-13.53
0.36	-13.65	-13.79	-13.94	-14.10	-14.27	-14.46	-14.66	-14.88	-15.11	-15.35
0.38	-15.61	-15.88	-16.17	-16.47	-16.78	-17.10	-17.43	-17.77	-18.10	-18.43
0.40	-18.74	-19.03	-19.28	-19.47	-19.60	-19.65	-19.61	-19.49	-19.28	-18.99
0.42	-18.64	-18.23	-17.78	-17.30	-16.81	-16.31	-15.81	-15.32	-14.83	-14.36
0.44	-13.89	-13.45	-13.01	-12.59	-12.19	-11.80	-11.42	-11.06	-10.72	-10.39
0.46	-10.07	-9.76	-9.47	-9.19	-8.92	-8.66	-8.41	-8.18	-7.95	-7.74
0.48	-7.53	-7.34	-7.15	-6.97	-6.81	-6.65	-6.50	-6.36	-6.22	-6.10
0.50	-5.98	-5.87	-5.77	-5.68	-5.59	-5.52	-5.45	-5.39	-5.33	-5.29
0.52	-5.25	-5.22	-5.19	-5.18	-5.17	-5.17	-5.18	-5.19	-5.21	-5.25
0.54	-5.28	-5.33	-5.39	-5.45	-5.52	-5.61	-5.70	-5.80	-5.90	-6.02
0.56	-6.15	-6.28	-6.43	-6.58	-6.75	-6.92	-7.10	-7.30	-7.50	-7.71
0.58	-7.92	-8.15	-8.38	-8.61	-8.85	-9.09	-9.33	-9.56	-9.79	-10.00
0.60	-10.20	-10.37	-10.52	-10.64	-10.72	-10.75	-10.75	-10.69	-10.60	-10.45
0.62	-10.27	-10.06	-9.81	-9.53	-9.24	-8.93	-8.61	-8.28	-7.95	-7.61
0.64	-7.28	-6.95	-6.63	-6.32	-6.01	-5.71	-5.41	-5.13	-4.85	-4.59
0.66	-4.33	-4.08	-3.84	-3.61	-3.39	-3.18	-2.98	-2.78	-2.60	-2.42
0.68	-2.25	-2.09	-1.94	-1.80	-1.66	-1.53	-1.41	-1.29	-1.19	-1.09
0.70	-1.00	-0.91	-0.84	-0.77	-0.70	-0.65	-0.60	-0.56	-0.52	-0.49
0.72	-0.47	-0.46	-0.45	-0.45	-0.46	-0.47	-0.49	-0.52	-0.55	-0.59
0.74	-0.64	-0.69	-0.75	-0.82	-0.89	-0.97	-1.06	-1.16	-1.26	-1.36
0.76	-1.48	-1.60	-1.72	-1.85	-1.99	-2.13	-2.27	-2.42	-2.57	-2.72
0.78	-2.87	-3.03	-3.18	-3.33	-3.48	-3.62	-3.75	-3.87	-3.99	-4.09
0.80	-4.17	-4.24	-4.28	-4.31	-4.32	-4.30	-4.27	-4.21	-4.12	-4.02
0.82	-3.90	-3.76	-3.60	-3.43	-3.25	-3.06	-2.86	-2.65	-2.44	-2.22
0.84	-2.01	-1.79	-1.57	-1.35	-1.14	-0.93	-0.72	-0.52	-0.32	-0.12
0.86	0.06	0.25	0.43	0.60	0.76	0.92	1.08	1.22	1.36	1.50
0.88	1.63	1.75	1.87	1.98	2.08	2.18	2.27	2.35	2.43	2.51
0.90	2.57	2.63	2.69	2.74	2.78	2.82	2.85	2.88	2.90	2.91
0.92	2.92	2.92	2.92	2.91	2.90	2.88	2.86	2.83	2.79	2.75
0.94	2.71	2.66	2.61	2.55	2.49	2.42	2.35	2.27	2.19	2.11
0.96	2.03	1.94	1.85	1.76	1.67	1.57	1.48	1.38	1.29	1.20
0.98	1.11	1.02	0.94	0.86	0.79	0.73	0.67	0.62	0.58	0.55

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 20.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	0.53	0.94	2.19	3.59	4.70	5.36	5.58	5.39	4.93	4.42
1.2	4.26	4.69	5.56	6.50	7.25	7.70	7.83	7.70	7.42	7.21
1.4	7.27	7.68	8.31	8.96	9.46	9.75	9.82	9.73	9.60	9.56
1.6	9.73	10.11	10.60	11.07	11.41	11.59	11.62	11.56	11.51	11.57
1.8	11.79	12.14	12.55	12.90	13.14	13.25	13.25	13.21	13.20	13.31
2.0	13.55	13.87	14.22	14.50	14.67	14.74	14.72	14.69	14.72	14.84
2.2	15.08	15.38	15.67	15.90	16.03	16.07	16.05	16.04	16.08	16.21
2.4	16.43	16.70	16.94	17.13	17.23	17.26	17.25	17.25	17.30	17.44
2.6	17.64	17.87	18.07	18.22	18.30	18.32	18.32	18.34	18.41	18.54
2.8	18.72	18.91	19.08	19.20	19.26	19.27	19.28	19.32	19.39	19.52
3.0	19.69	19.85	19.98	20.07	20.11	20.13	20.15	20.19	20.27	20.40
3.2	20.54	20.68	20.79	20.85	20.88	20.90	20.92	20.97	21.06	21.18
3.4	21.31	21.42	21.51	21.55	21.57	21.58	21.61	21.66	21.75	21.86
3.6	21.98	22.07	22.14	22.18	22.19	22.19	22.22	22.27	22.36	22.46
3.8	22.56	22.65	22.70	22.72	22.73	22.73	22.76	22.81	22.89	22.98
4.0	23.07	23.14	23.18	23.19	23.20	23.20	23.23	23.28	23.35	23.43
4.2	23.51	23.56	23.59	23.60	23.60	23.60	23.63	23.68	23.74	23.81
4.4	23.87	23.91	23.93	23.93	23.93	23.93	23.96	24.00	24.06	24.12
4.6	24.17	24.19	24.20	24.19	24.19	24.19	24.22	24.26	24.31	24.36
4.8	24.40	24.41	24.41	24.39	24.39	24.39	24.41	24.45	24.49	24.53
5.0	24.55	24.56	24.55	24.53	24.51	24.52	24.54	24.57	24.60	24.63
5.2	24.64	24.64	24.62	24.59	24.58	24.57	24.59	24.62	24.64	24.66
5.4	24.66	24.64	24.62	24.59	24.57	24.56	24.57	24.59	24.61	24.61
5.6	24.60	24.57	24.54	24.50	24.48	24.47	24.47	24.48	24.49	24.48
5.8	24.46	24.42	24.38	24.34	24.31	24.30	24.29	24.29	24.29	24.27
6.0	24.23	24.19	24.13	24.09	24.05	24.03	24.02	24.01	23.99	23.96
6.2	23.91	23.85	23.79	23.73	23.69	23.66	23.64	23.62	23.59	23.54
6.4	23.48	23.41	23.33	23.27	23.22	23.18	23.15	23.12	23.07	23.01
6.6	22.93	22.84	22.75	22.67	22.61	22.57	22.52	22.47	22.41	22.32
6.8	22.22	22.12	22.01	21.92	21.85	21.78	21.72	21.65	21.57	21.46
7.0	21.34	21.21	21.08	20.97	20.88	20.80	20.71	20.62	20.50	20.36
7.2	20.21	20.05	19.90	19.77	19.65	19.54	19.42	19.29	19.14	18.96
7.4	18.76	18.56	18.38	18.20	18.05	17.90	17.74	17.55	17.34	17.10
7.6	16.84	16.58	16.32	16.09	15.88	15.66	15.43	15.16	14.85	14.50
7.8	14.12	13.74	13.38	13.03	12.70	12.35	11.97	11.53	11.01	10.42
8.0	9.78	9.11	8.45	7.80	7.14	6.42	5.57	4.53	3.24	1.63
8.2	-0.35	-2.80	-5.89	-10.19	-18.14	-21.18	-10.77	-5.70	-2.31	0.19
8.4	2.12	3.62	4.82	5.80	6.66	7.46	8.25	9.03	9.79	10.50
8.6	11.15	11.72	12.23	12.68	13.10	13.51	13.93	14.36	14.80	15.22
8.8	15.61	15.96	16.28	16.57	16.85	17.14	17.43	17.73	18.04	18.33
9.0	18.61	18.86	19.09	19.31	19.52	19.74	19.97	20.20	20.44	20.67
9.2	20.88	21.08	21.26	21.43	21.60	21.78	21.96	22.15	22.34	22.53
9.4	22.70	22.86	23.01	23.15	23.30	23.44	23.60	23.76	23.92	24.07
9.6	24.22	24.35	24.47	24.60	24.72	24.85	24.98	25.12	25.25	25.38
9.8	25.51	25.62	25.73	25.83	25.94	26.05	26.17	26.29	26.40	26.52

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 21.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-39.08	-38.75	-38.43	-38.13	-37.84	-37.56	-37.30	-37.06	-36.82	-36.60
0.12	-36.40	-36.21	-36.03	-35.86	-35.71	-35.58	-35.45	-35.34	-35.24	-35.16
0.14	-35.08	-35.02	-34.98	-34.94	-34.92	-34.91	-34.91	-34.92	-34.94	-34.96
0.16	-34.99	-35.02	-35.05	-35.08	-35.10	-35.11	-35.09	-35.06	-34.99	-34.88
0.18	-34.74	-34.54	-34.30	-34.02	-33.68	-33.30	-32.88	-32.43	-31.95	-31.44
0.20	-30.92	-30.39	-29.85	-29.30	-28.76	-28.22	-27.68	-27.15	-26.62	-26.11
0.22	-25.60	-25.10	-24.62	-24.14	-23.67	-23.22	-22.77	-22.34	-21.91	-21.50
0.24	-21.10	-20.70	-20.32	-19.94	-19.58	-19.22	-18.88	-18.54	-18.21	-17.89
0.26	-17.58	-17.28	-16.99	-16.71	-16.43	-16.17	-15.91	-15.66	-15.42	-15.19
0.28	-14.97	-14.75	-14.54	-14.35	-14.15	-13.97	-13.80	-13.63	-13.47	-13.32
0.30	-13.18	-13.04	-12.92	-12.80	-12.69	-12.59	-12.49	-12.40	-12.32	-12.25
0.32	-12.19	-12.13	-12.09	-12.05	-12.02	-12.00	-11.98	-11.98	-11.98	-11.99
0.34	-12.01	-12.04	-12.08	-12.13	-12.19	-12.25	-12.33	-12.42	-12.52	-12.62
0.36	-12.74	-12.87	-13.02	-13.17	-13.34	-13.52	-13.71	-13.92	-14.14	-14.37
0.38	-14.62	-14.88	-15.16	-15.44	-15.75	-16.06	-16.38	-16.70	-17.03	-17.35
0.40	-17.65	-17.94	-18.19	-18.40	-18.55	-18.62	-18.62	-18.54	-18.37	-18.12
0.42	-17.81	-17.43	-17.02	-16.57	-16.09	-15.61	-15.12	-14.64	-14.16	-13.69
0.44	-13.23	-12.78	-12.34	-11.92	-11.52	-11.13	-10.75	-10.39	-10.04	-9.71
0.46	-9.38	-9.08	-8.78	-8.50	-8.22	-7.96	-7.71	-7.47	-7.25	-7.03
0.48	-6.82	-6.62	-6.43	-6.25	-6.08	-5.92	-5.77	-5.62	-5.49	-5.36
0.50	-5.24	-5.13	-5.02	-4.93	-4.84	-4.76	-4.68	-4.62	-4.56	-4.51
0.52	-4.47	-4.43	-4.40	-4.38	-4.37	-4.37	-4.37	-4.38	-4.40	-4.42
0.54	-4.46	-4.50	-4.55	-4.61	-4.67	-4.75	-4.83	-4.92	-5.02	-5.13
0.56	-5.25	-5.38	-5.51	-5.66	-5.81	-5.97	-6.14	-6.32	-6.51	-6.71
0.58	-6.91	-7.12	-7.34	-7.56	-7.78	-8.01	-8.24	-8.46	-8.67	-8.88
0.60	-9.07	-9.24	-9.39	-9.51	-9.60	-9.66	-9.67	-9.65	-9.58	-9.47
0.62	-9.32	-9.14	-8.93	-8.69	-8.42	-8.14	-7.84	-7.53	-7.22	-6.90
0.64	-6.59	-6.27	-5.96	-5.65	-5.35	-5.05	-4.76	-4.48	-4.21	-3.95
0.66	-3.69	-3.44	-3.20	-2.97	-2.75	-2.54	-2.34	-2.14	-1.95	-1.77
0.68	-1.60	-1.44	-1.28	-1.14	-1.00	-0.86	-0.74	-0.62	-0.51	-0.41
0.70	-0.31	-0.23	-0.14	-0.07	-0.00	0.06	0.11	0.16	0.20	0.23
0.72	0.26	0.28	0.29	0.30	0.30	0.29	0.28	0.26	0.23	0.20
0.74	0.16	0.11	0.06	0.00	-0.07	-0.14	-0.22	-0.30	-0.39	-0.49
0.76	-0.59	-0.70	-0.81	-0.93	-1.05	-1.18	-1.31	-1.44	-1.58	-1.72
0.78	-1.86	-2.00	-2.14	-2.28	-2.41	-2.54	-2.66	-2.78	-2.89	-2.98
0.80	-3.07	-3.14	-3.19	-3.22	-3.24	-3.24	-3.22	-3.18	-3.12	-3.04
0.82	-2.94	-2.82	-2.69	-2.55	-2.39	-2.22	-2.04	-1.86	-1.66	-1.47
0.84	-1.26	-1.06	-0.86	-0.65	-0.45	-0.25	-0.05	0.14	0.33	0.52
0.86	0.71	0.88	1.06	1.23	1.39	1.55	1.70	1.85	1.99	2.12
0.88	2.25	2.37	2.49	2.60	2.71	2.81	2.90	2.99	3.07	3.15
0.90	3.22	3.28	3.34	3.40	3.44	3.49	3.52	3.55	3.58	3.60
0.92	3.62	3.63	3.63	3.63	3.62	3.61	3.60	3.57	3.55	3.52
0.94	3.48	3.44	3.40	3.35	3.30	3.24	3.18	3.12	3.05	2.98
0.96	2.90	2.83	2.75	2.67	2.59	2.51	2.42	2.34	2.26	2.18
0.98	2.10	2.02	1.95	1.88	1.82	1.76	1.70	1.66	1.62	1.58

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 21.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	1.56	1.86	2.96	4.25	5.32	6.00	6.26	6.15	5.78	5.36
1.2	5.21	5.56	6.32	7.18	7.90	8.35	8.52	8.44	8.23	8.07
1.4	8.13	8.49	9.06	9.65	10.13	10.42	10.52	10.46	10.36	10.35
1.6	10.51	10.86	11.31	11.75	12.08	12.27	12.31	12.27	12.23	12.29
1.8	12.49	12.83	13.21	13.56	13.80	13.92	13.93	13.89	13.88	13.98
2.0	14.19	14.50	14.84	15.12	15.30	15.38	15.38	15.35	15.36	15.46
2.2	15.68	15.96	16.24	16.47	16.62	16.67	16.67	16.65	16.68	16.79
2.4	16.99	17.23	17.47	17.66	17.77	17.81	17.81	17.81	17.85	17.97
2.6	18.15	18.36	18.55	18.70	18.79	18.82	18.82	18.84	18.89	19.01
2.8	19.17	19.35	19.51	19.62	19.69	19.71	19.72	19.74	19.81	19.93
3.0	20.07	20.23	20.35	20.44	20.49	20.50	20.51	20.54	20.62	20.73
3.2	20.86	20.99	21.10	21.16	21.19	21.20	21.21	21.24	21.32	21.42
3.4	21.54	21.66	21.74	21.79	21.80	21.80	21.81	21.85	21.92	22.02
3.6	22.13	22.23	22.29	22.33	22.33	22.33	22.34	22.37	22.44	22.53
3.8	22.62	22.70	22.75	22.78	22.77	22.77	22.78	22.81	22.87	22.95
4.0	23.03	23.09	23.13	23.14	23.13	23.13	23.13	23.17	23.22	23.29
4.2	23.35	23.40	23.42	23.42	23.41	23.40	23.41	23.44	23.49	23.55
4.4	23.60	23.63	23.64	23.63	23.61	23.60	23.60	23.63	23.67	23.72
4.6	23.76	23.77	23.77	23.75	23.72	23.70	23.71	23.73	23.77	23.80
4.8	23.83	23.83	23.81	23.78	23.75	23.73	23.73	23.75	23.77	23.80
5.0	23.81	23.80	23.77	23.73	23.69	23.67	23.66	23.67	23.69	23.70
5.2	23.70	23.67	23.63	23.58	23.54	23.50	23.49	23.49	23.50	23.50
5.4	23.48	23.44	23.39	23.33	23.28	23.24	23.22	23.21	23.20	23.19
5.6	23.15	23.10	23.03	22.96	22.90	22.85	22.82	22.80	22.78	22.75
5.8	22.69	22.62	22.54	22.46	22.38	22.32	22.28	22.25	22.21	22.16
6.0	22.09	22.00	21.89	21.79	21.70	21.63	21.58	21.53	21.47	21.40
6.2	21.30	21.18	21.06	20.93	20.83	20.74	20.66	20.59	20.51	20.41
6.4	20.28	20.13	19.98	19.83	19.69	19.58	19.48	19.38	19.27	19.13
6.6	18.96	18.77	18.57	18.38	18.21	18.06	17.92	17.78	17.61	17.42
6.8	17.19	16.93	16.67	16.42	16.19	15.98	15.78	15.57	15.33	15.04
7.0	14.71	14.34	13.97	13.60	13.26	12.95	12.63	12.28	11.88	11.40
7.2	10.85	10.23	9.59	8.96	8.34	7.73	7.09	6.34	5.44	4.30
7.4	2.90	1.19	-0.86	-3.30	-6.31	-10.50	-18.82	-20.24	-9.93	-4.96
7.6	-1.68	0.69	2.48	3.86	4.96	5.89	6.73	7.55	8.38	9.19
7.8	9.97	10.68	11.30	11.84	12.31	12.74	13.16	13.59	14.03	14.48
8.0	14.92	15.34	15.72	16.05	16.35	16.64	16.92	17.21	17.52	17.83
8.2	18.14	18.44	18.70	18.94	19.17	19.38	19.60	19.82	20.06	20.30
8.4	20.53	20.76	20.96	21.15	21.33	21.50	21.67	21.85	22.05	22.24
8.6	22.43	22.61	22.77	22.93	23.07	23.21	23.36	23.51	23.67	23.84
8.8	23.99	24.14	24.28	24.40	24.53	24.65	24.77	24.90	25.04	25.18
9.0	25.31	25.44	25.55	25.66	25.76	25.87	25.98	26.09	26.21	26.33
9.2	26.44	26.55	26.65	26.74	26.83	26.92	27.02	27.12	27.22	27.33
9.4	27.43	27.52	27.60	27.68	27.76	27.84	27.93	28.02	28.11	28.19
9.6	28.28	28.36	28.43	28.50	28.57	28.64	28.72	28.80	28.87	28.95
9.8	29.03	29.09	29.16	29.22	29.28	29.34	29.41	29.48	29.55	29.61

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 22.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-38.29	-37.96	-37.64	-37.33	-37.04	-36.76	-36.50	-36.25	-36.02	-35.80
0.12	-35.59	-35.40	-35.22	-35.05	-34.89	-34.75	-34.63	-34.51	-34.41	-34.32
0.14	-34.25	-34.19	-34.14	-34.10	-34.07	-34.06	-34.06	-34.06	-34.08	-34.10
0.16	-34.13	-34.16	-34.19	-34.21	-34.23	-34.24	-34.23	-34.19	-34.13	-34.03
0.18	-33.90	-33.71	-33.49	-33.21	-32.89	-32.52	-32.11	-31.67	-31.20	-30.70
0.20	-30.19	-29.66	-29.12	-28.58	-28.04	-27.50	-26.97	-26.43	-25.91	-25.39
0.22	-24.89	-24.39	-23.90	-23.43	-22.96	-22.50	-22.05	-21.62	-21.19	-20.78
0.24	-20.37	-19.97	-19.59	-19.21	-18.85	-18.49	-18.14	-17.80	-17.47	-17.15
0.26	-16.84	-16.54	-16.25	-15.96	-15.69	-15.42	-15.16	-14.91	-14.67	-14.44
0.28	-14.21	-13.99	-13.78	-13.58	-13.39	-13.21	-13.03	-12.86	-12.70	-12.55
0.30	-12.40	-12.27	-12.14	-12.02	-11.91	-11.80	-11.70	-11.61	-11.53	-11.46
0.32	-11.39	-11.34	-11.29	-11.25	-11.21	-11.19	-11.17	-11.16	-11.16	-11.17
0.34	-11.19	-11.21	-11.25	-11.29	-11.35	-11.41	-11.48	-11.56	-11.66	-11.76
0.36	-11.87	-12.00	-12.13	-12.28	-12.44	-12.61	-12.80	-13.00	-13.21	-13.43
0.38	-13.67	-13.92	-14.19	-14.46	-14.75	-15.05	-15.36	-15.67	-15.99	-16.30
0.40	-16.60	-16.88	-17.14	-17.35	-17.52	-17.62	-17.65	-17.61	-17.48	-17.27
0.42	-17.00	-16.66	-16.28	-15.86	-15.41	-14.94	-14.47	-13.99	-13.52	-13.06
0.44	-12.60	-12.15	-11.72	-11.30	-10.90	-10.50	-10.13	-9.76	-9.41	-9.07
0.46	-8.75	-8.44	-8.14	-7.85	-7.58	-7.31	-7.06	-6.82	-6.59	-6.36
0.48	-6.15	-5.95	-5.76	-5.58	-5.40	-5.24	-5.08	-4.93	-4.79	-4.66
0.50	-4.54	-4.42	-4.32	-4.22	-4.12	-4.04	-3.96	-3.89	-3.83	-3.78
0.52	-3.73	-3.69	-3.66	-3.64	-3.62	-3.61	-3.61	-3.61	-3.63	-3.65
0.54	-3.67	-3.71	-3.75	-3.81	-3.87	-3.93	-4.01	-4.09	-4.19	-4.29
0.56	-4.40	-4.52	-4.64	-4.78	-4.92	-5.07	-5.23	-5.40	-5.58	-5.76
0.58	-5.95	-6.15	-6.35	-6.56	-6.77	-6.98	-7.19	-7.40	-7.60	-7.80
0.60	-7.98	-8.15	-8.30	-8.43	-8.53	-8.60	-8.63	-8.63	-8.59	-8.51
0.62	-8.39	-8.24	-8.06	-7.85	-7.62	-7.36	-7.09	-6.81	-6.52	-6.22
0.64	-5.92	-5.62	-5.32	-5.02	-4.72	-4.44	-4.15	-3.88	-3.61	-3.35
0.66	-3.09	-2.85	-2.61	-2.38	-2.16	-1.94	-1.74	-1.54	-1.35	-1.17
0.68	-1.00	-0.83	-0.68	-0.52	-0.38	-0.25	-0.12	0.00	0.11	0.22
0.70	0.32	0.41	0.50	0.58	0.65	0.71	0.77	0.82	0.87	0.91
0.72	0.94	0.96	0.98	1.00	1.00	1.00	0.99	0.98	0.96	0.94
0.74	0.90	0.87	0.82	0.77	0.71	0.65	0.58	0.51	0.43	0.34
0.76	0.25	0.15	0.05	-0.05	-0.17	-0.28	-0.40	-0.52	-0.64	-0.77
0.78	-0.90	-1.02	-1.15	-1.28	-1.40	-1.52	-1.64	-1.74	-1.85	-1.94
0.80	-2.02	-2.09	-2.14	-2.18	-2.21	-2.22	-2.21	-2.19	-2.14	-2.08
0.82	-2.01	-1.91	-1.80	-1.68	-1.55	-1.40	-1.24	-1.08	-0.90	-0.73
0.84	-0.54	-0.36	-0.17	0.02	0.21	0.40	0.59	0.77	0.96	1.14
0.86	1.32	1.49	1.66	1.82	1.98	2.14	2.29	2.43	2.57	2.71
0.88	2.83	2.96	3.08	3.19	3.29	3.40	3.49	3.58	3.67	3.75
0.90	3.82	3.89	3.95	4.01	4.06	4.11	4.15	4.19	4.22	4.24
0.92	4.26	4.28	4.29	4.29	4.30	4.29	4.28	4.27	4.25	4.23
0.94	4.20	4.17	4.13	4.10	4.05	4.01	3.95	3.90	3.84	3.78
0.96	3.72	3.66	3.59	3.52	3.45	3.38	3.31	3.23	3.16	3.09
0.98	3.02	2.96	2.89	2.83	2.77	2.72	2.67	2.62	2.59	2.56

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 22.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	2.53	2.75	3.70	4.89	5.92	6.60	6.90	6.85	6.56	6.21
1.2	6.09	6.39	7.05	7.84	8.52	8.97	9.16	9.13	8.97	8.85
1.4	8.91	9.24	9.75	10.30	10.76	11.05	11.16	11.14	11.06	11.05
1.6	11.21	11.53	11.96	12.38	12.71	12.90	12.96	12.92	12.89	12.94
1.8	13.12	13.44	13.81	14.15	14.40	14.53	14.55	14.52	14.50	14.57
2.0	14.77	15.06	15.38	15.67	15.86	15.95	15.96	15.93	15.93	16.01
2.2	16.20	16.46	16.74	16.97	17.12	17.19	17.20	17.18	17.20	17.29
2.4	17.46	17.68	17.91	18.10	18.22	18.27	18.28	18.27	18.31	18.40
2.6	18.56	18.75	18.94	19.08	19.17	19.21	19.22	19.23	19.27	19.37
2.8	19.52	19.68	19.83	19.95	20.01	20.03	20.04	20.05	20.11	20.21
3.0	20.34	20.49	20.61	20.69	20.74	20.75	20.75	20.77	20.82	20.92
3.2	21.04	21.17	21.27	21.33	21.36	21.36	21.35	21.37	21.43	21.52
3.4	21.63	21.74	21.82	21.87	21.88	21.87	21.86	21.88	21.93	22.01
3.6	22.11	22.20	22.26	22.29	22.30	22.28	22.27	22.29	22.33	22.40
3.8	22.49	22.56	22.61	22.62	22.61	22.59	22.58	22.60	22.64	22.70
4.0	22.77	22.82	22.85	22.85	22.83	22.81	22.80	22.81	22.84	22.90
4.2	22.95	22.98	22.99	22.98	22.95	22.92	22.91	22.91	22.94	22.99
4.4	23.02	23.04	23.04	23.01	22.97	22.93	22.91	22.91	22.94	22.97
4.6	22.99	23.00	22.98	22.93	22.88	22.83	22.81	22.80	22.82	22.83
4.8	22.84	22.83	22.79	22.74	22.67	22.62	22.58	22.57	22.57	22.58
5.0	22.57	22.54	22.48	22.41	22.34	22.27	22.22	22.20	22.19	22.18
5.2	22.15	22.10	22.03	21.94	21.85	21.77	21.71	21.67	21.64	21.61
5.4	21.56	21.49	21.39	21.28	21.18	21.08	21.01	20.96	20.91	20.86
5.6	20.78	20.68	20.55	20.41	20.28	20.17	20.08	20.00	19.93	19.85
5.8	19.74	19.60	19.44	19.26	19.10	18.95	18.84	18.73	18.63	18.51
6.0	18.36	18.17	17.95	17.73	17.51	17.32	17.16	17.01	16.86	16.68
6.2	16.46	16.20	15.90	15.60	15.30	15.04	14.80	14.58	14.34	14.06
6.4	13.72	13.33	12.88	12.42	11.96	11.54	11.15	10.77	10.34	9.83
6.6	9.21	8.47	7.62	6.71	5.78	4.85	3.91	2.88	1.64	-0.01
6.8	-2.31	-5.73	-11.65	-30.42	-13.08	-7.33	-4.12	-1.82	0.11	1.86
7.0	3.47	4.90	6.13	7.16	8.02	8.73	9.35	9.93	10.51	11.12
7.2	11.73	12.34	12.90	13.40	13.84	14.22	14.57	14.91	15.26	15.64
7.4	16.02	16.41	16.77	17.10	17.39	17.65	17.90	18.14	18.40	18.67
7.6	18.95	19.23	19.50	19.74	19.96	20.16	20.35	20.54	20.74	20.96
7.8	21.18	21.40	21.60	21.79	21.97	22.13	22.28	22.44	22.61	22.78
8.0	22.96	23.14	23.31	23.46	23.60	23.73	23.86	24.00	24.14	24.29
8.2	24.44	24.59	24.72	24.85	24.97	25.08	25.19	25.31	25.43	25.56
8.4	25.68	25.81	25.93	26.03	26.13	26.23	26.32	26.42	26.53	26.64
8.6	26.75	26.85	26.95	27.05	27.13	27.21	27.29	27.38	27.47	27.57
8.8	27.66	27.75	27.84	27.92	27.99	28.06	28.13	28.21	28.29	28.37
9.0	28.45	28.53	28.60	28.67	28.73	28.79	28.85	28.92	28.99	29.06
9.2	29.13	29.19	29.26	29.31	29.36	29.41	29.47	29.53	29.59	29.65
9.4	29.71	29.76	29.81	29.86	29.90	29.95	29.99	30.04	30.09	30.14
9.6	30.19	30.24	30.28	30.32	30.35	30.39	30.43	30.47	30.51	30.56
9.8	30.60	30.63	30.67	30.70	30.72	30.75	30.78	30.82	30.85	30.89

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 23.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-37.53	-37.20	-36.88	-36.57	-36.28	-36.00	-35.73	-35.48	-35.25	-35.03
0.12	-34.82	-34.62	-34.44	-34.27	-34.11	-33.97	-33.84	-33.72	-33.62	-33.53
0.14	-33.45	-33.39	-33.33	-33.29	-33.26	-33.25	-33.24	-33.24	-33.25	-33.27
0.16	-33.30	-33.32	-33.35	-33.38	-33.40	-33.40	-33.39	-33.36	-33.31	-33.22
0.18	-33.09	-32.92	-32.70	-32.44	-32.13	-31.77	-31.38	-30.95	-30.49	-30.00
0.20	-29.49	-28.97	-28.44	-27.90	-27.36	-26.83	-26.29	-25.76	-25.24	-24.72
0.22	-24.22	-23.72	-23.23	-22.75	-22.28	-21.82	-21.38	-20.94	-20.51	-20.09
0.24	-19.69	-19.29	-18.90	-18.52	-18.15	-17.80	-17.45	-17.11	-16.78	-16.45
0.26	-16.14	-15.84	-15.54	-15.26	-14.98	-14.71	-14.45	-14.20	-13.95	-13.72
0.28	-13.49	-13.27	-13.06	-12.86	-12.67	-12.48	-12.30	-12.13	-11.97	-11.81
0.30	-11.67	-11.53	-11.40	-11.28	-11.16	-11.05	-10.95	-10.86	-10.78	-10.70
0.32	-10.64	-10.58	-10.52	-10.48	-10.44	-10.42	-10.40	-10.38	-10.38	-10.39
0.34	-10.40	-10.42	-10.45	-10.49	-10.54	-10.60	-10.67	-10.75	-10.83	-10.93
0.36	-11.04	-11.16	-11.29	-11.43	-11.58	-11.75	-11.92	-12.11	-12.32	-12.53
0.38	-12.76	-13.00	-13.25	-13.52	-13.79	-14.08	-14.38	-14.68	-14.98	-15.28
0.40	-15.58	-15.86	-16.11	-16.34	-16.52	-16.64	-16.70	-16.69	-16.60	-16.44
0.42	-16.20	-15.91	-15.56	-15.17	-14.74	-14.30	-13.84	-13.38	-12.92	-12.46
0.44	-12.01	-11.57	-11.14	-10.72	-10.31	-9.92	-9.54	-9.18	-8.82	-8.48
0.46	-8.16	-7.84	-7.54	-7.25	-6.97	-6.71	-6.45	-6.21	-5.97	-5.75
0.48	-5.53	-5.33	-5.13	-4.95	-4.77	-4.60	-4.44	-4.29	-4.15	-4.01
0.50	-3.88	-3.77	-3.65	-3.55	-3.46	-3.37	-3.29	-3.21	-3.15	-3.09
0.52	-3.04	-3.00	-2.96	-2.93	-2.91	-2.90	-2.89	-2.89	-2.90	-2.91
0.54	-2.93	-2.96	-3.00	-3.05	-3.10	-3.16	-3.23	-3.31	-3.39	-3.49
0.56	-3.59	-3.70	-3.81	-3.94	-4.07	-4.21	-4.36	-4.52	-4.68	-4.85
0.58	-5.03	-5.21	-5.40	-5.60	-5.79	-5.99	-6.19	-6.39	-6.58	-6.77
0.60	-6.94	-7.11	-7.26	-7.38	-7.49	-7.57	-7.62	-7.63	-7.62	-7.56
0.62	-7.48	-7.36	-7.21	-7.03	-6.83	-6.60	-6.36	-6.10	-5.83	-5.55
0.64	-5.27	-4.99	-4.70	-4.41	-4.13	-3.85	-3.57	-3.30	-3.04	-2.78
0.66	-2.53	-2.29	-2.05	-1.82	-1.60	-1.39	-1.18	-0.98	-0.79	-0.61
0.68	-0.44	-0.27	-0.11	0.04	0.19	0.33	0.46	0.58	0.70	0.81
0.70	0.91	1.01	1.10	1.18	1.25	1.32	1.39	1.44	1.49	1.54
0.72	1.57	1.60	1.63	1.65	1.66	1.66	1.66	1.66	1.65	1.63
0.74	1.60	1.57	1.53	1.49	1.44	1.39	1.33	1.26	1.19	1.12
0.76	1.04	0.95	0.86	0.77	0.67	0.56	0.46	0.35	0.24	0.12
0.78	0.01	-0.11	-0.22	-0.34	-0.45	-0.56	-0.66	-0.77	-0.86	-0.95
0.80	-1.02	-1.09	-1.15	-1.19	-1.22	-1.24	-1.24	-1.23	-1.20	-1.16
0.82	-1.10	-1.03	-0.94	-0.84	-0.72	-0.60	-0.46	-0.32	-0.16	-0.00
0.84	0.16	0.33	0.50	0.68	0.85	1.03	1.21	1.38	1.56	1.73
0.86	1.90	2.06	2.23	2.39	2.54	2.69	2.84	2.98	3.12	3.25
0.88	3.38	3.50	3.62	3.74	3.84	3.95	4.04	4.13	4.22	4.30
0.90	4.38	4.45	4.52	4.58	4.63	4.68	4.73	4.77	4.81	4.84
0.92	4.86	4.89	4.90	4.91	4.92	4.92	4.92	4.92	4.90	4.89
0.94	4.87	4.85	4.82	4.79	4.75	4.72	4.68	4.63	4.58	4.53
0.96	4.48	4.43	4.37	4.31	4.25	4.19	4.13	4.06	4.00	3.94
0.98	3.88	3.82	3.77	3.71	3.66	3.61	3.57	3.53	3.49	3.46

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 23.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	3.44	3.60	4.41	5.50	6.48	7.16	7.49	7.50	7.28	7.00
1.2	6.90	7.15	7.74	8.46	9.10	9.55	9.76	9.76	9.65	9.56
1.4	9.62	9.92	10.40	10.91	11.35	11.64	11.76	11.75	11.70	11.69
1.6	11.84	12.14	12.55	12.96	13.29	13.48	13.54	13.52	13.48	13.52
1.8	13.69	13.98	14.34	14.68	14.94	15.08	15.11	15.08	15.05	15.10
2.0	15.27	15.54	15.85	16.14	16.34	16.45	16.47	16.44	16.43	16.49
2.2	16.65	16.89	17.15	17.38	17.54	17.62	17.64	17.62	17.63	17.70
2.4	17.85	18.05	18.26	18.45	18.57	18.63	18.64	18.64	18.66	18.74
2.6	18.88	19.05	19.23	19.37	19.46	19.50	19.50	19.50	19.54	19.62
2.8	19.75	19.90	20.05	20.16	20.22	20.24	20.23	20.24	20.27	20.36
3.0	20.48	20.61	20.73	20.82	20.86	20.86	20.85	20.85	20.88	20.96
3.2	21.07	21.19	21.29	21.35	21.37	21.36	21.34	21.34	21.37	21.44
3.4	21.54	21.64	21.72	21.76	21.77	21.75	21.73	21.72	21.75	21.81
3.6	21.89	21.97	22.03	22.05	22.05	22.02	21.99	21.98	22.01	22.06
3.8	22.12	22.18	22.22	22.23	22.20	22.17	22.14	22.13	22.14	22.18
4.0	22.23	22.27	22.29	22.28	22.24	22.19	22.16	22.14	22.15	22.18
4.2	22.22	22.24	22.24	22.21	22.15	22.09	22.04	22.02	22.02	22.04
4.4	22.06	22.07	22.05	21.99	21.92	21.85	21.79	21.75	21.75	21.75
4.6	21.76	21.74	21.70	21.63	21.54	21.45	21.37	21.33	21.30	21.29
4.8	21.28	21.24	21.17	21.08	20.97	20.86	20.77	20.70	20.66	20.63
5.0	20.59	20.52	20.43	20.30	20.17	20.04	19.93	19.84	19.78	19.72
5.2	19.65	19.55	19.41	19.25	19.08	18.92	18.78	18.67	18.58	18.49
5.4	18.37	18.23	18.04	17.82	17.60	17.39	17.21	17.06	16.92	16.78
5.6	16.61	16.39	16.13	15.83	15.52	15.23	14.98	14.75	14.55	14.32
5.8	14.05	13.72	13.32	12.86	12.39	11.94	11.54	11.16	10.80	10.40
6.0	9.90	9.29	8.55	7.70	6.78	5.84	4.93	4.04	3.07	1.89
6.2	0.33	-1.87	-5.13	-10.62	-26.06	-14.13	-7.86	-4.53	-2.18	-0.21
6.4	1.59	3.25	4.73	6.00	7.06	7.93	8.65	9.27	9.85	10.44
6.6	11.05	11.68	12.29	12.87	13.38	13.82	14.20	14.55	14.89	15.24
6.8	15.62	16.01	16.40	16.77	17.10	17.40	17.66	17.90	18.14	18.40
7.0	18.67	18.96	19.25	19.52	19.76	19.98	20.18	20.36	20.55	20.75
7.2	20.97	21.19	21.41	21.62	21.81	21.99	22.14	22.30	22.45	22.62
7.4	22.79	22.97	23.15	23.32	23.48	23.62	23.74	23.87	24.00	24.14
7.6	24.29	24.44	24.59	24.73	24.85	24.97	25.08	25.18	25.30	25.41
7.8	25.54	25.67	25.79	25.91	26.01	26.11	26.20	26.29	26.39	26.49
8.0	26.60	26.71	26.81	26.91	27.00	27.08	27.16	27.24	27.32	27.41
8.2	27.50	27.59	27.68	27.76	27.84	27.91	27.97	28.04	28.11	28.18
8.4	28.26	28.34	28.42	28.49	28.55	28.60	28.66	28.71	28.77	28.84
8.6	28.91	28.97	29.03	29.09	29.14	29.19	29.23	29.28	29.33	29.38
8.8	29.44	29.50	29.55	29.59	29.63	29.67	29.70	29.74	29.78	29.83
9.0	29.87	29.92	29.96	29.99	30.02	30.05	30.08	30.11	30.14	30.18
9.2	30.21	30.25	30.28	30.30	30.32	30.34	30.36	30.38	30.40	30.43
9.4	30.46	30.48	30.50	30.52	30.53	30.54	30.55	30.56	30.58	30.60
9.6	30.61	30.63	30.64	30.64	30.65	30.65	30.65	30.65	30.66	30.67
9.8	30.68	30.68	30.68	30.68	30.67	30.66	30.66	30.65	30.65	30.65

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 24.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-36.81	-36.47	-36.15	-35.84	-35.55	-35.27	-35.00	-34.75	-34.51	-34.29
0.12	-34.08	-33.88	-33.69	-33.52	-33.36	-33.22	-33.09	-32.97	-32.86	-32.77
0.14	-32.69	-32.62	-32.56	-32.52	-32.48	-32.46	-32.45	-32.45	-32.46	-32.48
0.16	-32.50	-32.52	-32.55	-32.57	-32.59	-32.60	-32.59	-32.57	-32.51	-32.43
0.18	-32.31	-32.15	-31.95	-31.70	-31.40	-31.06	-30.68	-30.26	-29.81	-29.33
0.20	-28.83	-28.31	-27.79	-27.26	-26.72	-26.19	-25.65	-25.12	-24.60	-24.09
0.22	-23.58	-23.08	-22.59	-22.11	-21.64	-21.18	-20.73	-20.29	-19.86	-19.45
0.24	-19.04	-18.64	-18.25	-17.87	-17.50	-17.14	-16.79	-16.45	-16.11	-15.79
0.26	-15.48	-15.17	-14.87	-14.59	-14.31	-14.04	-13.77	-13.52	-13.27	-13.04
0.28	-12.81	-12.59	-12.38	-12.17	-11.98	-11.79	-11.61	-11.44	-11.27	-11.11
0.30	-10.97	-10.83	-10.69	-10.57	-10.45	-10.34	-10.24	-10.15	-10.06	-9.98
0.32	-9.91	-9.85	-9.80	-9.75	-9.71	-9.68	-9.66	-9.64	-9.64	-9.64
0.34	-9.65	-9.67	-9.69	-9.73	-9.77	-9.83	-9.89	-9.96	-10.05	-10.14
0.36	-10.24	-10.35	-10.48	-10.61	-10.76	-10.91	-11.08	-11.26	-11.46	-11.66
0.38	-11.88	-12.11	-12.35	-12.60	-12.87	-13.14	-13.43	-13.72	-14.01	-14.30
0.40	-14.59	-14.86	-15.12	-15.35	-15.54	-15.68	-15.76	-15.78	-15.73	-15.61
0.42	-15.42	-15.16	-14.85	-14.49	-14.10	-13.68	-13.24	-12.80	-12.35	-11.90
0.44	-11.46	-11.02	-10.59	-10.18	-9.77	-9.38	-9.00	-8.63	-8.28	-7.94
0.46	-7.61	-7.29	-6.98	-6.69	-6.41	-6.14	-5.88	-5.63	-5.40	-5.17
0.48	-4.95	-4.74	-4.54	-4.35	-4.17	-4.00	-3.84	-3.68	-3.54	-3.40
0.50	-3.27	-3.15	-3.03	-2.93	-2.83	-2.74	-2.65	-2.57	-2.51	-2.44
0.52	-2.39	-2.34	-2.30	-2.27	-2.24	-2.22	-2.21	-2.20	-2.21	-2.22
0.54	-2.23	-2.26	-2.29	-2.33	-2.38	-2.43	-2.49	-2.56	-2.64	-2.72
0.56	-2.82	-2.92	-3.02	-3.14	-3.26	-3.39	-3.53	-3.68	-3.83	-3.99
0.58	-4.15	-4.32	-4.50	-4.68	-4.86	-5.05	-5.23	-5.42	-5.60	-5.78
0.60	-5.95	-6.11	-6.25	-6.38	-6.49	-6.57	-6.63	-6.67	-6.67	-6.64
0.62	-6.58	-6.49	-6.37	-6.22	-6.05	-5.85	-5.63	-5.40	-5.16	-4.90
0.64	-4.64	-4.37	-4.10	-3.83	-3.56	-3.29	-3.02	-2.76	-2.50	-2.25
0.66	-2.00	-1.76	-1.53	-1.30	-1.08	-0.87	-0.66	-0.46	-0.27	-0.09
0.68	0.09	0.26	0.42	0.57	0.72	0.86	0.99	1.12	1.24	1.35
0.70	1.46	1.56	1.65	1.74	1.82	1.89	1.96	2.02	2.07	2.12
0.72	2.17	2.20	2.23	2.26	2.27	2.29	2.29	2.29	2.29	2.27
0.74	2.26	2.23	2.20	2.17	2.13	2.08	2.03	1.98	1.92	1.85
0.76	1.78	1.70	1.62	1.54	1.45	1.36	1.26	1.17	1.07	0.97
0.78	0.86	0.76	0.65	0.55	0.45	0.35	0.25	0.16	0.07	-0.01
0.80	-0.08	-0.15	-0.21	-0.25	-0.29	-0.31	-0.32	-0.32	-0.30	-0.27
0.82	-0.22	-0.17	-0.10	-0.01	0.08	0.19	0.30	0.43	0.56	0.70
0.84	0.85	1.00	1.16	1.32	1.48	1.65	1.81	1.97	2.14	2.30
0.86	2.46	2.62	2.78	2.93	3.08	3.23	3.37	3.51	3.64	3.77
0.88	3.90	4.02	4.14	4.25	4.36	4.46	4.56	4.65	4.74	4.82
0.90	4.90	4.98	5.04	5.11	5.17	5.22	5.27	5.32	5.36	5.39
0.92	5.42	5.45	5.47	5.49	5.50	5.51	5.51	5.52	5.51	5.50
0.94	5.49	5.48	5.46	5.43	5.41	5.38	5.34	5.31	5.27	5.23
0.96	5.19	5.14	5.09	5.04	4.99	4.94	4.89	4.83	4.78	4.73
0.98	4.68	4.63	4.58	4.53	4.48	4.44	4.40	4.37	4.34	4.31

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 24.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	4.29	4.40	5.10	6.09	7.02	7.69	8.05	8.10	7.94	7.72
1.2	7.64	7.87	8.40	9.05	9.66	10.09	10.32	10.35	10.27	10.20
1.4	10.27	10.55	10.99	11.48	11.90	12.19	12.32	12.32	12.27	12.27
1.6	12.40	12.69	13.08	13.48	13.81	14.01	14.08	14.06	14.02	14.04
1.8	14.18	14.46	14.80	15.14	15.40	15.55	15.60	15.57	15.54	15.57
2.0	15.71	15.96	16.25	16.53	16.74	16.86	16.89	16.87	16.85	16.90
2.2	17.03	17.24	17.48	17.71	17.87	17.96	17.98	17.97	17.97	18.03
2.4	18.15	18.33	18.53	18.71	18.83	18.89	18.90	18.90	18.91	18.97
2.6	19.09	19.25	19.41	19.55	19.64	19.67	19.67	19.66	19.68	19.75
2.8	19.86	20.00	20.14	20.24	20.30	20.31	20.30	20.29	20.30	20.36
3.0	20.47	20.59	20.71	20.79	20.83	20.82	20.80	20.78	20.79	20.84
3.2	20.93	21.04	21.13	21.19	21.21	21.19	21.16	21.13	21.14	21.18
3.4	21.26	21.34	21.41	21.45	21.45	21.42	21.38	21.35	21.35	21.38
3.6	21.44	21.51	21.55	21.57	21.55	21.50	21.45	21.42	21.41	21.44
3.8	21.48	21.52	21.55	21.54	21.50	21.44	21.37	21.33	21.32	21.33
4.0	21.36	21.39	21.38	21.35	21.29	21.21	21.13	21.07	21.05	21.05
4.2	21.07	21.07	21.05	20.99	20.90	20.80	20.70	20.63	20.59	20.57
4.4	20.57	20.55	20.50	20.41	20.30	20.17	20.05	19.96	19.90	19.86
4.6	19.83	19.78	19.70	19.58	19.43	19.27	19.12	19.01	18.92	18.86
4.8	18.79	18.70	18.58	18.41	18.22	18.01	17.83	17.67	17.55	17.45
5.0	17.34	17.19	17.01	16.77	16.51	16.24	15.99	15.78	15.60	15.44
5.2	15.26	15.03	14.75	14.40	14.01	13.62	13.25	12.93	12.65	12.38
5.4	12.07	11.68	11.19	10.61	9.95	9.26	8.60	7.99	7.43	6.84
5.6	6.15	5.25	4.08	2.58	0.68	-1.63	-4.39	-7.73	-12.30	-21.23
5.8	-17.32	-9.05	-4.36	-1.14	1.22	2.98	4.32	5.36	6.21	6.99
6.0	7.77	8.58	9.40	10.20	10.93	11.56	12.10	12.55	12.96	13.36
6.2	13.77	14.22	14.68	15.13	15.56	15.94	16.28	16.57	16.84	17.11
6.4	17.40	17.70	18.03	18.35	18.65	18.92	19.16	19.37	19.57	19.77
6.6	19.99	20.23	20.48	20.72	20.95	21.16	21.34	21.51	21.67	21.83
6.8	22.01	22.20	22.39	22.59	22.77	22.94	23.08	23.22	23.35	23.48
7.0	23.63	23.79	23.95	24.11	24.26	24.39	24.51	24.62	24.73	24.85
7.2	24.97	25.10	25.24	25.37	25.49	25.60	25.70	25.79	25.88	25.98
7.4	26.09	26.20	26.31	26.42	26.52	26.61	26.69	26.77	26.85	26.93
7.6	27.02	27.12	27.21	27.30	27.39	27.46	27.53	27.59	27.66	27.73
7.8	27.80	27.88	27.96	28.04	28.11	28.17	28.22	28.27	28.33	28.38
8.0	28.45	28.51	28.58	28.64	28.70	28.74	28.79	28.83	28.87	28.92
8.2	28.97	29.02	29.08	29.12	29.17	29.20	29.23	29.26	29.30	29.33
8.4	29.37	29.42	29.46	29.49	29.52	29.55	29.57	29.59	29.61	29.64
8.6	29.67	29.70	29.73	29.76	29.77	29.79	29.80	29.81	29.82	29.84
8.8	29.86	29.88	29.90	29.91	29.92	29.92	29.92	29.92	29.92	29.93
9.0	29.94	29.95	29.95	29.95	29.95	29.94	29.93	29.92	29.91	29.91
9.2	29.91	29.91	29.90	29.89	29.87	29.85	29.83	29.81	29.79	29.78
9.4	29.76	29.75	29.73	29.70	29.68	29.64	29.61	29.58	29.54	29.52
9.6	29.49	29.46	29.43	29.39	29.35	29.30	29.25	29.21	29.16	29.12
9.8	29.08	29.04	28.99	28.94	28.88	28.82	28.75	28.69	28.63	28.57

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 25.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-36.12	-35.78	-35.45	-35.14	-34.85	-34.57	-34.30	-34.05	-33.81	-33.58
0.12	-33.37	-33.17	-32.98	-32.81	-32.64	-32.50	-32.36	-32.24	-32.13	-32.03
0.14	-31.95	-31.88	-31.82	-31.77	-31.73	-31.71	-31.70	-31.69	-31.70	-31.71
0.16	-31.73	-31.75	-31.77	-31.80	-31.81	-31.82	-31.82	-31.80	-31.75	-31.67
0.18	-31.56	-31.41	-31.22	-30.98	-30.70	-30.37	-30.00	-29.59	-29.15	-28.69
0.20	-28.20	-27.69	-27.17	-26.64	-26.11	-25.58	-25.05	-24.52	-24.00	-23.48
0.22	-22.98	-22.48	-21.99	-21.51	-21.04	-20.58	-20.13	-19.68	-19.25	-18.83
0.24	-18.42	-18.02	-17.63	-17.25	-16.88	-16.52	-16.16	-15.82	-15.49	-15.16
0.26	-14.84	-14.54	-14.24	-13.95	-13.67	-13.40	-13.13	-12.88	-12.63	-12.39
0.28	-12.16	-11.94	-11.72	-11.52	-11.32	-11.13	-10.95	-10.77	-10.61	-10.45
0.30	-10.30	-10.16	-10.02	-9.89	-9.78	-9.66	-9.56	-9.46	-9.38	-9.30
0.32	-9.22	-9.16	-9.10	-9.05	-9.01	-8.97	-8.95	-8.93	-8.92	-8.92
0.34	-8.93	-8.94	-8.96	-9.00	-9.04	-9.09	-9.14	-9.21	-9.29	-9.38
0.36	-9.47	-9.58	-9.70	-9.82	-9.96	-10.11	-10.27	-10.44	-10.63	-10.82
0.38	-11.03	-11.25	-11.48	-11.72	-11.98	-12.24	-12.51	-12.79	-13.07	-13.35
0.40	-13.63	-13.90	-14.15	-14.38	-14.58	-14.74	-14.84	-14.89	-14.87	-14.79
0.42	-14.64	-14.42	-14.15	-13.83	-13.47	-13.08	-12.66	-12.24	-11.80	-11.36
0.44	-10.93	-10.50	-10.08	-9.66	-9.26	-8.87	-8.49	-8.12	-7.77	-7.42
0.46	-7.09	-6.77	-6.47	-6.17	-5.89	-5.61	-5.35	-5.10	-4.86	-4.63
0.48	-4.41	-4.20	-4.00	-3.80	-3.62	-3.44	-3.28	-3.12	-2.97	-2.83
0.50	-2.69	-2.57	-2.45	-2.34	-2.24	-2.14	-2.05	-1.97	-1.90	-1.83
0.52	-1.77	-1.72	-1.68	-1.64	-1.61	-1.58	-1.57	-1.56	-1.55	-1.56
0.54	-1.57	-1.59	-1.61	-1.65	-1.69	-1.73	-1.79	-1.85	-1.92	-2.00
0.56	-2.08	-2.17	-2.27	-2.38	-2.49	-2.61	-2.74	-2.87	-3.01	-3.16
0.58	-3.32	-3.47	-3.64	-3.80	-3.97	-4.15	-4.32	-4.49	-4.66	-4.83
0.60	-4.99	-5.14	-5.28	-5.41	-5.52	-5.61	-5.68	-5.73	-5.74	-5.73
0.62	-5.70	-5.63	-5.54	-5.42	-5.27	-5.10	-4.92	-4.71	-4.49	-4.26
0.64	-4.02	-3.77	-3.51	-3.26	-3.00	-2.74	-2.49	-2.23	-1.98	-1.74
0.66	-1.50	-1.26	-1.03	-0.81	-0.59	-0.38	-0.17	0.02	0.21	0.40
0.68	0.57	0.74	0.91	1.06	1.21	1.36	1.49	1.62	1.74	1.86
0.70	1.97	2.07	2.17	2.26	2.34	2.42	2.49	2.56	2.62	2.67
0.72	2.72	2.76	2.79	2.82	2.85	2.86	2.88	2.88	2.88	2.88
0.74	2.87	2.85	2.83	2.80	2.77	2.73	2.69	2.65	2.59	2.54
0.76	2.48	2.41	2.34	2.27	2.19	2.11	2.02	1.94	1.85	1.76
0.78	1.66	1.57	1.48	1.38	1.29	1.20	1.11	1.03	0.95	0.87
0.80	0.80	0.74	0.69	0.64	0.61	0.58	0.56	0.56	0.57	0.59
0.82	0.62	0.66	0.72	0.79	0.86	0.95	1.05	1.16	1.27	1.40
0.84	1.53	1.66	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85
0.86	3.01	3.16	3.30	3.45	3.59	3.74	3.87	4.01	4.14	4.27
0.88	4.39	4.51	4.63	4.74	4.84	4.95	5.04	5.14	5.23	5.31
0.90	5.39	5.47	5.54	5.60	5.67	5.72	5.78	5.83	5.87	5.91
0.92	5.94	5.98	6.00	6.02	6.04	6.06	6.07	6.07	6.07	6.07
0.94	6.07	6.06	6.05	6.03	6.01	5.99	5.97	5.94	5.91	5.87
0.96	5.84	5.80	5.76	5.72	5.68	5.64	5.59	5.55	5.50	5.46
0.98	5.41	5.37	5.33	5.29	5.25	5.21	5.18	5.15	5.12	5.10

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 25.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	5.08	5.16	5.77	6.66	7.54	8.19	8.57	8.66	8.55	8.38
1.2	8.32	8.53	9.00	9.61	10.19	10.61	10.84	10.89	10.84	10.78
1.4	10.85	11.11	11.53	12.00	12.41	12.70	12.84	12.85	12.80	12.79
1.6	12.90	13.17	13.54	13.94	14.27	14.48	14.56	14.55	14.50	14.50
1.8	14.62	14.87	15.19	15.53	15.79	15.96	16.02	16.00	15.96	15.97
2.0	16.09	16.30	16.57	16.85	17.06	17.19	17.23	17.22	17.20	17.22
2.2	17.33	17.51	17.73	17.95	18.11	18.21	18.23	18.22	18.22	18.25
2.4	18.36	18.52	18.70	18.87	18.99	19.05	19.05	19.04	19.04	19.09
2.6	19.19	19.33	19.48	19.61	19.70	19.73	19.72	19.69	19.69	19.73
2.8	19.83	19.96	20.09	20.19	20.24	20.25	20.22	20.19	20.18	20.21
3.0	20.30	20.41	20.51	20.59	20.63	20.61	20.57	20.53	20.51	20.53
3.2	20.60	20.69	20.77	20.83	20.84	20.81	20.75	20.70	20.68	20.69
3.4	20.74	20.81	20.86	20.89	20.88	20.83	20.76	20.70	20.67	20.67
3.6	20.71	20.75	20.78	20.78	20.74	20.67	20.58	20.51	20.47	20.46
3.8	20.48	20.50	20.50	20.47	20.40	20.30	20.20	20.11	20.05	20.02
4.0	20.02	20.02	20.00	19.94	19.83	19.70	19.57	19.45	19.37	19.33
4.2	19.30	19.27	19.22	19.12	18.98	18.81	18.64	18.49	18.38	18.30
4.4	18.24	18.18	18.08	17.93	17.74	17.52	17.30	17.10	16.95	16.83
4.6	16.72	16.60	16.44	16.22	15.95	15.65	15.35	15.08	14.86	14.67
4.8	14.49	14.28	14.01	13.66	13.25	12.80	12.34	11.93	11.57	11.25
5.0	10.92	10.53	10.03	9.40	8.63	7.77	6.88	6.03	5.24	4.47
5.2	3.61	2.51	1.00	-1.13	-4.27	-9.30	-21.11	-17.07	-9.49	-5.86
5.4	-3.32	-1.11	0.93	2.80	4.43	5.78	6.88	7.75	8.45	9.05
5.6	9.63	10.24	10.88	11.55	12.20	12.80	13.32	13.75	14.13	14.47
5.8	14.81	15.18	15.57	15.98	16.39	16.76	17.09	17.38	17.64	17.88
6.0	18.12	18.39	18.67	18.97	19.26	19.53	19.77	19.98	20.18	20.36
6.2	20.55	20.75	20.98	21.21	21.43	21.64	21.83	21.99	22.14	22.29
6.4	22.44	22.61	22.79	22.97	23.15	23.32	23.47	23.60	23.72	23.84
6.6	23.97	24.11	24.25	24.41	24.55	24.69	24.81	24.92	25.02	25.12
6.8	25.22	25.34	25.46	25.59	25.71	25.82	25.92	26.00	26.09	26.17
7.0	26.26	26.35	26.46	26.56	26.66	26.75	26.83	26.90	26.97	27.03
7.2	27.11	27.19	27.27	27.36	27.44	27.51	27.58	27.63	27.68	27.74
7.4	27.80	27.86	27.94	28.01	28.07	28.13	28.17	28.21	28.25	28.30
7.6	28.34	28.40	28.45	28.51	28.56	28.60	28.63	28.66	28.69	28.72
7.8	28.76	28.80	28.84	28.88	28.92	28.94	28.97	28.98	29.00	29.02
8.0	29.04	29.07	29.10	29.13	29.15	29.16	29.17	29.18	29.18	29.19
8.2	29.20	29.21	29.23	29.24	29.25	29.25	29.25	29.24	29.23	29.23
8.4	29.23	29.23	29.24	29.24	29.23	29.22	29.20	29.18	29.16	29.14
8.6	29.13	29.12	29.11	29.09	29.07	29.04	29.01	28.97	28.94	28.91
8.8	28.88	28.86	28.83	28.80	28.76	28.72	28.67	28.62	28.57	28.52
9.0	28.48	28.44	28.40	28.35	28.29	28.23	28.17	28.10	28.03	27.96
9.2	27.90	27.84	27.78	27.71	27.63	27.55	27.46	27.37	27.28	27.19
9.4	27.11	27.03	26.94	26.85	26.74	26.63	26.51	26.40	26.28	26.16
9.6	26.05	25.94	25.82	25.69	25.56	25.41	25.25	25.10	24.94	24.79
9.8	24.64	24.48	24.32	24.15	23.96	23.76	23.55	23.34	23.13	22.92

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 26.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-35.46	-35.11	-34.79	-34.48	-34.18	-33.90	-33.63	-33.37	-33.13	-32.90
0.12	-32.69	-32.48	-32.29	-32.12	-31.95	-31.80	-31.67	-31.54	-31.43	-31.33
0.14	-31.24	-31.17	-31.10	-31.05	-31.01	-30.98	-30.97	-30.96	-30.96	-30.97
0.16	-30.98	-31.00	-31.02	-31.05	-31.06	-31.07	-31.07	-31.05	-31.01	-30.94
0.18	-30.84	-30.70	-30.51	-30.29	-30.02	-29.71	-29.35	-28.96	-28.53	-28.07
0.20	-27.59	-27.09	-26.58	-26.06	-25.53	-25.00	-24.48	-23.95	-23.43	-22.91
0.22	-22.41	-21.91	-21.42	-20.94	-20.46	-20.00	-19.55	-19.11	-18.68	-18.25
0.24	-17.84	-17.44	-17.05	-16.66	-16.29	-15.93	-15.57	-15.23	-14.89	-14.56
0.26	-14.25	-13.94	-13.64	-13.34	-13.06	-12.79	-12.52	-12.26	-12.02	-11.77
0.28	-11.54	-11.32	-11.10	-10.89	-10.69	-10.50	-10.32	-10.14	-9.97	-9.81
0.30	-9.66	-9.52	-9.38	-9.25	-9.13	-9.02	-8.91	-8.81	-8.72	-8.64
0.32	-8.56	-8.49	-8.43	-8.38	-8.34	-8.30	-8.27	-8.25	-8.24	-8.23
0.34	-8.23	-8.25	-8.26	-8.29	-8.33	-8.37	-8.43	-8.49	-8.56	-8.64
0.36	-8.73	-8.83	-8.95	-9.07	-9.20	-9.34	-9.49	-9.65	-9.83	-10.02
0.38	-10.21	-10.42	-10.64	-10.87	-11.11	-11.36	-11.62	-11.89	-12.16	-12.43
0.40	-12.70	-12.96	-13.21	-13.44	-13.65	-13.82	-13.94	-14.01	-14.02	-13.97
0.42	-13.86	-13.69	-13.45	-13.17	-12.84	-12.48	-12.09	-11.69	-11.27	-10.85
0.44	-10.43	-10.00	-9.59	-9.18	-8.78	-8.39	-8.01	-7.64	-7.29	-6.94
0.46	-6.61	-6.29	-5.98	-5.68	-5.40	-5.12	-4.86	-4.60	-4.36	-4.13
0.48	-3.90	-3.69	-3.48	-3.29	-3.10	-2.92	-2.75	-2.59	-2.44	-2.29
0.50	-2.15	-2.02	-1.90	-1.79	-1.68	-1.58	-1.49	-1.41	-1.33	-1.26
0.52	-1.19	-1.14	-1.09	-1.04	-1.01	-0.98	-0.96	-0.94	-0.94	-0.93
0.54	-0.94	-0.95	-0.97	-1.00	-1.03	-1.07	-1.12	-1.18	-1.24	-1.31
0.56	-1.38	-1.47	-1.56	-1.65	-1.76	-1.87	-1.99	-2.11	-2.24	-2.37
0.58	-2.52	-2.66	-2.81	-2.97	-3.13	-3.29	-3.45	-3.61	-3.77	-3.93
0.60	-4.08	-4.22	-4.36	-4.48	-4.59	-4.68	-4.76	-4.81	-4.84	-4.85
0.62	-4.83	-4.79	-4.72	-4.62	-4.51	-4.37	-4.20	-4.03	-3.83	-3.62
0.64	-3.40	-3.17	-2.94	-2.70	-2.46	-2.21	-1.97	-1.73	-1.48	-1.25
0.66	-1.01	-0.78	-0.56	-0.34	-0.12	0.08	0.29	0.48	0.67	0.86
0.68	1.03	1.20	1.37	1.52	1.67	1.82	1.96	2.09	2.21	2.33
0.70	2.44	2.55	2.65	2.74	2.83	2.91	2.99	3.06	3.12	3.18
0.72	3.23	3.28	3.32	3.35	3.38	3.41	3.42	3.44	3.44	3.44
0.74	3.44	3.43	3.42	3.40	3.37	3.34	3.31	3.27	3.23	3.18
0.76	3.13	3.07	3.01	2.95	2.88	2.81	2.73	2.66	2.58	2.50
0.78	2.42	2.33	2.25	2.17	2.09	2.00	1.92	1.85	1.78	1.71
0.80	1.64	1.58	1.53	1.49	1.45	1.42	1.40	1.39	1.40	1.41
0.82	1.43	1.46	1.50	1.56	1.62	1.70	1.78	1.87	1.97	2.08
0.84	2.19	2.31	2.44	2.56	2.70	2.83	2.97	3.11	3.25	3.39
0.86	3.54	3.68	3.82	3.96	4.09	4.23	4.36	4.49	4.62	4.74
0.88	4.86	4.98	5.09	5.20	5.30	5.41	5.50	5.60	5.69	5.77
0.90	5.85	5.93	6.00	6.07	6.13	6.19	6.25	6.30	6.35	6.39
0.92	6.43	6.46	6.50	6.52	6.54	6.56	6.58	6.59	6.60	6.60
0.94	6.60	6.60	6.59	6.59	6.57	6.56	6.54	6.52	6.50	6.47
0.96	6.44	6.41	6.38	6.35	6.31	6.28	6.24	6.21	6.17	6.13
0.98	6.09	6.06	6.02	5.99	5.95	5.92	5.89	5.87	5.84	5.82

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 26.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	5.81	5.87	6.40	7.21	8.03	8.67	9.05	9.18	9.11	8.97
1.2	8.94	9.13	9.57	10.14	10.68	11.10	11.33	11.40	11.35	11.31
1.4	11.37	11.61	12.01	12.46	12.87	13.16	13.31	13.33	13.28	13.26
1.6	13.35	13.59	13.94	14.33	14.66	14.88	14.98	14.97	14.92	14.91
1.8	15.00	15.21	15.52	15.84	16.11	16.29	16.36	16.35	16.31	16.31
2.0	16.39	16.58	16.82	17.08	17.30	17.43	17.48	17.47	17.45	17.46
2.2	17.54	17.70	17.90	18.10	18.26	18.35	18.38	18.37	18.35	18.37
2.4	18.46	18.60	18.77	18.92	19.04	19.09	19.09	19.07	19.05	19.07
2.6	19.15	19.28	19.42	19.55	19.63	19.65	19.63	19.58	19.56	19.57
2.8	19.64	19.75	19.87	19.97	20.02	20.02	19.98	19.92	19.88	19.88
3.0	19.94	20.03	20.12	20.19	20.22	20.20	20.14	20.07	20.02	20.01
3.2	20.04	20.11	20.17	20.21	20.21	20.17	20.09	20.01	19.95	19.92
3.4	19.94	19.98	20.01	20.02	19.99	19.91	19.81	19.71	19.64	19.60
3.6	19.60	19.62	19.62	19.59	19.52	19.41	19.28	19.15	19.05	19.00
3.8	18.97	18.97	18.94	18.88	18.76	18.61	18.43	18.27	18.13	18.05
4.0	18.00	17.96	17.89	17.78	17.62	17.41	17.17	16.95	16.77	16.64
4.2	16.54	16.45	16.33	16.16	15.92	15.62	15.31	15.00	14.74	14.54
4.4	14.37	14.19	13.98	13.68	13.31	12.87	12.39	11.93	11.52	11.17
4.6	10.85	10.51	10.09	9.53	8.83	8.00	7.07	6.13	5.25	4.43
4.8	3.61	2.64	1.34	-0.52	-3.26	-7.60	-16.42	-19.29	-9.88	-5.93
5.0	-3.43	-1.40	0.50	2.34	4.02	5.49	6.70	7.67	8.44	9.06
5.2	9.61	10.16	10.76	11.40	12.06	12.69	13.26	13.74	14.15	14.49
5.4	14.82	15.15	15.51	15.91	16.31	16.71	17.07	17.39	17.66	17.91
5.6	18.14	18.38	18.64	18.93	19.22	19.51	19.77	20.00	20.20	20.38
5.8	20.56	20.75	20.95	21.17	21.40	21.62	21.82	22.00	22.15	22.30
6.0	22.44	22.59	22.76	22.94	23.12	23.29	23.45	23.59	23.72	23.83
6.2	23.94	24.07	24.20	24.35	24.50	24.64	24.77	24.88	24.98	25.07
6.4	25.17	25.27	25.38	25.50	25.62	25.74	25.84	25.93	26.01	26.08
6.6	26.16	26.24	26.33	26.43	26.53	26.62	26.70	26.77	26.84	26.89
6.8	26.95	27.02	27.10	27.18	27.26	27.33	27.39	27.44	27.49	27.53
7.0	27.58	27.63	27.69	27.75	27.81	27.87	27.92	27.95	27.98	28.01
7.2	28.04	28.08	28.13	28.17	28.22	28.26	28.29	28.31	28.33	28.34
7.4	28.36	28.38	28.41	28.45	28.48	28.50	28.51	28.52	28.52	28.52
7.6	28.53	28.54	28.55	28.57	28.58	28.59	28.59	28.58	28.57	28.56
7.8	28.55	28.54	28.54	28.55	28.54	28.53	28.51	28.49	28.46	28.44
8.0	28.41	28.39	28.38	28.36	28.34	28.31	28.28	28.24	28.19	28.15
8.2	28.11	28.07	28.04	28.00	27.96	27.92	27.86	27.80	27.73	27.67
8.4	27.61	27.56	27.50	27.45	27.39	27.32	27.24	27.15	27.07	26.98
8.6	26.90	26.82	26.74	26.66	26.57	26.47	26.37	26.25	26.14	26.02
8.8	25.91	25.80	25.69	25.57	25.45	25.32	25.17	25.02	24.87	24.71
9.0	24.56	24.41	24.26	24.10	23.93	23.74	23.54	23.33	23.12	22.90
9.2	22.69	22.48	22.26	22.03	21.79	21.52	21.23	20.93	20.62	20.30
9.4	19.98	19.66	19.33	18.97	18.58	18.16	17.69	17.19	16.67	16.12
9.6	15.56	14.97	14.33	13.64	12.84	11.94	10.89	9.69	8.31	6.71
9.8	4.81	2.42	-0.89	-6.47	-29.45	-7.40	-0.97	2.70	5.25	7.17

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 27.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-34.82	-34.48	-34.15	-33.84	-33.54	-33.25	-32.98	-32.72	-32.48	-32.25
0.12	-32.03	-31.83	-31.64	-31.46	-31.29	-31.14	-31.00	-30.87	-30.75	-30.65
0.14	-30.56	-30.48	-30.41	-30.36	-30.32	-30.28	-30.26	-30.25	-30.25	-30.25
0.16	-30.27	-30.28	-30.30	-30.32	-30.34	-30.34	-30.34	-30.33	-30.29	-30.23
0.18	-30.13	-30.00	-29.83	-29.62	-29.36	-29.06	-28.72	-28.34	-27.93	-27.48
0.20	-27.01	-26.52	-26.02	-25.50	-24.98	-24.45	-23.93	-23.41	-22.89	-22.37
0.22	-21.87	-21.37	-20.88	-20.39	-19.92	-19.46	-19.00	-18.56	-18.13	-17.70
0.24	-17.29	-16.89	-16.49	-16.11	-15.73	-15.37	-15.01	-14.66	-14.32	-14.00
0.26	-13.68	-13.36	-13.06	-12.77	-12.48	-12.21	-11.94	-11.68	-11.43	-11.19
0.28	-10.95	-10.73	-10.51	-10.30	-10.10	-9.90	-9.72	-9.54	-9.37	-9.21
0.30	-9.05	-8.91	-8.77	-8.64	-8.51	-8.40	-8.29	-8.19	-8.09	-8.01
0.32	-7.93	-7.86	-7.80	-7.74	-7.69	-7.65	-7.62	-7.60	-7.58	-7.57
0.34	-7.57	-7.58	-7.59	-7.62	-7.65	-7.69	-7.74	-7.80	-7.86	-7.94
0.36	-8.02	-8.12	-8.22	-8.34	-8.46	-8.59	-8.74	-8.89	-9.06	-9.24
0.38	-9.42	-9.62	-9.83	-10.05	-10.28	-10.52	-10.77	-11.02	-11.28	-11.54
0.40	-11.80	-12.05	-12.30	-12.53	-12.74	-12.91	-13.05	-13.14	-13.18	-13.16
0.42	-13.09	-12.95	-12.76	-12.51	-12.22	-11.89	-11.53	-11.15	-10.76	-10.35
0.44	-9.94	-9.53	-9.12	-8.72	-8.33	-7.94	-7.56	-7.20	-6.84	-6.50
0.46	-6.16	-5.84	-5.53	-5.23	-4.94	-4.66	-4.40	-4.14	-3.89	-3.66
0.48	-3.43	-3.21	-3.00	-2.80	-2.61	-2.43	-2.26	-2.09	-1.94	-1.79
0.50	-1.65	-1.51	-1.39	-1.27	-1.16	-1.06	-0.96	-0.87	-0.79	-0.72
0.52	-0.65	-0.59	-0.53	-0.49	-0.45	-0.41	-0.39	-0.37	-0.35	-0.35
0.54	-0.35	-0.35	-0.37	-0.39	-0.41	-0.45	-0.49	-0.54	-0.59	-0.65
0.56	-0.72	-0.79	-0.88	-0.96	-1.06	-1.16	-1.27	-1.38	-1.50	-1.62
0.58	-1.75	-1.89	-2.03	-2.17	-2.32	-2.47	-2.62	-2.77	-2.91	-3.06
0.60	-3.20	-3.34	-3.47	-3.59	-3.70	-3.79	-3.87	-3.93	-3.97	-3.99
0.62	-3.99	-3.96	-3.91	-3.84	-3.75	-3.63	-3.50	-3.34	-3.17	-2.99
0.64	-2.79	-2.58	-2.37	-2.15	-1.92	-1.69	-1.46	-1.23	-1.00	-0.77
0.66	-0.55	-0.32	-0.11	0.11	0.32	0.52	0.72	0.92	1.10	1.29
0.68	1.46	1.63	1.80	1.95	2.11	2.25	2.39	2.52	2.65	2.77
0.70	2.89	3.00	3.10	3.20	3.29	3.37	3.45	3.52	3.59	3.65
0.72	3.71	3.76	3.81	3.85	3.88	3.91	3.93	3.95	3.96	3.97
0.74	3.98	3.97	3.97	3.95	3.94	3.91	3.89	3.86	3.82	3.78
0.76	3.74	3.69	3.64	3.59	3.53	3.47	3.40	3.33	3.27	3.20
0.78	3.12	3.05	2.98	2.90	2.83	2.76	2.69	2.62	2.55	2.49
0.80	2.43	2.37	2.33	2.28	2.25	2.22	2.20	2.19	2.18	2.19
0.82	2.20	2.22	2.26	2.30	2.35	2.41	2.48	2.56	2.64	2.74
0.84	2.84	2.94	3.05	3.17	3.29	3.41	3.54	3.66	3.79	3.92
0.86	4.05	4.19	4.32	4.45	4.58	4.70	4.83	4.95	5.07	5.19
0.88	5.31	5.42	5.53	5.64	5.74	5.84	5.94	6.03	6.12	6.21
0.90	6.29	6.36	6.44	6.51	6.57	6.63	6.69	6.75	6.80	6.84
0.92	6.88	6.92	6.96	6.99	7.01	7.04	7.06	7.07	7.08	7.09
0.94	7.10	7.10	7.10	7.10	7.09	7.08	7.07	7.06	7.04	7.02
0.96	7.00	6.98	6.95	6.93	6.90	6.87	6.84	6.81	6.78	6.75
0.98	6.72	6.69	6.66	6.63	6.60	6.58	6.55	6.53	6.51	6.49

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 27.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	6.48	6.53	7.00	7.74	8.51	9.12	9.51	9.66	9.62	9.52
1.2	9.49	9.68	10.09	10.62	11.15	11.55	11.79	11.86	11.83	11.78
1.4	11.83	12.06	12.43	12.88	13.28	13.58	13.73	13.76	13.71	13.67
1.6	13.74	13.95	14.28	14.66	14.99	15.23	15.34	15.34	15.29	15.26
1.8	15.32	15.50	15.78	16.09	16.36	16.54	16.62	16.62	16.58	16.57
2.0	16.62	16.78	17.00	17.24	17.45	17.58	17.64	17.63	17.60	17.60
2.2	17.66	17.79	17.98	18.16	18.31	18.40	18.42	18.40	18.37	18.38
2.4	18.44	18.56	18.71	18.86	18.97	19.02	19.01	18.96	18.92	18.92
2.6	18.97	19.08	19.21	19.33	19.40	19.42	19.38	19.32	19.26	19.24
2.8	19.28	19.36	19.47	19.56	19.60	19.60	19.54	19.45	19.38	19.34
3.0	19.36	19.42	19.49	19.55	19.57	19.53	19.45	19.35	19.26	19.20
3.2	19.20	19.23	19.27	19.29	19.27	19.20	19.09	18.96	18.85	18.78
3.4	18.76	18.76	18.77	18.75	18.68	18.56	18.41	18.25	18.11	18.01
3.6	17.96	17.94	17.91	17.85	17.73	17.55	17.34	17.12	16.93	16.79
3.8	16.70	16.64	16.56	16.45	16.26	16.01	15.72	15.41	15.14	14.93
4.0	14.77	14.64	14.49	14.29	13.99	13.62	13.18	12.73	12.32	11.97
4.2	11.69	11.43	11.13	10.73	10.20	9.54	8.77	7.95	7.15	6.44
4.4	5.80	5.13	4.33	3.24	1.73	-0.37	-3.29	-7.53	-14.56	-24.25
4.6	-14.04	-9.06	-5.52	-2.50	0.10	2.28	4.03	5.41	6.47	7.29
4.8	7.96	8.57	9.21	9.91	10.65	11.39	12.07	12.67	13.16	13.57
5.0	13.93	14.26	14.63	15.03	15.46	15.90	16.33	16.70	17.02	17.29
5.2	17.54	17.77	18.03	18.31	18.62	18.93	19.23	19.49	19.72	19.92
5.4	20.11	20.29	20.49	20.70	20.94	21.17	21.40	21.60	21.77	21.93
5.6	22.07	22.21	22.37	22.55	22.73	22.92	23.10	23.25	23.39	23.51
5.8	23.62	23.74	23.86	24.01	24.16	24.31	24.45	24.57	24.68	24.77
6.0	24.86	24.95	25.06	25.17	25.29	25.41	25.53	25.63	25.71	25.78
6.2	25.85	25.92	26.01	26.10	26.20	26.29	26.38	26.46	26.52	26.57
6.4	26.63	26.68	26.75	26.82	26.90	26.97	27.04	27.09	27.14	27.17
6.6	27.21	27.25	27.30	27.35	27.41	27.47	27.51	27.55	27.57	27.59
6.8	27.62	27.64	27.67	27.71	27.75	27.79	27.81	27.83	27.84	27.85
7.0	27.85	27.86	27.87	27.90	27.92	27.94	27.95	27.95	27.94	27.93
7.2	27.91	27.91	27.90	27.91	27.91	27.91	27.90	27.89	27.86	27.83
7.4	27.80	27.77	27.76	27.74	27.72	27.70	27.67	27.64	27.59	27.54
7.6	27.49	27.45	27.41	27.37	27.34	27.29	27.24	27.18	27.11	27.04
7.8	26.96	26.90	26.84	26.78	26.72	26.65	26.57	26.48	26.38	26.28
8.0	26.18	26.09	26.00	25.91	25.82	25.72	25.60	25.48	25.35	25.21
8.2	25.07	24.94	24.81	24.69	24.56	24.41	24.26	24.08	23.90	23.71
8.4	23.53	23.34	23.16	22.98	22.79	22.58	22.36	22.11	21.85	21.58
8.6	21.31	21.04	20.77	20.50	20.21	19.89	19.54	19.17	18.76	18.34
8.8	17.90	17.46	17.01	16.54	16.02	15.45	14.81	14.09	13.29	12.42
9.0	11.47	10.45	9.32	8.02	6.46	4.46	1.75	-2.38	-10.67	-15.09
9.2	-4.06	0.54	3.48	5.66	7.44	8.96	10.30	11.49	12.54	13.47
9.4	14.29	15.01	15.67	16.27	16.85	17.41	17.95	18.47	18.97	19.43
9.6	19.85	20.24	20.61	20.96	21.31	21.65	21.99	22.32	22.63	22.93
9.8	23.21	23.48	23.73	23.98	24.22	24.46	24.70	24.94	25.17	25.39

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 28.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-34.21	-33.86	-33.53	-33.22	-32.92	-32.63	-32.36	-32.10	-31.85	-31.62
0.12	-31.40	-31.19	-31.00	-30.82	-30.65	-30.49	-30.35	-30.22	-30.10	-30.00
0.14	-29.90	-29.82	-29.75	-29.69	-29.64	-29.61	-29.58	-29.57	-29.56	-29.56
0.16	-29.57	-29.58	-29.60	-29.62	-29.63	-29.64	-29.64	-29.62	-29.59	-29.53
0.18	-29.45	-29.33	-29.17	-28.97	-28.73	-28.44	-28.11	-27.75	-27.35	-26.91
0.20	-26.45	-25.97	-25.48	-24.97	-24.45	-23.93	-23.41	-22.89	-22.37	-21.86
0.22	-21.35	-20.85	-20.36	-19.88	-19.41	-18.94	-18.49	-18.04	-17.61	-17.18
0.24	-16.77	-16.36	-15.96	-15.58	-15.20	-14.83	-14.47	-14.13	-13.79	-13.45
0.26	-13.13	-12.82	-12.52	-12.22	-11.93	-11.66	-11.39	-11.13	-10.87	-10.63
0.28	-10.39	-10.16	-9.94	-9.73	-9.53	-9.33	-9.14	-8.96	-8.79	-8.63
0.30	-8.47	-8.32	-8.18	-8.05	-7.92	-7.80	-7.69	-7.59	-7.49	-7.41
0.32	-7.32	-7.25	-7.19	-7.13	-7.08	-7.03	-7.00	-6.97	-6.95	-6.94
0.34	-6.93	-6.94	-6.95	-6.97	-7.00	-7.03	-7.08	-7.13	-7.19	-7.26
0.36	-7.34	-7.43	-7.52	-7.63	-7.75	-7.88	-8.01	-8.16	-8.32	-8.48
0.38	-8.66	-8.85	-9.05	-9.26	-9.48	-9.70	-9.94	-10.18	-10.43	-10.68
0.40	-10.93	-11.17	-11.41	-11.64	-11.84	-12.03	-12.18	-12.28	-12.35	-12.36
0.42	-12.32	-12.22	-12.06	-11.85	-11.60	-11.31	-10.98	-10.62	-10.25	-9.87
0.44	-9.47	-9.07	-8.68	-8.28	-7.89	-7.51	-7.14	-6.77	-6.42	-6.07
0.46	-5.74	-5.42	-5.11	-4.80	-4.51	-4.23	-3.96	-3.70	-3.46	-3.22
0.48	-2.99	-2.77	-2.55	-2.35	-2.16	-1.97	-1.80	-1.63	-1.47	-1.32
0.50	-1.17	-1.04	-0.91	-0.78	-0.67	-0.56	-0.46	-0.37	-0.28	-0.21
0.52	-0.13	-0.07	-0.01	0.04	0.09	0.12	0.16	0.18	0.20	0.21
0.54	0.22	0.22	0.21	0.19	0.17	0.15	0.11	0.07	0.02	-0.03
0.56	-0.09	-0.16	-0.23	-0.31	-0.39	-0.49	-0.58	-0.69	-0.80	-0.91
0.58	-1.03	-1.15	-1.28	-1.41	-1.55	-1.68	-1.82	-1.96	-2.10	-2.24
0.60	-2.37	-2.50	-2.62	-2.74	-2.84	-2.93	-3.01	-3.08	-3.13	-3.16
0.62	-3.17	-3.16	-3.13	-3.07	-3.00	-2.91	-2.80	-2.67	-2.52	-2.36
0.64	-2.18	-2.00	-1.80	-1.60	-1.39	-1.18	-0.96	-0.75	-0.53	-0.31
0.66	-0.09	0.12	0.33	0.54	0.74	0.94	1.14	1.33	1.51	1.69
0.68	1.87	2.04	2.20	2.36	2.51	2.66	2.80	2.93	3.06	3.18
0.70	3.30	3.41	3.52	3.62	3.71	3.80	3.88	3.96	4.03	4.10
0.72	4.16	4.21	4.26	4.31	4.35	4.38	4.41	4.43	4.45	4.46
0.74	4.47	4.48	4.48	4.47	4.46	4.45	4.43	4.40	4.38	4.35
0.76	4.31	4.27	4.23	4.18	4.13	4.08	4.02	3.97	3.91	3.85
0.78	3.78	3.72	3.65	3.59	3.52	3.46	3.40	3.34	3.28	3.22
0.80	3.17	3.12	3.07	3.03	3.00	2.97	2.95	2.93	2.93	2.93
0.82	2.94	2.95	2.98	3.01	3.05	3.10	3.16	3.23	3.30	3.38
0.84	3.46	3.56	3.65	3.76	3.86	3.97	4.09	4.20	4.32	4.44
0.86	4.56	4.68	4.80	4.93	5.05	5.17	5.29	5.40	5.52	5.63
0.88	5.74	5.85	5.96	6.06	6.16	6.26	6.36	6.45	6.53	6.62
0.90	6.70	6.78	6.85	6.92	6.99	7.05	7.11	7.16	7.22	7.26
0.92	7.31	7.35	7.39	7.42	7.45	7.48	7.50	7.52	7.54	7.55
0.94	7.56	7.57	7.57	7.57	7.57	7.57	7.56	7.55	7.54	7.53
0.96	7.52	7.50	7.48	7.46	7.44	7.42	7.39	7.37	7.34	7.32
0.98	7.29	7.27	7.24	7.22	7.20	7.18	7.15	7.14	7.12	7.11

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 28.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	7.09	7.15	7.56	8.24	8.96	9.55	9.94	10.10	10.09	10.01
1.2	9.99	10.17	10.55	11.06	11.57	11.97	12.21	12.29	12.26	12.21
1.4	12.24	12.44	12.80	13.23	13.64	13.94	14.10	14.14	14.09	14.03
1.6	14.07	14.25	14.56	14.92	15.26	15.50	15.62	15.64	15.59	15.54
1.8	15.57	15.72	15.97	16.26	16.52	16.71	16.80	16.81	16.77	16.74
2.0	16.77	16.90	17.09	17.32	17.51	17.64	17.70	17.69	17.65	17.63
2.2	17.67	17.78	17.94	18.12	18.26	18.34	18.36	18.32	18.27	18.25
2.4	18.28	18.38	18.52	18.66	18.76	18.80	18.78	18.72	18.64	18.60
2.6	18.62	18.70	18.82	18.93	19.00	19.01	18.96	18.87	18.77	18.71
2.8	18.71	18.76	18.84	18.91	18.95	18.93	18.85	18.74	18.62	18.54
3.0	18.51	18.53	18.57	18.61	18.60	18.54	18.43	18.28	18.14	18.04
3.2	17.98	17.97	17.98	17.97	17.91	17.80	17.63	17.44	17.25	17.11
3.4	17.02	16.98	16.95	16.89	16.77	16.59	16.34	16.08	15.82	15.62
3.6	15.48	15.38	15.30	15.17	14.97	14.69	14.34	13.94	13.57	13.25
3.8	13.01	12.82	12.64	12.40	12.05	11.58	11.01	10.37	9.73	9.16
4.0	8.68	8.27	7.83	7.26	6.49	5.46	4.14	2.54	0.74	-1.14
4.2	-3.04	-5.14	-8.11	-13.93	-25.73	-10.27	-4.59	-1.22	1.04	2.61
4.4	3.77	4.70	5.57	6.49	7.48	8.48	9.43	10.26	10.95	11.51
4.6	11.97	12.37	12.77	13.22	13.72	14.24	14.76	15.24	15.65	15.98
4.8	16.27	16.53	16.80	17.09	17.42	17.78	18.13	18.45	18.73	18.98
5.0	19.18	19.38	19.57	19.79	20.04	20.30	20.56	20.80	21.01	21.19
5.2	21.34	21.49	21.65	21.82	22.01	22.22	22.41	22.60	22.76	22.90
5.4	23.02	23.13	23.26	23.40	23.55	23.71	23.87	24.01	24.14	24.24
5.6	24.34	24.43	24.52	24.64	24.76	24.89	25.01	25.13	25.22	25.30
5.8	25.37	25.44	25.51	25.60	25.70	25.80	25.90	25.98	26.05	26.11
6.0	26.16	26.21	26.27	26.33	26.41	26.48	26.56	26.62	26.67	26.71
6.2	26.74	26.77	26.81	26.85	26.91	26.96	27.01	27.05	27.08	27.10
6.4	27.11	27.12	27.14	27.17	27.21	27.24	27.27	27.29	27.30	27.29
6.6	27.29	27.28	27.28	27.29	27.31	27.32	27.33	27.33	27.31	27.29
6.8	27.26	27.24	27.22	27.21	27.20	27.19	27.18	27.16	27.12	27.08
7.0	27.03	26.98	26.94	26.91	26.88	26.85	26.81	26.76	26.70	26.63
7.2	26.56	26.48	26.42	26.36	26.30	26.24	26.18	26.10	26.01	25.91
7.4	25.80	25.70	25.60	25.51	25.42	25.33	25.23	25.11	24.98	24.84
7.6	24.70	24.55	24.42	24.29	24.16	24.02	23.87	23.70	23.52	23.32
7.8	23.12	22.91	22.72	22.52	22.33	22.13	21.90	21.66	21.39	21.10
8.0	20.81	20.51	20.21	19.91	19.61	19.28	18.93	18.54	18.10	17.64
8.2	17.15	16.64	16.12	15.58	15.02	14.40	13.70	12.89	11.97	10.92
8.4	9.73	8.40	6.88	5.09	2.85	-0.27	-5.45	-21.39	-8.06	-1.21
8.6	2.54	5.09	7.00	8.53	9.82	10.97	12.02	12.99	13.89	14.71
8.8	15.45	16.11	16.71	17.25	17.76	18.25	18.73	19.20	19.65	20.09
9.0	20.49	20.87	21.22	21.54	21.86	22.17	22.47	22.78	23.08	23.37
9.2	23.64	23.90	24.14	24.37	24.59	24.81	25.03	25.26	25.47	25.69
9.4	25.89	26.08	26.26	26.43	26.59	26.76	26.93	27.10	27.26	27.42
9.6	27.58	27.72	27.86	27.99	28.12	28.24	28.37	28.50	28.63	28.76
9.8	28.88	28.99	29.09	29.19	29.29	29.39	29.49	29.59	29.69	29.78

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 29.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-33.62	-33.27	-32.94	-32.63	-32.33	-32.04	-31.76	-31.50	-31.25	-31.02
0.12	-30.80	-30.59	-30.39	-30.21	-30.03	-29.88	-29.73	-29.59	-29.47	-29.36
0.14	-29.27	-29.18	-29.11	-29.04	-28.99	-28.95	-28.92	-28.91	-28.89	-28.89
0.16	-28.90	-28.91	-28.92	-28.93	-28.95	-28.96	-28.96	-28.94	-28.91	-28.86
0.18	-28.78	-28.67	-28.52	-28.34	-28.11	-27.84	-27.52	-27.17	-26.78	-26.36
0.20	-25.92	-25.45	-24.96	-24.46	-23.95	-23.43	-22.91	-22.40	-21.88	-21.37
0.22	-20.86	-20.37	-19.87	-19.39	-18.92	-18.45	-18.00	-17.55	-17.11	-16.69
0.24	-16.27	-15.86	-15.46	-15.07	-14.70	-14.33	-13.97	-13.62	-13.27	-12.94
0.26	-12.62	-12.30	-12.00	-11.70	-11.41	-11.13	-10.86	-10.60	-10.34	-10.09
0.28	-9.86	-9.63	-9.40	-9.19	-8.98	-8.79	-8.60	-8.41	-8.24	-8.07
0.30	-7.92	-7.76	-7.62	-7.48	-7.36	-7.24	-7.12	-7.02	-6.92	-6.83
0.32	-6.74	-6.67	-6.60	-6.54	-6.49	-6.44	-6.40	-6.37	-6.35	-6.33
0.34	-6.32	-6.32	-6.33	-6.34	-6.37	-6.40	-6.44	-6.48	-6.54	-6.61
0.36	-6.68	-6.76	-6.85	-6.95	-7.06	-7.18	-7.31	-7.45	-7.60	-7.76
0.38	-7.92	-8.10	-8.29	-8.49	-8.70	-8.91	-9.13	-9.36	-9.60	-9.84
0.40	-10.08	-10.32	-10.55	-10.77	-10.98	-11.16	-11.32	-11.44	-11.52	-11.56
0.42	-11.55	-11.48	-11.36	-11.19	-10.98	-10.72	-10.42	-10.10	-9.75	-9.39
0.44	-9.01	-8.63	-8.25	-7.86	-7.48	-7.10	-6.74	-6.37	-6.02	-5.68
0.46	-5.35	-5.02	-4.71	-4.41	-4.12	-3.83	-3.56	-3.30	-3.05	-2.81
0.48	-2.57	-2.35	-2.14	-1.93	-1.73	-1.55	-1.37	-1.19	-1.03	-0.88
0.50	-0.73	-0.59	-0.45	-0.33	-0.21	-0.10	0.00	0.10	0.19	0.27
0.52	0.35	0.42	0.48	0.54	0.59	0.63	0.67	0.70	0.72	0.74
0.54	0.75	0.75	0.75	0.74	0.73	0.71	0.68	0.65	0.61	0.56
0.56	0.51	0.45	0.39	0.31	0.24	0.16	0.07	-0.03	-0.13	-0.23
0.58	-0.34	-0.45	-0.57	-0.69	-0.81	-0.94	-1.07	-1.19	-1.32	-1.45
0.60	-1.57	-1.69	-1.81	-1.92	-2.02	-2.11	-2.19	-2.26	-2.31	-2.35
0.62	-2.37	-2.37	-2.36	-2.32	-2.27	-2.19	-2.10	-1.99	-1.87	-1.73
0.64	-1.58	-1.42	-1.24	-1.06	-0.87	-0.67	-0.47	-0.27	-0.06	0.14
0.66	0.35	0.55	0.75	0.96	1.15	1.35	1.54	1.72	1.91	2.08
0.68	2.25	2.42	2.58	2.74	2.89	3.04	3.18	3.31	3.44	3.57
0.70	3.69	3.80	3.91	4.01	4.11	4.20	4.28	4.36	4.44	4.51
0.72	4.57	4.63	4.69	4.73	4.78	4.82	4.85	4.88	4.90	4.92
0.74	4.94	4.95	4.95	4.95	4.95	4.94	4.93	4.91	4.89	4.87
0.76	4.84	4.81	4.78	4.74	4.70	4.65	4.61	4.56	4.51	4.45
0.78	4.40	4.34	4.29	4.23	4.17	4.12	4.06	4.01	3.95	3.90
0.80	3.86	3.81	3.77	3.73	3.70	3.67	3.65	3.64	3.63	3.63
0.82	3.63	3.64	3.66	3.69	3.72	3.76	3.81	3.87	3.93	4.00
0.84	4.07	4.15	4.24	4.33	4.42	4.52	4.62	4.73	4.83	4.94
0.86	5.05	5.17	5.28	5.39	5.50	5.62	5.73	5.84	5.95	6.06
0.88	6.16	6.27	6.37	6.47	6.57	6.66	6.75	6.84	6.93	7.01
0.90	7.09	7.17	7.24	7.31	7.38	7.44	7.50	7.56	7.61	7.66
0.92	7.71	7.75	7.79	7.82	7.86	7.89	7.91	7.94	7.96	7.97
0.94	7.99	8.00	8.01	8.02	8.02	8.02	8.02	8.01	8.01	8.00
0.96	7.99	7.98	7.96	7.95	7.93	7.92	7.90	7.88	7.86	7.84
0.98	7.82	7.80	7.78	7.76	7.74	7.72	7.71	7.69	7.68	7.67

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 29.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	7.66	7.71	8.08	8.71	9.39	9.96	10.34	10.52	10.52	10.45
1.2	10.44	10.60	10.97	11.46	11.95	12.35	12.59	12.68	12.65	12.59
1.4	12.61	12.78	13.11	13.53	13.93	14.24	14.42	14.46	14.41	14.35
1.6	14.36	14.50	14.77	15.12	15.45	15.70	15.83	15.86	15.81	15.76
1.8	15.76	15.88	16.09	16.36	16.61	16.80	16.89	16.90	16.86	16.82
2.0	16.83	16.93	17.10	17.30	17.48	17.61	17.66	17.64	17.59	17.55
2.2	17.56	17.65	17.79	17.95	18.08	18.16	18.16	18.11	18.03	17.97
2.4	17.97	18.04	18.16	18.29	18.39	18.42	18.39	18.30	18.20	18.11
2.6	18.09	18.13	18.21	18.31	18.37	18.37	18.30	18.19	18.05	17.94
2.8	17.88	17.89	17.93	17.99	18.00	17.96	17.85	17.70	17.53	17.39
3.0	17.30	17.27	17.27	17.27	17.23	17.13	16.96	16.75	16.53	16.34
3.2	16.21	16.14	16.10	16.04	15.94	15.75	15.50	15.19	14.88	14.61
3.4	14.41	14.27	14.17	14.04	13.83	13.53	13.12	12.65	12.16	11.72
3.6	11.38	11.11	10.88	10.60	10.20	9.64	8.92	8.04	7.10	6.19
3.8	5.39	4.70	4.02	3.17	1.97	0.23	-2.35	-6.33	-13.65	-26.40
4.0	-11.89	-7.36	-4.64	-2.39	-0.23	1.83	3.68	5.24	6.49	7.47
4.2	8.23	8.84	9.39	9.96	10.60	11.30	12.00	12.66	13.24	13.72
4.4	14.10	14.43	14.75	15.08	15.46	15.89	16.32	16.74	17.11	17.42
4.6	17.68	17.91	18.12	18.36	18.63	18.92	19.23	19.52	19.79	20.02
4.8	20.21	20.38	20.54	20.72	20.92	21.15	21.38	21.60	21.80	21.97
5.0	22.11	22.24	22.37	22.51	22.67	22.84	23.02	23.19	23.34	23.47
5.2	23.58	23.68	23.78	23.89	24.02	24.15	24.29	24.43	24.54	24.64
5.4	24.72	24.79	24.86	24.95	25.05	25.15	25.26	25.36	25.45	25.52
5.6	25.58	25.63	25.68	25.74	25.81	25.89	25.97	26.04	26.11	26.15
5.8	26.19	26.21	26.24	26.28	26.33	26.39	26.44	26.49	26.53	26.55
6.0	26.56	26.57	26.58	26.60	26.63	26.66	26.69	26.71	26.73	26.73
6.2	26.71	26.70	26.69	26.69	26.69	26.70	26.71	26.71	26.70	26.67
6.4	26.64	26.60	26.56	26.54	26.52	26.50	26.49	26.46	26.42	26.37
6.6	26.31	26.24	26.18	26.13	26.08	26.04	25.99	25.94	25.87	25.78
6.8	25.69	25.60	25.50	25.42	25.34	25.26	25.18	25.09	24.98	24.86
7.0	24.72	24.59	24.46	24.33	24.21	24.09	23.96	23.82	23.66	23.48
7.2	23.29	23.10	22.91	22.73	22.54	22.36	22.17	21.96	21.72	21.46
7.4	21.18	20.89	20.61	20.32	20.04	19.76	19.45	19.11	18.73	18.31
7.6	17.86	17.39	16.90	16.41	15.91	15.38	14.79	14.14	13.38	12.52
7.8	11.53	10.43	9.21	7.85	6.29	4.40	1.90	-1.81	-8.88	-18.13
8.0	-4.55	0.52	3.63	5.84	7.56	8.99	10.24	11.38	12.43	13.39
8.2	14.26	15.03	15.73	16.34	16.91	17.43	17.94	18.43	18.92	19.39
8.4	19.84	20.26	20.65	21.00	21.34	21.65	21.97	22.28	22.59	22.90
8.6	23.20	23.48	23.74	23.98	24.21	24.43	24.65	24.88	25.10	25.32
8.8	25.54	25.74	25.93	26.11	26.28	26.44	26.61	26.77	26.94	27.11
9.0	27.27	27.42	27.56	27.70	27.83	27.95	28.07	28.20	28.33	28.46
9.2	28.58	28.69	28.80	28.90	29.00	29.09	29.18	29.28	29.37	29.47
9.4	29.56	29.65	29.73	29.80	29.87	29.93	30.00	30.07	30.14	30.21
9.6	30.27	30.34	30.39	30.44	30.48	30.53	30.57	30.61	30.66	30.71
9.8	30.75	30.78	30.82	30.84	30.86	30.89	30.91	30.93	30.96	30.98

TABLE 4(CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 30.0 DEGREES

RADIUS	.000	.002	.004	.006	.008	.010	.012	.014	.016	.018
0.10	-33.05	-32.71	-32.37	-32.06	-31.75	-31.46	-31.19	-30.92	-30.67	-30.43
0.12	-30.21	-30.00	-29.80	-29.61	-29.44	-29.28	-29.13	-28.99	-28.87	-28.75
0.14	-28.65	-28.56	-28.49	-28.42	-28.36	-28.32	-28.29	-28.26	-28.25	-28.24
0.16	-28.24	-28.25	-28.26	-28.27	-28.28	-28.29	-28.29	-28.28	-28.25	-28.21
0.18	-28.13	-28.03	-27.89	-27.72	-27.50	-27.25	-26.95	-26.61	-26.24	-25.83
0.20	-25.40	-24.94	-24.46	-23.97	-23.46	-22.95	-22.44	-21.93	-21.41	-20.90
0.22	-20.40	-19.90	-19.41	-18.93	-18.45	-17.99	-17.53	-17.08	-16.64	-16.21
0.24	-15.80	-15.39	-14.99	-14.60	-14.22	-13.84	-13.48	-13.13	-12.79	-12.45
0.26	-12.13	-11.81	-11.50	-11.20	-10.91	-10.63	-10.36	-10.09	-9.83	-9.59
0.28	-9.35	-9.11	-8.89	-8.67	-8.47	-8.27	-8.07	-7.89	-7.71	-7.54
0.30	-7.38	-7.23	-7.08	-6.95	-6.82	-6.69	-6.58	-6.47	-6.37	-6.27
0.32	-6.19	-6.11	-6.04	-5.97	-5.92	-5.87	-5.83	-5.79	-5.76	-5.75
0.34	-5.73	-5.73	-5.73	-5.74	-5.76	-5.79	-5.82	-5.87	-5.92	-5.98
0.36	-6.04	-6.12	-6.20	-6.30	-6.40	-6.51	-6.63	-6.76	-6.90	-7.05
0.38	-7.21	-7.38	-7.56	-7.75	-7.94	-8.15	-8.36	-8.58	-8.80	-9.03
0.40	-9.26	-9.49	-9.71	-9.93	-10.13	-10.32	-10.48	-10.61	-10.71	-10.77
0.42	-10.78	-10.75	-10.66	-10.53	-10.35	-10.12	-9.86	-9.57	-9.25	-8.91
0.44	-8.56	-8.19	-7.83	-7.45	-7.08	-6.71	-6.35	-5.99	-5.65	-5.31
0.46	-4.97	-4.65	-4.34	-4.04	-3.74	-3.46	-3.19	-2.92	-2.67	-2.42
0.48	-2.19	-1.96	-1.75	-1.54	-1.34	-1.15	-0.96	-0.79	-0.62	-0.46
0.50	-0.31	-0.17	-0.03	0.10	0.22	0.33	0.44	0.54	0.64	0.72
0.52	0.80	0.88	0.94	1.01	1.06	1.11	1.15	1.18	1.21	1.24
0.54	1.25	1.26	1.27	1.26	1.25	1.24	1.22	1.19	1.16	1.12
0.56	1.08	1.02	0.97	0.91	0.84	0.76	0.69	0.60	0.51	0.42
0.58	0.32	0.22	0.11	-0.00	-0.11	-0.23	-0.35	-0.46	-0.58	-0.70
0.60	-0.82	-0.93	-1.04	-1.14	-1.24	-1.32	-1.40	-1.47	-1.53	-1.57
0.62	-1.60	-1.61	-1.61	-1.58	-1.55	-1.49	-1.42	-1.33	-1.23	-1.11
0.64	-0.98	-0.83	-0.68	-0.52	-0.34	-0.17	0.02	0.21	0.40	0.59
0.66	0.78	0.98	1.17	1.36	1.55	1.74	1.92	2.10	2.28	2.45
0.68	2.62	2.79	2.95	3.10	3.25	3.40	3.54	3.67	3.80	3.93
0.70	4.05	4.16	4.27	4.38	4.47	4.57	4.66	4.74	4.82	4.89
0.72	4.96	5.02	5.08	5.13	5.18	5.22	5.26	5.30	5.32	5.35
0.74	5.37	5.38	5.40	5.40	5.40	5.40	5.40	5.39	5.37	5.36
0.76	5.34	5.31	5.28	5.25	5.22	5.18	5.15	5.10	5.06	5.02
0.78	4.97	4.92	4.87	4.83	4.78	4.73	4.68	4.63	4.58	4.54
0.80	4.50	4.46	4.42	4.39	4.36	4.33	4.31	4.30	4.29	4.28
0.82	4.29	4.29	4.31	4.33	4.36	4.39	4.43	4.48	4.53	4.59
0.84	4.65	4.72	4.80	4.88	4.96	5.05	5.14	5.24	5.33	5.43
0.86	5.53	5.64	5.74	5.85	5.95	6.06	6.16	6.26	6.37	6.47
0.88	6.57	6.67	6.77	6.86	6.96	7.05	7.14	7.22	7.31	7.39
0.90	7.47	7.54	7.61	7.68	7.75	7.81	7.87	7.93	7.98	8.03
0.92	8.08	8.13	8.17	8.20	8.24	8.27	8.30	8.33	8.35	8.37
0.94	8.39	8.40	8.41	8.42	8.43	8.43	8.44	8.44	8.43	8.43
0.96	8.42	8.42	8.41	8.40	8.39	8.37	8.36	8.34	8.33	8.31
0.98	8.30	8.28	8.26	8.25	8.23	8.22	8.21	8.19	8.18	8.17

TABLE 4 (CONTD.).

RADAR CROSS SECTION OF A HEMISPHERE PER SQUARE WAVELENGTH IN DECIBELS
INCIDENT POLARISATION HORIZONTAL
RADIUS IN WAVELENGTHS
ANGLE OF INCIDENCE = 30.0 DEGREES

RADIUS	.00	.02	.04	.06	.08	.10	.12	.14	.16	.18
1.0	8.17	8.22	8.57	9.14	9.79	10.34	10.72	10.90	10.92	10.86
1.2	10.84	10.99	11.33	11.80	12.29	12.68	12.93	13.02	13.00	12.93
1.4	12.92	13.06	13.36	13.76	14.17	14.49	14.67	14.73	14.68	14.60
1.6	14.59	14.69	14.93	15.25	15.57	15.82	15.97	16.00	15.96	15.89
1.8	15.88	15.96	16.14	16.38	16.62	16.80	16.89	16.90	16.85	16.80
2.0	16.79	16.85	17.00	17.18	17.35	17.47	17.51	17.48	17.40	17.34
2.2	17.32	17.37	17.49	17.64	17.76	17.83	17.82	17.75	17.64	17.54
2.4	17.50	17.53	17.62	17.73	17.82	17.85	17.80	17.68	17.54	17.40
2.6	17.32	17.31	17.36	17.43	17.47	17.46	17.37	17.21	17.02	16.85
2.8	16.72	16.67	16.67	16.68	16.67	16.59	16.43	16.22	15.97	15.74
3.0	15.57	15.46	15.40	15.35	15.26	15.09	14.84	14.51	14.16	13.83
3.2	13.56	13.38	13.25	13.11	12.91	12.61	12.18	11.64	11.06	10.50
3.4	10.02	9.66	9.37	9.06	8.62	8.00	7.13	6.03	4.73	3.36
3.6	2.04	0.88	-0.23	-1.58	-3.62	-7.08	-13.77	-15.20	-7.43	-3.33
3.8	-0.84	0.81	2.04	3.13	4.27	5.49	6.73	7.89	8.89	9.71
4.0	10.36	10.88	11.33	11.77	12.26	12.81	13.40	13.98	14.51	14.96
4.2	15.32	15.63	15.90	16.18	16.49	16.85	17.23	17.61	17.97	18.27
4.4	18.52	18.73	18.93	19.12	19.35	19.60	19.88	20.16	20.41	20.64
4.6	20.82	20.98	21.13	21.28	21.45	21.64	21.84	22.05	22.24	22.41
4.8	22.55	22.67	22.78	22.90	23.03	23.18	23.34	23.50	23.64	23.77
5.0	23.87	23.95	24.03	24.12	24.22	24.34	24.46	24.58	24.69	24.78
5.2	24.85	24.91	24.96	25.02	25.10	25.18	25.28	25.37	25.44	25.51
5.4	25.55	25.58	25.61	25.65	25.69	25.75	25.81	25.88	25.93	25.96
5.6	25.98	25.99	26.00	26.01	26.03	26.06	26.10	26.13	26.15	26.16
5.8	26.15	26.14	26.12	26.11	26.10	26.11	26.12	26.12	26.12	26.10
6.0	26.06	26.02	25.97	25.93	25.91	25.88	25.86	25.84	25.80	25.75
6.2	25.68	25.61	25.53	25.46	25.40	25.35	25.29	25.24	25.16	25.08
6.4	24.97	24.86	24.74	24.63	24.53	24.44	24.35	24.24	24.13	23.99
6.6	23.84	23.68	23.51	23.35	23.20	23.05	22.90	22.74	22.56	22.36
6.8	22.13	21.89	21.65	21.41	21.17	20.94	20.70	20.45	20.16	19.85
7.0	19.50	19.12	18.73	18.34	17.96	17.56	17.15	16.71	16.20	15.63
7.2	14.98	14.27	13.50	12.69	11.84	10.94	9.92	8.73	7.27	5.40
7.4	2.90	-0.70	-6.83	-46.28	-7.37	-1.45	2.03	4.56	6.61	8.34
7.6	9.83	11.11	12.20	13.14	13.96	14.68	15.35	15.99	16.61	17.21
7.8	17.78	18.32	18.82	19.27	19.68	20.07	20.44	20.80	21.16	21.51
8.0	21.87	22.20	22.52	22.81	23.08	23.33	23.58	23.82	24.07	24.32
8.2	24.56	24.80	25.02	25.23	25.42	25.60	25.78	25.96	26.14	26.32
8.4	26.50	26.67	26.84	26.99	27.13	27.27	27.40	27.53	27.67	27.80
8.6	27.94	28.07	28.19	28.30	28.40	28.50	28.60	28.70	28.80	28.90
8.8	28.99	29.09	29.18	29.26	29.33	29.40	29.47	29.53	29.60	29.67
9.0	29.74	29.81	29.87	29.92	29.97	30.01	30.05	30.09	30.13	30.18
9.2	30.22	30.26	30.29	30.32	30.34	30.36	30.37	30.39	30.41	30.43
9.4	30.44	30.46	30.46	30.47	30.46	30.45	30.45	30.44	30.43	30.42
9.6	30.41	30.40	30.38	30.36	30.33	30.29	30.26	30.22	30.19	30.16
9.8	30.12	30.08	30.03	29.98	29.92	29.86	29.79	29.73	29.66	29.60

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