

## 1. Test Information

Applicant: SAGEMCOM BROADBAND SAS

Address: 250 Route de l'Empereur - 92848 RUEIL MALMAISON CEDEX- FRANCE

Equipment: Smart Wi-Fi Extender

Model No.: F@st 266 XXXXXXXXXXX (XXXXXXXXXX, X can be A~Z, space and other presentation, XXXXXXXXXXX can be replaced by LLA and other presentation, it is various by marketing purpose in different countries)

Brand Name: SAGEMCOM

Test Date: 2024-03-05

Test by: Gemtek Technology Co., Ltd.

## 2. Test Location

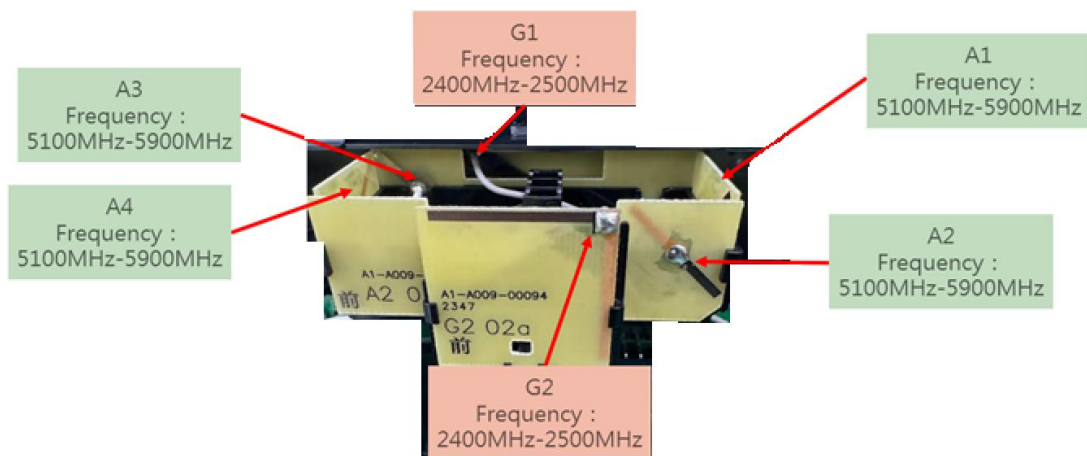
Test Lab: Gemtek Technology Co., Ltd.

Address: No.15-1 Zhonghua Road,Hsinchu Industrial Park, Hukou,Hsinchu,Taiwan. 30352

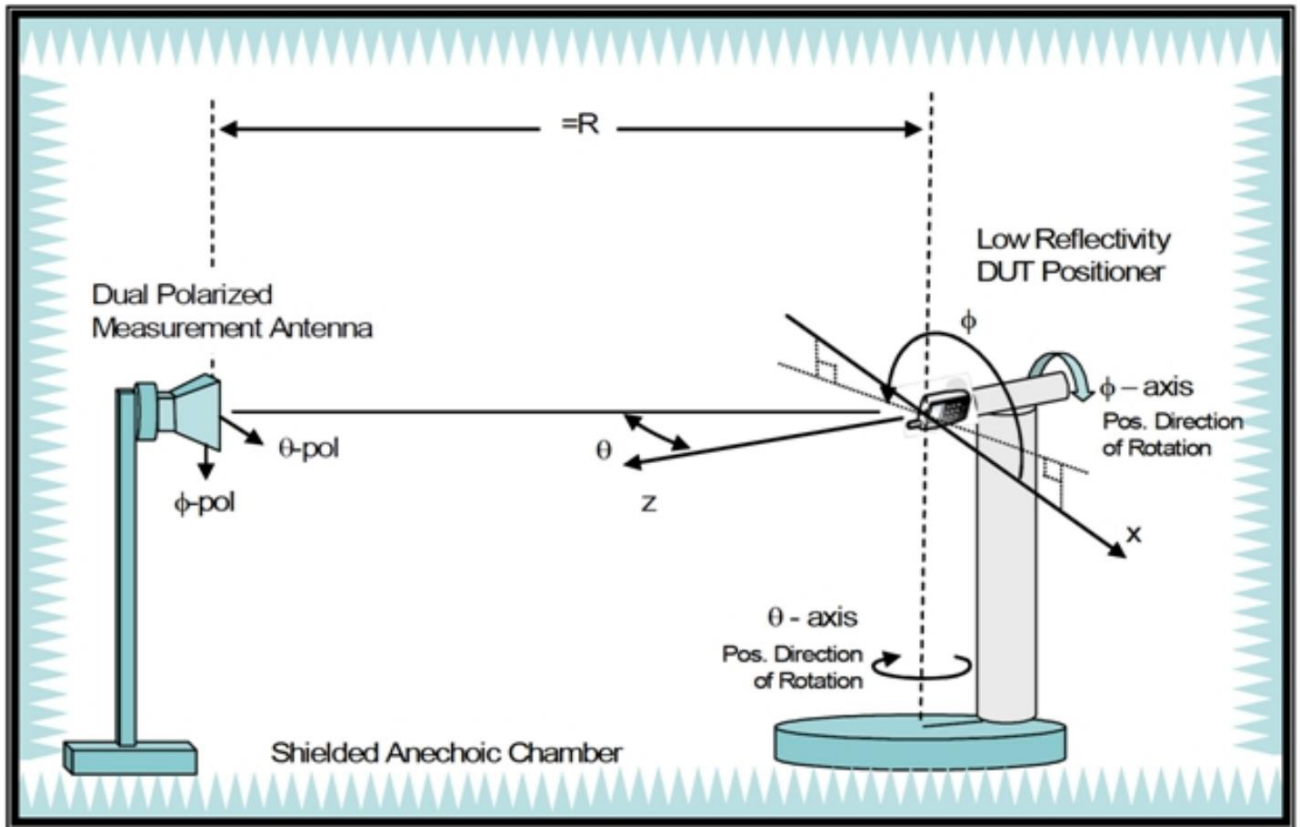
## 3. Test Frequency

Band (MHz)	Test Frequency (MHz)
2412 ~ 2462	2450
5150 ~ 5250	5200
5250 ~ 5350	5300
5470 ~ 5725	5600
5725 ~ 5850	5785

## 4. Antenna System

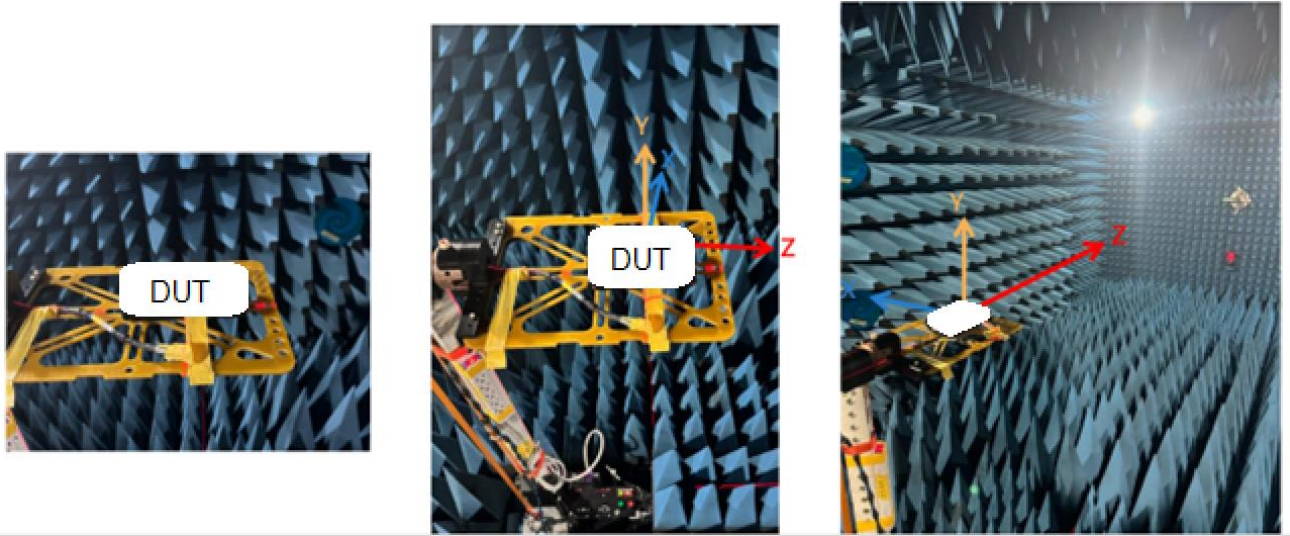


## 5. Test Configuration



## 6. Test Setup

### Test Setup



## 7. Test Method

The EUT is set on a multi-axis positioner. The measurement antenna is set at phi polarization and 1.5 meter height. Port 1 of the Network analyzer connects to the antenna of the EUT. Record S21 values every 5 degrees from 0 to 355 degrees on the Phi angle and 0 to 180 degrees on the theta angle of the multi-axis positioner. Then set the measurement antenna to theta polarization and repeat the process. Repeat the process for each antenna of the EUT.

## 8. Summary of Test Result

Calculate directional gain of 4TX antennas by same angle according to FCC KDB662911 D01 Multiple

Transmitter Output v02r01 The maximum DG gain was selected and recorded in following table

### Spatial Multiplexing DG calculations

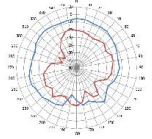
If antenna gains are not equal & each transmit antenna is driven by only one spatial stream

$$DG = 10 \log \left[ \frac{\sum_{j=1}^{N_{ANT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

Antenna Type	Frequency Band (GHz)	Antenna Gain (dBi)				Directional Gain (dBi)
		Ant 0	Ant 1	Ant 2	Ant 3	
Wi-Fi Internal Antenna (2.4GHz 3*3 MIMO, 5GHz 4*4 MIMO)						
PCB Antenna	2400 ~ 2483.5	2.75	2.85			3.35
	5150 ~ 5250	4.27	4.06	4.32	3.92	5.51
	5250 ~ 5350	4.31	4.37	4.46	4.07	5.43
	5470 ~ 5725	4.40	4.27	4.23	4.35	6.25
	5725 ~ 5850	4.40	4.27	4.23	4.35	6.28
Note 1: The EUT supports Cyclic Delay Diversity (CDD) mode for 802.11a/b/g/n/ac/ax and SISO Mode (Ant 0) for 802.11a/b.						
Note 2: If transmit signals are correlated, then Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ dBi [Note the "20"s in the denominator of each exponent and the square of the sum of terms; the object is to combine the signal levels coherently.]						

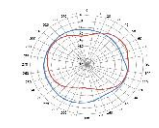
## 9. RAW DATA and Calculation DATA

Theta ( H )																																					
Theta (deg.) \ Phi (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360
0	1.54	1.17	0.69	-0.32	-1.17	-3.83	-7.02	-12.37	-19.09	-27.21	-37.00	-48.00	-60.00	-73.00	-87.00	-101.00	-115.00	-129.00	-143.00	-157.00	-171.00	-185.00	-199.00	-213.00	-227.00	-241.00	-255.00	-269.00	-283.00	-297.00	-311.00	-325.00	-339.00	-353.00	-367.00		
10	2.02	1.84	1.41	0.69	-0.47	-2.27	-4.81	-9.1	-19.63	-31.73	-45.73	-60.73	-75.73	-90.73	-105.73	-120.73	-135.73	-150.73	-165.73	-180.73	-195.73	-210.73	-225.73	-240.73	-255.73	-270.73	-285.73	-300.73	-315.73	-330.73	-345.73	-360.73	-375.73	-390.73	-405.73		
20	1.72	1.62	1.34	0.82	-0.02	-1.34	-3.39	-6.5	-11.86	-18.38	-26.13	-35.13	-44.13	-53.13	-62.13	-71.13	-80.13	-89.13	-98.13	-107.13	-116.13	-125.13	-134.13	-143.13	-152.13	-161.13	-170.13	-179.13	-188.13	-197.13	-206.13	-215.13	-224.13	-233.13	-242.13		
30	2.21	2.23	1.99	1.47	0.58	-0.48	-2.71	-5.28	-9.53	-14.36	-19.36	-24.36	-29.36	-34.36	-39.36	-44.36	-49.36	-54.36	-59.36	-64.36	-69.36	-74.36	-79.36	-84.36	-89.36	-94.36	-99.36	-104.36	-109.36	-114.36	-119.36	-124.36	-129.36	-134.36	-139.36		
40	2.78	2.74	2.52	2.08	1.31	0.06	-1.64	-3.82	-6.11	-7.73	-9.11	-10.48	-11.85	-13.22	-14.59	-15.96	-17.33	-18.70	-20.07	-21.44	-22.81	-24.18	-25.55	-26.92	-28.29	-29.66	-31.03	-32.40	-33.77	-35.14	-36.51	-37.88	-39.25	-40.62	-41.99		
50	0.3	0.69	0.01	0.39	0.21	-1.35	-2.94	-4.98	-6.22	-7.11	-8.44	-9.77	-11.10	-12.43	-13.76	-15.09	-16.42	-17.75	-19.08	-20.41	-21.74	-23.07	-24.40	-25.73	-27.06	-28.39	-29.72	-31.05	-32.38	-33.71	-35.04	-36.37	-37.70	-39.03	-40.36		
60	-0.87	-0.87	-0.94	-1.24	-2.02	-3.25	-4.65	-6.28	-8.08	-9.31	-10.54	-11.77	-13.00	-14.23	-15.46	-16.69	-17.92	-19.15	-20.38	-21.61	-22.84	-24.07	-25.30	-26.53	-27.76	-28.99	-30.22	-31.45	-32.68	-33.91	-35.14	-36.37	-37.60	-38.83	-40.06		
70	-2.55	-2.68	-2.65	-2.73	-3.42	-4.97	-7.3	-9.93	-13.38	-16.83	-20.28	-23.73	-27.18	-30.63	-34.08	-37.53	-40.98	-44.43	-47.88	-51.33	-54.78	-58.23	-61.68	-65.13	-68.58	-72.03	-75.48	-78.93	-82.38	-85.83	-89.28	-92.73	-96.18	-99.63			
80	-3.04	-3.31	-3.42	-3.74	-4.64	-6.33	-8.67	-10.43	-12.25	-14.07	-15.89	-17.71	-19.53	-21.35	-23.17	-24.99	-26.81	-28.63	-30.45	-32.27	-34.09	-35.91	-37.73	-39.55	-41.37	-43.19	-45.01	-46.83	-48.65	-50.47	-52.29	-54.11	-55.93	-57.75	-59.57		
90	-3.33	-3.65	-3.96	-4.7	-6.45	-9.46	-12.74	-16.03	-19.32	-22.61	-25.90	-29.19	-32.48	-35.77	-39.06	-42.35	-45.64	-48.93	-52.22	-55.51	-58.80	-62.09	-65.38	-68.67	-71.96	-75.25	-78.54	-81.83	-85.12	-88.41	-91.70	-95.00	-98.29	-101.58			
100	-3.64	-4.19	-4.86	-5.99	-8.03	-11.55	-16.76	-23.99	-32.73	-43.07	-54.01	-65.55	-77.69	-89.43	-101.77	-114.71	-128.25	-141.39	-155.03	-168.17	-181.81	-195.95	-210.59	-225.73	-240.37	-255.51	-270.15	-285.29	-300.43	-315.57	-330.71	-345.85	-360.99	-376.13	-391.27		
110	-4.25	-4.58	-5.27	-6.41	-8.04	-10.76	-14.98	-21.20	-29.42	-39.76	-52.20	-65.74	-80.38	-95.12	-110.96	-127.90	-144.84	-161.78	-178.72	-195.66	-212.60	-229.54	-246.48	-263.42	-280.36	-297.30	-314.24	-331.18	-348.12	-365.06	-382.00	-398.94	-415.88	-432.82			
120	-4.95	-5.58	-6.48	-8.22	-10.94	-14.26	-19.48	-26.70	-36.04	-47.48	-60.92	-76.36	-92.80	-110.24	-128.68	-147.12	-165.56	-184.00	-202.44	-220.88	-239.32	-257.76	-276.20	-294.64	-313.08	-331.52	-349.96	-368.40	-386.84	-405.28	-423.72	-442.16	-460.60	-479.04			
130	-5.67	-6.37	-7.48	-9.54	-12.84	-17.06	-23.28	-31.72	-42.66	-56.10	-72.04	-90.48	-111.42	-134.86	-160.80	-189.24	-220.18	-253.62	-290.56	-330.00	-372.04	-416.58	-463.62	-513.16	-565.20	-620.74	-679.78	-742.32	-809.36	-880.90	-956.94	-1037.48	-1122.52	-1212.06			
140	-6.21	-6.88	-8.09	-10.74	-14.26	-19.26	-26.26	-35.70	-48.14	-63.58	-82.02	-103.46	-127.90	-155.34	-185.78	-219.22	-255.66	-295.10	-337.54	-383.98	-434.42	-488.86	-547.30	-609.74	-676.18	-746.62	-821.06	-900.50	-984.94	-1074.38	-1168.82	-1268.26	-1372.70	-1482.14			
150	-6.88	-7.58	-8.89	-11.54	-15.54	-21.54	-29.54	-40.54	-54.54	-72.54	-94.54	-120.54	-150.54	-184.54	-222.54	-264.54	-310.54	-360.54	-414.54	-472.54	-534.54	-600.54	-670.54	-744.54	-822.54	-904.54	-990.54	-1080.54	-1174.54	-1272.54	-1374.54	-1480.54	-1590.54	-1704.54			
160	-6.66	-7.37	-8.84	-11.41	-15.41	-21.41	-29.41	-40.41	-54.41	-72.41	-94.41	-120.41	-150.41	-184.41	-222.41	-264.41	-310.41	-360.41	-414.41	-472.41	-534.41	-600.41	-670.41	-744.41	-822.41	-904.41	-990.41	-1080.41	-1174.41	-1272.41	-1374.41	-1480.41	-1590.41	-1704.41	-1822.41		
170	-6.17	-6.83	-8.07	-10.73	-14.25	-19.25	-26.25	-35.69	-48.13	-63.57	-82.01	-103.45	-127.89	-155.33	-185.77	-219.21	-255.65	-295.09	-337.53	-383.97	-434.41	-488.85	-547.29	-609.73	-676.17	-746.61	-821.05	-900.49	-984.93	-1074.37	-1168.81	-1268.25	-1372.69	-1482.13	-1591.57		
180	-12.96	-13.2	-12.30	-11.08	-9.73	-8.69	-7.81	-7.25	-6.82	-6.44	-6.34	-6.41	-6.77	-7.33	-8.1	-9.39	-10.3	-11.17	-12.2	-13.26	-10.33	-9.31	-8.29	-7.72	-7.4	-7.29	-7.29	-7.23	-7.49	-7.8	-8.2	-8.69	-9.34	-10.22	-11.2	-12.14	-12.8



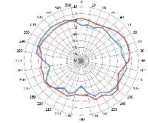
Phi ( V )																																					
Theta (deg.) \ Phi (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360
0	-10.52	-6.53	-3.98	-2.02	-0.53	0.56	1.27	1.59	1.66	1.58	1.09	0.29	-0.93	-2.68	-5.07	-8.3	-12.15	-17.15	-23.00	-30.00	-38.00	-46.00	-54.00	-62.00	-70.00	-78.00	-86.00	-94.00	-102.00	-110.00	-118.00	-126.00	-134.00	-142.00	-150.00	-158.00	
10	-12.15	-7.74	-4.64	-2.37	-0.65	0.56	1.36	1.81	0.78	1	0.9	0.07	-1.29	-3.39	-6.7	-11.86	-18.08	-25.51	-34.00	-43.00	-52.00	-61.00	-70.00	-79.00	-88.00	-97.00	-106.00	-115.00	-124.00	-133.00	-142.00	-151.00	-160.00	-169.00	-178.00	-187.00	
20	-17.53	-10.37	-6.31	-3.59	-1.54	-0.07	0.91	1.47	1.51	1.44	0.82	-0.2	-1.74	-3.96	-7.64	-11.8	-16.35	-21.48	-27.13	-33.00	-39.00	-45.00	-51.00	-57.00	-63.00	-69.00	-75.00	-81.00	-87.00	-93.00	-99.00	-105.00	-111.00	-117.00	-123.00	-129.00	
30	-20.23	-15.21	-8.42	-4.76	-2.48	-1.05	-0.12	0.31	-0.73	-0.08	-1.21	-2.69	-4.45	-6.88	-9.98	-11.68	-12.44	-11.09	-8.78	-6.85	-5.11	-3.63	-2.5	-1.76	-1.14	-1.03	-1.22	-1.5	-1.93	-2.41	-2.85	-3.53	-4.52	-6.09	-8.75	-13.7	-32.41
40	-14.15	-18.55	-20.99	-5.24	-2.24	-0.71	0.14	0.25	-0.29	-1.15	-2.62	-4.33	-6.71	-9.39	-12.24	-15.21	-18.22	-21.22	-24.22	-27.22	-30.22	-33.22	-36.22	-39.22	-42.22	-45.22	-48.22	-51.22	-54.22	-57.22	-60.22	-63.22	-66.22	-69.22	-72.22	-75.22	
50	-10.99	-13.94	-16.39	-5.81	-2.84	-1.16	0.34	0.23	-1.13	-3.13	-4.41	-5.52	-6.43	-7.03	-7.63	-8.03	-8.43	-8.83	-9.23	-9.63	-10.03	-10.43	-10.83	-11.23	-11.63	-12.03	-12.43	-12.83	-13.23	-13.63	-14.03	-14.43	-14.83	-15.23	-15.63	-16.03	
60	-13.29	-16.87	-19.55	-5.96	-3.28	-1.96	-1.47	-1.68	-1.28	-1.44	-1.14	-1.22	-1.24	-1.26	-1.28	-1.3	-1.32	-1.34	-1.36	-1.38	-1.4	-1.42	-1.44	-1.46	-1.48	-1.5	-1.52	-1.54	-1.56	-1.58	-1.6	-1.62	-1.64	-1.66	-1.68	-1.7	
70	-8.16	-10.85	-10.3	-6.9	-4.12	-2.66	-2.53	-2.53	-2.41	-2.23	-2.03	-1.83	-1.63	-1.43	-1.23	-1.03	-0.83	-0.63	-0.43	-0.23	-0.03	0.17	0.37	0.57	0.77	0.97	1.17	1.37	1.57	1.77	1.97	2.17	2.37	2.57	2.77		
80	-10.55	-12.66	-11.78	-8.69	-6.19	-4.71	-4.09	-4.13	-4.05	-3.81	-3.59	-3.41	-3.23	-3.05	-2.87	-2.69	-2.51	-2.33	-2.15	-1.97	-1.79	-1.61	-1.43	-1.25	-1.07	-0.89	-0.71	-0.53	-0.35	-0.17	0.01	0.19	0.37	0.55	0.73		
90	-8.63	-8.89	-7.14	-4.91	-3.48	-3.22	-4.15	-5.63	-8.34	-10.34	-12.55	-14.96	-17.39	-19.82	-22.25	-24.68	-27.11	-29.54	-31.97	-34.40	-36.83	-39.26	-41.69	-44.12	-46.55	-48.98	-51.41	-53.84	-56.27	-58.70	-61.13	-63.56	-65.99	-68.42	-70.85	-73.28	
100	-10.98	-12.08	-11.58	-9.88	-8.13	-7.06	-6.82	-7.2	-8.09	-7.78	-6.96	-7.04	-8.56	-11.11	-13.18	-15.11	-16.95	-18.72	-20.49	-22.26	-24.03	-25.80	-27.57	-29.34	-31.11	-32.88	-34.65	-36.42	-38.19	-39.96	-41.73	-43.50	-45.27	-47.04	-48.81	-50.58	
110	-12.82	-11.45	-9.08	-8.09	-7.54	-6.49	-6.061	-6.25	-6.504	-6.73	-7.01	-7.33	-7.69	-8.09	-8.53	-8.99	-9.47	-9.97	-10.47	-10.97	-11.47	-11.97	-12.47	-12.97	-13.47	-13.97	-14.47	-14.97	-15.47	-15.97	-16.47	-16.97	-17.47	-17.97	-18.47	-18.97	
120	-21.22	-26.71	-18.42	-14.14	-12.2	-12.11	-13.82	-15.96	-15.18	-13.87	-14.64	-17.92	-20.66	-13.43	-9.22	-7.04	-6.57	-7.03	-8.11	-9.75	-11.23	-11.42	-10.55	-9.26	-7.89	-6.59	-5.08	-3.31	-2.44	-2.79	-4.03	-5.72	-7.75	-9.75	-12.35	-16.27	-22.2

Theta ( H )																																						
Theta (deg.)	Phi (deg.)																																					
Phi (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	
0	-3.65	-4.23	-5	-6.07	-7.47	-9.07	-9.98	-9.25	-7.99	-6.44	-5.15	-4.14	-3.4	-3.19	-3.49	-3.38	-3.9	-3.66	-4.16	-4.85	-6.22	-7.46	-8.89	-10.02	-10.12	-9.21	-8.09	-6.67	-5.48	-4.55	-3.81	-3.29	-2.99	-2.82	-2.87	-3.18	-3.62	
10	-5.54	-7	-9.08	-11.08	-15.16	-14.73	-11.21	-8.23	-6.28	-4.73	-3.45	-2.31	-2.43	-2.36	-2.47	-2.58	-2.69	-2.78	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79
20	-8.17	-10.62	-14.66	-21.2	-18.75	-12.44	-8.63	-5.92	-4.27	-3.05	-2.17	-1.75	-1.7	-1.9	-2.1	-2.42	-2.83	-3.02	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07
30	-10.17	-13.88	-19.69	-29.73	-24.44	-15.11	-9.63	-6.49	-4.31	-2.85	-2.08	-1.72	-1.73	-1.93	-2.13	-2.43	-2.83	-3.02	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07
40	-11.05	-15.87	-24.6	-39.75	-31.44	-19.11	-11.63	-7.85	-5.17	-3.29	-2.19	-1.71	-1.69	-1.99	-2.19	-2.49	-2.89	-3.08	-3.13	-3.13	-3.13	-3.13	-3.13	-3.13	-3.13	-3.13	-3.13	-3.13	-3.13	-3.13	-3.13	-3.13	-3.13	-3.13	-3.13	-3.13	-3.13	-3.13
50	-8.63	-13.19	-21.19	-34.19	-28.19	-17.19	-10.19	-6.19	-3.19	-1.71	-0.99	-0.59	-0.68	-0.78	-0.88	-0.98	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08
60	-7.46	-11.46	-18.46	-28.46	-23.46	-14.46	-8.46	-4.46	-2.46	-1.46	-0.76	-0.36	-0.46	-0.56	-0.66	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76
70	-6.69	-10.69	-16.69	-25.69	-20.69	-12.69	-6.69	-2.69	-1.69	-0.99	-0.59	-0.39	-0.49	-0.59	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69
80	-7.92	-12.12	-19.12	-29.12	-24.12	-15.12	-9.12	-5.12	-3.12	-2.12	-1.42	-0.82	-0.52	-0.62	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72
90	-8.87	-13.87	-22.87	-33.87	-28.87	-19.87	-13.87	-8.87	-4.87	-3.87	-2.87	-2.17	-1.57	-1.07	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77
100	-7.69	-12.69	-20.69	-30.69	-25.69	-16.69	-10.69	-6.69	-4.69	-3.69	-2.69	-2.09	-1.49	-0.99	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69
110	-10.24	-14.24	-22.24	-32.24	-27.24	-18.24	-12.24	-8.24	-6.24	-5.24	-4.24	-3.24	-2.24	-1.24	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94
120	-8.38	-13.38	-21.38	-31.38	-26.38	-17.38	-11.38	-7.38	-5.38	-4.38	-3.38	-2.38	-1.38	-1.08	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98
130	-5.38	-10.38	-18.38	-28.38	-23.38	-14.38	-8.38	-4.38	-2.38	-1.38	-0.68	-0.28	-0.38	-0.48	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58
140	-6.89	-11.89	-19.89	-29.89	-24.89	-15.89	-9.89	-5.89	-3.89	-2.89	-2.19	-1.59	-1.09	-0.79	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69
150	-8.09	-13.09	-21.09	-31.09	-26.09	-17.09	-11.09	-7.09	-5.09	-4.09	-3.09	-2.09	-1.09	-0.79	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69	-0.69
160	-6.32	-11.32	-19.32	-29.32	-24.32	-15.32	-9.32	-5.32	-3.32	-2.32	-1.62	-1.02	-0.72	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62
170	-6.51	-11.51	-19.51	-29.51	-24.51	-15.51	-9.51	-5.51	-3.51	-2.51	-1.81	-1.21	-0.81	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71	
180	-10.07	-14.07	-22.07	-32.07	-27.07	-18.07	-12.07	-8.07	-6.07	-5.07	-4.07	-3.07	-2.07	-1.07	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77



Phi ( V )																																					
Theta (deg.)	Phi (deg.)																																				
Phi (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360
0	-7.22	-6.16	-5.21	-4.34	-3.70	-3.45	-3.48	-3.71	-4.13	-4.66	-5.28	-5.97	-6.71	-7.48	-8.24	-9.07	-9.94	-10.83	-11.72	-12.61	-13.49	-14.36	-15.21	-16.04	-16.85	-17.63	-18.39	-19.12	-19.82	-20.49	-21.13	-21.74	-22.31	-22.84	-23.34	-23.81	-24.25
10	-6.62	-5.58	-4.62	-3.84	-3.16	-2.99	-3.11	-3.12	-3.23	-3.43	-3.69	-4.01	-4.37	-4.76	-5.17	-5.61	-6.07	-6.54	-7.01	-7.48	-7.94	-8.39	-8.84	-9.28	-9.71	-10.13	-10.54	-10.94	-11.33	-11.71	-12.08	-12.44	-12.79	-13.13	-13.46	-13.77	-14.07
20	-5.8	-4.85	-3.87	-3.23	-2.73	-2.52	-2.28	-2.45	-2.68	-2.97	-3.31	-3.68	-4.07	-4.47	-4.88	-5.29	-5.71	-6.13	-6.54	-6.94	-7.34	-7.73	-8.11	-8.48	-8.84	-9.19	-9.53	-9.86	-10.18	-10.49	-10.79	-11.08	-11.36	-11.63	-11.89	-12.14	-12.38
30	-5.48	-4.61	-3.85	-3.32	-2.77	-2.55	-2.28	-2.48	-2.81	-3.17	-3.54	-3.92	-4.31	-4.7	-5.08	-5.45	-5.81	-6.17	-6.52	-6.87	-7.21	-7.54	-7.87	-8.19	-8.5	-8.8	-9.09	-9.37	-9.64	-9.9	-10.16	-10.41	-10.65	-10.89	-11.12	-11.34	-11.55
40	-6.07	-5.01	-4.51	-4.02	-3.51	-3.28	-3.01	-2.73	-2.93	-3.26	-3.62	-3.99	-4.36	-4.73	-5.09	-5.44	-5.78	-6.11	-6.43	-6.75	-7.06	-7.36	-7.65	-7.93	-8.2	-8.46	-8.71	-8.95	-9.18	-9.4	-9.61	-9.81	-10.0	-10.18	-10.35	-10.51	-10.66
50	-7.07	-6.09	-5.7	-5.29	-4.87	-4.64	-4.37	-4.09	-4.29	-4.62	-4.98	-5.34	-5.7	-6.05	-6.39	-6.72	-7.04	-7.35	-7.65	-7.94	-8.22	-8.49	-8.75	-9.0	-9.24	-9.47	-9.69	-9.9	-10.1	-10.29	-10.46	-10.62	-10.77	-10.91	-11.04	-11.17	-11.29
60	-8.74	-7.82	-7.45	-7.03	-6.61	-6.38	-6.11	-5.83	-6.03	-6.36	-6.72	-7.07	-7.41	-7.74	-8.06	-8.37	-8.67	-8.96	-9.24	-9.51	-9.77	-10.02	-10.26	-10.49	-10.71	-10.92	-11.12	-11.31	-11.49	-11.66	-11.82	-11.97	-12.11	-12.24	-12.36	-12.47	-12.57
70	-8.85	-7.93	-7.59	-7.18	-6.76	-6.53	-6.26	-5.98	-6.18	-6.51	-6.87	-7.22	-7.56	-7.89	-8.21	-8.52	-8.82	-9.11	-9.39	-9.66	-9.92	-10.17	-10.41	-10.64	-10.86	-11.07	-11.27	-11.46	-11.64	-11.81	-11.97	-12.12	-12.26	-12.39	-12.51	-12.62	-12.72
80	-6.05	-5.13	-4.79	-4.38	-4.01	-3.78	-3.51	-3.23	-3.43	-3.76	-4.12	-4.47	-4.81	-5.14	-5.46	-5.77	-6.07	-6.36	-6.64	-6.91	-7.17	-7.42	-7.66	-7.89	-8.11	-8.32	-8.53	-8.73	-8.92	-9.1	-9.27	-9.44	-9.6	-9.75	-9.89	-10.02	-10.14
90	-10.34	-9.42	-9.08	-8.67	-8.26	-8.03	-7.76	-7.48	-7.68	-8.01	-8.34	-8.67	-9.0	-9.32	-9.64	-9.95	-10.25	-10.54	-10.82	-11.09	-11.35	-11.6	-11.84	-12.07	-12.29	-12.5	-12.7	-12.91	-13.12	-13.31	-13.49	-13.66	-13.82	-13.97	-14.11	-14.24	-14.36
100	-8.5	-7.59	-7.25	-6.84	-6.43	-6.2	-5.93	-5.65	-5.85	-6.18	-6.51	-6.84	-7.17	-7.49	-7.8	-8.1	-8.39	-8.67	-8.94	-9.2	-9.45	-9.69	-9.92	-10.14	-10.35	-10.55	-10.74	-10.92	-11.09	-11.25	-11.4	-11.54	-11.67	-11.79	-11.9	-12.0	-12.09
110	-10.11	-9.19	-8.85	-8.44	-8.03	-7.8	-7.53	-7.25	-7.45	-7.78	-8.11	-8.44	-8.77	-9.09	-9.41	-9.72	-10.02	-10.31	-10.59	-10.86	-11.12	-11.37	-11.61	-11.84	-12.06	-12.27	-12.47	-12.66	-12.83	-12.99	-13.14	-13.28	-13.41	-13.53	-13.64	-13.74	
120	-13.12	-12.2	-11.86	-11.45	-11.04	-10.81	-10.54	-10.26	-10.46	-10.79	-11.12	-11.45	-11.77	-12.09	-12.4	-12.69	-12.97	-13.24	-13.5	-13.75	-14.0	-14.24	-14.47	-14.69	-14.9	-15.09	-15.27	-15.44	-15.6	-15.75	-15.89	-16.02	-16.14	-16.25	-16.35	-16.44	-16.52
130	-14.32	-13.4	-13.06	-12.																																	

Theta (H) Theta (deg.) \ Phi (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	
0	-13.14	-11.18	-8.41	-6.18	-4.48	-3.13	-2.22	-1.48	-1.03	-0.77	-0.57	-0.42	-0.31	-0.23	-0.17	-0.12	-0.09	-0.07	-0.05	-0.04	-0.03	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	-13.88	-12.15	-10.82	-12.97	-9.6	-7.33	-5.66	-4.28	-3.13	-2.18	-1.71	-1.65	-2.25	-3.47	-5.08	-7.27	-9.49	-10.55	-8.49	-5.88	-3.69	-2	-0.88	-0.01	0.45	0.47	0.06	-0.46	-0.99	-1.67	-2.46	-3.13	-4.04	-5.05	-6.66	-9.52	-13.87	
20	-20.09	-27.83	-46.68	-12.64	-10.51	-9.16	-8.23	-7.68	-7.42	-7.33	-7.4	-7.51	-7.71	-8.08	-8.61	-9.28	-10.09	-10.81	-11.3	-10.81	-10.17	-9.37	-8.4	-7.28	-6.04	-4.71	-3.28	-1.77	-0.2	-1.89	-2.71	-4.53	-7.28	-11.54	-19.25			
30	-17.42	-12.06	-10.44	-11.54	-13.52	-10.35	-8.52	-8.68	-7.72	-6.74	-5.62	-4.44	-4.07	-3.45	-2.57	-1.84	-1.27	-0.84	-0.51	-0.27	-0.14	0.11	0.15	0.19	0.46	-0.59	-1.21	-1.16	-1.06	-1.66	-2.5	-4.83	-12.53	-26.38	-17.82			
40	-11.1	-23.52	-11.1	-6.17	-4.93	-4.09	-4.01	-4.13	-4.69	-5.34	-6.19	-7.14	-8.25	-9.59	-11.24	-13.26	-15.65	-18.41	-21.54	-25.04	-28.91	-33.13	-37.71	-42.64	-47.81	-53.21	-58.84	-64.61	-70.51	-76.54	-82.71	-89.04	-95.51	-102.04	-108.71	-115.51		
50	-6.76	-13.76	-10.94	-8.45	-5.35	-3.58	-2.87	-3.13	-3.56	-4.13	-4.84	-5.67	-6.61	-7.65	-8.79	-10.02	-11.34	-12.74	-14.21	-15.74	-17.33	-18.97	-20.66	-22.39	-24.16	-25.97	-27.81	-29.67	-31.54	-33.42	-35.31	-37.21	-39.11	-41.01	-42.91	-44.81	-46.71	
60	-5.51	-10.98	-12.68	-13.98	-11.25	-11.55	-11.83	-12.28	-12.52	-13.29	-14.66	-15.58	-17.03	-18.13	-19.81	-21.14	-23.12	-24.61	-26.61	-28.11	-30.11	-31.61	-33.61	-35.11	-37.11	-38.61	-40.61	-42.11	-44.11	-45.61	-47.61	-49.11	-51.11	-52.61	-54.61	-56.11	-58.11	
70	-6.88	-18.12	-14.98	-9.99	-12.31	-14.55	-9.13	-5.76	-9.04	-8.64	-15.63	-9.76	-1.77	0.6	-1.69	-3.89	-12.05	-7.08	-0.87	1.6	2.6	2.78	2.13	0.96	0.51	-0.74	-1.87	-4.6	-4.66	-2.77	-1.05	-1.89	-2.62	-1.77	-1.1	-1.08	-6.76	
80	-8.04	-22.58	-10.53	-4.87	-2.61	-4.77	-6.72	-8.68	-13.39	-8.13	-4.12	-4.62	0.97	0.53	-4.43	-16.79	-6.5	0	3.47	3.33	2.92	0	-3.89	-1.79	-2.64	-1.29	-2.54	-3.01	-3.16	-3.64	-6.27	-5.97	-2.6	-1.38	-1.09	-7.79		
90	-7.23	-19.44	-5.31	-0.14	0.11	-5.53	-5.03	-1.56	-1.89	-16.48	-4.1	-4.72	-9.62	2.2	2.08	1.43	-5.1	-15.93	-3.18	0.31	1.79	1.71	-1.13	-5.73	-3.1	-5.07	-3.71	-2.25	-1.87	-4.86	-8.26	-10.68	-10.29	-2.85	-0.68	-2.72	-7.2	
100	-5.72	-9.62	-8.86	-1.28	-1.1	-8.05	-6.81	-4.66	-1.28	-17.84	-10.71	-5.71	-7.66	0.96	2.55	0.98	-4.17	-14.8	-8.18	-3.77	-1.14	2.93	-5.15	-3.01	-3.78	-2.79	-10.41	-7.07	-3.6	-2.95	-12.08	-14.51	-17.54	-6.57	-3.97	-4.16	-5.25	
110	-4.97	-4.94	-3.63	-1.14	-0.09	-3.95	-6.14	-3.83	-6.08	-12.44	-6.42	-1.02	-1.82	-1.46	0.34	-2.41	-10.51	-10.44	-4.63	-2.25	-2.34	-6.77	-10	-4.1	-3	-4.49	-8.81	-13.88	-4.34	-7.39	-16.3	-18.04	-14.52	-8.64	-6.57	-6.68	-5.51	
120	-5.07	-5.73	-3.74	-0.74	-0.55	-3.16	-7.07	-9.08	-6.17	-2.39	-4.26	-3.14	-1.51	0.64	0.44	-2.93	-4.48	-2.15	-0.57	-0.06	-1.19	-4.59	-13.65	-11.98	-4.99	-4.8	-8.97	-14.33	-12.08	-9.89	-13.67	-17.74	-23.98	-14.64	-8.3	-6.08	-5.19	
130	-6.87	-10.27	-8.8	-4.19	-2.51	-1.65	-11.03	-5.37	-1.55	0.88	-5.23	-13.41	-5.8	1.64	2.44	-1.86	-4.67	-4.13	0.56	0.65	0.64	-2.35	-1.4	-18.21	-12.73	-15.13	-20.4	-13.28	-14.44	-7.35	-11.56	-13.65	-8.83	-7	-6.01	-5.59	-6.64	
140	-10.51	-15.58	-7.7	-2.71	-4.35	-13.27	-8.18	-3.51	-0.03	-1.81	-2.5	-5.56	-6.97	-3.53	-1.91	-4.41	-4.81	-3.63	-3.39	-5.01	-9.95	-13.29	-7.48	-6.03	-2.59	-11.37	-14.09	-10.08	-17.09	-21.18	-12.2	-9.44	-8.17	-6.96	-7.26	-10.27		
150	-21.25	-20.27	-13.92	-13.4	-19.28	-12.29	-9.25	-6.52	-3.9	-4.41	-1.66	-0.26	-0.75	-2.37	-4.14	-6.03	-7.99	-9.29	-10.17	-11.84	-14.67	-18.05	-18.69	-15.56	-12.37	-11.53	-16.87	-20.85	-11.59	-11.96	-11.09	-8.7	-7.23	-7.83	-9.19	-12.09	-20.02	
160	-16.22	-20.3	-20.37	-24.24	-19.95	-14.26	-7.77	-4.5	-3.89	-3.43	-3.19	-2.03	-1.78	-2.19	-4.13	-6.56	-6.76	-8.03	-10.81	-15.76	-27.3	-23.29	-15.92	-13.05	-10.57	-11.91	-15.66	-17.03	-17.97	-17.08	-14.5	-12.13	-11.52	-11.82	-13.42	-16.29		
170	-22.65	-26.1	-30.09	-29.4	-27.5	-18.64	-10.54	-8	-7.04	-7.14	-7.72	-8.29	-8.15	-6.04	-8.37	-9.65	-10.97	-12.78	-16.28	-18.24	-15.9	-11.4	-12.68	-11.74	-10.31	-9.62	-10.37	-12.57	-14.55	-15.11	-15.71	-16.29	-17.44	-20.09	-23.13	-22.37		
180	-17.18	-24.82	-34.24	-23.96	-16.53	-13.21	-10.58	-8.84	-7.83	-7.39	-7.71	-8.13	-8.67	-9.28	-9.79	-10.28	-11.15	-12.69	-15.05	-16.98	-14.91	-12.21	-9.93	-8.01	-6.52	-6.08	-6.73	-7.51	-9.4	-10.64	-11.52	-11.53	-11.79	-12.27	-13.64	-14.73	-17.1	

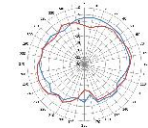


Phi (V) Theta (deg.) \ Phi (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360			
0	-11.75	-11.78	-1.95	-2.44	-3.49	-4.74	-6.54	-9.09	-11.63	-12.16	-9.94	-7.28	-5.27	-3.82	-2.88	-1.89	-1.24	-1.09	-1.05	-1.12	-1.28	-1.75	-2.57	-3.87	-4.83	-6.51	-9.38	-12.63	-12.91	-10.53	-8.18	-6.14	-4.24	-2.46	-1.09	-2.65	-1.9	-2.21		
10	-4.66	-4.39	-4.23	-4.14	-4.25	-4.5	-4.95	-5.98	-8.36	-13.65	-8.43	-12.68	-7.11	-4.05	-2.14	-1.07	-0.5	-0.04	0.11	-0.08	-0.42	-1.27	-2.75	-4.14	-5.18	-6.02	-6.22	-6.37	-6.13	-6.54	-6.68	-6.33	-6.77	-6.38	-5.58	-4.13	-5.03			
20	-6.12	-7.14	-8.61	-9.62	-9.69	-8.34	-6.2	-4.3	-4.71	-6.53	-11.68	-23.89	-11.28	-7.07	-4.84	-3.37	-2.22	-0.99	-0.01	0.54	0.53	-0.05	-0.99	-2.07	-3.44	-4.07	-3.75	-3.78	-4.38	-7.62	-12.07	-13.03	-9.83	-7.64	-5.95	-3.69	-5.82			
30	-6.28	-9.79	-15.76	-19.91	-12.44	-8.42	-5.31	-3.56	-3.24	-4.68	-7.37	-11.71	-14.55	-10.01	-6.43	-3.32	-0.89	0	1.4	1.7	1.66	1.32	0.43	-1.45	-3.53	-3.68	-3.22	-4.17	-6.68	-10.37	-11.14	-7.37	-4.29	-3.18	-3.38	-4.21	-4.21			
40	-3.4	-5.81	-10.3	-18.3	-14.95	-9.78	-6.61	-3.72	-2.55	-3.18	-5.73	-11.62	-18.07	-16.58	-12.44	-8.53	-5.53	-3.07	0	0.45	0.45	0	1.2	2.04	-1.12	-2.64	-4.17	-5.77	-7.07	-8.94	-10.38	-11.13	-12.55	-8.03	-2.93	-2.97	-5.08	-5.89	-4.89	-4.20
50	-1.38	-2	-3.96	-7.77	-11.85	-22.53	-10.24	-4.86	-4.92	-6.91	-10.08	-12.52	-14.21	-12.26	-10.4	-8.21	-6.26	-3.99	-1.01	-2.3	-2.13	-2.42	-2.94	-3.54	-4.31	-4.94	-4.55	-4.77	-4.52	-4.95	-6.39	-6.48	-10.45	-7.04	-3.11	-1.64	-1.13			
60	-1.34	-3.46	-5.39	-6.01	-7.56	-13.69	-17.11	-8.83	-4.7	-4.83	-9.94	-10.48	-3.34	-0.59	-1.77	-6.31	-5.4	-3.03	-1.71	-0.89	-0.75	-1.33	-1.84	-2.38	-2.73	-3.48	-4.65	-4.38	-4.73	-4.48	-6.73	-11.36	-17.99	-8.64	-2.64	0.38	0.31	-1.14		
70	-4.89	-9.81	-11.19	-6.66	-5.94	-10.95	-16.38	-8.99	-4.59	-2.85	-4.64	-10.91	-7.72	-4.08	-2.01	-2.67	-2.54	-2.51	-2.09	-1.74	-1.97	-2.22	-2.04	-3.13	-3.79	-4.54	-4.98	-4.91	-7.21	-11.4	-4.26	-7.37	-9.89	-5.97	-2.59	-1.15	-2.09	-4.93		
80	-4.39	-7.83	-11.08	-12.85	-11.51	-11.61	-14.38	-14.55	-5.3	-3.84	-5.71	-9.99	-9.93	-4.41	-0.54	-0.41	-2.39	-6.33	-6.5	-5.96	-5.68	-3.97	-3.34	-4.63	-6.03	-6.08	-7.29	-7.25	-7.29	-8.89	-4.06	-5.76	-9.24	-5.36	-3.11	-2.1	-2.68	-4.43		
90	-7.85	-8.58	-10.55	-10.47	-11.82	-10.04	-9.15	-5.51	-3.37	-3.11	-10.51	-15.52	-5.78	-2.01	-0.39	-1.18	-1.13	-5.04	-4.02	-3	-2.49	-3.22	-2.76	-4.52	-7.69	-10.44	-10.71	-10.27	-13.1	-7.7	-8.42	-10.79	-5.83	-4.94	-6.77	-8.02	-8.02	-8.02		
100	-9.75	-10.68	-10.07	-7.53	-11.41	-14.69	-9.37	-7.05	-5.49	-6.37	-7.92	-10.87	-8.65	-5.03	-1.85	-0.27	0.01	-0.89	-0.36	-1.17	-2.44	-3.3	-3.35	-3.57	-3.83	-5.43	-14.53	-6.33	-7.77	-18.07	-15.71	-9.12	-7.03	-9.89	-14.65	-10.77	-9.79			
110	-6.39	-6.26	-6.59	-9.25	-10.11	-13.99	-10.59	-12.77	-8.49	-10.67	-9.71	-9.52	-7.59	-7.94	-6.23	-4.16	1.54	1.69	0.38	-1.63	-3.71	-4.37	-4.28	-3.97	-3.88	-3.14	-2.02	-4.88	-6.44	-7	-6.76	-6.58	-7.34	-9.31	-11.24	-9.49	-6.69			
120	-6.72	-6.14	-6.95	-9.99	-14.82	-16.01	-14.47	-10.61	-9.39	-10.64	-10.39	-11.71	-9.72	-7.61	-6.3	-3.69	0	1.03	0.01	-1.85	-3.41	-3.86	-4.85	-7.21	-5.56	-6.29	-29.14	-6.07	-3.82	-3.65	-3.91	-3.81	-11.36	-8.34	-5.61	-6.83	-6.37			
130	-10.4	-2.41	-2.52	-4.54	-9.09	-13.24	-13.53	-16.19	-9.12	-5.51	-13.21	-11.08	-10.6	-13.86	-23.52	-9.07	-4.1	-2.52	-2.49	-3.89	-4.56	-4.45	-4.77	-7.37	-9.98	-7.74	-9.03	-14.4												



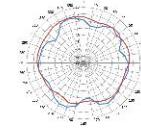


Theta ( H )																																						
Theta (deg.)	Phi (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360
0	-4.77	-4.04	-3.75	-3.4	-2.71	-2.51	-2.30	-2.04	-1.28	-3.7	-4.6	-5.50	-6.51	-6.88	-6.72	-6.01	-5.03	-3.99	-2.87	-2.51	-2.28	-2.14	-2.13	-2.45	-2.90	-3.64	-4.71	-5.72	-6.6	-7.28	-7.66	-7.34	-6.70	-6.05	-5.13	-4.20		
10	-6.88	-6.83	-6.44	-5.8	-5.3	-5.24	-4.88	-4.43	-3.94	-3.73	-3.67	-3.93	-4.35	-4.42	-3.79	-2.72	-1.66	-0.70	-0.22	-0.21	0.52	1.29	-2.37	-3.48	-4.21	-4.6	-5.01	-5.86	-7.28	-9.28	-11.22	-11.89	-11.18	-9.52	-8.03	-6.71	-7.09	
20	-9.44	-10.67	-12.67	-14.67	-17.27	-16.85	-13.38	-10.09	-6.93	-4.89	-3.99	-3.98	-4.58	-5.68	-6.13	0.56	1.81	2.72	3.14	2.83	1.68	0.2	-3.05	-6.98	-10.87	-11.24	-10.86	-10.92	-12.2	-16.08	-20	-20.78	-17.72	-12.83	-10.17	-9.01	-9.48	
30	-8.79	-9.01	-11.81	-16.7	-23.1	-26.65	-23.17	-16.11	-12.70	-9.74	-7.12	-6.79	-6.38	-6.78	-8.08	-1.28	-0.28	1.46	1.93	2.33	2.44	1.99	0.23	-3.08	-8.78	-17.71	-19.32	-17.09	-17.11	-22.72	-31.04	-37.71	-41.11	-52.3	-54	-60.4		
40	-9.67	-10.73	-12.49	-16.44	-17.52	-14.84	-15.68	-15.10	-15.84	-25.11	-15.31	-17.46	-9.57	-4.8	-3.55	-3.01	-2.11	-1.11	-0.73	0.35	0.34	0.1	-0.15	-0.84	-2.93	-8.67	-19.3	-23.38	-27.07	-22.39	-25.28	-13.44	-7.58	-6.84	-7.71	-8.39	-9.69	
50	-12.83	-12.21	-11.57	-16.09	-13.43	-7.48	-11.44	-14.12	-16.29	-13.21	-11.42	-19.22	-18.43	-16.95	-13.22	-8.18	-4.11	-1.84	-0.78	-0.38	-0.39	-1.7	-2.55	-2.42	-2.8	-7.35	-22.3	-17.54	-15.84	-17.65	-20.95	-11.42	-6.67	-6.51	-8.23	-10.41	-12.83	
60	-10.27	-10.47	-11.73	-13.2	-10.14	-5.44	10	-19.9	-17.95	-12.51	-13.11	-14.25	-15.08	-28.88	-10.18	-5.14	-2.4	-1.35	-1.48	-1.7	-1.76	-2.49	-4.01	-4.82	-5.59	-9.72	-21.1	-13.39	-17.91	-16.36	-12.85	-14.17	-8.81	-8.97	-16.07	-14.07	-10.18	
70	-5.68	-6.53	-10.18	-13.21	-9.04	-7.67	-14.73	-15.47	-14.73	-16.93	-13.93	-14.38	-13.48	-11.55	-10.72	-11.52	-12.65	-10.93	-6.04	-1.31	-3.24	-3.58	-2.78	-6.8	-14.18	-14.64	-15.52	-7.7	-10.09	-14.97	-13.8	-12.52	-10.64	-18.4	-15.61	-7.75	-5.4	
80	-3.31	-6.82	-17.27	-39.88	-13.94	-10.71	-5.93	-7.62	-12.64	-6.24	-11.44	-21.34	-11.66	-11.91	-15.68	-11.59	-9.04	-0.72	-2.39	-6.2	-8.93	-4.35	-4.67	-15.39	-14.91	-7.17	-7.77	-8.22	-14.24	-7.33	-8.47	-12.44	-5.22	-3.34	-2.94	-3.4		
90	0.4	-3.68	-8.25	-18.95	-10.95	-5.31	-1.22	-0.35	-2.28	-0.88	-5.59	-18.66	-10.71	-9.35	-9.64	-10.43	-9.97	-12.05	-17.89	-18.19	-10.85	-4.3	-2.74	-1.45	-1.64	-3.49	-4.19	-5.71	-5.19	-4.84	-8.84	-11.4	-1.2	1.5	1.04	0.76		
100	1.26	-2.12	-8.87	-13.59	-13.76	-1.95	-1.84	-17.61	-6.07	-3.26	-6.58	-19.69	-17.62	-9.29	-3.59	-5.11	-12.51	-14.73	-17.92	-17.37	-12.39	-8.47	-3.29	-4.02	-3.81	-6.99	-17.51	-22.7	-6.99	-6.95	-2.13	-1.44	-6.3	-12.49	-2	2.17	2.75	1.40
110	-0.1	-3.53	-10.06	-18.3	-8.81	-1.82	-5.24	-4.66	-7.95	-7.88	-2.28	-13.74	-11.94	-17.75	-7.88	-4.14	-11.14	-14.1	-15.57	-12.3	-4.04	-1.3	-1.52	-5.08	-6.99	-15.61	-23.2	-6.66	-9.02	-4.96	-3.84	-7.52	-9.42	-2.74	0.28	0.89	0.11	
120	0.14	-2.33	-5.55	-13.08	-15.42	-5.93	-0.61	-2.1	-17.77	-17.08	-4.23	-7.97	-16.42	-14.13	-16.09	-10.4	-8.86	-12.5	-18.19	-11.14	-6.32	-4.25	-5.73	-6.8	-6.34	-15.25	-46.3	-5.5	-10.98	-5.28	-6.14	-6.46	-3.49	0.22	1.58	1.49	0.32	
130	0.98	-0.71	-2.8	-5.96	-9.26	-3.1	-1.18	-6.08	-6.28	-13.92	-6.55	-5.24	-5.7	-6.78	-10.38	-12.97	-11.99	-10.31	-9.02	-8.18	-7.13	-6.67	-9.06	-17.7	-11.6	-4.99	-4.53	-8.14	-3.28	-6.7	-3.87	-5.42	-3.39	-0.01	1.58	1.79	0.79	
140	-0.44	-1.29	-2.48	-3.4	-12.92	-18.97	-25.73	-11.6	-7.18	-8.58	-10.53	-5.26	-2.68	-3.66	-7.02	-10.74	-13.67	-16.42	-20.41	-19.52	-12.95	-8.96	-7.77	-7.27	-5.33	-7.34	-9.07	-22.82	-6.95	-2.06	-1.96	-3.34	-3.31	-2.26	-0.8	-0.08	-0.54	
150	-5.58	-6.72	-8.29	-9.24	-10.4	-12.03	-11.89	-11.04	-10.84	-16.84	-20.09	-13.54	-7.27	-5.26	-7.03	-11.21	-15.27	-18.32	-16.79	-11.16	-7.98	-6.24	-5.71	-6.63	-10.1	-8.47	-10	-8.83	-7.96	-7.71	-7.14	-6.47	-4.78	-4.18	-4.67	-5.55		
160	-11.1	-13.98	-13.61	-6.31	-10.75	-17.25	-21.84	-22.28	-29.47	-21.21	-15.43	-12.29	-9.63	-8.15	-8.48	-10.78	-11.19	-8.25	-6.99	-8.57	-11.63	-14.52	-12.59	-11.28	-11.3	-10.54	-9.96	-10.07	-10.22	-10.25	-6.16	-4.18	-2.73	-1.91	-1.25			
170	-7.35	-6.99	-7.39	-8.38	-9.83	-11.38	-12.64	-14.01	-16.35	-13	-17.21	-16.69	-17.47	-20.65	-25.79	-19.09	-14.15	-11.15	-10.4	-10.01	-12	-16.58	-20.55	-20.32	-16.8	-16.42	-18.99	-27.14	-24.3	-19.15	-15.88	-13.09	-10.72	-8.52	-7.18	-7.12	-7.59	
180	-13.9	-11.95	-10.84	-10.53	-10.48	-10.41	-11.43	-12.47	-12.69	-12.19	-12.78	-12.67	-13.22	-15.12	-17.67	-19.07	-20.47	-22.52	-22.07	-22.5	-27.09	-25.68	-22.84	-21.44	-22	-22.74	-21.42	-21.04	-21.07	-23.02	-23.82	-25.33	-31.1	-28.27	-20.77	-16.51	-13.92	



Phi ( V )																																						
Phi (deg.)	Theta (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360
0	-5.17	-5.51	-7.96	-7.99	-8.73	-8.4	-7.83	-6.81	-5.54	-4.36	-3.57	-2.97	-2.25	-2.36	-2.14	-2.28	-2.77	-3.23	-4.44	-5.3	-6.16	-6.99	-7.69	-7.45	-6.55	-5.3	-4.1	-3.09	-2.36	-2.34	-2.3	-2.7	-2.98	-3.31	-3.69	-4.35		
10	-9.38	-11.01	-12.78	-13.4	-13.02	-12.41	-11.69	-10.71	-9.56	-8.35	-6.99	-5.88	-5	-4.56	-4.44	-4.7	-5.89	-7.82	-10.52	-12.89	-10.45	-8	-6.44	-5.65	-5.14	-4.89	-4.53	-3.8	-3.1	-2.72	-2.62	-2.83	-3.47	-4.57	-5.93	-7.59	-9.81	
20	-15.2	-17.02	-18.79	-20.99	-23.66	-25.62	-23.24	-19.09	-16.32	-14.58	-12.69	-9.88	-7.4	-5.14	-3.24	-2.1	-2.06	-3.65	-7.13	-15.56	-17.67	-8.27	-4.96	-3.67	-3.46	-3.85	-4.1	-4.86	-4.4	-4.41	-5.12	-5.86	-7.14	-8.68	-10.83	-13.21	-15.23	
30	-15.57	-20.6	-24.93	-41.83	-21.08	-15.86	-13.83	-16.38	-21.2	-15.06	-14.85	-15.68	-9.79	-3.85	-0.68	-0.3	-1.65	-4.2	-8.52	-14.61	-13.83	-7.51	-3.53	-1.51	-0.88	-1.31	-2.22	-2.79	-3.79	-5.71	-6.76	-5.95	-4	-6.57	-8.24	-10.9	-15.18	
40	-14.22	-12.17	-11.73	-12.09	-14.08	-16.98	-12.33	-7.96	-3.96	-11.88	-16.69	-12.74	-8.25	-6.21	-7.08	-10.31	-15.21	-25.03	-18.21	-10	-6.77	-4.56	-3.52	-1.98	-0.41	-0.28	-1.86	-3.32	-6.87	-6.68	-5.84	-5.24	-4.74	-5.17	-6.84	-9	-12.05	
50	-4.02	-5.03	-6.63	-9.26	-11.52	-16.89	-13.22	-5.54	-5.76	-10.38	-6.06	-4.93	-5.84	-8.12	-15.18	-7.08	-4.76	-6.13	-10.62	-23.52	-12.28	-6.03	-3.38	-2.98	-3.21	-2.73	-2.58	-3.8	-5.96	-4.67	-4.68	-2.5	-2.89	-3.31	-3.68	-3.53	-3.88	
60	-2.31	-3.83	-5.87	-8.49	-10.88	-11.9	-10.01	-4.77	-8.48	-10.66	-3.84	-3.99	-9.3	-12.48	-5.93	-4.41	-5.7	-8.39	-11.62	-14.91	-21.5	-15.13	-6.88	-3.31	-3.14	-4.17	-2.75	-4.4	-9.19	-4.86	-2.47	-1.34	-1.04	-1.12	-1.48	-2.13		
70	-2.81	-5.45	-7.71	-11.39	-14.47	-22.91	-8.87	-5.29	-27.97	-5.18	-3.05	-6.34	-9.85	-8.09	-5.19	-9.64	-11.96	-10.41	-12.41	-10.89	-11.95	-21.48	-11.48	-3.84	-1.32	-1.34	-0.63	-0.27	-2.67	-3.46	-0.2	1.15	1.07	0.72	0.53	-0.49	-2.06	
80	-3.14	-5.88	-10.22	-17.04	-20.54	-31.2	-8.59	-7.92	-49.95	-2.8	-2.98	-11.09	-5.27	-9.25	-12.04	-9.61	-6.35	-8.69	-9.34	-6.89	-7.99	-14.82	-11.02	-3.34	-0.36	1.19	0.99	0.89	1.13	0.95	1.21	2.47	1.47	0.62	0.09	-1.23	-3.4	
90	-3.43	-6.28	-9.24	-16.99	-21.6	-39.29	-10.73	-17.88	-16.96	-9.93	-9.88	-2.21	-1.98	-2.87	-5.2	-2.43	-1.18	-6.54	-8.4	-6.63	-7.54	-20.4	-8.41	-2.21	1.13	1	1.2	3.29	3.15	3.08	2.52	1.22	0.07	-0.99	1.92	-2.74		
100	-9.96	-8.67	-7.33	-7.46	-9.93	-14.09	-15.74	-19.47	-13.51	-13.73	-8.15	-5.3	-2.41	-3.74	-4.57	-4.81	-8.15	-11.48	-8.81	-8.04	-11.31	-7.99	-4.04	-2	1.28	3.34	3.49	0	2.57	3.05	1.81	1.29	0.33	-2.38	-6.83	-9.72		
110	-16.31	-12.7	-10.56	-12.08	-11.67	-9.56	-9.61	-13.5	-9.8	-12.92	-4.69	-2.52	-7.26	-4	-7.03	-22.24	-10.29	-10.91	-14.4	-14.06	-13.05	-11.37	-8.83	-8.15	-7.37	-6.08	3.03	2.47	1.16	3.17	3.57	3.26	2.05	1.49	0.45	-5.21	-15.22	
120	-13.52	-10.23	-18.38	-21.06	-15.38	-10.69	-9.03	-11.52	-19.13	-8.55	-6.24	-7.92	-12.65	-13.55	-8.98	-6.1	-12.29	-13.99	-14.05	-15.48	-16.47	-12.07	-8.01	-5.92	-1.86	2.1	3.32	2.49	0.21	1.79	0.69	0.61	-0.88	-1.91	-5.85	-12.94		
130	-11.47	-23.13	-28.45	-19.28	-19.76	-17.56	-12.85	-9.02	-7.12	-8.88	-28.24	-8.52	-5.11	-4.76	-11.82	-14.1	-7.13	-7.23	-10.69	-14.62	-17.24	-22.45	-12.47	-5.52	-3.21	0.69	3.62	3.92	3.5									

Theta ( H )																																						
Theta (deg.)	Phi (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360
0	-14.5	-19.38	-17.51	-12.26	-8.62	-6.1	-4.3	-2.94	-2.12	-1.47	-1.16	-1.13	-1.58	-2.05	-2.88	-4.08	-5.67	-8.20	-11.41	-15.03	-13.91	-10.25	-7.5	-5.25	-3.79	-2.39	-1.93	-1.75	-1.55	-1.88	-2.16	-2.78	-3.68	-5.23	-7.19	-9.97	-13.82	
10	-12.38	-12.65	-9.81	-6.35	-3.53	-1.67	-0.28	0.54	0.83	0.93	0.79	0.29	0.23	0.86	-1.3	-3.08	-4.68	-6.65	-8.71	-11.13	-13.47	-13.32	-10.92	-8.52	-6.41	-4.69	-3.35	-2.64	-2.43	-2.56	-3.18	-4.4	-6.29	-8.17	-11.16	-13.22		
20	-8.13	-8.71	-7.66	-5.69	-3.26	-1.34	0.23	1.15	1.94	2.36	1.79	0.69	0.01	0.84	-2.22	-3.72	-5.73	-7.8	-10.45	-14.02	-16.75	-20.29	-16.92	-13.33	-11.28	-9.44	-8.07	-6.48	-5.2	-4.77	-5.24	-6.69	-8.14	-10.88	-14.09	-17.8	-23.81	
30	-4.05	-5.85	-7.27	-6.41	-3.64	-1.31	0.59	2.11	3.07	3.15	2.8	1.44	1.11	0.4	-1.63	-4.01	-6.07	-7.53	-9.07	-11.24	-14.64	-19.09	-14.31	-9.85	-6.13	-7.09	-8.11	-7.76	-7.25	-7.85	-10.83	-17.24	-23.63	-31.09	-41.51	-54.6	-70.8	
40	-7.28	-8.77	-8.24	-5.4	-2.2	0.34	1.88	2.19	2.89	3.33	3.19	2.83	1.99	0.35	-1.98	-4.11	-5.79	-7.61	-9.85	-12.34	-17.45	-28.79	-21.48	-14.52	-10.08	-7.4	-7.14	-7.09	-6.94	-14.39	-25.98	-39.78	-58.53	-84.54	-115.55	-154.71	-202.8	
50	-7.63	-9.31	-10.34	-6.87	-3.11	0.29	0.77	2.17	2.9	3.03	3.08	2.92	2.54	1.21	-0.41	-2.13	-3.18	-4.17	-5.13	-6.13	-7.16	-8.21	-9.26	-10.25	-11.2	-10.69	-8.33	-7.11	-6.24	-6.64	-11.2	-19.71	-31.41	-50.2	-76.23	-109.8		
60	-8.64	-10.93	-11.43	-5.94	-2.7	0.35	0.34	0.81	1.56	1.45	0.98	1.24	1.51	0.01	-1.95	-2.52	-4.49	-6.13	-8.64	-9.66	-10.7	-12.6	-11.05	-9.63	-9.42	-8.31	-6.07	-4.78	-4.74	-5.42	-7.18	-11.83	-17.52	-27.06	-43.1	-72.32	-107.3	
70	-5.39	-9.83	-12.61	-3.85	-0.71	-0.12	-0.83	0.08	0.66	0.35	0.33	-0.4	-1.24	-1.83	-1.64	-2.84	-4.66	-5.99	-7.59	-8.77	-9.84	-9.46	-7.54	-7.73	-7.09	-12.11	-8.21	-4.83	-6.69	-6.15	-7.05	-12.64	-17.76	-28.49	-44.1	-66.1	-95.9	
80	-6.1	-9.81	-17.48	-6.85	-2.58	-0.81	-2.89	-3.31	-1.37	-1.39	-1.53	-2.48	-4.79	-9.83	-10.67	-4.32	-4.01	-11.41	-13.37	-8.86	-5.71	-8.3	-15.39	-14.82	-10.67	-11.4	-8.14	-5.32	-9.97	-8.89	-10.08	-20.73	-31.81	-46.7	-55.8	-56.1	-62.9	
90	-5.63	-7.25	-8.77	-4.07	0.00	-1.18	-5.01	-7.00	-4.16	-7.19	-11.08	-5.01	-4.61	-8.4	-17.19	-21.03	-11.97	-7.34	-13.14	-18	-7.99	-4.94	-5.68	-10.97	-12.94	-9.71	-9.63	-6.29	-17.89	-13.94	-9.69	-12.03	-5.97	-3.92	-4.84	-5.78	-6.29	
100	-4.88	-5.78	-5.17	-1.4	0.65	-0.88	-6.52	-7.28	-5.51	-13.18	-9.89	-6.54	-13.89	-6.21	-10.19	-14.53	-15.06	-15.99	-18.6	-10.08	-6.05	-5.16	-7.07	-7.04	-7.58	-12.57	-10.23	-15.07	-12.17	-8.2	-6.95	-6.09	-4.7	-3.19	-3.47	-4.15	-4.89	
110	-4.28	-5.83	-6.67	-4.21	2.1	-1.56	-3.15	-6.06	-6.27	-14.68	-28.5	-22.87	-1.3	-10.79	-10.94	-20.1	-16.03	-12.7	-14.54	-14.66	-12.84	-12.35	-14.66	-13.23	-12.24	-10.59	-7.41	-15.66	-7.39	-3.81	-2.77	-3.34	-3.78	-3.62	-3.1	-3.53	-4.53	
120	-6.63	-10.07	-14.17	-10.4	-5.95	-4.3	-8.88	-8.65	-9.34	-15.72	-32.02	-21.47	-21.89	-35.54	-13.93	-14.48	-17.41	-11.04	-9.19	-9.3	-10.65	-12.13	-13.92	-14.5	-12.19	-9.36	-12.18	-18.1	-10.41	-6.41	-5.17	-3.44	-3.25	-4.45	-5.08	-5.66	-6.25	
130	-6.47	-10.43	-16.76	-15.59	-10.32	-10.36	-28.1	-16.38	-13.81	-35.99	-14.98	-14.98	-14.98	-32.32	-11.24	-10.88	-16.1	-16.51	-11.22	-8.13	-6.41	-7.68	-10.17	-11.31	-9.64	-17.19	-5.71	-2	-3.08	-3.04	-4.4	-4.88	-3.85	-3.13	-3.64	-4.63	-4.9	
140	-4.54	-6.91	-11.84	-20.91	-12.72	-7.65	-6.24	-8.44	-17.13	-17.75	-12.09	-13.76	-17.28	-8.45	-7.78	-11.09	-12.83	-10.02	-7.83	-7.05	-7.62	-10.52	-10.39	-20.38	-14.09	-10.89	-4.87	-4.33	0.65	0	-0.68	-1.07	-1.74	-2.27	-2.44	-2.37	-4.69	
150	-4.83	-5.68	-7.34	-10.94	-14.84	-16.05	-12.94	-7.91	-4.39	-5.88	-6.68	-8.49	-15.68	-28.09	-25.07	-91.69	-19.3	-15.69	-12.05	-11.8	-12.88	-14.01	-20.09	-17.61	-16.83	-2.32	-1.28	-0.48	-0.69	-2.02	-3.86	-4.44	-4.9	-4.73	-4.78	-4.86	-4.1	
160	-8.88	-11.68	-14.01	-15.03	-12.24	-9.28	-6.84	-4.28	-2.52	-1.88	-1.76	-3.17	-6.08	-11.28	-20.02	-25.43	-18.31	-12.97	-18.54	-17.72	-15.82	-13.25	-10.26	-7.73	-5.95	-5.25	-5.69	-8.7	-7.09	-6.19	-4.89	-3.52	-3.65	-4.2	-5.1	-5.23	-9.09	
170	-9.52	-11.44	-13.47	-14.4	-15.34	-14.89	-15.74	-18.07	-19.41	-16.77	-14.11	-13.55	-15.37	-18.66	-21.33	-21.81	-21.35	-19.46	-17.95	-17.52	-16.43	-15.8	-14.49	-12.73	-11.4	-10.03	-8.7	-8.8	-5.76	-4.83	-4.7	-4.3	-4.55	-5.09	-6.3	-7.05	-9.02	
180	-23.5	-15.31	-10.29	-7.52	-5.75	-4.55	-4.3	-4.35	-4.24	-3.69	-3.24	-3.34	-3.92	-4.9	-6.45	-8.47	-10.82	-13.23	-14.72	-14.44	-12.28	-10.05	-8.03	-6.34	-5.13	-4.52	-4.44	-4.57	-4.85	-5.76	-6.64	-8	-10.18	-13.38	-19.12	-24.29		



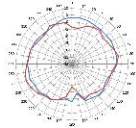
Phi ( V )																																						
Theta (deg.)	Phi (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360
0	-3.17	2.4	2.36	2.3	-3.08	-3.0	-4.71	-6.11	-8.54	-12.18	-18.95	-17.68	-11.3	-8.15	-6.16	-4.88	-3.83	-2.93	-2.34	-1.97	-1.88	-2.11	-2.35	-3.24	-4.76	-6.39	-8.23	-13.66	-18.83	-16.22	-11.08	-8.44	-6.14	-4.78	-3.3	-2.8	-2.41	
10	-0.81	-0.52	-0.28	-0.21	-0.64	-1.68	-3.21	-5.38	-8.18	-10.64	-12.65	-12.09	-9.67	-8.03	-6.8	-5.98	-5.18	-4.61	-4.14	-3.9	-4.21	-4.49	-4.53	-4.74	-5.42	-6.74	-8.9	-12.72	-21.12	-18.33	-11.18	-7.46	-5.08	-3.79	-2.51	-2.03	-1.53	
20	-0.67	-0.42	0.25	0.25	-0.23	-1.28	-2.68	-4.4	-6.3	-7.67	-8.41	-8.49	-8.37	-8.07	-7.01	-5.98	-5.33	-5.13	-5.16	-4.99	-4.74	-4.99	-5.8	-6.17	-6.82	-6.85	-8.09	-10.83	-16.94	-16.89	-9.02	-5.37	-3.49	-2.84	-2.03	-1.39	-0.82	
30	0.26	0.74	0.78	0.31	-0.39	-1.69	-3.67	-6.09	-7.21	-6.64	-5.79	-4.6	-5.27	-5.57	-6.24	-7.3	-8.52	-8.77	-8.22	-7.46	-6.5	-5.62	-5.25	-6.09	-7.84	-9.35	-10.03	-11.1	-14.33	-12.71	-7.4	-4.13	-2.29	-1.51	-1.1	-0.41	-0.18	
40	-0.17	0.04	0.57	0.31	-0.11	-1.28	-3.27	-5.6	-6.3	-5.6	-4.15	-2.89	-2.14	-1.87	-1.04	-1.48	-1.84	-1.99	-1.33	-0.21	-0.3	-0.64	-1.08	-1.22	-1.61	-2.11	-1.68	-14.23	-14.82	-11.3	-7.66	-5.61	-3.34	-2.46	-1.9	-1.09	-0.52	-0.09
50	-0.93	-1.52	-1.51	-1.4	-1.51	-2.64	-5.84	-8.21	-8.52	-4.19	-4.87	-3.1	-10.44	-9.82	-8.04	-6.38	-5.3	-3.8	-2.11	-5.19	-4.09	-3.94	-5.91	-6.75	-6.84	-6.55	-10.26	-12.11	-12.4	-8.99	-7.18	-6.62	-3.24	-2.7	-1.61	-0.53	0.57	-1.4
60	0.06	-0.58	-0.67	-0.4	-0.84	-2.45	-6.08	-9.1	-5.74	-2.48	-4.66	-11.39	-16.3	-12.08	-9.13	-10.08	-7.7	-4.28	-2.4	-2.43	-3.32	-5.55	-8.4	-9.03	-8.61	-12.25	-15.15	-10.33	-6.34	-5.97	-7.31	-6.4	-3.26	-1.27	-0.25	0.39	0.05	
70	3.41	2.75	2.08	1.71	0.87	-1.79	-5.46	-6.98	-4.57	-4.07	-6.07	-14.57	-17.72	-10.28	-9.13	-9.24	-5.75	-2.64	-1.29	-1.66	-3.58	-7.29	-13.01	-9.37	-10.11	-13.72	-14.72	-7.11	-3.11	-4.95	-10.32	-8.5	-2.65	1.03	3	3.67	2.09	
80	4.3	3.08	2.27	1.12	0.41	-0.95	-3.53	-2.51	-1.41	-7.88	-12.74	-20.23	-11.51	-9.66	-9.08	-6.51	-10.04	-7.99	-4.98	-3.9	-5.41	-10.83	-28.48	-11.64	-11.51	-10.04	-7.99	-6.05	-3.72	-4.63	-11.12	-7.43	-1.86	1.28	3.11	3.86	3.02	
90	1.93	0.28	-0.28	-0.41	-0.84	-3.05	-5.72	-2.24	-2.97	-6.54	-7.78	-13.1	-9.61	-7.45	-8.95	-14.83	-18.31	-24.01	-10.49	-6.34	-6.28	-11.2	-12.84	-10.83	-11.05	-12.39	-7.93	-4.4	-4.71	-4.98	-5.9	-2.54	0.76	2.15	2.62	2.36	1.39	
100	-1.71	-3.92	-5.58	-4.97	-3.96	-1.88	-4.66	-5.62	-6.37	-4.95	-4.07	-7.71	-8.35	-8.13	-9.5	-25.28	-12.8	-12.43	-16.4	-12.08	-9.99	-11.62	-15.35	-11.45	-8.53	-9.04	-7.24	-1.97	-0.48	-2.48	-2.39	0.11	2.08	2.4	1.68	0.21	-1.69	
110	-2.48	-4.26	-6.51	-7.54	-6.72	-8.21	-12.17	-17.53	-7.29	-5.61	-6.47	-10.87	-13.02	-13.75	-12.44	-9.72	-8.55	-10.74	-18.72	-17.44	-10.98	-10.47	-15.15	-10.67	-7.21	-7.46	-6.84	-1.83	1.11	0.23	4.09	4.51	0.15	0.62	0.13	-1.07	-2.62	
120	-0.2	-1.02	-2.9	-5.98	-7.38	-10.14	-9.4	-11.12	-10.26	-6.11	-10.22	-13.2	-15.58	-18.56	-12.73	-7.03	-5.73	-8	-13.41	-10.05	-13.21	-13.2	-9.92	-7.28	-7.65	-7.05	-8.13	4	-1.33	-1.58	-2.24	-1.11	-0.53	-0.74	-0.51	-0.4	-0.52	
130	0.99	-0.52	-3.47	-6.3	-7.58	-6.54	-5.15	-10.11	-13.75	-8.28	-8.38	-6.59	-6.54	-4.54	-3.99	-7.09	-5.59	-6.44	-10.84	-9.74	-13.36	-8.84	-7.11	-7.88	-10.1	-12.78	-10.33	-7.89</										

Theta (H)		Phi (deg.) \ Theta (deg.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Theta (deg.)	Phi (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
0	-10.25	-7.83	-6	-4.53	-3.32	-2.51	-2.04	-1.55	-1.30	-1.57	-1.97	-2.47	-3.07	-3.75	-4.52	-5.38	-6.31	-7.31	-8.38	-9.51	-10.71	-11.97	-13.29	-14.68	-16.13	-17.64	-19.21	-20.84	-22.53	-24.27	-26.06	-27.90	-29.79	-31.72	-33.70	-35.72	-37.78	-39.88	-42.01																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
10	-13.27	-13.75	-12.08	-11.42	-9.63	-7.82	-6.09	-4.55	-3.38	-2.51	-2.02	-1.97	-2.62	-3.39	-4.31	-5.37	-6.57	-7.91	-9.39	-10.99	-12.71	-14.54	-16.48	-18.52	-20.66	-22.89	-25.21	-27.62	-30.12	-32.70	-35.37	-38.13	-40.98	-43.91	-46.92	-49.99	-53.13	-56.34	-59.61	-62.94																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
20	-12.2	-11.85	-10.07	-9.84	-8.61	-6.99	-5.48	-4.31	-3.38	-2.51	-2.02	-1.97	-2.62	-3.39	-4.31	-5.37	-6.57	-7.91	-9.39	-10.99	-12.71	-14.54	-16.48	-18.52	-20.66	-22.89	-25.21	-27.62	-30.12	-32.70	-35.37	-38.13	-40.98	-43.91	-46.92	-49.99	-53.13	-56.34	-59.61	-62.94																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
30	-18.11	-15.69	-13.92	-12.64	-10.28	-8.62	-6.99	-5.48	-4.31	-3.38	-2.51	-2.02	-1.97	-2.62	-3.39	-4.31	-5.37	-6.57	-7.91	-9.39	-10.99	-12.71	-14.54	-16.48	-18.52	-20.66	-22.89	-25.21	-27.62	-30.12	-32.70	-35.37	-38.13	-40.98	-43.91	-46.92	-49.99	-53.13	-56.34	-59.61	-62.94																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
40	-10.24	-12.62	-13.66	-8.43	-7.78	-11.26	-12.64	-8.24	-4.93	-5.70	-9.56	-14.31	-19.30	-24.44	-29.73	-35.17	-40.76	-46.54	-52.52	-58.70	-65.08	-71.66	-78.44	-85.42	-92.60	-100.00	-107.60	-115.40	-123.40	-131.60	-140.00	-148.60	-157.40	-166.40	-175.60	-185.00	-194.60	-204.40	-214.40	-224.60	-235.00	-245.60	-256.40	-267.40	-278.60	-290.00	-301.60	-313.40	-325.40	-337.60	-350.00	-362.60	-375.40	-388.60	-402.00	-415.60	-429.40	-443.40	-457.60	-472.00	-486.60	-501.40	-516.40	-531.60	-547.00	-562.60	-578.40	-594.40	-610.60	-627.00	-643.60	-660.40	-677.40	-694.60	-712.00	-729.60	-747.40	-765.40	-783.60	-802.00	-820.60	-839.40	-858.40	-877.60	-897.00	-916.60	-936.40	-956.40	-976.60	-997.00	-1017.60	-1038.40	-1059.40	-1080.60	-1102.00	-1123.60	-1145.40	-1167.60	-1190.00	-1212.60	-1235.40	-1258.40	-1281.60	-1305.00	-1328.60	-1352.40	-1376.40	-1400.60	-1425.00	-1449.60	-1474.40	-1499.40	-1524.60	-1550.00	-1575.60	-1601.40	-1627.40	-1653.60	-1680.00	-1706.60	-1733.40	-1760.40	-1787.60	-1815.00	-1842.60	-1870.40	-1898.40	-1926.60	-1955.00	-1983.60	-2012.40	-2041.40	-2070.60	-2100.00	-2130.00	-2160.00	-2190.00	-2220.00	-2250.00	-2280.00	-2310.00	-2340.00	-2370.00	-2400.00	-2430.00	-2460.00	-2490.00	-2520.00	-2550.00	-2580.00	-2610.00	-2640.00	-2670.00	-2700.00	-2730.00	-2760.00	-2790.00	-2820.00	-2850.00	-2880.00	-2910.00	-2940.00	-2970.00	-3000.00	-3030.00	-3060.00	-3090.00	-3120.00	-3150.00	-3180.00	-3210.00	-3240.00	-3270.00	-3300.00	-3330.00	-3360.00	-3390.00	-3420.00	-3450.00	-3480.00	-3510.00	-3540.00	-3570.00	-3600.00	-3630.00	-3660.00	-3690.00	-3720.00	-3750.00	-3780.00	-3810.00	-3840.00	-3870.00	-3900.00	-3930.00	-3960.00	-3990.00	-4020.00	-4050.00	-4080.00	-4110.00	-4140.00	-4170.00	-4200.00	-4230.00	-4260.00	-4290.00	-4320.00	-4350.00	-4380.00	-4410.00	-4440.00	-4470.00	-4500.00	-4530.00	-4560.00	-4590.00	-4620.00	-4650.00	-4680.00	-4710.00	-4740.00	-4770.00	-4800.00	-4830.00	-4860.00	-4890.00	-4920.00	-4950.00	-4980.00	-5010.00	-5040.00	-5070.00	-5100.00	-5130.00	-5160.00	-5190.00	-5220.00	-5250.00	-5280.00	-5310.00	-5340.00	-5370.00	-5400.00	-5430.00	-5460.00	-5490.00	-5520.00	-5550.00	-5580.00	-5610.00	-5640.00	-5670.00	-5700.00	-5730.00	-5760.00	-5790.00	-5820.00	-5850.00	-5880.00	-5910.00	-5940.00	-5970.00	-6000.00	-6030.00	-6060.00	-6090.00	-6120.00	-6150.00	-6180.00	-6210.00	-6240.00	-6270.00	-6300.00	-6330.00	-6360.00	-6390.00	-6420.00	-6450.00	-6480.00	-6510.00	-6540.00	-6570.00	-6600.00	-6630.00	-6660.00	-6690.00	-6720.00	-6750.00	-6780.00	-6810.00	-6840.00	-6870.00	-6900.00	-6930.00	-6960.00	-6990.00	-7020.00	-7050.00	-7080.00	-7110.00	-7140.00	-7170.00	-7200.00	-7230.00	-7260.00	-7290.00	-7320.00	-7350.00	-7380.00	-7410.00	-7440.00	-7470.00	-7500.00	-7530.00	-7560.00	-7590.00	-7620.00	-7650.00	-7680.00	-7710.00	-7740.00	-7770.00	-7800.00	-7830.00	-7860.00	-7890.00	-7920.00	-7950.00	-7980.00	-8010.00	-8040.00	-8070.00	-8100.00	-8130.00	-8160.00	-8190.00	-8220.00	-8250.00	-8280.00	-8310.00	-8340.00	-8370.00	-8400.00	-8430.00	-8460.00	-8490.00	-8520.00	-8550.00	-8580.00	-8610.00	-8640.00	-8670.00	-8700.00	-8730.00	-8760.00	-8790.00	-8820.00	-8850.00	-8880.00	-8910.00	-8940.00	-8970.00	-9000.00	-9030.00	-9060.00	-9090.00	-9120.00	-9150.00	-9180.00	-9210.00	-9240.00	-9270.00	-9300.00	-9330.00	-9360.00	-9390.00	-9420.00	-9450.00	-9480.00	-9510.00	-9540.00	-9570.00	-9600.00	-9630.00	-9660.00	-9690.00	-9720.00	-9750.00	-9780.00	-9810.00	-9840.00	-9870.00	-9900.00	-9930.00	-9960.00	-9990.00	-10020.00	-10050.00	-10080.00	-10110.00	-10140.00	-10170.00	-10200.00	-10230.00	-10260.00	-10290.00	-10320.00	-10350.00	-10380.00	-10410.00	-10440.00	-10470.00	-10500.00	-10530.00	-10560.00	-10590.00	-10620.00	-10650.00	-10680.00	-10710.00	-10740.00	-10770.00	-10800.00	-10830.00	-10860.00	-10890.00	-10920.00	-10950.00	-10980.00	-11010.00	-11040.00	-11070.00	-11100.00	-11130.00	-11160.00	-11190.00	-11220.00	-11250.00	-11280.00	-11310.00	-11340.00	-11370.00	-11400.00	-11430.00	-11460.00	-11490.00	-11520.00	-11550.00	-11580.00	-11610.00	-11640.00	-11670.00	-11700.00	-11730.00	-11760.00	-11790.00	-11820.00	-11850.00	-11880.00	-11910.00	-11940.00	-11970.00	-12000.00	-12030.00	-12060.00	-12090.00	-12120.00	-12150.00	-12180.00	-12210.00	-12240.00	-12270.00	-12300.00	-12330.00	-12360.00	-12390.00	-12420.00	-12450.00	-12480.00	-12510.00	-12540.00	-12570.00	-12600.00	-12630.00	-12660.00	-12690.00	-12720.00	-12750.00	-12780.00	-12810.00	-12840.00	-12870.00	-12900.00	-12930.00	-12960.00	-12990.00	-13020.00	-13050.00	-13080.00	-13110.00	-13140.00	-13170.00	-13200.00	-13230.00	-13260.00	-13290.00	-13320.00	-13350.00	-13380.00	-13410.00	-13440.00	-13470.00	-13500.00	-13530.00	-13560.00	-13590.00	-13620.00	-13650.00	-13680.00	-13710.00	-13740.00	-13770.00	-13800.00	-13830.00	-13860.00	-13890.00	-13920.00	-13950.00	-13980.00	-14010.00	-14040.00	-14070.00	-14100.00	-14130.00	-14160.00	-14190.00	-14220.00	-14250.00	-14280.00	-14310.00	-14340.00	-14370.00	-14400.00	-14430.00	-14460.00	-14490.00	-14520.00	-14550.00	-14580.00	-14610.00	-14640.00	-14670.00	-14700.00	-14730.00	-14760.00	-14790.00	-14820.00	-14850.00	-14880.00	-14910.00	-14940.00	-14970.00	-15000.00	-15030.00	-15060.00	-15090.00	-15120.00	-15150.00	-15180.00	-15210.00	-15240.00	-15270.00	-15300.00	-15330.00	-15360.00	-15390.00	-15420.00	-15450.00	-15480.00	-15510.00	-15540.00	-15570.00	-15600.00	-15630.00	-15660.00	-15690.00	-15720.00	-15750.00	-15780.00	-15810.00	-15840.00	-15870.00	-15900.00	-15930.00	-15960.00	-15990.00	-16020.00	-16050.00	-16080.00	-16110.00	-16140.00	-16170.00	-16200.00	-16230.00	-16260.00	-16290.00	-16320.00	-16350.00	-16380.00	-16410.00	-16440.00	-16470.00	-16500.00	-16530.00	-16560.00	-16590.00	-16620.00	-16650.00	-16680.00	-16710.00	-16740.00	-16770.00	-16800.00	-16830.00	-16860.00	-16890.00	-16920.00	-16950.00	-16980.00	-17010.00	-17040.00	-17070.00	-17100.00	-17130.00	-17160.00	-17190.00	-17220.00	-17250.00	-17280.00	-17310.00	-17340.00	-17370.00	-17400.00	-17430.00	-17460.00	-17490.00	-17520.00	-17550.00	-17580.00	-17610.00	-17640.00	-17670.00	-17700.00	-17730.00	-17760.00	-17790.00	-17820.00	-17850.00	-17880.00	-17910.00	-17940.00	-17970.00	-18000.00	-18030.00	-18060.00	-18090.00	-18120.00	-18150.00	-18180.00	-18210.00	-18240.00	-18270.00	-18300.00	-18330.00	-18360.00	-18390.00	-18420.00	-18450.00	-18480.00	-18510.00	-18540.00	-18570.00	-18600.00	-18630.00	-18660.00	-18690.00	-18720.00	-18750.00	-18780.00	-18810.00	-18840.00	-18870.00	-18900.00	-18930.00	-18960.00	-18990.00	-19020.00	-19050.00	-19080.00	-19110.00	-19140.00	-19170.00	-19200.00	-19230.00	-19260.00	-19290.00	-19320.00	-19350.00	-19380.00	-19410.00	-19440.00	-19470.00	-19500.00	-19530.00	-19560.00	-19590.00	-19620.00	-19650.00	-19680.00	-19710.00	-19740.00	-19770.00	-19800.00	-19830.00	-19860.00	-19890.00	-19920.00	-19950.00	-19980.00	-20010.00	-20040.00	-20070.00	-20100.00	-20130.00	-20160.00	-20190.00	-20220.00	-20250.00	-20280.00	-20310.00	-20340.00	-20370.00	-20400.00	-20430.00	-20460.00	-20490.00	-20520.00	-20550.00	-20580.00	-20610.00	-20640.00	-20670.00	-20700.00	-20730.00	-20760.00	-20790.00	-20820.00	-20850.00	-20880.00	-20910.00	-20940.00	-20970.00	-21000.00	-21030.00	-21060.00	-21090.00	-21120.00	-21150.00	-21180.00	-21210.00	-21240.00	-21270.00	-21300.00	-21330.00	-21360.00	-21390.00	-21420.00	-21450.00	-21480.00	-21510.00	-21540.00	-21570.00	-21600.00	-21630.00	-21660.00	-21690.00	-21720.00	-21750.00	-21780.00	-21810.00	-21840.00	-21870.00	-21900.00	-21930.00	-21960.00	-21990.00	-22020.00	-22050.00	-22080.00	-22110.00	-22140.00	-22170.00	-22200.00	-22230.00	-22260.00	-22290.00	-22320.00	-22350.00	-22380.00	-22410.00	-22440.00	-22470.00	-22500.00	-22530.00	-22560.00	-22590.00	-22620.00	-22650.00	-22680.00	-22710.00	-22740.00	-22770.00	-22800.00	-22830.00	-22860.00	-22890.00	-22920.00	-22950.00	-22980.00	-23010.00	-23040.00	-23070.00	-23100.00	-23130.00	-23160.00	-23190.00	-23220.00	-23250.00	-23280.00

Theta ( H )		Phi ( deg )																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Theta ( deg )	Phi ( deg )	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
0	-12.78	-16.21	-20.82	-31.49	-48.87	-73.88	-109.99	-158.56	-219.99	-294.61	-382.88	-484.29	-599.29	-727.29	-867.79	-1019.29	-1181.29	-1353.29	-1534.79	-1725.29	-1924.29	-2131.29	-2345.79	-2567.29	-2795.29	-3029.29	-3268.79	-3513.29	-3762.79	-4016.29	-4273.29	-4533.29	-4796.29	-5061.29	-5328.29	-5597.29	-5868.29	-6140.29	-6413.29	-6687.29	-6962.29	-7238.29	-7515.29	-7793.29	-8072.29	-8352.29	-8633.29	-8914.29	-9195.29	-9476.29	-9757.29	-10038.29	-10319.29	-10600.29	-10881.29	-11162.29	-11443.29	-11724.29	-12005.29	-12286.29	-12567.29	-12848.29	-13129.29	-13410.29	-13691.29	-13972.29	-14253.29	-14534.29	-14815.29	-15096.29	-15377.29	-15658.29	-15939.29	-16220.29	-16501.29	-16782.29	-17063.29	-17344.29	-17625.29	-17906.29	-18187.29	-18468.29	-18749.29	-19030.29	-19311.29	-19592.29	-19873.29	-20154.29	-20435.29	-20716.29	-21000.29	-21280.29	-21560.29	-21840.29	-22120.29	-22400.29	-22680.29	-22960.29	-23240.29	-23520.29	-23800.29	-24080.29	-24360.29	-24640.29	-24920.29	-25200.29	-25480.29	-25760.29	-26040.29	-26320.29	-26600.29	-26880.29	-27160.29	-27440.29	-27720.29	-28000.29	-28280.29	-28560.29	-28840.29	-29120.29	-29400.29	-29680.29	-29960.29	-30240.29	-30520.29	-30800.29	-31080.29	-31360.29	-31640.29	-31920.29	-32200.29	-32480.29	-32760.29	-33040.29	-33320.29	-33600.29	-33880.29	-34160.29	-34440.29	-34720.29	-35000.29	-35280.29	-35560.29	-35840.29	-36120.29	-36400.29	-36680.29	-36960.29	-37240.29	-37520.29	-37800.29	-38080.29	-38360.29	-38640.29	-38920.29	-39200.29	-39480.29	-39760.29	-40040.29	-40320.29	-40600.29	-40880.29	-41160.29	-41440.29	-41720.29	-42000.29	-42280.29	-42560.29	-42840.29	-43120.29	-43400.29	-43680.29	-43960.29	-44240.29	-44520.29	-44800.29	-45080.29	-45360.29	-45640.29	-45920.29	-46200.29	-46480.29	-46760.29	-47040.29	-47320.29	-47600.29	-47880.29	-48160.29	-48440.29	-48720.29	-49000.29	-49280.29	-49560.29	-49840.29	-50120.29	-50400.29	-50680.29	-50960.29	-51240.29	-51520.29	-51800.29	-52080.29	-52360.29	-52640.29	-52920.29	-53200.29	-53480.29	-53760.29	-54040.29	-54320.29	-54600.29	-54880.29	-55160.29	-55440.29	-55720.29	-56000.29	-56280.29	-56560.29	-56840.29	-57120.29	-57400.29	-57680.29	-57960.29	-58240.29	-58520.29	-58800.29	-59080.29	-59360.29	-59640.29	-59920.29	-60200.29	-60480.29	-60760.29	-61040.29	-61320.29	-61600.29	-61880.29	-62160.29	-62440.29	-62720.29	-63000.29	-63280.29	-63560.29	-63840.29	-64120.29	-64400.29	-64680.29	-64960.29	-65240.29	-65520.29	-65800.29	-66080.29	-66360.29	-66640.29	-66920.29	-67200.29	-67480.29	-67760.29	-68040.29	-68320.29	-68600.29	-68880.29	-69160.29	-69440.29	-69720.29	-70000.29	-70280.29	-70560.29	-70840.29	-71120.29	-71400.29	-71680.29	-71960.29	-72240.29	-72520.29	-72800.29	-73080.29	-73360.29	-73640.29	-73920.29	-74200.29	-74480.29	-74760.29	-75040.29	-75320.29	-75600.29	-75880.29	-76160.29	-76440.29	-76720.29	-77000.29	-77280.29	-77560.29	-77840.29	-78120.29	-78400.29	-78680.29	-78960.29	-79240.29	-79520.29	-79800.29	-80080.29	-80360.29	-80640.29	-80920.29	-81200.29	-81480.29	-81760.29	-82040.29	-82320.29	-82600.29	-82880.29	-83160.29	-83440.29	-83720.29	-84000.29	-84280.29	-84560.29	-84840.29	-85120.29	-85400.29	-85680.29	-85960.29	-86240.29	-86520.29	-86800.29	-87080.29	-87360.29	-87640.29	-87920.29	-88200.29	-88480.29	-88760.29	-89040.29	-89320.29	-89600.29	-89880.29	-90160.29	-90440.29	-90720.29	-91000.29	-91280.29	-91560.29	-91840.29	-92120.29	-92400.29	-92680.29	-92960.29	-93240.29	-93520.29	-93800.29	-94080.29	-94360.29	-94640.29	-94920.29	-95200.29	-95480.29	-95760.29	-96040.29	-96320.29	-96600.29	-96880.29	-97160.29	-97440.29	-97720.29	-98000.29	-98280.29	-98560.29	-98840.29	-99120.29	-99400.29	-99680.29	-99960.29	-100240.29	-100520.29	-100800.29	-101080.29	-101360.29	-101640.29	-101920.29	-102200.29	-102480.29	-102760.29	-103040.29	-103320.29	-103600.29	-103880.29	-104160.29	-104440.29	-104720.29	-105000.29	-105280.29	-105560.29	-105840.29	-106120.29	-106400.29	-106680.29	-106960.29	-107240.29	-107520.29	-107800.29	-108080.29	-108360.29	-108640.29	-108920.29	-109200.29	-109480.29	-109760.29	-110040.29	-110320.29	-110600.29	-110880.29	-111160.29	-111440.29	-111720.29	-112000.29	-112280.29	-112560.29	-112840.29	-113120.29	-113400.29	-113680.29	-113960.29	-114240.29	-114520.29	-114800.29	-115080.29	-115360.29	-115640.29	-115920.29	-116200.29	-116480.29	-116760.29	-117040.29	-117320.29	-117600.29	-117880.29	-118160.29	-118440.29	-118720.29	-119000.29	-119280.29	-119560.29	-119840.29	-120120.29	-120400.29	-120680.29	-120960.29	-121240.29	-121520.29	-121800.29	-122080.29	-122360.29	-122640.29	-122920.29	-123200.29	-123480.29	-123760.29	-124040.29	-124320.29	-124600.29	-124880.29	-125160.29	-125440.29	-125720.29	-126000.29	-126280.29	-126560.29	-126840.29	-127120.29	-127400.29	-127680.29	-127960.29	-128240.29	-128520.29	-128800.29	-129080.29	-129360.29	-129640.29	-129920.29	-130200.29	-130480.29	-130760.29	-131040.29	-131320.29	-131600.29	-131880.29	-132160.29	-132440.29	-132720.29	-133000.29	-133280.29	-133560.29	-133840.29	-134120.29	-134400.29	-134680.29	-134960.29	-135240.29	-135520.29	-135800.29	-136080.29	-136360.29	-136640.29	-136920.29	-137200.29	-137480.29	-137760.29	-138040.29	-138320.29	-138600.29	-138880.29	-139160.29	-139440.29	-139720.29	-140000.29	-140280.29	-140560.29	-140840.29	-141120.29	-141400.29	-141680.29	-141960.29	-142240.29	-142520.29	-142800.29	-143080.29	-143360.29	-143640.29	-143920.29	-144200.29	-144480.29	-144760.29	-145040.29	-145320.29	-145600.29	-145880.29	-146160.29	-146440.29	-146720.29	-147000.29	-147280.29	-147560.29	-147840.29	-148120.29	-148400.29	-148680.29	-148960.29	-149240.29	-149520.29	-149800.29	-150080.29	-150360.29	-150640.29	-150920.29	-151200.29	-151480.29	-151760.29	-152040.29	-152320.29	-152600.29	-152880.29	-153160.29	-153440.29	-153720.29	-154000.29	-154280.29	-154560.29	-154840.29	-155120.29	-155400.29	-155680.29	-155960.29	-156240.29	-156520.29	-156800.29	-157080.29	-157360.29	-157640.29	-157920.29	-158200.29	-158480.29	-158760.29	-159040.29	-159320.29	-159600.29	-159880.29	-160160.29	-160440.29	-160720.29	-161000.29	-161280.29	-161560.29	-161840.29	-162120.29	-162400.29	-162680.29	-162960.29	-163240.29	-163520.29	-163800.29	-164080.29	-164360.29	-164640.29	-164920.29	-165200.29	-165480.29	-165760.29	-166040.29	-166320.29	-166600.29	-166880.29	-167160.29	-167440.29	-167720.29	-168000.29	-168280.29	-168560.29	-168840.29	-169120.29	-169400.29	-169680.29	-169960.29	-170240.29	-170520.29	-170800.29	-171080.29	-171360.29	-171640.29	-171920.29	-172200.29	-172480.29	-172760.29	-173040.29	-173320.29	-173600.29	-173880.29	-174160.29	-174440.29	-174720.29	-175000.29	-175280.29	-175560.29	-175840.29	-176120.29	-176400.29	-176680.29	-176960.29	-177240.29	-177520.29	-177800.29	-178080.29	-178360.29	-178640.29	-178920.29	-179200.29	-179480.29	-179760.29	-180040.29	-180320.29	-180600.29	-180880.29	-181160.29	-181440.29	-181720.29	-182000.29	-182280.29	-182560.29	-182840.29	-183120.29	-183400.29	-183680.29	-183960.29	-184240.29	-184520.29	-184800.29	-185080.29	-185360.29	-185640.29	-185920.29	-186200.29	-186480.29	-186760.29	-187040.29	-187320.29	-187600.29	-187880.29	-188160.29	-188440.29	-188720.29	-189000.29	-189280.29	-189560.29	-189840.29	-190120.29	-190400.29	-190680.29	-190960.29	-191240.29	-191520.29	-191800.29	-192080.29	-192360.29	-192640.29	-192920.29	-193200.29	-193480.29	-193760.29	-194040.29	-194320.29	-194600.29	-194880.29	-195160.29	-195440.29	-195720.29	-196000.29	-196280.29	-196560.29	-196840.29	-197120.29	-197400.29	-197680.29	-197960.29	-198240.29	-198520.29	-198800.29	-199080.29	-199360.29	-199640.29	-199920.29	-200200.29	-200480.29	-200760.29	-201040.29	-201320.29	-201600.29	-201880.29	-202160.29	-202440.29	-202720.29	-203000.29	-203280.29	-203560.29	-203840.29	-204120.29	-204400.29	-204680.29	-204960.29	-205240.29	-205520.29	-205800.29	-206080.29	-206360.29	-206640.29	-206920.29	-207200.29	-207480.29	-207760.29	-208040.29	-208320.29	-208600.29	-208880.29	-209160.29	-209440.29	-209720.29	-210000.29	-210280.29	-210560.29	-210840.29	-211120.29	-211400.29	-211680.29	-211960.29	-212240.29	-212520.29	-212800.29	-213080.29	-213360.29	-213640.29	-213920.29	-214200.29	-214480.29	-214760.29	-215040.29	-215320.29	-215600.29	-215880.29	-216160.29	-216440.29	-216720.29	-217000.29	-217280.29	-217560.29	-217840.29	-218120.29	-218400.29	-218680.29	-218960.29	-219240.29	-219520.29	-219800.29	-220080.29	-220360.29	-220640.29	-220920.29	-221200.29	-221480.29	-221760.29	-222040.29	-222320.29	-222600.29	-222880.29	-223160.29	-223440.29	-223720.29	-224000.29	-224280.29	-224560.29	-224840.29	-225120.29	-225400.29	-225680.29	-225960.29	-226240.29	-226520.29	-226800.29	-227080.29	-227360.29	-227640.29	-227920.29	-228200.29	-228480.29	-228760.29	-229040.29	-229320.29	-229600.29	-229880.29	-230160.29	-230440.29	-230720.29	-231000.29	-231280.29	-231560.29	-231840.29	-232120.29	-232400.29	-232680.29	-232960.29	-233240.29	-233520.29	-233800.29	-234080.29	-234360.29	-234640.29	-234920.29	-235200.29	-235480.29	-235760.29	-236040.29	-236320.29	-236600.29	-236880.29	-237160.29	-237440.29	-237720.29	-238000.29	-238280.29	-238560.29	-238840.29	-239120.29	-239400.29	-239680.29	-239960.29	-240240.29	-240520.29	-240800.29	-241080.29	-241360.29	-241640.29	-241920.29	-242200.29	-242480.29	-242760.29	-243040.29	-243320.29	-243600.29	-243880.29	-244160.29

Theta ( H )

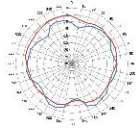
Table with 31 columns (0-30) and 31 rows (0-30) showing Theta (deg.) and Phi (deg.) values. Values range from approximately -10.5 to 10.5.



Phi ( V )

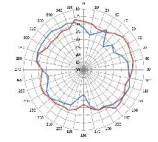
Table with 31 columns (0-30) and 31 rows (0-30) showing Phi (deg.) and Theta (deg.) values. Values range from approximately -18.5 to 18.5.

Theta ( H )		Phi ( deg )																																				
Theta ( deg )	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	
0	-14.88	-23.97	-17.44	-11.42	-8.12	-5.84	-4.30	-3.18	-2.19	-1.23	1.88	1.97	-1.38	-2.08	-3.18	-4.68	-6.66	-9.28	-13.55	-20.17	-17.82	-11.66	-7.79	-5.51	-4.16	-2.76	-1.93	-1.43	-1.15	-1.28	-1.66	-2.37	-3.46	-4.8	-6.7	-9.29	-13.84	
10	-17.88	-25.19	-14.71	-9.5	-6.13	-3.83	-2.19	-0.91	0.55	0.67	0.36	0.36	0.17	-1.15	-2.25	-3.55	-5.05	-6.8	-8.89	-11.99	-16.81	-14.46	-11.57	-7.66	-5.68	-4.3	-3.3	-2.91	-2.99	-3.4	-4.14	-5.33	-7.03	-8.7	-11.92	-18.03		
20	-11.14	-11.28	-9.58	-6.78	-4.7	-2.12	-0.59	0.74	1.66	2.19	2.09	1.39	0.41	-0.89	-2.22	-3.7	-5.92	-9.41	-14.6	-21.8	-22.26	-16.63	-13.76	-12.08	-11.08	-9.18	-6.94	-4.99	-3.94	-4.03	-5.32	-7.78	-10.12	-11.11	-10.58	-10.66	-11.23	
30	-5.51	-7.21	-7.91	-5.54	-2.86	-0.73	0.93	1.11	1.85	1.83	1.51	1.13	0.64	0.01	-1.54	-4.01	-7.66	-11.03	-12.6	-15.54	-19.28	-17.48	-12.28	-9.03	-6.04	-4.01	-2.89	-2.43	-3.84	-6.02	-8.48	-11.73	-12.84	-10.2	-7.9	-4.49	-4.44	-5.75
40	-7.77	-9.32	-8.42	-5.02	-2.02	-0.02	1.33	2.04	2.56	2.87	2.76	2.4	2.34	1.43	-0.78	-3.53	-5.91	-7.72	-9.19	-11.09	-14.01	-18.32	-16.29	-11.38	-8.01	-6.02	-4.41	-3.8	-4.89	-12.73	-26.78	-10.52	-5.57	-4.23	-4.4	-6.02	-7.94	
50	-12.4	-14.7	-11.98	-5.81	-1.01	1.49	2.11	1.89	2.18	2.58	2.68	2.84	2.77	1.71	-0.73	-1.61	-5.25	-9.62	-11.15	-10.77	-12.13	-16.14	-17.82	-11.07	-7.47	-6.57	-6.57	-6.2	-6.35	-8.26	-10.58	-8.68	-6.53	-6.14	-7.3	-9.57	-12.49	
60	-13.1	-14.63	-11.77	-5.33	-0.66	1.11	1.17	1.35	1.71	1.88	1.14	1.24	1.37	0.86	-0.33	-2.13	-5.48	-10.44	-12.7	-11.34	-11.23	-12.83	-14.54	-12.13	-9.22	-6.97	-5.56	-5.15	-5.28	-5.91	-8.08	-12.3	-10.44	-8.16	-8.84	-11.34	-13.66	
70	-10.67	-13.75	-11.54	-3.17	0.28	0.91	-0.73	0.41	0.01	-0.97	-1	-0.68	-1.21	-2.27	-3.93	-5.27	-5.34	-6.38	-6.671	-7.25	-8.24	-6.66	-7.94	-7.72	-7.76	-10.4	-8.6	-7.84	-8.64	-8.16	-10.49	-15.67	-14.17	-9.34	-8.29	-9.73	-10.93	
80	-11.94	-12.92	-12.46	-6.54	-3.82	-3.12	-3.22	-2.49	-2.43	-1.61	-1.69	-1.69	-4.75	-6.61	-5.64	-2.44	-2.39	-7.75	-20.4	-10.88	-8.53	-9.35	-11.83	-12.03	-10.58	-12.18	-9.28	-5.42	-9.77	-10.85	-14.87	-17.34	-11.69	-12.14	-13.23	-12.23	-11.56	
90	-10.14	-8.93	-8.4	-5.79	-2.42	-2.1	-6.38	-6.87	-5.29	-4.8	-4.8	-4.09	-7.78	-10.56	-11.5	-8.19	-6.93	-13.89	-18.32	-9.8	-7.75	-8.74	-13.45	-13.83	-9.24	-7.55	-9.37	-8.88	-12.79	-12.45	-10.89	-7.22	-7.98	-13.68	-14.33	-10.23		
100	-9.07	-7.43	-5.42	-2.62	-0.49	-1.84	-9.87	-11.41	-7.06	-12.92	-12.84	-12.71	-11.77	-8.11	-18.88	-18.13	-14.57	-18.28	-15.67	-9.42	-6.67	-6.09	-8.11	-8.22	-7.98	-8.39	-9.21	-16.01	-16.61	-12.42	-8.73	-6.74	-6.02	-5.89	-7.72	-9.75	-9.13	
110	-7.7	-7.63	-5.87	-3.94	-2.47	-2.65	-3.89	-5.58	-4.4	-12.88	-10.38	-11.7	-9.63	-11.56	-14.3	-25.02	-15.54	-15.69	-19.19	-17.76	-11.48	-10.66	-13.14	-14.81	-18.28	-9.01	-6.66	-11.72	-7.99	-5.88	-5.11	-5.22	-6.34	-5.89	-6.89	-7.73	-7.98	
120	-12.07	-13.49	-12.63	-9.91	-6.52	-4.76	-5.79	-5.88	-8.49	-14.64	-12.61	-28.52	-19	-27.31	-15.97	-13.98	-18.9	-15.65	-13.64	-13.75	-14.52	-15.57	-16.66	-15.97	-11.25	-8.18	-9.33	-9.78	-7.87	-7.52	-6.34	-4.92	-6.22	-8.4	-10	-11.49	-12.53	
130	-11.7	-15.97	-14.94	-10.81	-8.11	-8.19	-10.75	-16.89	-19.48	-19.6	-25.14	-15.75	-13.74	-14.67	-10.35	-9.95	-12.51	-13.75	-12.19	-10.32	-9.14	-9.24	-11.54	-13.42	-11.21	-11.83	-6.83	-2.86	-4	-4.24	-3.08	-5.14	-4.96	-5.56	-7.27	-9.73	-12.98	
140	-7.61	-11.17	-11.76	-18.19	-11.59	-8.28	-7.63	-11.37	-25.86	-19.21	-13.66	-14.1	-16.8	-8.91	-7.89	-10.53	-12.41	-11.1	-9.78	-9.44	-10.44	-14.05	-27.42	-15.87	-10.82	-7.61	-4.31	-1.05	-0.21	-0.95	-1.77	-3	-2.22	-2.64	-3.68	-5.65	-7.84	
150	-8.8	-6.84	-8.32	-11.92	-22.79	-16.78	-9.83	-7.18	-6.38	-6.41	-6.91	-9.03	-14.69	-24.25	-32.32	-26.4	-16.78	-15.49	-12.72	-11.51	-15.67	-22.62	-24.21	-11.1	-5.14	-1.99	-0.89	-0.98	-4.54	-2.06	-3.96	-5.23	-6.07	-6.61	-6.91	-6.99	-7.15	
160	-13.41	-19.4	-22.26	-17.34	-13.42	-10.83	-8.82	-6.38	-4.21	-2.58	-2.01	-4.4	-6.25	-10.42	-14.52	-16.69	-15.77	-15.23	-14.69	-13.88	-11.21	-9.23	-7.19	-5.63	-4.33	-4.09	-4.62	-5.55	-6.08	-5.66	-4.63	-4.49	-5.52	-6.36	-7.32	-7.16	-13.95	
170	-10.35	-13	-17.64	-23.18	-20.17	-15.97	-14.34	-14.66	-15.54	-14.67	-13.57	-11.49	-11.7	-13.6	-17.33	-24.4	-24.35	-18.75	-15	-13.64	-12.88	-12.07	-11.43	-10.93	-10.35	-9.4	-8.3	-7.3	-6.7	-6.21	-5.83	-5.71	-6.02	-6.76	-7.69	-8.69	-10.4	
180	-30.23	-17.81	-12.05	-8.88	-6.91	-5.69	-5.21	-5.16	-4.61	-4.22	-4.18	-4.74	-5.68	-7.41	-10.12	-13.74	-18.42	-19.65	-15.77	-12.84	-10.37	-8.54	-7.17	-6.23	-5.54	-5.31	-5	-5.08	-5.22	-5.97	-6.83	-8.32	-10.77	-14.37	-20.22	-31.05		



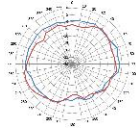
Phi ( V )		Phi ( deg )																																				
Phi ( deg )	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	
0	-2.07	-1.84	-1.92	2.09	-2.41	-2.2	-4.71	-6.78	-9.56	-13.38	-23.09	-18.12	-12.69	-8.27	-5.78	-3.68	-2.48	-1.49	-1.02	-0.83	-1.08	-1.51	-2.12	-3.23	-4.78	-6.33	-8.81	-13.98	-18.78	-15.74	-10.94	-7.61	-5.33	-3.93	-2.74	-2.1	-1.6	
10	-1.09	-1.61	-1.57	-1.61	-1.18	-2.3	-3.34	-4.99	-7.19	-9.74	-12.51	-12.83	-11.42	-9.71	-8.02	-6.59	-5.44	-4.66	-4.12	-3.75	-3.48	-3.28	-3.16	-3.02	-2.85	-2.65	-2.43	-2.19	-1.96	-1.88	-1.85	-1.82	-1.72	-1.54	-1.38	-1.28	-1.23	-1.16
20	-1.1	-0.63	-0.28	-0.20	-0.17	-0.93	-2.07	-3.59	-6.88	-6.11	-7.87	-9.74	-10.84	-10.43	-9.93	-7.04	-5.87	-5.07	-4.78	-4.52	-4.38	-4.29	-4.24	-4.19	-4.14	-4.09	-4.04	-3.99	-3.94	-3.89	-3.84	-3.79	-3.74	-3.69	-3.64	-3.59	-3.54	-3.49
30	0.4	1.03	1.53	1.63	1.17	-0.14	-1.62	-3.28	-4.97	-4.56	-5.92	-7.97	-9.87	-10.03	-9.49	-9.42	-9.72	-10.33	-10.4	-9.29	-7.84	-6.65	-6.37	-7.3	-8.89	-9.98	-10.59	-11.15	-11.32	-11.98	-8.99	-5.13	-3.22	-2.34	-1.44	-0.32	0.08	
40	0.99	1.68	0.92	0.72	0.13	-1	-2.99	-5.31	-6.24	-5.88	-5.5	-5.28	-4.64	-3.11	-2.11	-1.58	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49
50	0.69	-0.18	-0.43	-0.76	-1.27	-2.43	-4.48	-6.09	-5.97	-4.32	-4.43	-3.54	-2.12	-1.24	-0.76	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61
60	0.45	-0.48	-1.26	-1.15	-0.99	-1.97	-3.72	-5.3	-5.68	-2.36	-3.09	-3.17	-1.83	-0.83	-0.56	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42
70	2.12	0.67	-0.29	0.04	0.43	-0.24	-1.65	-3.22	-4.13	-3.77	-1.19	-1.28	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
80	3.49	2.11	1.09	1.08	1.44	0.63	-1.92	-4.1	-5.53	-5.91	-1.08	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49
90	3.32	2.04	0.9	0.89	0.82	0.88	-2.32	-4.51	-6.38	-7.23	-1.12	-1.91	-1.83	-1.53	-1.64	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57
100	0.44	-1.54	-2.34	-2.07	-1.83	-2.59	-3.73	-4.58	-7.45	-5.86	-4	-9.38	-10.64	-11.4	-11.41	-20.38	-13.47	-15.46	-13.56	-8.16	-6.69	-8.67	-17.55	-15.94	-9.45	-7.71	-4.18	-0.83	-0.8	-2.48	-1.69	0.69	2.62	2.88	1.88	0.43	-0.61	
110	-2.45	-4.36	-6.09	-6.24	-5.13	-5.8	-8.75	-16.4	-9.42	-5.86	-6.72	-12.88	-14.7	-16.73	-12.33	-10.11	-10.07	-13.72	-12.27	-14.46	-10.69	-12.01	-16.98	-8.66	-5.46	-6.06	-4.67	0.09	1.89	0.21	-1.06	0.19	1.32	1.78	0.84	-0.78	-2.68	
120	-6.52	-11.2	-13.62	-12.5	-7.05	-11.24	-14.01	-12.51	-10.43	-6.63	-9.98	-14.49	-19.43	-18.74	-20.74	-10.65	-7.15	-7.82	-11.21	-13.59	-12.84	-9.79	-7.24	-5.28	-4.81	-5.81	-6.31	-1.46	0.3	-0.97	-2.42	-1.34	-0.81	-0.85	0.79	-0.83	-0.73	
130	0.09	-1.62	-4.38	-3.74	-10.12	-10.28	-7.95	-10.52	-10.44	-8.11	-10.05	-9.21	-9.62	-10.78	-9.62	-8.23	-8.89	-11.39	-10.41	-10.26	-9.43																	

Theta (H)		Phi (deg.) \ Theta (deg.)																																				
Theta (deg.) \ Phi (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	
0	-8.46	-6.59	-4.98	-3.44	-2.19	-1.55	-1.14	-0.78	-0.72	-0.73	-1.11	-1.73	-2.69	-3.91	-5.59	-7.97	-10.05	-10.21	-8.36	-6.03	-3.97	-2.59	-1.63	-0.89	-0.43	-0.25	-0.41	-0.75	-1.41	-2.37	-3.61	-5.24	-7.28	-9.46	-11.36	-10.78	-8.56	
10	-10.78	-8.44	-6.69	-5.93	-5.16	-4.49	-4.02	-3.48	-2.89	-2.22	-1.63	-1.23	-1.17	-2.39	-3.72	-5.87	-9.01	-12.46	-10.88	-6.43	-3.36	-1.46	0.14	1.13	1.59	1.66	1.13	0.09	-1.24	-3.01	-5.16	-7.89	-11.77	-18.79	-25.47	-15.01	-10.91	
20	-8.14	-4.62	-3.77	-3.51	-3.59	-4.21	-5.81	-7.72	-8.81	-7.72	-6.03	-4.24	-2.23	-2.8	-4.33	-7.11	-11.43	-15.3	-13.09	-10.55	-8.36	-5.94	-3.32	-1.64	0.03	1.33	2.26	2.38	1.81	1.23	0.76	-0.42	-3.14	-8.47	-18.85	-20.18	-13.21	-10.27
30	-18.24	-16.26	-12.53	-12.36	-12.01	-12.61	-14.61	-18.61	-24.49	-28.72	-27.61	-24.25	-19.27	-13.96	-13.32	-10.19	-10.68	-15.45	-16.91	-9.55	-5.35	-2.97	-1.39	0.03	1.33	2.26	2.38	1.81	1.23	0.76	-0.42	-3.14	-8.47	-18.85	-20.18	-13.21	-10.27	
40	-15.09	-11.68	-9.79	-9.42	-10.03	-12.61	-19.97	-30.94	-39.94	-37.67	-31.63	-22.77	-16.74	-12.53	-10.30	-8.11	-6.59	-4.26	-3.11	-1.11	0.27	0.63	1.14	1.29	1.42	1.09	1.84	2.06	1.63	-1.82	-4.79	-10.72	-18.61	-17.72	-10.89	-11.22	-15.63	
50	-10.58	-11.04	-11.42	-10.33	-8.83	-10.56	-13.85	-21.89	-40.62	-58.11	-50.35	-39.28	-28.96	-20.99	-15.22	-10.29	-7.75	-6.08	-3.07	2.04	1.97	1.18	0.61	0.36	0.74	0.63	0	-0.03	-1.3	-4.04	-8.13	-13.94	-22.24	-28.66	-10.18	-11.12		
60	-9.32	-12.88	-12.88	-10.97	-13.52	-13.34	-15.57	-19.01	-37.7	-4.34	-5.49	-9.01	-13.1	1.79	-4.43	-8.18	-10.01	0.26	0.68	1.71	-0.22	-1.53	-0.46	-1.19	-3.79	-4.25	-2.37	-2.42	-4.72	-7.69	-8.24	-8.67	-7.51	-7.32	-8.86			
70	-10.4	-11.4	-6.45	-4.24	-7.72	-12.68	-28.37	-11.07	-6.89	-6.88	-8.44	-7.35	-4.47	-1.12	1.34	1.98	-3.08	-0.49	-1.53	0.8	0.75	-0.25	-3.45	-6.08	-0.43	-0.05	-5.31	-7.27	-3.48	-5.54	-10.13	-7.19	-9.7	-15.01	-10.5	-9.07	-10.39	
80	-19.92	-11.99	-4.37	-1.67	-3.78	-13.56	-18.99	-18.51	-6.79	-4	-9.85	-2.84	-5.45	-1.69	0.59	0.07	0.04	-8.87	-5.87	-1.99	-1.52	-1.39	-4.02	-7.69	-1.7	-1.34	-4.27	-1.86	-4.43	-9.64	-24.33	-10.18	-17.78	-13.51	-10.53	-12.15	-18.91	
90	-10.53	-15.01	-15.46	-11.19	-13.53	-16.38	-12.81	-17.25	-38.57	-2.79	-2.07	-3.54	-4.45	-4.44	2.01	1.54	-0.56	-6.68	-13.1	-8.25	-5.06	-3.35	-4.46	-3.88	-1.96	-3.85	-5.95	-2.67	-2.91	-13.47	-16.97	-14.88	-21.68	-14.16	-9.13	-7.24	-10.19	
100	-8.74	-8.57	-5.42	-3.2	-5.05	-18.47	-9.06	-8.78	-2.79	-7.43	-4.78	-3.8	-2.44	-0.93	-0.88	-4.23	-10.18	-13.98	-8.21	-5.68	-3.61	-4.98	-8.76	-6.83	-3.73	-7.18	-14.11	-14.01	-10.78	-10.83	-19.03	-16.09	-28.74	-18.87	-11.39	-8.67	-8.51	
110	-8.63	-9.27	-6.44	-3.71	-5.41	-12.76	-8.12	-8.44	-4.34	-6.53	-6.19	-6.96	-3.17	-2.98	-3.22	-6.09	-10.07	-8.92	-3.46	-1.01	-0.5	-2.36	-8.21	-12.33	-4.99	-5.99	-15.98	-14.37	-21.19	-10.47	-15.12	-13.34	-14.27	-18.05	-11.06	-8.42	-8.24	
120	-9.29	-9.93	-8.42	-5.5	-6.46	-10.78	-10.84	-9.22	-4.44	-0.51	-2.07	-1.89	-3.28	0.08	-1	-3.34	-18.89	-9.06	-4.13	-1.97	-1.44	-3.09	-7.64	-21.49	-13.73	-15.43	-11.73	-8.9	-8.94	-9.88	-15.26	-13.93	-10.05	-11.45	-13.31	-10.3	-9.28	
130	-9.62	-9.46	-7.3	-5.42	-7.75	-17.75	-3.6	-10.43	-0.81	-1.71	-4.23	-10.27	-6.73	-1.61	0.15	-1.46	-5.78	-10.07	-7.72	-5.71	-5.94	-10.26	-19.27	-7.72	-6.15	-7.52	-10.37	-8.93	-13.82	-28.58	-19.05	-16.88	-8.33	-17.55	-12.18	-10.45	-9.49	
140	-13.24	-13.17	-16.32	-20.56	-17.48	-12.66	-7.42	-3.61	-2.39	-3.98	-6.8	-8.26	-9.73	-7.85	-5.06	-5.72	-6.62	-7.32	-7.41	-7.77	-9.13	-12.78	-24.71	-14.1	-8.47	-7.77	-11.31	-15.59	-13.88	-23.45	-15.19	-9.85	-9.82	-11.43	-12.68	-13.98	-13.31	
150	-15.45	-17.4	-17.12	-14.92	-12.11	-9.21	-7.72	-7.42	-6.98	-5.29	-3.16	-3.71	-4.04	-10.73	-18.52	-10.18	-20.02	-18.51	-18.78	-18.89	-16.52	-13.34	-12.24	-11.24	-10.98	-10.42	-9.96	-10.09	-10.61	-12.24	-18.25	-16.59	-11.28	-9.77	-10.19	-12.99	-15.28	
160	-17.83	-17.69	-11.8	-11.78	-17.72	-15.21	-13.5	-12.5	-11.94	-13.14	-14.88	-14.81	-14.27	-14.96	-16.1	-16.88	-17.88	-20.12	-21.1	-20.04	-18.42	-15.35	-13.24	-11.35	-10.53	-10.69	-11.01	-12.2	-15.65	-20.72	-22.83	-20.65	-17.98	-18.84	-16.71	-17.64	-17.64	
170	-21.76	-24.18	-20.3	-17.2	-14.6	-12.41	-10.12	-8.27	-7.46	-7.69	-8.34	-8.61	-8.61	-9	-9.8	-10.72	-11.91	-13.88	-15.53	-16.53	-16.16	-14.63	-12.1	-9.97	-8.85	-8.05	-7.81	-8.33	-9.85	-11.15	-11.6	-11.52	-11.37	-12.51	-14.33	-16.47	-21.88	



Phi (V)		Theta (deg.) \ Phi (deg.)																																				
Theta (deg.) \ Phi (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	
0	1.55	-1.87	-2.39	-3.28	-4.48	-6.07	-7.83	-9.05	-10.01	-8.53	-6.51	-4.67	-2.98	-1.83	-0.98	-0.28	0.07	0.19	-0.03	-0.36	-1.02	-2.1	-3.81	-5.85	-11.65	-12.48	-9.5	-6.62	-4.58	-3.17	-2.1	-1.47	-1.16	-0.93	-1.12	-1.26		
10	0.44	-6.39	-7.07	-7.79	-8.78	-10.05	-11.52	-13.67	-15.12	-14.02	-10.31	-6.67	-3.95	-1.96	-0.64	0.74	1.58	2.07	2.22	2.05	1.67	0.89	-0.29	-2.23	-4.94	-7.62	-8.96	-8.1	-6.22	-4.54	-3.62	-3.06	-3.09	-3.44	-3.79	-4.46	-5.64	
20	-9.17	-10.82	-9.88	-7.81	-6.47	-6.23	-7.27	-10.06	-16.06	-22.77	-13.85	-8.09	-4.66	-2.34	-0.93	-0.41	-0.43	0.55	-0.53	-0.19	0.05	-0.07	-1.03	-2.96	-5.83	-8.31	-7.96	-6.39	-5.06	-4.32	-4.01	-4	-4.13	-4.59	-5.7	-7.33	-9.23	
30	-15.78	-13.02	-13.78	-8.86	-6.2	-4.56	-4.37	-7.37	-19.63	-13.23	-8.71	-6.63	-4.69	-3.46	-3.0	-4.36	-4.61	1.75	-2.42	-1.71	-1.39	-1.2	-1.31	-2.3	-5.62	-12.35	-10.39	-6.66	-5.5	-5.31	-5.71	-6	-5.53	-5.61	-6.79	-9.44	-15.18	
40	-5.87	-8.18	-11.76	-11.23	-8.91	-6.76	-4.64	-4.79	-12.77	-10.38	-5.08	-3.51	-3.59	-4.09	-3.95	-4.72	-5.08	-4.61	-4.12	-3.53	-3.35	-3.3	-3.14	-2.99	-4.24	-8.39	-17.07	-9.78	-6.84	-4.3	-4.35	-5.45	-4.11	-4.01	-3.95	-4.43	-5.28	
50	-2.78	-3.58	-10.21	-19.93	-16.84	-9.69	-5.95	-5.3	-9.49	-14.44	-6.98	-6.53	-4.02	-1.17	-0.53	-2.07	-3.83	-4.63	-4.61	-4.63	-4.15	-3.24	-3.5	-6.37	-11.12	-13.08	-17.83	-13.78	-10	-4.3	-3.21	-3.58	-2.63	-1.68	-1.84	-2.84		
60	-3.4	-6.27	-9.01	-10.2	-13.9	-17.71	-5.97	-2.83	-5.1	-8.73	-10.47	-7.19	-1.89	-1.52	1.55	-1.72	-6.06	-5.54	-2.66	-1.22	-1.22	-1.19	-2.61	-3.89	-4.81	-10.11	-11.41	-8.72	-11.33	-12.22	-8.98	-8.22	-6.32	-3.95	-1.27	-1.62	-3.39	
70	-8.71	-13.79	-12.4	-10.76	-14.18	-23.54	-6.05	-1.87	-5.43	-11.29	-9.74	-3	-2.23	0.05	1.03	-1.38	-2.73	-0.66	1.05	1.51	1.1	-1	-0.26	-2.47	-6.07	-10.2	-11.61	-12.11	-8.5	-7.11	-14.45	-18.97	-22.77	-6.71	-2.05	-2.08	-4.1	-8.47
80	-9.86	-16	-15.66	-14.53	-13.63	-12.63	-6.4	-2.96	-4.56	-11.1	-9.6	-2.55	-5.41	-3.7	1.1	-1.12	-0.26	-0.27	0.37	0.21	-1.2	-3.91	-6.2	-8.06	-11.09	-11.73	-8.66	-9.42	-8.29	-11.67	-6.59	-5.41	-3.55	-2.81	-3.85	-6.13	-9.51	
90	-5.54	-8.43	-11.2	-11.22	-16.53	-15.66	-13.53	-9.26	-5.49	-10.57	-6.55	-2.72	-4.43	-2.89	0.81	-0.45	-2.28	-3.62	-2.4	-1.72	-3.08	-4.79	-5.23	-7.55	-16.43	-10.63	-6.14	-8.31	-14.13	-12.83	-5.62	-3.89	-4.49	-5.54	-6.12	-5.28	-5.41	
100	-5.58	-6.74	-8.55	-10.33	-11.23	-17.25	-20.32	-11.9	-2.99	-2.86	-5.01	-4.08	-2.01	-1.84	-1.01	-2.5	-2.58	-1.16	-1.02	-1.72	-3.79	-6.95	-9.63	-15.19	-22.1	-6.19	-2.25	-4.29	-12.72	-7.93	-4.82	-4.14	-4.0	-5.45	-5.47	-5.52		
110	-3.38	-4.44	-7.92	-12.64	-16.13	-18.13	-15.75	-7.97	-3.82	-5.45	-5.97	-4.29	-1.72	-1.99	-3.31	-2.05	0.03	0.65	0.19	-0.03	-3.1	-7.41	-10.15	-9.21	-7.62	-10.39	-8.31	-2.81	-8.2	-13.71	-8.84	-4.64	-4.75	-7.55	-8.23	-4.4	-3.08	
120	-1.83	-2.21	-4.95	-9.62	-19.67	-13.59	-7.98	-7.02	-4.58	-5.07	-8.84	-5.15	-1.89	-1.53	-3	-1.97	0.23	0.93	4.09	-2.44	-7.08	-11.38	-12.01	-14	-8.47	-8.31	-16.17	-11.9	-11.69	-9.21	-3.51	-1.86	-5.96	-18.13	-10.2	-3.6	-1.51	
130	0.14	-0.63	-3.45	-10.16	-19.98	-9.37	-9.14	-8.49	-6.13	-7.82	-10.51	-8.96	-4.04	-5.48	-6.21	-3.34	-2.03	-2.43	-4.49	-7.99	-9.83	-9.55	-13.22	-20.57	-10.74	-11.29	-7.62	-8.26	-7.92	-3.96	-2.43	-7.78	-9.85	-2.67	-0.44	0.29		
140	0.65	-1.8	-4.72	-9.12	-10.64	-10.19	-10.28	-12.06	-16.09	-15.73	-8.27	-5.65	-4.85	-4.38	-5.36	-4.54	-3.18	-2.99	-4.01	-6.17	-8.61	-8.47	-9.05	-10.4														

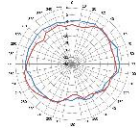
Theta ( H )		Phi ( deg. )																																				
Theta ( deg. )	Phi ( deg. )	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360
0	-10.05	-9.78	-9.87	-10.02	-10.18	-10.72	-11.45	-12.92	-15.3	-17.48	-19.96	-21.34	-19.44	-16.62	-15.02	-13.52	-12.34	-11.40	-10.72	-10.3	-9.74	-9.87	-10.14	-10.18	-10.83	-11.97	-14.04	-15	-17.93	-21.44	-22.98	-19.14	-15.82	-13.93	-12.45	-10.81	-10.12	
10	-12.1	-13.93	-15.11	-16.2	-17.38	-17.82	-19.63	-24.1	-29.68	-29.09	-23.32	-17.14	-12.94	-10.07	-7.65	-5.89	-4.83	-4.13	-4.21	-4.83	-5.61	-6.47	-7.38	-8.23	-9.23	-10.66	-12.4	-13.96	-14.52	-14.61	-13.69	-12.45	-11.91	-11.59	-11.25	-12.55		
20	-17.28	-8.79	-10.26	-12.31	-14.38	-15.51	-16.73	-17.68	-18.79	-11.29	-10.93	-8.29	-5.54	-3.29	-1.69	-0.85	4.39	1.14	-2.15	-3.38	-4.14	-4.78	-6.14	-7.18	-8.24	-8.11	-7.63	-7.84	-8.11	-8.45	-8.6	-8.64	-7.59	-6.99	-6.67	-6.59	-7.08	
30	-22.7	-10.24	-9.54	-10.03	-11	-12.08	-11.77	-9.51	-7.54	-6.44	-5.18	-4.14	-3.64	-3.64	-3.24	-2.84	-2.84	-2.84	-2.84	-3.11	-3.11	-3.11	-3.11	-3.11	-3.11	-3.11	-3.11	-3.11	-3.11	-3.11	-3.11	-3.11	-3.11	-3.11	-3.11	-3.11	-3.11	-3.11
40	-15.2	-13.91	-11.63	-11.58	-14.78	-19.79	-16.64	-9.52	-5.92	-4.39	-3.13	-1.4	-0.11	1.74	2.38	2.64	1.34	0.31	1.03	-1.18	-1.74	-2.64	-3.08	-3.07	-3.29	-3.52	-4.89	-7.77	-12.02	-20.71	-31.11	-24.98	-17.48	-13.95	-13.4	-13.96	-15.13	
50	-6.72	-7.18	-6.88	-6.25	-6.4	-8.39	-12.09	-11.88	-6.64	-3.57	-1.38	-0.28	0.05	2.08	2.13	2.27	2.3	-0.59	-0.77	0.57	0.59	-0.09	-3.09	-4.27	-4.33	-4.51	-5.98	-7.12	-7.11	-10.39	-18.65	-16.53	-11.83	-11.62	-8.69	-6.78	-6.2	
60	-12.4	-10.15	-8.01	-7.05	-5.96	-4.74	-6.09	-10.4	-7.97	-2.97	-0.19	0.27	-1.59	0.96	2.32	1.55	3.14	-2.03	-2.65	0.1	0.76	0.1	-1.14	-3.09	-4.98	-6.24	-9.23	-17.71	-25.55	-2.99	-2.03	-17.04	-17.21	-13.69	-11.27	-11.89	-12.39	
70	-21.32	-14.14	-11.02	-12.49	-16.43	-13.25	-6.63	-12.27	-7.65	-1.24	0.61	1.73	-0.27	-1.85	-1.35	-1.51	3.3	-0.63	-3.2	0.54	1.27	0.6	-0.32	-2.74	-4.79	-6.88	-8.18	-8.28	-3.77	-6.53	-17.32	-23.31	-18.91	-24.49	-16.43	-16.65	-21.41	
80	-16.4	-19.05	-16.54	-26.78	-17.15	-28.03	-8.61	-8.21	-7.36	-1.19	0.98	3.18	2.13	-7.17	0.54	1.93	-4.21	-1.66	-8.61	-2.01	0.88	0.28	-0.62	-4.85	-12.39	-10.11	-2.3	-2.28	-4.67	-10.24	-9.74	-11.02	-18.51	-11.44	-11.42	-15.4	-15.4	
90	-15.08	-15.66	-12.42	-16.88	-13.98	-11.29	-8.88	-5.8	-6.81	-1.42	0.46	2.46	1.82	-3.35	-1.94	1.94	2.95	-1.51	-17.3	-6.62	-2.42	-0.73	-2.27	-10.54	-13.77	-8.63	-4.65	-7.55	-4.37	-3.88	-6.76	-5.77	-8.38	-14.96	-12.17	-11.6	-14.49	
100	-23.13	-17.67	-10.67	-10.5	-8.96	-6.95	-5.45	-6.05	-8	-0.66	-0.39	4.74	-11	-6.26	-1.94	-0.45	-0.44	-4.36	-14.5	-7.31	2.92	-2.08	-4.77	-9.47	-8.67	-4.81	-3.94	-11.53	-4.67	-3.78	-7.21	-4.73	-5.73	-10.62	-12.62	-12.75	-22.11	
110	-22.72	-13.63	-9.75	-11.4	-7.92	-4.76	-4.57	-6.11	-3.98	-2.97	-0.02	-3.79	-0.43	-2.8	-4.54	-5.18	-8.35	-10	-11.49	-4.66	-1.49	-1.5	-2.89	-5.38	-6.33	-4.89	-5.61	-4.88	-4.07	-5.85	-8.78	-7.12	-7.99	-12.16	-12.89	-14.64	-22.38	
120	-12.73	-11.73	-10.22	-16.91	-11.16	-4.72	-3.82	-2.92	-6.54	-10.71	-6.7	-2.32	2	-15.25	-4.44	-6.95	-10.97	-11.38	-5.99	-3.99	-1.61	-2.14	-3.68	-6.08	-10.03	-8.76	-6.69	-3.85	-4.57	-8.1	-5.67	-6.78	-11.15	-10.8	-8.63	-9.05	-12.23	
130	-12.48	-13.82	-10.09	-12.25	-8.05	-3.34	-6.18	-13.84	-12.85	-3.66	-4.49	-11.43	-7.45	-7.04	-14.14	-19.42	-10.58	-7.77	-6.44	-6.94	-9.58	-13.24	-13.22	-15.83	-10.25	-5.49	-9.24	-10.88	-5.49	-5.5	-9.47	-10.19	-8.54	-8.41	-12.27			
140	-12.1	-12.25	-10.46	-11.3	-11.84	-6.35	-3.23	-3.69	-7.63	-14.27	-24.39	-6.69	5.72	-6.59	-14.8	-23.04	-21.84	-27.38	-17.45	-12.65	-10.93	-11.38	-13.63	-16.09	-24.32	-13.92	-7.95	-8.63	-8.15	-6.78	-7.51	-9.23	-9.88	-8.9	-8.08	-9.38	-12.73	
150	-14.87	-12.69	-11.78	-10.93	-11.1	-11.67	-11.4	-11.21	-11.67	-15.84	-18.79	-12.11	9.04	-9.02	-9.23	-9.23	-9.97	-10.84	-11.62	-11.27	-13.88	-17.08	-21.82	-18.38	-15.71	-16.54	-15.97	-11.02	-8.4	-9.22	-11.94	-14.2	-14.39	-13.44	-14.31	-15.13	-14.3	
160	-12.22	-10.64	-9.56	-10.51	-12.72	-14.75	-18.54	-11.28	-9.71	-10.82	-12.28	-12.63	-11.39	-9.13	-7.5	-7.03	-7.58	-8.25	-10.09	-11.2	-12.62	-19.49	-23.13	-16.39	-13.94	-13.41	-14.46	-15.99	-15.77	-15.52	-15.52	-16.6	-18.68	-18.88	-15.2	-15.2		
170	-10.89	-10.53	-10.93	-12.55	-16.12	-21.64	-23.64	-21.58	-11.01	-15.33	-13.48	-14.4	-17.98	-24.2	-30.78	-26.02	-23.9	-21.1	-20.81	-19.66	-18.28	-16.41	-15.8	-16.43	-16.93	-16.81	-17.23	-17.34	-17.46	-18.18	-19.04	-20.04	-21.1	-20.16	-16.87	-13.64	-11.98	-11.09
180	-25.95	-21.21	-18.91	-17.15	-15.97	-15.71	-16.98	-11	-11.3	-23.38	-22.92	-23.99	-27.8	-30.73	-25.71	-22.51	-21.1	-20.93	-20.22	-20.15	-20.18	-20.01	-19.66	-19.23	-18.99	-18.08	-16.89	-15.51	-15.09	-15.09	-16.19	-18.43	-20.2	-22.88	-28.23	-22.65	-26.34	



Phi ( V )		Phi ( deg. )																																						
Phi ( deg. )	Phi ( deg. )	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360		
0	-17.94	-20.46	-23.12	-20.23	-16.84	-15.3	-13.71	-12.14	-11.1	-10.35	-10	0.57	0.26	0.26	0.63	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73		
10	-17.14	-15.99	-16.19	-16.64	-16.11	-14.63	-12.87	-11.14	-9.62	-8.48	-7.36	-6.38	-5.52	-5.27	-5.62	-6.08	-6.61	-7.19	-7.89	-8.69	-9.51	-10.33	-11.19	-12.03	-12.89	-13.74	-14.54	-15.25	-11.19	-10.23	-10.09	-10.65	-11.64	-12.94	-15.09	-18.2	-19.78	-19.44	-17.02	
20	-14.33	-11.32	-9.78	-9.35	-9.09	-8.64	-7.87	-7.1	-6.77	-5.61	-4.19	-3.13	-2.43	-2.43	-3.48	-4.2	-5.54	-6.73	-8.24	-10.01	-12.44	-15.82	-19.94	-24.97	-30.95	-37.89	-45.78	-54.61	-64.39	-75.12	-86.81	-99.45	-113.04	-127.57	-143.04	-159.45	-176.81	-195.12		
30	-12.28	-11.29	-8.17	-5.91	-4.59	-3.85	-3.34	-3.84	-4.73	-4.56	-3.11	-2.36	-2.08	-2.49	-4.17	-8.7	-17.85	-34.11	-60.65	-75.1	-62.9	-45.9	-27.22	-8.72	-9.48	-7.49	-5.83	-4.34	-3.8	-8.53	-14.47	-20.6	-27.77	-34.24	-41.11	-48.29	-55.78	-63.57	-71.66	-80.06
40	-10.68	-13.67	-9.58	-5.49	-2.91	-1.58	-0.4	-0.81	-1.03	-4.03	-3.55	-3.76	-3.28	-2.27	-3.47	-7.68	-14.73	-24.38	-42.61	-61.34	-79.2	-96.1	-112.04	-127.01	-141.01	-155.01	-169.01	-183.01	-197.01	-211.01	-225.01	-239.01	-253.01	-267.01	-281.01	-295.01	-309.01	-323.01		
50	-9.94	-10.4	-10.11	-6.52	-3.11	1.74	-0.72	-0.46	-1.39	-2.73	-4.81	-7.52	-5.69	-1.18	-1.02	-4.65	-8.93	-17.49	-35.54	-58.8	-86.2	-117.6	-153.0	-192.4	-234.8	-280.2	-328.6	-379.0	-431.4	-485.8	-542.2	-600.6	-661.0	-724.4	-790.8	-860.2	-932.6	-1008.0	-1086.4	
60	-8.57	-9.81	-10.31	-4.87	-1.1	0.32	0.08	-1.25	-1.87	-2.49	-4.66	-8	-6.35	-1.83	-0.96	-4.87	-11.73	-22.87	-40.19	-53.39	-72.3	-103.9	-139.2	-188.0	-249.2	-322.8	-408.8	-507.2	-618.0	-742.2	-889.6	-1060.2	-1254.0	-1470.8	-1719.6	-2000.4	-2314.2	-2671.0	-3071.8	
70	-6.54	-4.88	-7.14	-4.91	-0.99	1.3	1.86	0.47	-1.57	-2.76	-3.35	-4.2	-5.38	-6.76	-2.92	-5.74	-11.8	-22.53	-37.6	-49.6	-1.47	-1.04	-2.12	-5.33	-7.26	-6.09	-6.14	-8.87	-9.4	-9.01	-12.16	-18.27	-33.74	-60.63	-83	-6.35	-4.41			
80	-5.98	-2.18	-2.75	-2.29	-1.04	0.61	2.74	2.89	1.7	-1.01	-1.69	-1.28	-2.15	-3.51	-3.28	-5.11	-12.93	-15.54	-9.25	-9.97	-3.82	-2.45	-5.22	-8.41	-9.43	-6.53	-5.23	-10.32	-13.92	-11.42	-10.43	-15.98	-31.3	-41.68	-31.3	-19.94	-18.73	-17.91	-14.42	
90	-8.29	-4.94	-3.22	-0.81	0.42	2.64	2.99	1.21	0.59	0.4	-1.97	-4.12	-5.18	-4.01	-4	-10.79	-13.94	-7.59	-11.88	-10.29	-12.99	-11.59	-12.48	-15.29	-18.49	-16.53	-5.84	-9.15	-11	-18.73	-19.52	-11.42	-7.64	-11.52	-16.62	-13.71	-8.01			
100	-9.83	-7.69	-3.65	-0.66	0.89	2.09	3.08	2.68	0.17	-1.53	0.77	0.02	-2.47	-4.45	-5.62	-8.28	-6.63	-6.02	-8.21	-11.24	-10.84	-8.9	-8.46	-8.3	-8.43	-9.23	-8.24	-8.77	-9.26	-17.86	-11.78	-8.31	-8.7	-14.21	-20.35	-11.58	-9.2			
110	-7.21	-6.03	-5.13	-3.17	0.05	2.22	2.93	3.01	0.24	-2.98	-1.85	-1.11	-1.13	-4.02	-7.33	-10.41	-7.51	-5.91	-7.11	-9.93	-11.88	-10.1	-8.22	-8.26	-10.35	-12.82	-8.9	-8.63	-14.42	-20.04	-11.09	-7.24	-10.91	-21.08	-17.98	-10	-7.31			
120	-4.42	-3.31	-2.42	-1.08	-1.23	0.55	0.92	0.61	-1.73	-3.13	-2.62	-4.09	-5.46	-7.26	-12.01	-17.13	-9.99	-5.99	-5	-5.33	-6.09	-8.87	-10.02	-10.94	-10.93	-8														



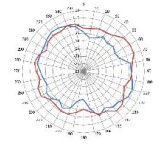
Theta (H)																																						
Theta (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	
0	-4.58	-3.19	-2.11	-1.42	-1.07	-0.78	-0.59	-0.45	-0.33	-0.23	-0.16	-0.11	-0.08	-0.06	-0.04	-0.03	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	-14.45	-12.72	-11.02	-9.71	-8.60	-7.69	-6.97	-6.43	-6.03	-5.73	-5.50	-5.33	-5.21	-5.13	-5.08	-5.04	-5.02	-5.01	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
20	-13.24	-14.24	-15.05	-15.14	-13.98	-11.86	-9.95	-8.08	-6.76	-5.23	-3.00	-2.11	-1.28	-0.64	-0.31	-0.16	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	-12.51	-11.63	-10.72	-10.71	-11.60	-13.00	-14.28	-14.98	-14.81	-13.81	-12.28	-10.74	-9.24	-8.05	-7.20	-6.59	-6.17	-5.90	-5.73	-5.64	-5.61	-5.61	-5.61	-5.61	-5.61	-5.61	-5.61	-5.61	-5.61	-5.61	-5.61	-5.61	-5.61	-5.61	-5.61	-5.61	-5.61	-5.61
40	-20.34	-28.03	-16.42	-14.32	-25.36	-12.13	-7.11	-7.73	-9.96	-13.20	-9.79	-8.50	-9.51	-7.93	-7.72	-6.91	-5.46	-4.51	1.25	2.22	2.54	2.04	0.2	-3.54	-8.41	-9.72	-12.08	-10.51	-9.94	-12.41	-15.27	-13.18	-13.67	-15.84	-15.31	-14.09	-18.70	
50	-12.71	-23.85	-20.01	-15.21	-23.37	-14.41	-8.64	-5.99	-6.06	-17.09	-17.83	-13.58	-18.34	-14.62	-11.25	-8.68	-5.53	-2.29	0.11	1.6	2.02	1.59	-0.66	-3.4	-5.45	-5.4	-6.03	-7.75	-12.03	-13.96	-19.83	-14.08	-14.15	-12.12	-9.09	-9.39	-12.82	
60	-18.08	-22.27	-12.14	-8.18	-10.27	-17.16	-17.75	-6.14	-6.28	-14.43	-8.89	-9.51	-7.0	-13.9	-7.48	-3.52	-2.23	-2.03	-1.63	4.03	-1.46	-4.34	-7.1	-8.1	-5.3	-4.26	-6.28	-10.7	-29.23	-17.03	-9.73	-10.17	-18.75	-17.52	-14.37	-17.69		
70	-4.64	-9.99	-26.96	-13.71	-9.1	-11.24	-14.88	-11.28	-10.83	-10.84	-3.92	-7.51	-5.11	-15.26	-16.53	-6.01	-3.38	-2.09	-3.1	-3.01	-2.14	-4.68	-14.76	-6.84	-4.44	-6.13	-5.51	-3.25	-7.64	-20.1	-8.23	-9.33	-11.51	-14.09	-5.52	-3.25	-4.75	
80	-6.01	-5.47	-22.25	-8.76	-8.52	-7.4	-9.3	-11.50	-19.75	-7.11	-2.72	-3.28	-7.34	-13.25	-4.91	-5.69	-3.11	-1.3	-3.11	-4.1	-4.68	-6.38	-9.4	-6.62	-4.51	-5.41	-5.70	-1.19	-5.88	-17.72	-4.07	-7.2	-13.93	-8.43	-1.06	1.08	-0.10	
90	1.87	-3.11	-11.31	-5.18	-5.08	-3.47	-3	-8.33	-19.02	-2.1	-2.85	-2.89	-10.18	-12.29	-9.75	-9.33	-9.09	-5.09	-6.76	-10.48	-9.3	-6.53	-4.42	-3.57	-9.48	-5.44	-1.69	-1.35	-6.86	-11.39	-3.26	-5.09	-25.52	-4.75	0.41	2.4	2.05	
100	0.79	-3.24	-13.03	-9.57	-3.36	-3.34	-1.27	-10.83	-11.18	-1.95	-7.41	-11.51	-9.98	-7.33	-6.47	-12.22	-22.20	-11.75	-10.08	-7.38	-6.63	-8.08	-5.76	-4.43	-17.37	-13.72	0.55	0.51	-4.13	-4.41	-6.56	-5.17	-15.3	-2.21	1.18	2.02	0.76	
110	2.29	-0.89	-7.85	-13.64	-5.23	-2.24	-3.13	-11.95	-12.74	-8.13	-9.55	-16.69	-10.47	-23.96	-8.34	-5.28	-11.69	-16.83	-8.98	-7.07	-5.84	-2.2	-2.97	-11.24	-10.44	-34.84	1.21	1.06	-9.83	-5.55	-4.08	-3.64	-7.77	-1.69	2.18	3.01	2.11	
120	1.71	-0.39	-5.45	-25.11	-7.94	-3.44	-2.03	-3.21	-9.2	-12.11	-7.62	-28.45	-14.62	-19.17	-22.3	-10.07	-9.21	-12.63	-21.69	-24.77	-12.69	-6.87	-5.12	-7.02	-9.53	-15.59	0.21	-0.66	-8.20	-4.31	-1.98	-4.52	-5.48	-6.94	1.6	2.57	1.66	
130	1.15	0.34	-1.83	-8.54	-27.11	-6.72	-1.43	-4.4	-6.53	-13.97	-5.65	-8.3	-8.86	-6.71	-9.04	-11.82	-12.53	-10.94	-8.49	-7.28	-6.69	-6.28	-5.91	-8.34	-6.16	-2.24	-3.34	-6.33	-1.72	0	-4.91	-3.39	-4.18	-1.6	0.41	0.85	1.21	
140	-0.9	-1.08	-2.07	-3	-17.77	-12.22	-9.34	-8.28	-9.61	-16.66	-10.12	-6.1	-1.47	-4.55	-14.41	-11.27	-9.97	-11.41	-11.70	-13.46	-17.34	-15.91	-13.62	-9.84	-6.04	-7.0	-15.28	-15.48	-2.51	0.26	0.78	0.5	-0.23	0	-0.37	-0.82	-0.69	
150	-6.05	-3.93	-4.01	-4.93	-6.98	-9.51	-11.59	-13.25	-16.06	-12.22	-6.3	-4.81	-15.01	-13.25	-9.83	-9.4	-11.05	-14.42	-16.53	-18.13	-20.7	-20.88	-14.23	-23.04	-13.81	-8.13	-5.83	-5.8	-4.69	-2.22	-1.74	-2.24	-3.78	-4.4	-5.11	-5.31	-4.7	
160	-3.1	-2.3	-2.93	-4.98	-8.21	-13.77	-20.34	-12.52	-13.2	-16.88	-16.47	-19.04	-27.1	-14.64	-12.4	-14.73	-12.88	-10.4	-9.54	-9.72	-10.68	-12.95	-11.46	-8	-5.82	-4.82	-4.03	-4.1	-5.45	-5.98	-5.57	-4.59	-3.14	-2.1	-2.9	-3.09	-2.66	
170	-7.66	-6.3	-7.42	-8.14	-9.73	-14.75	-15.62	-11.8	-10.18	-11.08	-13.75	-18.9	-12.36	-13.08	-13.53	-13.24	-12.63	-11.0	-11.4	-12.86	-15.87	-19.46	-22.04	-26.04	-31.71	-21.19	-14.1	-10.33	-8.68	-8.3	-9.98	-11.5	-11.58	-11.52	-11	-8.46	-7.29	
180	-14.24	-14.64	-15.55	-16.13	-15.64	-16.49	-17.21	-16.92	-15.87	-14.85	-14.85	-14.85	-13.89	-13.89	-13.89	-13.07	-12.09	-12.14	-13.19	-15.71	-18.05	-23.77	-25.05	-23.7	-24.98	-30.53	-30.09	-29.84	-28.11	-18.62	-15.67	-14.77	-14.44	-14.11	-13.58	-14.13	-14.13	-13.81



Phi (V)																																					
Phi (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360
0	-5.22	4.74	6.52	6.71	14.32	23.17	17.08	10.23	-6.83	4.41	2.82	2.01	1.74	1.38	1.18	1.03	0.91	0.81	0.73	0.65	0.58	0.51	0.44	0.37	0.3	0.23	0.16	0.1	0.03	-0.04	-0.11	-0.18	-0.25	-0.32	-0.39	-0.46	-0.53
10	-5.02	-8.16	-9.11	-10.44	-12.12	-14.67	-20.01	-14.3	-9.07	-4.63	-1.76	0.02	0.99	1.43	1.3	0.5	-0.48	-2.59	-5.12	-8.38	-9.83	-8.57	-7.18	-6.46	-5.72	-5.59	-5.74	-7.62	-7.83	-7.51	-7.61	-7.62	-8.14	-8.66	-7.85	-7.88	
20	-8.05	-9.45	-10.34	-12.62	-15.53	-18.38	-25.11	-19.18	-13.96	-8.9	-4.4	-2.17	-0.97	-1.14	-2.3	-5	-10.1	-16.11	-22.47	-4.27	-2.1	-0.75	-0.13	0.17	-0.81	-2.05	-3.33	-5.09	-7.16	-8.21	-8.36	-8.18	-8.52	-8.74	-8.4	-7.74	
30	-6.1	-7.25	-7.28	-6.29	-4.44	-3.08	-14.54	-16.38	-10.38	-7.47	-7.07	-6.66	-7.11	-6.98	-5.53	-4.21	-4.86	-8.33	-17.77	-10.91	-4.35	-0.99	0.8	1.34	0.96	-0.29	-2.12	-4.51	-6.76	-8.13	-9.08	-12.13	-10.67	-8.07	-6.09	-5.72	-6.69
40	-3.97	-4.73	-4.74	-4.33	-3.93	-3.74	-8.83	-17.58	-11.62	-8.91	-1.08	-1.99	-5.68	-6.29	-4.43	-4.01	-3.59	-9.89	-14.67	-11.84	-5.84	-2.95	-0.99	0.33	0.63	-0.3	-1.86	-3.8	-4.47	-6.38	-7.4	-8.38	-11.4	-9.76	-8.09	-7.76	-8.58
50	-3.44	-1.84	-2.28	-1.98	-2.01	-3.03	-5.89	-12.60	-9.91	-3.47	-3.98	-5.04	-3.68	-2.59	-7.32	-5.71	-2.86	-4.35	-10.19	-11.48	-5.12	-1.69	-0.34	-0.49	0.63	4.09	-3.75	-9.07	-6.84	-8.52	-9.02	-4.53	-1.05	0.04	-0.11	0.86	-1.72
60	-0.88	-1.39	-3.5	-4.67	-4.42	-4.12	-9.21	-18.95	-16.46	-8.43	-6.11	-3.33	-0.81	-1.63	-3.62	-3.44	-1.95	-5.61	-12.54	-15.35	-8.36	-4.37	-2.33	-1.67	2.23	-3.73	-8.77	-7.89	-2.54	-2.65	-4.58	-2.49	0.06	1.06	0.1	-0.16	-0.93
70	-1.1	-3.03	-6.61	-8.78	-7.81	-6.52	-11.87	-10.85	-14.24	-17.23	-9.3	-7.97	-11.98	-4.11	-0.28	-1.18	-3.01	-5.87	-12.69	-22.48	-14.49	-10.19	-6.77	-3.18	-0.95	-2.35	-3.62	-2.74	-5.26	-2.91	-0.83	-1.35	-1.34	-1.1	-1.18	-1.18	
80	-2.23	-5.69	-10.01	-9.63	-6.83	-5.99	-4.4	-11.11	-18.91	-13.22	-9.73	-8.28	-3.57	-0.54	-0.66	-2.1	-3.69	-8.8	-14.51	-21.82	-17.45	-9.19	-2.22	0.91	0.6	-2.05	-2.74	-3.33	-6.16	-1.76	2.28	1.61	0.55	0.84	-0.28	-1.42	-0.45
90	-3.62	-8.53	-13.29	-9.93	-8.92	-6.06	-20.13	-12.56	-19.28	-17.47	-16.12	-14.22	-4.14	-3.89	-5.69	-2.62	-1.21	-2.54	-11.29	-21.0	-7.84	-18.38	-7.01	0.69	0.25	-1.34	-1.07	0.69	0.07	2.03	1.38	-3.3	2.03	-2.1	-2.36	-2.36	
100	-6.31	-8.35	-8.64	-7.34	-8.1	-11.16	-16.15	-16.04	-9.96	-13.05	-14.23	-13.15	-22.47	-5.08	-7.58	-5.97	-5.53	-12.08	-20.95	-11.3	-10.09	-13.48	-7.15	-0.68	1.57	2.3	1.96	0.46	1.34	3.25	1.45	1.57	-2.36	-4.71	-4.81	-4.83	-6.19
110	-12.45	-21.12	-9.21	-7.01	-7.97	-13.32	-17.67	-21.19	-10.73	-19.91	-16.63	-10.67	-20.8	-7.19	-5.25	-20.11	-14.13	-11.79	-10.62	-12.77	-15.76	-10.95	-6.13	-3.97	-2.63	1.15	2.08	0.36	-1.4	2.36	2.14	-1.25	-3.54	-2.47	-2.21	-5.07	-12.03
120	-5.09	-9.88	-10.77	-9.18	-11.4	-10.69	-5.22	-5.54	-19.96	-4.77	-11.59	-16.27	-9.52	-14.99	-7.82	-10.83	-11.37	-11.28	-10.33	-15.81	-18.14	-14.29	-9.38	-5.31	0.84	2.41	3.06	0.93	3.2	3.42	-2.03	-6.23	-2.01	-0.73	-1.57	-4.05	
130	-5.41	-8.53	-10.14	-13.2	-14.70	-11.28	-7.55	-5.79	-7.46	-9.58	-10.61	-9.09	-14.13	-9.15	-7.91																						

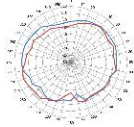
Theta ( H )																																																																																																																																																																																																																																																																																																																													
Theta ( deg )	Phi ( deg )	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360																																																																																																																																																																																																																																																																																							
0	-110	-15.50	-21.82	-28.74	-36.74	-45.30	-53.90	-62.00	-69.10	-75.70	-81.30	-86.40	-90.50	-94.20	-97.10	-99.00	-100.00	-100.00	-99.00	-97.10	-94.20	-90.50	-86.40	-81.30	-75.70	-69.10	-62.00	-53.90	-45.30	-36.74	-28.74	-21.82	-15.50	-9.71	-6.00	-3.10	-1.30																																																																																																																																																																																																																																																																																								
10	-13.57	-17.51	-21.72	-26.08	-30.43	-34.53	-38.14	-41.14	-43.43	-44.90	-45.50	-45.10	-43.70	-41.30	-37.90	-33.50	-28.10	-21.70	-14.30	-5.90	3.50	13.50	21.00	25.90	28.10	27.50	24.10	18.80	12.60	6.50	1.50	-3.10	-8.40	-13.50	-18.40	-23.00	-27.30	-31.30	-34.90	-38.10	-40.80	-43.00																																																																																																																																																																																																																																																																																			
20	-14.11	-27.67	-33.51	-39.76	-46.10	-52.10	-57.50	-62.00	-65.40	-67.50	-68.10	-67.10	-64.50	-60.30	-55.50	-50.10	-44.10	-37.50	-30.30	-22.50	-14.10	-5.10	4.50	13.50	20.00	24.10	25.90	23.50	18.80	12.60	6.50	1.50	-3.10	-8.40	-13.50	-18.40	-23.00	-27.30	-31.30	-34.90	-38.10	-40.80	-43.00																																																																																																																																																																																																																																																																																		
30	-14.12	-31.73	-37.99	-44.74	-51.50	-57.90	-63.60	-68.40	-72.10	-73.50	-73.30	-71.50	-68.10	-63.10	-57.50	-51.30	-44.50	-37.10	-29.10	-20.50	-11.30	-1.50	8.10	15.50	21.00	24.10	24.10	20.00	14.10	8.40	3.10	-1.50	-6.50	-11.30	-15.90	-20.30	-24.40	-28.10	-31.30	-34.00	-36.30	-38.10	-39.40	-40.20	-40.50																																																																																																																																																																																																																																																																																
40	-11.88	-22.27	-28.21	-34.00	-40.40	-47.00	-53.50	-59.60	-65.10	-69.80	-73.50	-76.10	-77.50	-77.50	-76.10	-73.50	-69.80	-65.10	-59.60	-53.50	-47.00	-40.40	-34.00	-28.21	-22.27	-16.80	-10.80	-5.30	0.70	6.50	12.60	18.10	23.00	27.30	31.30	34.90	38.10	40.80	43.00	44.30	44.60	43.90	42.20	39.50																																																																																																																																																																																																																																																																																	
50	-11.01	-22.36	-28.41	-34.44	-40.90	-47.60	-54.10	-60.20	-65.70	-70.30	-73.90	-76.40	-77.70	-77.60	-76.40	-73.90	-70.30	-65.70	-60.20	-54.10	-47.60	-40.90	-34.44	-28.41	-22.36	-16.80	-10.80	-5.30	0.70	6.50	12.60	18.10	23.00	27.30	31.30	34.90	38.10	40.80	43.00	44.30	44.60	43.90	42.20	39.50																																																																																																																																																																																																																																																																																	
60	-12.48	-25.10	-31.57	-38.08	-44.90	-51.70	-58.10	-63.90	-69.00	-73.20	-76.40	-78.50	-79.40	-79.00	-77.50	-75.00	-71.50	-67.00	-61.50	-55.00	-47.50	-40.00	-32.50	-25.00	-17.50	-10.00	-2.50	4.00	9.50	15.00	20.50	25.50	30.00	34.00	37.50	40.50	42.50	43.50	43.50	42.50	40.50	37.50	34.00	30.00																																																																																																																																																																																																																																																																																	
70	-12.24	-28.59	-35.21	-41.84	-48.80	-55.70	-62.20	-68.10	-73.20	-77.30	-80.30	-82.10	-82.60	-81.80	-80.00	-77.30	-73.20	-68.10	-62.20	-55.70	-48.80	-41.84	-34.80	-27.80	-20.80	-13.80	-6.80	0.20	5.50	10.50	15.50	20.50	25.00	29.00	32.50	35.50	38.00	39.50	40.00	39.50	38.00	35.50	32.50	29.00	25.00																																																																																																																																																																																																																																																																																
80	-5.91	-26.68	-32.62	-38.59	-44.90	-50.80	-56.10	-60.70	-64.50	-67.40	-69.20	-69.80	-69.10	-67.20	-63.70	-59.60	-55.00	-49.90	-44.30	-38.20	-31.60	-24.50	-17.00	-9.10	-0.10	7.50	13.50	19.00	23.50	27.50	31.00	34.00	36.50	38.50	39.50	39.50	38.50	36.50	34.00	31.00	27.50	23.50	19.00	13.50																																																																																																																																																																																																																																																																																	
90	-6.51	-26.62	-32.68	-38.64	-44.61	-50.60	-56.00	-60.70	-64.50	-67.40	-69.20	-69.80	-69.10	-67.20	-63.70	-59.60	-55.00	-49.90	-44.30	-38.20	-31.60	-24.50	-17.00	-9.10	-0.10	7.50	13.50	19.00	23.50	27.50	31.00	34.00	36.50	38.50	39.50	39.50	38.50	36.50	34.00	31.00	27.50	23.50	19.00	13.50																																																																																																																																																																																																																																																																																	
100	-2.59	-26.02	-31.99	-37.93	-43.90	-49.70	-55.20	-60.30	-64.90	-68.70	-71.60	-73.50	-74.30	-73.90	-72.40	-69.80	-66.20	-61.60	-57.00	-52.40	-47.80	-43.20	-38.60	-34.00	-29.40	-24.80	-20.20	-15.60	-11.00	-6.40	-1.80	2.80	7.20	11.20	14.70	17.70	20.20	22.20	23.70	24.70	25.20	25.20	24.70	22.20	20.20	17.70																																																																																																																																																																																																																																																																															
110	-4.87	-23.81	-29.83	-35.80	-41.70	-47.30	-52.50	-57.30	-61.70	-65.60	-69.00	-71.90	-74.30	-76.10	-77.30	-77.00	-75.40	-72.70	-69.00	-64.30	-59.60	-54.90	-50.20	-45.50	-40.80	-36.10	-31.40	-26.70	-22.00	-17.30	-12.60	-7.90	-3.20	1.50	5.50	9.50	13.00	16.00	18.50	20.50	22.00	23.00	23.50	23.50	23.00	22.00	20.50																																																																																																																																																																																																																																																																														
120	-2.83	-22.21	-28.23	-34.20	-40.10	-45.80	-51.20	-56.20	-60.80	-64.90	-68.50	-71.60	-74.10	-76.00	-77.30	-77.10	-75.60	-72.90	-69.20	-64.50	-59.80	-55.10	-50.40	-45.70	-41.00	-36.30	-31.60	-26.90	-22.20	-17.50	-12.80	-8.10	-3.40	1.30	5.00	8.50	11.50	14.00	16.00	17.50	18.50	19.00	19.00	18.50	17.50	16.00	14.00																																																																																																																																																																																																																																																																														
130	-5.59	-23.55	-29.58	-35.55	-41.40	-47.00	-52.30	-57.20	-61.70	-65.70	-69.20	-72.20	-74.70	-76.60	-77.90	-77.70	-76.20	-73.50	-69.80	-65.10	-60.40	-55.70	-51.00	-46.30	-41.60	-36.90	-32.20	-27.50	-22.80	-18.10	-13.40	-8.70	-4.00	0.70	4.50	7.50	10.00	12.00	13.50	14.50	15.00	15.00	14.50	13.50	12.00	10.00																																																																																																																																																																																																																																																																															
140	-5.88	-23.76	-29.79	-35.76	-41.60	-47.20	-52.50	-57.40	-61.90	-65.90	-69.40	-72.40	-74.90	-76.80	-77.10	-75.60	-72.90	-69.20	-64.50	-59.80	-55.10	-50.40	-45.70	-41.00	-36.30	-31.60	-26.90	-22.20	-17.50	-12.80	-8.10	-3.40	1.30	4.80	7.80	10.30	12.30	13.80	14.80	15.30	15.30	14.80	13.80	12.30	10.30	8.30																																																																																																																																																																																																																																																																															
150	-5.88	-23.76	-29.79	-35.76	-41.60	-47.20	-52.50	-57.40	-61.90	-65.90	-69.40	-72.40	-74.90	-76.80	-77.10	-75.60	-72.90	-69.20	-64.50	-59.80	-55.10	-50.40	-45.70	-41.00	-36.30	-31.60	-26.90	-22.20	-17.50	-12.80	-8.10	-3.40	1.30	4.80	7.80	10.30	12.30	13.80	14.80	15.30	15.30	14.80	13.80	12.30	10.30	8.30																																																																																																																																																																																																																																																																															
160	-6.31	-23.86	-29.89	-35.86	-41.70	-47.30	-52.60	-57.50	-62.00	-66.00	-69.50	-72.50	-75.00	-76.90	-77.20	-75.70	-73.00	-69.30	-64.60	-59.90	-55.20	-50.50	-45.80	-41.10	-36.40	-31.70	-27.00	-22.30	-17.60	-12.90	-8.20	-3.50	1.20	4.70	7.70	10.20	12.20	13.70	14.70	15.20	15.20	14.70	13.70	12.20	10.20	8.20																																																																																																																																																																																																																																																																															
170	-13.52	-35.27	-41.27	-47.27	-53.27	-59.27	-65.27	-71.27	-77.27	-83.27	-89.27	-95.27	-101.27	-107.27	-113.27	-119.27	-125.27	-131.27	-137.27	-143.27	-149.27	-155.27	-161.27	-167.27	-173.27	-179.27	-185.27	-191.27	-197.27	-203.27	-209.27	-215.27	-221.27	-227.27	-233.27	-239.27	-245.27	-251.27	-257.27	-263.27	-269.27	-275.27	-281.27	-287.27	-293.27	-299.27	-305.27																																																																																																																																																																																																																																																																														
180	-21.21	-16.29	-11.68	-8.54	-6.11	-4.41	-3.11	-2.11	-1.31	-0.61	-0.31	-0.11	-0.01	0.01	0.11	0.31	0.61	1.11	1.81	2.81	4.11	5.81	8.11	11.11	14.81	19.31	24.61	30.71	37.61	45.31	53.81	63.11	73.21	84.01	95.51	107.71	120.61	134.21	148.51	163.51	179.11	195.31	212.11	229.51	247.51	266.11	285.31	305.11	325.51	346.51	368.11	390.31	413.11	436.51	460.51	485.11	510.31	536.11	562.51	589.51	617.11	645.31	674.11	703.51	733.51	764.11	795.31	827.11	859.51	892.51	926.11	960.31	995.11	1030.51	1066.51	1103.11	1140.31	1178.11	1216.51	1255.51	1295.11	1335.31	1376.11	1417.51	1459.51	1502.11	1545.31	1589.11	1633.51	1678.51	1724.11	1770.31	1817.11	1864.51	1912.31	1960.51	2009.31	2058.51	2108.11	2158.31	2209.11	2260.31	2312.11	2364.51	2417.31	2470.51	2524.31	2578.51	2633.11	2688.31	2743.51	2799.31	2855.51	2912.31	2969.51	3027.31	3085.51	3144.31	3203.51	3263.11	3323.31	3383.51	3444.31	3505.51	3566.51	3628.11	3690.31	3753.11	3816.31	3880.11	3944.51	4009.31	4074.51	4140.31	4206.51	4273.31	4340.51	4408.31	4476.51	4545.31	4614.51	4684.31	4754.51	4825.31	4896.51	4968.11	5040.31	5112.51	5185.31	5258.51	5332.31	5406.51	5481.31	5556.51	5632.31	5708.51	5785.31	5862.51	5940.31	6018.51	6096.51	6175.31	6254.51	6334.31	6414.51	6495.31	6576.51	6658.11	6740.31	6822.51	6905.31	6988.51	7072.31	7156.51	7241.31	7326.51	7412.31	7498.51	7585.31	7672.51	7760.31	7848.51	7937.31	8026.51	8116.31	8206.51	8297.31	8388.51	8480.31	8572.51	8665.31	8758.51	8852.31	8946.51	9041.31	9136.51	9232.31	9328.51	9425.31	9522.51	9620.31	9718.51	9817.31	9916.51	10016.31	10116.51	10217.31	10318.51	10419.31	10520.51	10621.31	10722.51	10824.31	10926.51	11028.31	11130.51	11232.31	11334.51	11437.31	11540.51	11643.31	11746.51	11850.31	11954.51	12058.31	12162.51	12267.31	12372.51	12477.31	12582.51	12687.31	12792.51	12897.31	13002.51	13107.31	13212.51	13317.31	13422.51	13527.31	13632.51	13737.31	13842.51	13947.31	14052.51	14157.31	14262.51	14367.31	14472.51	14577.31	14682.51	14787.31	14892.51	14997.31	15102.51	15207.31	15312.51	15417.31	15522.51	15627.31	15732.51	15837.31	15942.51	16047.31	16152.51	16257.31	16362.51	16467.31	16572.51	16677.31	16782.51	16887.31	16992.51	17097.31	17202.51	17307.31	17412.51	17517.31	17622.51	17727.31	17832.51	17937.31	18042.51	18147.31	18252.51	18357.31	18462.51	18567.31	18672.51	18777.31	18882.51	18987.31	19092.51	19197.31	19302.51	19407.31	19512.51	19617.31	19722.51	19827.31	19932.51	20037.31	20142.51	20247.31	20352.51	20457.31	20562.51	20667.31	20772.51	20877.31	20982.51	21087.31	21192.51	21297.31	21402.51	21507.31	21612.51	21717.3

Theta (H)																																							
Theta (deg) \ Phi (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360		
0	-7.91	-8.13	-7.45	-6.09	-4.67	-3.32	-2.16	-1.37	-0.74	-0.39	-0.22	-0.28	-0.48	-0.93	-1.77	-3.06	-4.75	-6.95	-8.37	-7.35	-6.57	-5.02	-3.8	-2.53	-1.38	-0.66	-0.17	-0.02	-0.07	-0.27	-0.88	-1.68	-2.73	-3.95	-5.23	-6.7	-8.23		
10	-9.67	-7.46	-5.95	-5.16	-4.63	-4.28	-3.81	-3.42	-3.23	-2.98	-2.59	-2.24	-2.84	-3.57	-4.54	-6.67	-10.64	-16.64	-24.3	-3.49	-1.64	-0.42	0.68	1.23	1.32	1.16	0.58	-0.42	-1.99	-4.3	-7.41	-11.99	-17.85	-23.38	-10.18				
20	-9.66	-6.98	-5.66	-5.24	-5.7	-6.74	-8.61	-11.04	-14.16	-16.4	-17.37	-16.42	-14.74	-12.48	-9.67	-5.7	-2.45	-0.87	0.41	1.55	2.45	2.8	2.54	1.7	0.41	-0.99	-2.55	-4.42	-7.64	-13.73	-21.31	-33.21	-45.35	-59.48					
30	-11.8	-9.91	-8.87	-7.8	-7.46	-8.43	-11.62	-15.57	-20.41	-25.48	-30.48	-35.17	-39.38	-43.77	-48.11	-52.18	-55.62	-58.11	-59.42	-59.28	-57.42	-54.22	-49.22	-42.92	-35.92	-28.72	-20.92	-12.92	-4.92	3.12	10.52	17.12	22.92	27.92	32.12	35.52	38.12		
40	-13.59	-11.56	-10.1	-8.18	-7.73	-8.22	-11.41	-15.66	-20.91	-26.48	-31.91	-36.81	-41.11	-44.54	-47.01	-48.31	-48.11	-46.11	-42.11	-36.11	-28.11	-18.11	-7.11	3.11	13.11	22.11	29.11	34.11	37.11	38.11	37.11	34.11	29.11	22.11	13.11	3.11	-3.11	-13.11	
50	-13.93	-11.3	-9.76	-7.81	-7.11	-7.81	-11.24	-15.89	-21.66	-27.41	-32.81	-37.41	-41.11	-43.81	-45.11	-44.81	-42.81	-38.81	-32.81	-24.81	-14.81	-2.81	7.11	16.11	23.11	28.11	31.11	32.11	31.11	28.11	23.11	16.11	7.11	-2.81	-14.81	-24.81	-32.81	-37.41	-41.11
60	-13.77	-11.02	-9.28	-7.02	-6.11	-6.71	-10.51	-15.66	-21.41	-26.81	-31.81	-36.11	-39.41	-41.81	-43.11	-42.41	-39.81	-35.41	-28.41	-19.41	-9.41	2.41	11.41	19.41	24.41	27.41	28.41	27.41	24.41	19.41	11.41	2.41	-9.41	-19.41	-28.41	-36.11	-41.81	-43.11	-42.41
70	-9.88	-13.88	-18.12	-27.05	-17.3	-18.31	-12.74	-20.18	-9.74	-6.2	-7.93	-19.49	-26.63	-1.05	1.51	-5.09	-13.14	-3.3	0.3	0.95	2.01	2.13	1.91	2.41	0.87	-2.14	0.41	0.88	-1.53	-5.87	-4.71	-3	-5.16	-6.63	-6.55	-8.53			
80	-9.02	-19.82	-7.73	-3.53	-8.05	-20.87	-16.23	-12.32	-7.74	-8.07	-9.06	-14.23	-8.82	-3.37	-0.42	1.3	-4.87	-12.87	-3.55	0.55	1.29	0.27	-1.89	-1.73	1.72	2.05	-1.24	-0.35	-2.89	-5.57	-8.09	-3.93	-5.77	-13.2	-8.27	-6.06	-8.79		
90	-15.87	-11.6	-3.42	-0.92	-4.91	-15.45	-26.24	-12.55	-6.07	-5.14	-15.81	-4.92	-8.2	-1.8	0.59	0.29	-0.8	-12.99	-6.6	-2.2	-1.16	-2.83	-5.95	-4.77	0.91	1.19	-1.88	-0.05	-4.21	-8.28	-7.63	-4.17	-6.83	-23.84	-12.09	-9.3	-15.34		
100	-9.35	-21.42	-5.77	-1.82	-6.77	-10.27	-11.6	-26.27	-6.13	-1.89	-3.89	-3	-5.42	-3.34	0.57	2.47	0.55	-6.87	-10.05	-4.73	-4.2	-4.48	-3.55	-1.34	0.62	0.3	-4.16	0.02	-6.1	-11.23	-11.34	-7.77	-6.84	-14.73	-12.5	-6.99	-9.92		
110	-5.56	-6.45	-4.77	-3.8	-6.74	-12.57	-6.02	-7.16	-14.59	-6.3	-3.91	-4.82	-3.28	-1.24	1.23	-4.99	-10.03	-1.284	-6.05	-4.32	-4.84	-5.22	-4.93	-3.16	-1.63	4.28	-9.13	-7.69	-11.64	-9.53	-14.88	-9.38	-10.67	-19.53	-10.63	-6.24	-5.7		
120	-7.02	-7.93	-5.45	-3.41	-5.88	-5.87	-4.53	-6.3	-2.66	-5.38	-2	-1.4	-4.25	-2.24	-0.66	-3.98	-15.14	-11.64	-4.84	-2.73	-2.52	-3.77	-10.53	-13.85	-7.99	-6.75	-11.62	-13.28	-15.64	-8.3	-9.55	-8.13	-9.93	-19.2	-10.38	-7.14	-7.03		
130	-10.5	-12.48	-8.39	-5.05	-7.73	-11.67	-6.1	-6.89	-3.78	-0.78	-0.77	-0.34	-2.48	-0.62	0.02	-2.62	-9.23	-28.93	-10.02	-5.63	-4.34	-4.84	-6.88	-12.02	-16.59	-13.05	-12.59	-7.71	-9.37	-8.87	-10.77	-9.12	-6.12	-7.87	-11.34	-11.22	-10.52		
140	-11.38	-11.85	-7.13	-4.82	-8.16	-12.48	-1.31	0.73	-0.3	-0.62	-3.48	-6.87	-2.73	0.23	0.84	-0.59	-3.87	-9.16	-14.75	-14.07	-11.25	-11.98	-15.13	-7.99	-6.96	-9.31	-9.31	-6.7	-11.05	-13.88	-19.37	-24.74	-17.4	-10.62	-8.64	-8.81	-11.45		
150	-16.49	-16	-14.92	-15.17	-17.77	-13.48	-6.81	-2.52	-1.13	-2.45	-5.93	-9.23	-8.02	-4.48	-2.37	-2.16	-3.28	-4.64	-5.45	-5.91	-7.77	-11.34	-23.43	-14.62	-8.35	-7.77	-12.63	-21.3	-12.25	-12.57	-11.09	-7.09	-4	-6.3	-8.48	-12.3	-16.52		
160	-11.59	-12.67	-14.98	-20.98	-12.27	-6.18	-4.68	-3.96	-3.98	-2.09	-0.87	-1.6	-4.16	-7.45	-10.84	-14.27	-18.25	-15.84	-11.3	-21.18	-22.63	-11.32	-7.88	-7.3	-8.34	-9.82	-9.91	-10.13	-10.51	-11.25	-13	-14.29	-10.2	-8.77	-9.25	-10.62	-11.27		
170	-25.77	-24.95	-20.13	-15.87	-12.82	-10.41	-8.77	-8.38	-8.01	-10.8	-12.03	-11.73	-12.8	-15.34	-18.37	-20.85	-20.46	-19.41	-19.77	-23.84	-28.14	-19.14	-13.73	-10.16	-8.41	-7.41	-7.89	-8.52	-10.34	-11.4	-13.69	-14.17	-14.66	-15.67	-18.3	-21.87	-25.16		
180	-24.23	-25.76	-21.98	-17.43	-13.84	-11.52	-9.31	-8.89	-8.52	-8.89	-6.12	-6.43	-6.67	-7.24	-8.31	-9.8	-11.73	-14.41	-16.62	-17.31	-16.34	-13.89	-11.55	-9.99	-9.12	-8.48	-8.12	-9.03	-10.52	-11.43	-11.27	-10.37	-10.52	-11.59	-13.66	-17.53	-24.2		



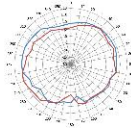
Phi (V)																																						
Theta (deg) \ Phi (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	
0	-0.71	-0.7	-0.73	-0.88	-1.21	-2.52	-3.67	-5.34	-6.8	-7.78	-7.91	-6.92	-5.62	-4.08	-2.82	-1.78	-0.94	-0.49	-0.25	-0.12	-0.2	-0.68	-1.64	-2.33	-3.26	-4.93	-6.96	-8.88	-9.26	-8.08	-5.95	-4.26	-3.74	-3.29	-2.89	-1.13	-0.88	
10	-2.93	-3.73	-4.73	-5.48	-5.92	-6.36	-7.12	-7.9	-8.42	-8.82	-8.08	-7.12	-6.04	-4.88	-3.08	-1.43	-0.1	0.68	1.19	1.41	1.24	0.65	-0.26	-1.31	-2.79	-5.08	-8.22	-11.5	-11.46	-7.9	-4.78	-3.21	-2.26	-2.06	-2.08	-2.39	-3.2	
20	-4.91	-5.85	-6.2	-5.81	-4.43	-3.55	-2.25	-0.75	-0.11	-11.02	-10.16	-9.23	-8.05	-7.19	-5.36	-1.13	0.07	0.66	1.01	1.22	1.03	0.66	0.14	-0.77	-2.55	-5.77	-10.41	-14.26	-10.74	-6.85	-4.33	-2.98	-2.36	-2.36	-3.04	-3.9	-4.72	
30	-13.6	-13.9	-11.02	-6.9	-3.65	-1.44	-0.99	-3.69	-11.57	-14.38	-13	-14.46	-11.97	-6.79	-4	-3.46	-3.21	-2.22	-1.31	-0.72	-0.44	-0.53	-0.72	-1.27	-3.23	-8.08	-16.93	-19.63	-10.9	-5.19	-3.48	-3.91	-5.78	-7.78	-9.89	-11.79	-13.63	
40	-6.78	-12.26	-20.5	-12.29	-8.61	-4.69	-1.17	-2.04	-10.31	-10.56	-9.52	-12.5	-9.41	-6.09	-3.58	-1.74	-4.53	-2.68	-1.47	-0.79	-0.79	-1.07	-2.2	-2.25	-2.87	-7.93	-20.76	-11.14	-6.63	-4.21	-4.91	-6.46	-6.49	-5.65	-4.81	-4.47	-6.64	
50	-0.66	-3.93	-10.24	-12.67	-13.33	-10.64	-4.61	-4.39	-9.76	-10.36	-6.3	-7.26	-6.82	-3.23	-1.3	-1.47	-1.03	-1.07	-1.57	-2.54	-3.44	-3.59	-3.91	-7.79	-14.49	-13.97	-7.33	4.9	-6.07	-6.17	-4.68	-2.96	-0.12	0.33	-0.43			
60	-0.99	-4.24	-7.75	-7.76	-8.76	-11.33	-6.06	-2.12	-3.83	-9.91	-10.18	-4.63	-2.1	-0.13	0.26	-1.39	-3.14	-2.84	-1.49	-1.1	-1.33	-1.44	-2.39	-3.3	-5.01	-8.86	-14.62	-12.49	-18.62	-7.88	-7.02	-6.39	-3.26	-0.21	0.81	0.46	-1.01	
70	-3.77	-6.53	-7.94	-5.49	-5.81	-10.86	-7.69	-1.43	-3.01	-8.57	-8.22	-1.03	-1.18	-0.28	0.12	-2.27	-3.45	-0.94	1.48	2.42	1.99	0.65	-1.07	-4.6	-8.39	-10.42	-13.49	-16.23	-11.87	-12.77	-11.72	-12.38	-4.64	-1	-6.75	-1.72	-3.25	
80	-11.19	-17.39	-9.04	-5.23	-5.96	-6.76	-6.99	-2.46	-3.21	-10.96	-8.75	-2.14	-3.44	-0.49	0.65	0.95	0.14	0.51	1.7	1.31	1.66	-0.43	-4.79	-8.73	-14.36	-15.75	-11.9	-10.78	-7.76	-25.29	-13.86	-11.47	-5.98	-3.06	-3.87	-6.5	-11.14	
90	-7.07	-13	-11.95	-6.92	-8.45	-7.33	-12.56	-9.07	-3.52	-6.19	-8.93	-3.82	-4.93	-4.48	-4.03	0.79	-0.52	-1.37	-0.32	0.56	-0.18	-2.43	-4.85	-6.21	-12.08	-14.43	-11.88	-10.42	-12.5	-37.07	-8.3	-5.4	-6.93	-8.66	-7.94	-6.18	-6.89	
100	-6.3	-10.07	-16.16	-11.44	-8.11	-6.87	-10.81	-11.1	-2.92	-1.3	-11.53	-6.74	-2.1	-2.95	-3.51	-2.63	-2.72	-1.47	0.66	1.85	1.64	0.08	-3.85	-8.42	-14.46	-15.38	-9.26	-2.37	-12.82	-22.57	-9.57	-6.48	-11.81	-11.54	-7	-5.3	-6.32	
110	-5.95	-9.91	-18.48	-15.64	-9.12	-7.38	-11.78	-8.76	-3.45	-3.74	-8.78	-6.63	-3.38	-3.2	-3.88	-1.94	0.36	-1.58	1.53	2.06	1.97	0.54	-2.84	-7.92	-10.01	-10.94	-11.3	-6.99	-1.6	-9.17	-17.47	-8.76	-5.14	-6.76	-11.02	-7.76	-5.3	-6.61
120	-2.2	-4.72	-10.11	-12.91	-12.01	-11.91	-16.08	-11.97	-5.67	-5.78	-10.46	-5.94	-3.37	-3.22	-5	-2.67	0.58	-2.17	2.08	0.69	-2.5	-7.38	-8.65	-12.65	-13.17	-10.16	-12.21	-6.55	-11.35	-10.24	-4.73	-2.21	-7.32	-22.73	-8.43	-3.41	-2.13	
130	0.1	-1.66	-5.92	-12.38	-9.81	-11.06	-13.34	-17.64	-6.72	-7.82	-10.47	-5.83	-4.48	-6.44	-3.73	-1.41	-0.1	-0.76	-4.47	-8.54	-9.17	-11.38	-19.19	-11.09														

Theta (H)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360		
Theta (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360		
Phi (deg.)	0	-11.7	-11.28	-11.55	-11.85	-12.84	-13.84	-14.92	-16.21	-18.18	-21.13	-21.8	-20.03	-17.27	-15.13	-13.64	-12.64	-11.64	-10.73	-10.27	-9.98	-10.37	-11.21	-12.05	-12.48	-13.59	-15.17	-17.81	-18.84	-18.82	-17.41	-16.18	-15.05	-13.7	-12.55	-11.96	-11.71	-11.35	
Phi (deg.)	10	-19.99	-19.12	-15.59	-13.64	-13.53	-13.87	-15.3	-17.11	-23.99	-18.52	-13.52	9.93	7.23	-5.37	-4.43	-4.09	-4.23	-4.49	-4.82	-5.74	-7.02	-8.52	-9.98	-11.18	-12.8	-14.63	-16.43	-15.89	-13.8	-12.07	-11.53	-11.88	-12.45	-13.35	-14.5	-16.75	-20.27	
Phi (deg.)	20	-16.4	-19.1	-15.99	-12.69	-12.09	-14.18	-20.88	-23.49	-17.39	-11.77	-10.39	-7.66	-5.46	-3.13	-1.83	-1.12	-1.05	-1.19	-2.17	-3.13	-4.23	-6.52	-9.17	-12.17	-16.49	-24.12	-30.96	-24.31	-16.41	-11.49	-8.39	-6.67	-6.03	-6.25	-8.38	-11.6	-16.1	-26.1
Phi (deg.)	30	-8.48	-8.34	-8.31	-9.27	-10.84	-13.28	-16.28	-14.63	-10.33	-8.94	-6.95	-4.7	-2.84	-0.16	1.23	1.52	1.73	0.61	-0.39	-1.39	-2.84	-5.42	-9.17	-17.68	-14.02	-11.48	-14.31	-20.24	-17.23	-10.63	-6.94	-5.24	-5.55	-7.09	-9.09	-10.21	-9.67	
Phi (deg.)	40	-11.71	-9.37	-7.81	-7.09	-8.66	-11.99	-13.99	-9.53	-6.2	-4.77	-3.66	-2.18	-0.45	1.37	2.73	2.98	2.08	0.62	-0.11	-0.2	-0.96	-3.37	-7.59	-8.3	-5.59	-4.59	-5.51	-8.03	-13.3	-12.33	-6.99	-6.3	-7.11	-7.95	-8.88	-10.17	-11.1	
Phi (deg.)	50	-17.5	-9.2	-7.02	-5.03	-5.52	-9.1	-12.93	-10.77	-5.25	-2.63	-1.2	-0.41	0.66	0.48	3.03	3.9	2.29	-1.13	-1.5	0.62	1.42	-0.23	-3.54	-5.34	-3.66	-2.78	-4.81	-7.03	-6.84	-9.34	-10.05	-9.38	-7.12	-5.25	-4.34	-5.23	-7.45	
Phi (deg.)	60	-13.98	-10.85	-6.82	-4.95	-4.77	-4.71	-7.43	-14.48	-9.09	-2.13	0.93	0.64	-2.31	-1.17	2.01	3.95	2.22	-1.52	-3.89	0.07	1.41	0.12	-2.13	-3.35	-3.98	-3.68	-5.39	-4.35	-3.23	-2.1	-1.82	-1.48	-0.16	-6.55	-7.17	-10.2	-14.12	
Phi (deg.)	70	-18.2	-14.14	-10.68	-11.9	-13.53	-13.83	-8.11	-8.99	-8.71	-1.34	1.61	0.09	-1.83	-5.3	1.13	3.1	3.55	-1.49	-7.14	-7.3	0.04	0.25	-0.01	-1.44	-2.67	-2.98	-2.09	-0.95	-2.33	-6.55	-1.33	-16.04	-1.38	-11.3	-11.1	-12.64	-17.45	
Phi (deg.)	80	-9.81	-12.87	-23.62	-13.85	-10.38	-25.14	-6.8	-4.09	-2.27	-0.42	2.63	3.95	1.41	-6.2	-2.87	2.83	3.12	-0.23	-12.02	-2.57	0.32	0.44	-0.14	-1.8	-4.8	-3.84	-1.64	-0.34	-1.53	-3.45	-9.2	-7.64	-10.59	-16.3	-9.34	-8.2	-9.73	
Phi (deg.)	90	-9.85	-9.67	-14.89	-14.96	-7.77	-12.06	-7.64	-3.18	-0.84	-1.41	1.7	3.77	1.26	-4.78	-11.81	0.91	3.13	-0.52	-10.92	-9.88	-4.47	2.99	-2.65	-6.68	-7.59	-3.23	-3.07	-2.89	-2.91	-2.58	-6.44	-4.67	-6.77	-14.12	-12.48	-10.21	-9.98	
Phi (deg.)	100	-13.98	-8.43	-8.34	-7.52	-6.27	-9.06	-2.63	-3.12	-1.84	-1.73	0.77	4.77	1.7	-5.77	-14.43	-5.72	-2.22	-2.88	-1.56	-1.82	-4.95	-3.16	-4.57	-7.05	-1.88	-3.11	-4.73	-4.5	-5.99	-6.45	-5.64	-9.43	-11.27	-18.55	-14.12	-14.12		
Phi (deg.)	110	-12.7	-6.59	-5.3	-5.11	-5.01	-4.85	-4.87	-4.27	-4.18	-1.01	-2.16	-3.77	-1.84	-3.62	-12.03	-9.21	-8.03	-10.78	-18.21	-7.84	-2.84	-3.58	-4.7	-2.84	-3.54	-4.03	-4.21	-3.98	-4.14	-7.13	-10.11	-5.77	-6.5	-6.83	-11.87	-10.16	-12.25	
Phi (deg.)	120	-10.04	-6.52	-5.8	-11.82	-7.54	-2.82	-2.5	-2.71	-5.55	-3.98	-2.3	-2.27	-2.72	-7.89	-12.75	-16.77	-14.55	-10.89	-1.0	-10.55	-7.28	-5.59	-4.77	-3.85	-6.96	-8.88	-6.3	-3.98	-5.2	-6.42	-7.34	-7.04	-9.68	-10.14	-9.42	-12.99	-12.3	
Phi (deg.)	130	-19.43	-8.66	-6.16	-10.14	-7.5	-2.59	-2.14	-1.45	-3.84	-11.81	-4.77	-3.48	-3.78	-7.06	-17.64	-13.37	-16.84	-14.23	-10.52	-10.06	-11.48	-12.12	-9.23	-6.77	-7.6	-9.39	-10.27	-8.57	-6.24	-7.17	-6.74	-7.88	-8.73	-6.81	-5.8	-9.16	-19.53	
Phi (deg.)	140	-14.77	-13.64	-9.23	-9.73	-15.23	-5.8	-1.55	-1.66	-5.27	-10.59	-10.52	-6.44	-3.25	-3.66	-8.13	-16.84	-22.87	-18.75	-16.95	-19.59	-19.88	-13.43	-10.68	-9.43	-14.27	-16.88	-11.23	-15.92	-11.66	-10.1	-11.16	-14.38	-12.48	-8.11	-6.98	-9.09	-14.7	
Phi (deg.)	150	-12.76	-13.69	-12.46	-13.4	-11.89	-8.05	-7.1	-8.24	-8.34	-10.84	-12.99	-8.52	-5.48	-4.65	-4.11	-4.51	-5.26	-6.43	-5.55	-9.27	-11.22	-10.88	-10.68	-24.53	-23.67	-28.11	-18	-11.44	-8.14	-7.96	-9.98	-11.57	-10.7	-10.28	-11.54	-14.63	-14.63	-18.03
Phi (deg.)	160	-11.07	-9.64	-10.45	-13.94	-17.51	-13.99	-12.23	-15.02	-16.62	-8.85	-5.84	-4.69	-7.75	-10.57	-11.04	-8.68	-7.11	-6.57	-7.05	-8.64	-11.92	-14.94	-33.51	-28.7	-21.97	-19.98	-19.48	-17.62	-15.45	-14.02	-13.52	-13.5	-15.74	-15.52	-14.24	-11.32	-11.32	
Phi (deg.)	170	-10.64	-10.74	-13.31	-15.99	-24.48	-24.7	-16.28	-15.4	-17.11	-16.33	-11.88	-13.34	-13.9	-15.92	-18.25	-21.4	-20.73	-18.13	-16.11	-14.62	-14.02	-13.38	-19.34	-26.7	-23.35	-17.74	-16.33	-17.43	-20.75	-28.88	-29.0	-28.69	-26.62	-19.3	-15.04	-12.1	-10.77	
Phi (deg.)	180	-23.66	-21.01	-20.41	-19.34	-17.31	-16.45	-16.99	-16.16	-15.75	-17.17	-19	-20.17	-21.87	-25.3	-27.07	-26.73	-27.49	-30.09	-36.73	-30.34	-25.31	-15.63	-23.91	-24.57	-24.49	-23.84	-24.02	-20.3	-16.18	-14.4	-14.59	-15.7	-17.45	-18.98	-20.82	-25.71	-23.45	



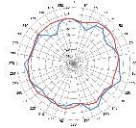
Phi (V)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360		
Theta (deg.)	0	21.33	22.66	-21.02	-16.98	-14.79	-13.28	-12.38	-11.85	-11.08	-10.45	-10.19	-10.19	-11.1	-12.47	-13.4	-15.23	-16.13	-16.59	-18.7	-20.64	-19.98	-18.67	-16.13	-13.11	-12.05	-11.84	-11.3	-11.1	-10.79	-11.23	-11.07	-12.52	-13.08	-15.03	-15.71	-17.82	-19.03	
Phi (deg.)	10	-14.02	-15.43	-15.43	-14.57	-12.58	-10.87	-9.44	-8.10	-6.88	-6.13	-5.57	-5.33	-5.52	-6.76	-8.13	-10.19	-13.16	-17.63	-21.09	-18.39	-15.51	-13.44	-11.57	-9.78	-8.95	-8.55	-8.26	-8.66	-9.47	-10.72	-12.09	-17.03	-26.55	-26.27	-19.54	-16.26	-15	
Phi (deg.)	20	-10.41	-9.75	-10.16	-9.95	-8.29	-6.51	-5.1	-4.13	-3.23	-2.43	-2	-2.17	-3.34	-4.78	-7.11	-10.54	-14.62	-13.81	-9.88	-7.48	-6.28	-5.57	-5.27	-5.54	-6.63	-7.85	-7.93	-7.25	-6.86	-7.58	-8.99	-11.5	-15.34	-17.78	-15.41	-12.35	-10.38	
Phi (deg.)	30	-12.13	-8.48	-5.42	-3.42	-2.17	-1.56	-1.47	-2.05	-2.46	-1.81	-1.17	-1.19	-3.69	-2.33	-3.59	-5.68	-7.77	-9.07	-8.05	-5.69	-3.89	-2.82	-2.13	-3.88	-5.08	-6.19	-4.96	-4.32	-4.73	-5.8	-6.88	-8.68	-11.93	-16.18	-17.92	-15.8	-12.36	
Phi (deg.)	40	-14.65	-10.61	-9.08	-7.8	-11.83	-10.73	-8.83	-6.77	-5.43	-4.08	-3.17	-3.43	-3.13	-3.39	-3.64	-2.86	-3.09	-6.41	-9.64	-9.13	-5.74	-3.25	-1.84	-0.31	-1.02	-2.08	-3.22	-3.44	-4.11	-3.92	-5.77	-8.82	-14.6	-17.67	-11.71	-10.94	-11.58	-17.08
Phi (deg.)	50	-9.17	-12.84	-10.25	-4.08	-1.11	-0.3	0.23	-0.58	-2.5	-3.68	-4.42	-5.42	-4.57	-3.09	-1.34	-3.13	-6.26	-7.08	-5.11	-2.42	-0.31	0.58	0.04	-0.74	-1.75	-3.33	-2.85	-2.66	-2.98	-2.35	-3.83	-7.51	-12.98	-25.39	-12.78	-8.84	-9.11	
Phi (deg.)	60	-4.83	-7.6	-9.32	-3.4	-0.09	-0.49	-0.49	-1.08	-1.11	-0.93	-2.51	-3.56	-5.37	-1.83	-0.94	-4.28	-10.38	-14.58	-9.77	-4.71	-1.16	0.9	1.09	-0.43	-2.51	-4.11	-3.34	-3.3	-2.91	-2.33	-4.24	-8.82	-17.11	-14.13	-7.21	-4.67	-4.67	
Phi (deg.)	70	-2.66	-4.13	-6.02	-2.22	0.87	2.3	2.19	0.72	-0.44	0.48	-0.48	-3.07	-5.37	-7.04	-5.25	-6.54	-11.35	-14.92	-9.25	-4.71	-1.67	0	0.32	-1.82	-5.9	-6.95	-5.47	-6.46	-6.61	-6.56	-8.2	-11.14	-12.69	-9.65	-6.23	-3.49	-2.74	
Phi (deg.)	80	-2.4	-2.62	-3.64	-1.33	0.31	2.3	2.23	3.66	1.79	0.07	-0.25	-1.62	-3.25	-4.98	-6.14	-4.51	-1.71	-19.49	-10.68	-5.52	-2.11	-0.98	-2.05	-6.04	-11.19	-7.56	-4.68	-10.44	-10.72	-10.71	-9.92	-8.29	-7.25	-5.81	-3.72	-2.49	-2.49	
Phi (deg.)	90	-5.73	-3.64	-1.91	0.31	3.71	4.03	3.71	1.86	0.63	0.29	-0.76	-2.64	-5.99	-7.09	-6.02	-3.82	-1.12	-12.25	-9.26	-4.08	-1.21	-0.57	-1.11	-3.29	-6.73	-7	-7.05	-7.29	-13.13	-18.12	-9.64	-6.48	-7.92	-6.2	-3.08	-2.85		
Phi (deg.)	100	-8.88	-5.95	-2.41	0.1	1.35	2.63	3.01	3.33	1.2	-0.43	-0.67	-1.08	-2.31	-2.86	-4.51	-10.44	-9.45	-10.11	-11.16	-18.36	-11.78	-8.56	-7.02	-7.11	-8.16	-8.64	-7.84	-5.83	-7.63	-15.07	-14.11	-8.8	-9.06	-13.44	-15.73	-10.7	-8.9	
Phi (deg.)	110	-9.1	-8.39	-5.56	-2.07	1.25	2.9	3.33	3.49	0.57	-2.97	-3.07	-1.48	-2.15	-4.99	-6.93	-12.44	-18.47	-16.77	-1																			

Theta ( H )																																						
Theta (deg.)	Phi (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360
0	-16.87	-13.84	-11.48	-10.42	-9.38	-8.87	-8.18	-7.98	-7.80	-8.13	-8.95	-9.75	-10.47	-11.55	-17.84	-23.91	-23.23	-17.43	-15.03	-12.86	-12.22	-11.02	-10.02	-10	-10.12	-10.13	-9.98	-9.84	-10.38	-11.81	-13.22	-15.02	-18.16	-23.25	-21.91	-19.93	-17.11	
10	-16.14	-21.43	-23.77	-16.73	-12.64	-10.8	-9.07	-7.78	-6.7	-5.0	-5.34	-5.34	-6.12	-8.84	-11.82	-8.8	-5.48	-3.32	-2.16	-1.02	-0.47	-1.34	-1.75	-2.83	-4.71	-7.1	-10.14	-13.06	-14.98	-15.91	-15.88	-16.03	-14.98	-13.84	-13.32	-14.02	-16.02	
20	-8.78	-8.78	-8.07	-7.2	-6.23	-6.65	-5.91	-4.59	-3.13	-2.42	-2.2	-2.77	-3.45	-4.68	-4.4	-3	-1.6	-0.3	0.05	0.27	0.2	0.2	0.2	-0.2	-1.52	-4.18	-8.92	-16.77	-32.51	-17.96	-11.32	-11.7	-9.43	-8.06	-7.98	-8.27	-8.62	
30	-7.89	-7.12	-6.96	-7.14	-8.13	-7.93	-6.48	-4.4	-3.31	-4.89	-3.98	-2	-2.81	-4.14	-4.7	-6.21	-6.3	0.2	1.54	1.8	1.33	0.27	-0.73	-1.25	-1.2	-2.05	-4	-13.77	-21.89	-21.91	-15.3	-11.4	-9.95	-9.78	-9.61	-8.95	-8.13	
40	-9.98	-9.53	-8.88	-9.14	-11.31	-14.67	-9.98	-8.42	-9.31	-7.31	-4.59	-3.84	-4.1	-4.38	-4	-6.53	-2.42	0.44	1.62	2.11	2.09	1.62	1.12	0.84	0.09	-1.77	-4.98	-8.53	-17.78	-9.48	-5.17	-7.95	-15.99	-10	-14.53	-11.34	-10.13	
50	-7.63	-9.53	-14.39	-23.14	-20.43	-17.48	-12.98	-6.23	-6.84	-8.99	-12.7	-23.3	-14.88	-8.05	-8.91	-14.06	-12.3	-3.77	0.42	1.12	1.43	0.8	0.33	-0.33	-2.34	-3.21	-5.34	-11.16	-9.2	-7.98	-5.7	-9.43	-14.95	-12.7	-9.24	-7.62	-7.75	
60	-10.32	-7.77	-7.23	-8.66	-17.16	-15.64	-22.53	-7.72	-5.95	-10.03	-7.72	-11.18	-17.7	-12.52	-5.17	-4.31	-9.91	-8.82	-3.89	-1.26	4.09	-0.8	-4.1	-1.87	-3.23	-3.05	-7.27	-9.78	-11.33	-8.71	-7.22	-8.53	-12.2	-16.53	-21.27	-17.3	-10.37	
70	-8.09	-11.18	-10.71	-8.54	-13.32	-24.85	-26.18	-8.66	-8.59	-9.78	-4.28	-10.59	-9.27	-22.16	-27.53	-6.01	-5.86	-6.63	-3.71	-1.41	-1.74	-6.16	-8.91	-1.67	-1.32	-4.41	-10.61	-8.78	-17.89	-9.14	-9.63	-7.03	-7.66	-15.73	-8.44	-6.75	-7.89	
80	-6.3	-4.57	-14.07	-4.11	-6.28	-9.73	-16.37	-11.17	-9.52	-9.73	-3.16	-2.71	-6.89	-8.88	-4.13	-3.52	-1.59	-2.14	-2.14	-1.41	-2.23	-7.57	-6.53	-3.14	-1.77	-3.78	-10.83	-4.66	-11	-5.2	-2.75	-3.72	-9.64	-12.12	-2.59	0.15	-6.31	
90	1.34	-3.18	-10.62	-3.02	-1.66	-4.41	-9.25	-23.48	-7.17	-6.84	-3.95	-1.39	-10.49	-20.48	-11.44	-14.53	-7.89	-6.64	-6.34	-6.66	-7.45	-5.48	-3.48	-1.78	-4.67	-6.32	-4.89	-5.03	-2.63	-5.82	-6.02	-1.1	-17.96	-6.25	0.24	2.16	1.2	
100	2.05	-1	-12.39	-4.23	0.62	-1.23	-5.73	-12.46	-6.3	-5.95	-5.77	-4.79	-9.49	-9.34	-10.33	-19.64	-12.95	-8.69	-6.49	-5.82	-5.82	-5.55	-8.44	-3.93	-13.77	-16.13	-1.16	0.33	-2.17	-3.07	-6.21	-2.23	-1.57	-3.27	1.05	2.48	2.07	
110	1.75	-1.69	-8.2	-9.57	-2.03	-1.57	-6.84	-12.66	-5	-7.15	-12.18	-7.8	-7.27	-13.96	-15.73	-10.23	-15.55	-11.93	-7.78	-7.24	-8.84	-7.16	-6.09	-7.77	-12.81	-21.87	0.23	0.34	-1.01	-1.03	1.11	-1.52	-5.55	-1.49	1.84	3.52	1.76	
120	1.55	0.58	-4.25	-16.67	-4.49	-2.48	-4.14	-7.09	-6.28	-5.52	-9.05	-11.34	-7.34	-18.18	-15.48	-16.68	-9.12	-9.85	-13.73	-23.05	-20.55	-9.98	-6.34	-8.27	-13.02	-9.68	0.97	-0.2	-8.25	-3.16	0.13	-3.14	-4.98	-4.04	2.61	3.25	1.27	
130	1.69	0.11	-3.35	-13.09	-12.21	-3.32	-2.03	-6.45	-10.3	-9.25	-3.16	-5.14	-13.4	-11.05	-8.09	-9.37	-13.62	-16.53	-10.02	-6.77	-5.95	-7.1	-6.32	-7.78	-10.09	-3.23	-3.77	-11.59	-3.2	0.14	0.8	-1.03	-2.09	0.33	2.23	2.43	1.51	
140	-1.6	-1.84	-2.06	-3.3	-18.83	-7.84	-6.49	-10.03	-9.96	-14.62	-5.55	-2.53	1.09	-6.95	-9.42	-21.06	-13.09	-1.15	-15.88	-17.57	-23.77	-23.75	-17.91	-11.84	-7.78	-12.03	-12.48	-11.68	-4.01	1.62	1.08	1.84	2.16	2.13	1.23	-0.5	-1.57	
150	-4.57	-3.55	-2.75	-2.93	-4.31	-11.3	-8.98	-10.03	-31	-9.84	-4.39	-3.91	6.23	-8	-6.83	-8.34	-11.55	-14.41	-15.2	-16.52	-16.66	-16.99	-20.24	-17.57	-23.77	-20.23	-5.03	-3.57	-1.32	0.72	1	1.65	0.58	-0.34	-1.91	3.7	-4.75	
160	-9.73	-6.02	-0.54	-3.2	-4.16	-8.41	-11.83	-11.19	-12.16	-21.21	-22.77	-18.61	-11.82	-10.31	-11.23	-11.55	-10.52	-9.66	-10.75	-12.63	-11.49	-11.12	-12.75	-10.38	-6.58	-4.71	-3.82	-3.77	-3.85	-3.98	-4.03	-4.16	-4.08	-3.24	-3.24	-3.24	-3.01	
170	-7.93	-5.33	-4.24	-4.14	-5.18	-8.09	-12.84	-20.2	-17.75	-17	-16.12	-14.52	-12.92	-12.07	-12.34	-12.02	-10.45	-9.99	-10.7	-12.18	-14.4	-18.73	-21.88	-20.33	-21.1	-21.14	-14.66	-10.05	-7.59	-6.83	-6.96	-7.3	-9.05	-11.73	-13.93	-11.37	-3	
180	-13.57	-12.71	-12.59	-12.37	-11.89	-12.77	-12.93	-12.46	-11.84	-9.23	-7.73	-7.05	-7.02	-7.95	-9.71	-11.27	-12.23	-13.42	-18.14	-22.23	-18.73	-21.31	-17.78	-16.09	-14.45	-13.31	-11.75	-10.73	-10.28	-10.27	-10.59	-10.73	-10.99	-11.64	-12.25	-13.43		



Phi ( V )																																						
Theta (deg.)	Phi (deg.)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360
0	-10.11	-10.1	-11.36	-12.54	-14.23	-16.54	-22.02	-31.61	-39.78	-46.47	-51.47	-54.77	-57.89	-61.1	-72.3	-77.37	-78.88	-82.2	-87.78	-91.08	-93.36	-10.36	-10.36	-10.36	-10.36	-10.36	-10.36	-10.36	-10.36	-10.36	-10.36	-10.36	-10.36	-10.36	-10.36	-10.36	-10.36	-10.36
10	-13.88	-12.06	-10.8	-10.05	-10.82	-11.87	-13.18	-15.26	-17.99	-23.45	-29.75	-36.34	-43.8	-51.3	-59.2	-67.4	-75.8	-84.4	-93.2	-102.2	-111.4	-120.8	-130.4	-140.2	-150.2	-160.4	-170.8	-181.4	-192.2	-203.2	-214.4	-225.8	-237.4	-249.2	-261.2	-273.4	-285.8	-298.4
20	-12.75	-10.43	-9.32	-8.71	-8.14	-8.64	-9.74	-11.53	-14.01	-17.2	-21.1	-25.6	-30.7	-36.4	-42.7	-49.6	-57.1	-65.2	-73.8	-82.9	-92.6	-102.8	-113.6	-124.9	-136.7	-149.0	-161.8	-175.1	-188.9	-203.2	-218.0	-233.3	-249.1	-265.4	-282.2	-299.5	-317.3	-335.6
30	-6.53	-6.06	-5.89	-4	-5.07	-7.07	-9.68	-14.22	-22.06	-32.02	-43.1	-55.3	-68.7	-83.4	-99.4	-116.7	-135.4	-155.5	-177.0	-200.0	-224.4	-250.2	-277.4	-306.0	-336.0	-367.4	-400.6	-435.6	-472.4	-511.0	-551.4	-593.6	-637.6	-683.4	-731.0	-780.4	-831.6	-885.4
40	1.2	-4.01	-4.84	-4.1	-2.71	-1.54	-4.25	-8.85	-14.28	-21.5	-30.6	-41.5	-54.2	-68.7	-85.1	-103.4	-123.6	-145.7	-169.8	-195.9	-224.1	-254.4	-286.8	-321.4	-358.2	-407.2	-458.4	-511.6	-566.9	-624.4	-684.1	-746.0	-810.1	-876.4	-945.0	-1016.1	-1089.6	-1165.6
50	0.4	-0.53	-1.66	-2.4	-2.37	-2.03	-2.58	-4.83	-9.99	-17.28	-26.6	-37.9	-51.2	-66.4	-83.5	-102.6	-123.7	-146.8	-171.9	-199.0	-228.1	-259.2	-292.4	-327.6	-364.9	-404.4	-446.0	-489.7	-535.6	-583.7	-634.0	-686.5	-741.2	-798.1	-857.2	-918.5	-982.0	-1047.6
60	1.09	-0.06	-2.17	-3.19	-2.23	-4.78	-6.39	-7.23	-8.76	-3.2	0.92	0.65	-6.75	-5.77	-7.91	-17.64	-31.59	-53.52	-84.41	-124.3	-174.2	-234.1	-304.0	-384.0	-474.0	-574.0	-684.0	-804.0	-934.0	-1074.0	-1224.0	-1384.0	-1554.0	-1734.0	-1924.0	-2124.0	-2334.0	
70	0.66	-0.7	-3.55	-6.1	-10.57	-16.76	-26.9	-41.53	-61.23	-85.44	-113.65	-145.46	-181.27	-231.08	-294.89	-372.70	-464.51	-570.32	-690.13	-824.94	-974.75	-1139.56	-1319.37	-1514.18	-1724.00	-1948.81	-2188.62	-2443.43	-2713.24	-3008.05	-3317.86	-3642.67	-3982.48	-4337.29	-4707.10	-5091.91	-5491.72	
80	-2.14	-3.83	-7.26	-7.42	-8.3	-12.55	-21.04	-36.07	-60.08	-93.09	-135.10	-186.11	-246.12	-315.13	-393.14	-480.15	-576.16	-682.17	-798.18	-924.19	-1060.20	-1206.21	-1362.22	-1528.23	-1704.24	-1890.25	-2086.26	-2292.27	-2508.28	-2734.29	-2970.30	-3216.31	-3472.32	-3738.33	-4014.34	-4300.35	-4596.36	
90	-3.33	-6.12	-7.99	-4.3	-4.16	-14.01	-28.52	-51.23	-82.14	-121.05	-168.96	-235.87	-321.78	-426.69	-550.60	-693.51	-855.42	-1036.33	-1236.24	-1455.15	-1693.06	-1950.97	-2328.88	-2726.79	-3244.70	-3882.61	-4640.52	-5518.43	-6516.34	-7634.25	-8872.16	-10240.07	-11737.98	-13365.89	-15133.80	-17041.71	-19089.62	
100	-6.3	-8.4	-8.49	-5.9	-7.47	-14.19	-23.65	-46.04	-80.43	-126.82	-185.21	-256.60	-341.99	-440.38	-552.77	-680.16	-823.55	-982.94	-1158.33	-1350.72	-1560.11	-1787.50	-2042.89	-2425.28	-2937.67	-3580.06	-4362.45	-5284.84	-6347.23	-7549.62	-8892.01	-10374.40	-12006.79	-13799.18	-15751.57	-17873.96	-20176.35	
110	-19.55	-17.34	-7.81	-4.65	-3.21	-3.51	-9.69	-19.58	-31.72	-46.75	-64.89	-86.13	-110.47	-138.91	-171.35	-208.79	-250.23	-306.67	-378.11	-465.55	-569.99	-692.43	-833.87	-995.31	-1186.75	-1409.19	-1663.63	-1950.07	-2269.51	-2721.95	-3304.39	-3926.83	-4609.27	-5351.71	-6164.15	-7046.59	-8009.03	
120	-4.2	-8.13	-9.73	-6.25	-3.23	-4.92	-12.9																															

Theta ( H )																																										
Theta ( deg )	Phi ( deg )	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360				
0	-7.7	-7.31	-7.17	-7.04	-6.92	-6.81	-6.72	-6.64	-6.57	-6.51	-6.46	-6.41	-6.37	-6.33	-6.30	-6.27	-6.24	-6.21	-6.18	-6.15	-6.12	-6.09	-6.06	-6.03	-6.00	-5.97	-5.94	-5.91	-5.88	-5.85	-5.82	-5.79	-5.76	-5.73	-5.70	-5.67	-5.64	-5.61	-5.58			
10	-12.58	-9.87	-8.3	-7.04	-6.02	-5.21	-4.56	-4.03	-3.61	-3.27	-2.99	-2.74	-2.51	-2.30	-2.11	-1.94	-1.78	-1.64	-1.51	-1.39	-1.28	-1.18	-1.09	-1.01	-0.93	-0.85	-0.77	-0.70	-0.63	-0.56	-0.50	-0.44	-0.38	-0.32	-0.26	-0.21	-0.15	-0.10	-0.05			
20	-23.07	-19.09	-11.5	-7.2	-5.27	-4.09	-3.41	-2.98	-2.61	-2.28	-1.99	-1.74	-1.51	-1.30	-1.11	-0.94	-0.78	-0.64	-0.51	-0.39	-0.28	-0.18	-0.09	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60		
30	-40.05	-30.97	-13.95	-6.84	-5.81	-5.2	-4.74	-4.31	-3.91	-3.53	-3.17	-2.83	-2.51	-2.20	-1.91	-1.64	-1.38	-1.14	-0.91	-0.69	-0.48	-0.28	-0.09	0.10	0.29	0.48	0.67	0.86	1.05	1.24	1.43	1.62	1.81	2.00	2.19	2.38	2.57	2.76	2.95	3.14		
40	-13.1	-12.91	-6.62	-2.01	0.63	1.99	1.88	1.73	1.50	1.1	2.16	2.82	2.55	0.84	-2.28	-4.01	-4.67	-4.68	-3.98	-1.31	-0.21	-12.23	-8.4	-6.14	-4.5	-3.28	-1.98	-0.59	5.16	7.77	6.08	4.18	5.24	-9.64	-13.93	-17.32	-19.12					
50	-18.18	-15.99	-8.92	-2.37	1.66	2.95	2.62	2.69	2.82	2.02	2.62	3.19	2.57	0.45	-2.53	-3.49	-4.82	-8.21	-14.39	-21.8	-21.8	-12.23	-8.4	-6.14	-4.5	-3.28	-1.98	-0.59	5.16	7.77	6.08	4.18	5.24	-9.64	-13.93	-17.32	-19.12					
60	-11.3	-18.23	-10.34	-4.57	-0.52	2.16	2.55	2.95	3.15	3.41	3.16	2.3	3.87	1.37	-0.01	-0.84	-2.73	-8.07	-11.89	-14.1	-16.48	-19.27	-10.56	7.17	6.14	-3.08	-1.92	-1.28	-2.73	-5.41	-8.59	-10.13	-12.09	-17.43	-9.7	-8.71	-8.71	-11.41				
70	-11.13	-18.23	-10.34	-4.57	-0.52	2.16	2.55	2.95	3.15	3.41	3.16	2.3	3.87	1.37	-0.01	-0.84	-2.73	-8.07	-11.89	-14.1	-16.48	-19.27	-10.56	7.17	6.14	-3.08	-1.92	-1.28	-2.73	-5.41	-8.59	-10.13	-12.09	-17.43	-9.7	-8.71	-8.71	-11.41				
80	-3.92	-7.6	-28.32	-7.98	-4.85	-3.42	-2.27	1.33	1.20	0.63	-0.13	0.08	-2.27	-3.16	-3.45	-0.84	-3	-7.62	-8.33	-10.43	-13.2	-9.48	-11.42	-17.59	-7.8	-4.99	-1.59	4.96	-8.77	-9.91	-10.42	-9.53	-17.09	-16.23	-7.59	-4.09	-3.39					
90	-3.35	-7.57	-12.98	-5.8	-2.59	-4.57	-3.95	0.48	-2.73	-2.77	-1.96	-2.1	-4.68	-3.23	-4.09	0.93	-2.05	-19.89	-7.59	-14.8	-6.48	-10.13	-20.21	-17.7	40.28	-6.67	2.77	40.28	-10.71	7.24	-10.87	7.45	-14.64	-12.75	-4.58	-2.73	-6.47					
100	-6.08	-3.38	-7.31	-3.96	-2.66	-3.52	-4.03	-1.62	-1.64	-4.09	-3.02	-5.89	-11.27	-11.81	-5.09	-8.25	-24.16	-10.41	-9.09	-10.87	-13.84	-16.48	-9.69	2.85	4.63	-5.23	-3.05	-11.27	-15.98	-13.45	-12.08	-13.49	-10.09	-2.84	-0.31	-3.47						
110	-1.77	-1.24	-5.93	-3.4	0.13	0.07	-3.43	-3.06	-4.08	-13.88	-14.68	-10.09	8.87	-5.99	-7	-4.53	-7	-11.1	-17.66	-11.03	-10.84	-12.77	-17.78	-12.88	18.42	-7.3	-3.07	-12.24	-6.77	-6.08	-8.8	-13.63	-5.91	-3.8	1.58	2.4	1.09					
120	-0.18	-3.74	-9.09	-5.3	-2.14	-1.91	-2.7	-4.75	-1.67	-4.52	-9.88	-11.62	-22.02	-16.91	-14.55	-10.95	-10.25	-11.78	-5.11	-3.66	-5.55	-13.06	-13.8	-11.45	-18.41	-2.31	-1.98	-5.14	-3.74	-12.13	-8.59	-1.34	1.19	1.3	-0.18							
130	-0.78	-8.3	-12.48	-9.03	-5.77	-2.66	-1.7	-8.49	-15.84	-5.78	-8.33	-5.7	-8.8	-6.73	-3.14	-6.73	-13.84	-7.87	-4.75	-3.96	-4.7	-7.05	-14.13	-12.45	-18.14	-7.09	-10.37	-7.88	-4.7	-3.34	-8.2	-22.1	-13.07	-6.05	-3.3	-3.39	-4.3					
140	-2.22	-5.16	-10.34	-12.45	-8.99	-6.55	-5.37	-8.2	-14.64	-10.14	-11.62	-8.8	-13.3	-9.64	-6.95	-8.78	-9.64	-6.95	-4.63	-4.28	-5.63	-10.21	-13.93	-5.98	-5.32	-8.66	-5.87	0.36	-0.77	-4.91	-4.16	-2.1	-0.98	0.09	0.23	-0.50	-2.05					
150	-3.99	-4.7	-10.28	-10.83	-14.68	-7.69	-4.14	-4.08	-2.23	-9.48	-7.27	-4.83	-5.35	-9.95	-20.94	-14.53	-14.66	-11.59	-8.66	-3.81	9.44	-16.53	-13.93	4.73	0.36	2.33	2.5	3.48	1.61	-0.82	-3.99	-3.25	-2.05	-0.98	0.88	0.88	-1.01	-3.95				
160	-5.55	-5.81	-12.07	-15.78	-8.2	-6.09	-4.63	-9.09	-10.49	-8.27	-5.41	-4.1	-6.61	-12.02	-22.13	-35.73	-27.3	-11.3	-13.39	-11.43	-8.98	-6.5	-4.43	-3.2	0.23	-1.91	-2.03	3.88	-3.25	-4.58	-2.82	-1.03	-0.2	0.01	-0.52	1.05	-2.94					
170	-8.7	-10.4	-13.82	-11.3	-24.11	-15.12	-8.98	-8.3	-9.84	-12.3	-13.3	-13.01	-11.4	-12	-13.53	-17.8	-30.09	-21.3	-15.27	-11.64	-9.34	-7.5	-6.35	5.94	4.8	4	-3.56	-3.08	-3.3	-3.59	-4.33	-5.39	-6.5	-7.89	-8.83							
180	-14.9	-11.52	-8.71	-7.14	-6.38	-5.81	-6.21	-6.51	-6.74	-6.16	-5.78	-6.3	-7.63	-9.5	-12.4	-18.84	-21.7	-17.05	-12.73	-9.73	-7.96	-6.8	-6.13	-5.87	-5.93	-5.84	-5.62	-5.91	-6.78	-8.45	-10.63	-13.92	-19.23	-31.63	-22.12	-15.16						



Phi ( V )																																																																																																																																																																																																																																																																																																																																																						
Theta ( deg )	Phi ( deg )	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360																																																																																																																																																																																																																																																																																																																
0	-0.049	-0.055	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057	-0.057																																																																																																																																																																																																																																																																																																														
10	-5	-4.93	-4.9	-5.18	-5.22	-5.13	-5.13	-5.43	-5.71	-6.09	-6.69	-7.49	-8.53	-9.84	-11.43	-13.31	-15.49	-18.07	-21.15	-24.83	-29.11	-34.09	-39.77	-46.15	-53.23	-61.01	-69.49	-78.67	-88.55	-99.13	-110.41	-122.39	-135.07	-148.45	-162.53	-177.31	-192.79	-208.97	-225.85	-243.43	-261.71	-280.69	-300.27	-320.45	-341.23	-362.61	-384.59	-407.17	-430.35	-454.13	-478.51	-503.49	-529.07	-555.25	-582.03	-609.41	-637.39	-665.97	-695.15	-724.93	-755.31	-786.29	-817.87	-850.05	-882.83	-916.21	-950.19	-984.77	-1020.95	-1058.73	-1098.11	-1139.09	-1180.67	-1223.85	-1268.63	-1315.01	-1363.09	-1412.87	-1464.35	-1517.53	-1572.41	-1629.09	-1687.47	-1747.55	-1809.33	-1872.81	-1938.09	-2005.17	-2074.05	-2144.73	-2217.21	-2291.49	-2367.57	-2445.45	-2525.13	-2606.61	-2689.89	-2775.07	-2862.15	-2951.13	-3042.01	-3134.79	-3229.47	-3326.05	-3424.53	-3524.91	-3627.19	-3731.37	-3837.45	-3945.43	-4055.31	-4167.09	-4280.77	-4396.35	-4513.83	-4633.21	-4754.49	-4876.67	-4999.75	-5124.73	-5251.61	-5380.39	-5511.07	-5643.65	-5778.13	-5914.51	-6052.79	-6192.97	-6335.05	-6479.03	-6624.91	-6772.69	-6922.37	-7073.95	-7227.43	-7382.81	-7539.99	-7700.07	-7862.05	-8025.93	-8191.71	-8359.39	-8528.97	-8700.45	-8873.83	-9049.11	-9226.29	-9405.37	-9586.35	-9769.23	-9953.91	-10140.39	-10328.67	-10518.75	-10710.63	-10904.31	-11100.09	-11297.87	-11497.75	-11700.73	-11906.81	-12115.99	-12328.27	-12542.65	-12759.13	-12977.71	-13198.39	-13421.17	-13646.05	-13873.03	-14102.11	-14333.29	-14566.57	-14802.95	-15042.43	-15285.01	-15530.69	-15779.47	-16031.35	-16286.33	-16543.41	-16802.59	-17063.87	-17327.25	-17592.73	-17860.31	-18130.09	-18402.07	-18676.25	-18952.63	-19231.21	-19511.99	-19794.97	-20080.15	-20367.53	-20657.21	-20949.19	-21243.47	-21540.05	-21838.93	-22140.11	-22443.59	-22749.27	-23057.15	-23367.23	-23679.51	-23994.09	-24310.87	-24629.85	-24951.03	-25274.41	-25600.09	-25927.97	-26258.05	-26590.33	-26924.81	-27261.49	-27600.37	-27941.45	-28284.73	-28630.21	-28977.89	-29327.77	-29679.85	-30034.13	-30390.61	-30749.29	-31110.17	-31473.25	-31838.53	-32205.91	-32575.39	-32947.07	-33320.95	-33697.03	-34075.31	-34455.79	-34838.47	-35223.35	-35610.43	-36000.71	-36393.19	-36787.77	-37184.45	-37583.23	-37984.11	-38387.09	-38792.17	-39199.35	-39608.63	-40020.01	-40433.49	-40849.07	-41266.75	-41686.53	-42108.41	-42532.39	-42958.47	-43386.65	-43816.93	-44249.31	-44683.79	-45120.37	-45559.05	-46000.83	-46444.71	-46890.69	-47338.77	-47788.95	-48241.23	-48695.61	-49152.09	-49610.67	-50071.35	-50534.13	-51000.01	-51468.99	-51941.07	-52416.25	-52893.53	-53372.91	-53854.39	-54337.97	-54823.65	-55311.43	-55801.31	-56293.29	-56787.37	-57283.55	-57781.83	-58282.21	-58784.69	-59289.27	-59795.95	-60304.73	-60815.61	-61328.69	-61843.87	-62361.15	-62880.53	-63402.01	-63925.59	-64451.27	-64979.05	-65508.93	-66040.91	-66575.09	-67111.37	-67649.75	-68190.23	-68732.81	-69277.49	-69824.27	-70373.15	-70924.13	-71477.21	-72032.39	-72589.67	-73149.05	-73710.53	-74274.11	-74839.79	-75407.57	-75977.45	-76549.43	-77123.51	-77699.69	-78277.97	-78858.35	-79440.83	-80025.41	-80612.09	-81200.87	-81791.75	-82384.73	-82979.81	-83576.99	-84176.27	-84777.65	-85380.13	-85983.71	-86589.