Antenna Composite Gain Test Report

FCC ID	Z3WAIR4981-41
Equipment	AT&T ALL Fi Booster
Brand Name	AirTies
Model Name	Air4981-41
Applicant	AirTies Wireless Networks Sehit Mehmet Mikdat Uluunlu Sokagi No:23 Esentepe, Sisli İstanbul, 34394 Turkey
Manufacturer	AirTies Wireless Networks Sehit Mehmet Mikdat Uluunlu Sokagi No:23 Esentepe, Sisli İstanbul, 34394 Turkey
Sample Received	Jul. 21, 2022
Start Test Date	Aug. 24, 2022
Final Test Date	Aug. 24, 2022

Approved by: Rex Liao

Sporton International Inc. Hsinchu Laboratory
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
AP211916-04	01	Initial issue of report	Aug. 28, 2023

1. Operation Mode and Antenna Information

Antenna Position	RF Port	Brand Name	Model Name	Ant. Type	Connector	Modes of Operation
2G 5GAnt1	1	Galtronics	A00	Off-Board Internal Dipole	I-PEX MHF (u.FL)	2.4GHz, 5GHz UNII 1~3
2G 5GAnt2	2	Galtronics	A11	Off-Board Internal Dipole	I-PEX MHF (u.FL)	2.4GHz, 5GHz UNII 1~3
6G Ant1	1	Galtronics	A0X	Off-Board Internal Dipole	I-PEX MHF (u.FL)	6GHz
6G Ant2	2	Galtronics	A1X	Off-Board Internal Dipole	I-PEX MHF (u.FL)	6GHz
6G Ant3	3	Galtronics	A2X	Off-Board Internal Dipole	I-PEX MHF (u.FL)	6GHz
6G Ant4	4	Galtronics	A3X	Off-Board Internal Dipole	I-PEX MHF (u.FL)	6GHz

Note:

2.4GHz and 5GHz Operation Mode (2TX/2RX)

2G 5GAnt1~2 can be used as transmitting/receiving antenna.

2G 5GAnt1~2 could transmit/receive simultaneously.

6GHz Operation Mode (4TX/4RX)

6G Ant1~4 can be used as transmitting/receiving antenna.

6G Ant1~4 could transmit/receive simultaneously.

2. Description of Two Different FCC ID

Description	FCC ID (Z3WAIR4981) of Previously Devices	FCC ID (Z3WAIR4981-41) of New Application
Component of 6GHz UNII5-8	With	Without
Note : The device (FCC ID: Z3WAIR4981-41) almost same as the previously device (FCC ID: Z3WAIR4981), except above difference. After the evaluation, this new application with references to previous test data.		

3. Test Frequency

The listed frequency of each bands are selected to represent each frequency bands

Band [MHz]	Test Frequency [MHz]
2400-2483.5	2450
5150-5250	5200
5250-5350	5300
5470-5725	5600
5725-5850	5785
5850-5895	5885
5925-6425	6175
6425-6525	6475
6525-6875	6695
6875-7125	6995

4. Testing Location

Testing Location		
Sporton International Inc. Hsinhua Laboratory		
☒	HWA YA	ADD : No.13-1 & 14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333, Taiwan R.O.C.

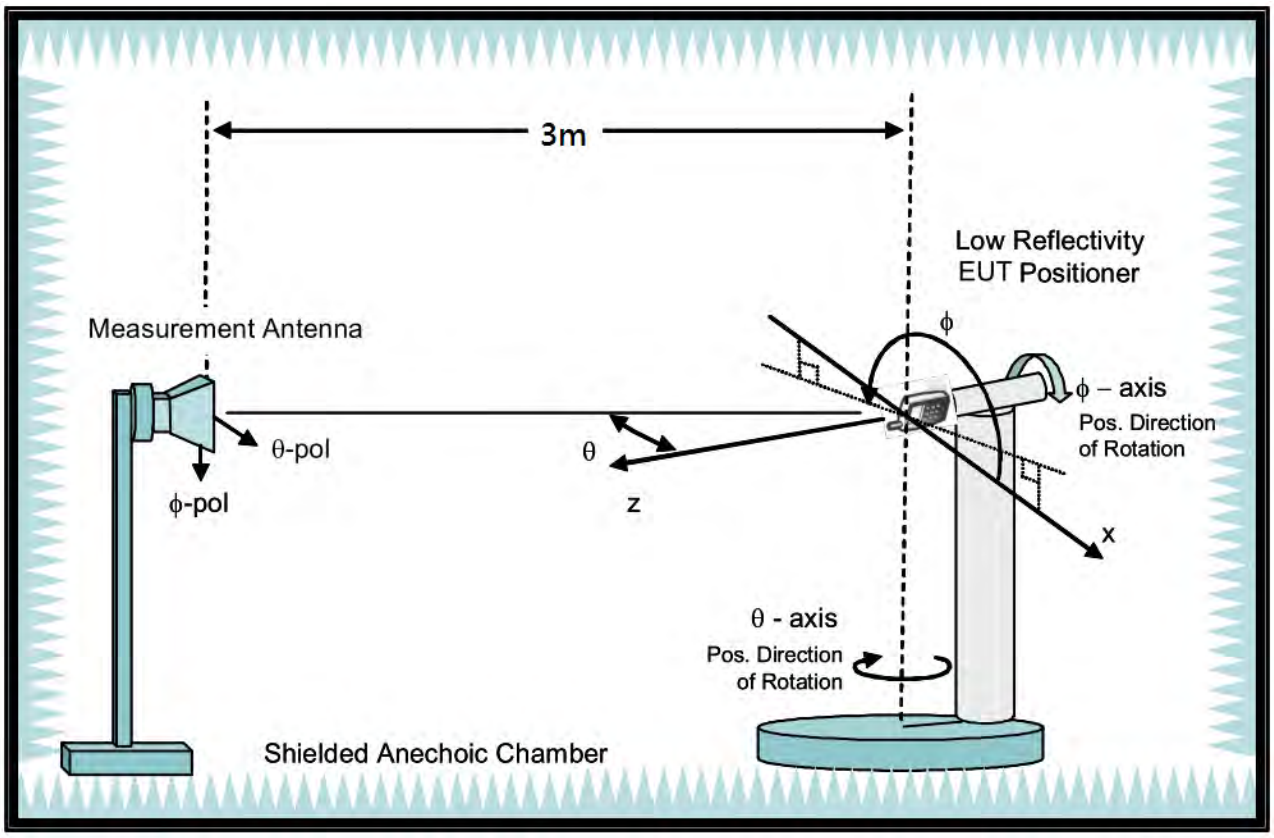
Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
Radiated	05CH03-HY	Rex Liao	23-24 / 40-50	Aug. 24, 2022

Note:
Testing Site Information
Brand Name: TDK
Dimension: 11m*6m*6m
Characteristic: Fully Anechoic Chamber

5. Test Facility and Configuration

Test configuration: Reference to CITA OTA distributed-axes system configuration.
Chamber: Fully Anechoic Chamber.
Measurement antenna: Dual Polarization Horn antenna
Turntable: Multi-axis positioner (Theta and Phi angle).

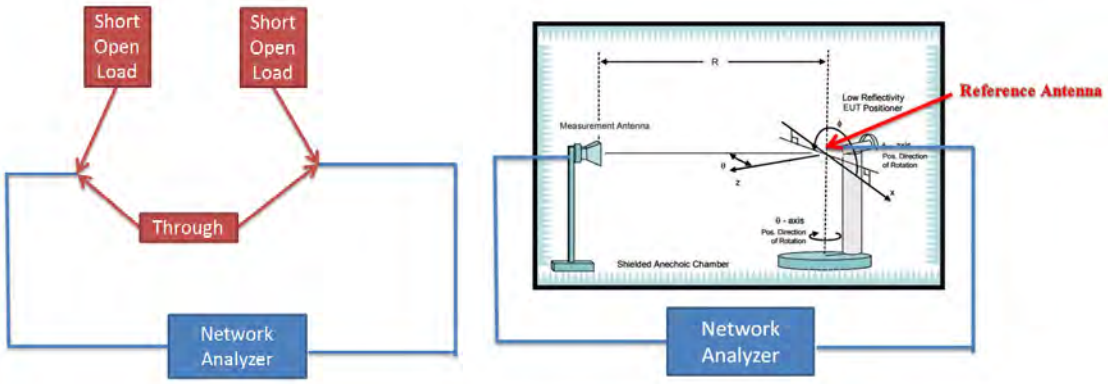
#Reference to CTIA “ctia-test-plan-for-wireless-device-over-the-air-performance-ver-3-7-1”



6. Reference Calibration

Connected cables to VNA calibration kit and use network analyzer internal function to do calibration. Do short, open and load to each side. Then connect through to both side and calibrate G values. The cable loss is calibrated and set inside the network analyzer.

Measurement Antenna is connected to port1 of Network analyzer and reference antenna connected to port 2 of Network Analyzer. Record G values and used with reference antenna gain to calculate gain factor.



Frequency (MHz)	2400	2450	2500	5150	5200	5300	5600	5750	5800	5900	6000	6500	7000	7200
G(theta) reading (dB)	-33.55	-33.27	-32.92	-32.91	-32.73	-32.02	-32.67	-32.82	-32.98	-33.18	-32.8	-33.92	-34.62	-35.57
G(phi) reading (dB)	-33.15	-32.7	-32.41	-32.61	-32.43	-31.72	-32.37	-32.51	-32.52	-32.66	-32.5	-33.62	-34.32	-35.48
Reference gain (dBi)	10.1	10.4	10.7	12.5	12.7	13.5	13.4	13.3	13.3	13.2	13.4	12.5	12.1	11.4
Factor(theta) (dB)	43.65	43.67	43.62	45.41	45.43	45.52	46.07	46.12	46.28	46.38	46.2	46.42	46.72	46.97
Factor(phi) (dB)	43.25	43.1	43.11	45.11	45.13	45.22	45.77	45.81	45.82	45.86	45.9	46.12	46.42	46.88

Note:

G reading (dB) =20*log(V2/V1)=10*log(P2/P1)

V2 is the voltage of VNA port2 is measured, V1 is the voltage of VNA port1 is the reference source.

P2 is the power of VNA port2 is measured, P1 is the power of VNA port1 is the reference source.

Factor = gain factor + power gain conversion= (Reference antenna gain)-(G reading)

7. Test Method

EUT set on multi-axis positioner and adjust EUT's physical center to measurement reference center. Measurement antenna set at phi polarization and 1.5 meter height. Port 1 of Network analyzer connect to antenna 1 of EUT. Record G value every 7.5 degree from 0 to 352.5 degree on Phi angle and 0 to 180 on theta angle of multi-axis positioner. Then set measurement antenna to theta polarization and repeat process. Repeat process to each antenna of EUT.

DG steps:

1. Each Phi and Theta polarization antenna gain are measured for all test angles.
2. Composite Phi and Theta antenna gain are computed, using formula in KDB662911 D01 d) (i) and e) (ii), for all angles.
3. Composite antenna gain are examined for all angles to determine max gain and Phi/Theta position. Max gain and phi/theta position are listed in section 8 tables.

Note: Antenna gain = G reading + factor, The factor of chapter five includes reference antenna gain factor and power gain conversion.

8. Measured Values and Calculation of Maximum Gain Positions

<For 2.4GHz and 5GHz>

DG_1SS max value position

Frequency (Hz)	2.45G	5.2G	5.3G	5.6G	5.785G
Ant. 1 (dBi)	4.84	5.06	3.9	5	4.33
Ant. 2 (dBi)	-0.87	-2.41	-1.96	-1.7	-1.86
DG [1SS] (dBi)	5.46	5.11	4.47	5.29	4.79
Polarization	Phi	Phi	Phi	Phi	Phi
Θ(°)	97.5	135	135	150	150
Φ(°)	180	157.5	172.5	150	150

Note: The DG 1SS max value position is the maximum value of section 12 table DG 1SS Result.

DG_1SS max value position calculation

Frequency (Hz)	2.45G	5.2G	5.3G	5.6G	5.785G
Ant. 1 [10^(G/20)]	10^(4.84/20)	10^(5.06/20)	10^(3.9/20)	10^(5/20)	10^(4.33/20)
Ant. 2 [10^(G/20)]	10^(-0.87/20)	10^(-2.41/20)	10^(-1.96/20)	10^(-1.7/20)	10^(-1.86/20)
Ant. 1 [10^(G/20)] value	1.746	1.791	1.567	1.778	1.646
Ant. 2 [10^(G/20)] value	0.905	0.758	0.798	0.822	0.807
Sum All Antenna [Amax]	2.651	2.548	2.365	2.601	2.454
DG [10*log(Amax^2/Nant)]	5.46	5.11	4.47	5.29	4.79

Note:

Directional Gain (1SS) is the max value of every look angle. Each position value is calculated by KDB662911 D01 d) (i).

Directional gain (1SS) = $10*\log(10^{(G_{ant1}/20)}+10^{(G_{ant2}/20)}+ +10^{(G_{ant3}/20)} +10^{(G_{ant4}/20)}+\ldots..)^2/N_{ant}$

<For 6GHz>

DG_1SS max value position

Frequency (Hz)	6.175G	6.475G	6.695G	6.995G
Ant. 1 (dBi)	-2.05	2.79	-3.93	2
Ant. 2 (dBi)	-1.14	-6.77	1.97	-4.93
Ant. 3 (dBi)	-1.94	-13.53	-0.48	-9.85
Ant. 4 (dBi)	-1.73	0.91	-6.81	0.01
DG [1SS] (dBi)	4.31	3.97	4.33	3.94
Polarization	Theta	Phi	Theta	Phi
Θ(°)	52.5	0	135	37.5
Φ(°)	120	22.5	157.5	22.5

Note: The DG 1SS max value position is the maximum value of section 12 table DG 1SS Result.

DG_1SS max value position calculation

Frequency (Hz)	6.175G	6.475G	6.695G	6.995G
Ant. 1 [10^(G/20)]	10^(-2.05/20)	10^(2.79/20)	10^(-3.93/20)	10^(2/20)
Ant. 2 [10^(G/20)]	10^(-1.14/20)	10^(-6.77/20)	10^(1.97/20)	10^(-4.93/20)
Ant. 3 [10^(G/20)]	10^(-1.94/20)	10^(-13.53/20)	10^(-0.48/20)	10^(-9.85/20)
Ant. 4 [10^(G/20)]	10^(-1.73/20)	10^(0.91/20)	10^(-6.81/20)	10^(0.01/20)
Ant. 1 [10^(G/20)] value	0.79	1.379	0.636	1.259
Ant. 2 [10^(G/20)] value	0.877	0.459	1.255	0.567
Ant. 3 [10^(G/20)] value	0.8	0.211	0.946	0.322
Ant. 4 [10^(G/20)] value	0.819	1.11	0.457	1.001
Sum All Antenna [Amax]	3.286	3.159	3.293	3.149
DG [10*log(Amax^2/Nant)]	4.31	3.97	4.33	3.94

Note:

Directional Gain (1SS) is the max value of every look angle. Each position value is calculated by KDB662911 D01 d) (i).

Directional gain (1SS) = $10*\log(10^{(G_{ant1}/20)}+10^{(G_{ant2}/20)}+ +10^{(G_{ant3}/20)} +10^{(G_{ant4}/20)}+.....)^2/N_{ant}$)

9. Summary of Test Result

<For 2.4GHz and 5GHz>

Freq(Hz)	2.45G	5.2G	5.3G	5.6G	5.785G
Ant. 1 Max Gain (dBi)	5.41	5.06	4.26	5.01	4.76
Ant. 2 Max Gain (dBi)	2.96	2.91	3.33	3.97	3.8
Ant. 1 Polarization/Θ(°)/Φ(°)	Phi/157.5/150	Phi/135/157.5	Phi/135/165	Theta/150/232.5	Theta/150/232.5
Ant. 2 Polarization/Θ(°)/Φ(°)	Phi/52.5/30	Theta/30/105	Theta/30/112.5	Theta/22.5/120	Phi/45/15
Max Gain (dBi)	5.41	5.06	4.26	5.01	4.76
DG [1SS] (dBi)	5.46	5.11	4.47	5.29	4.79
DG [2SS] (dBi)	5.41	5.06	4.26	5.01	4.76

<For 6GHz>

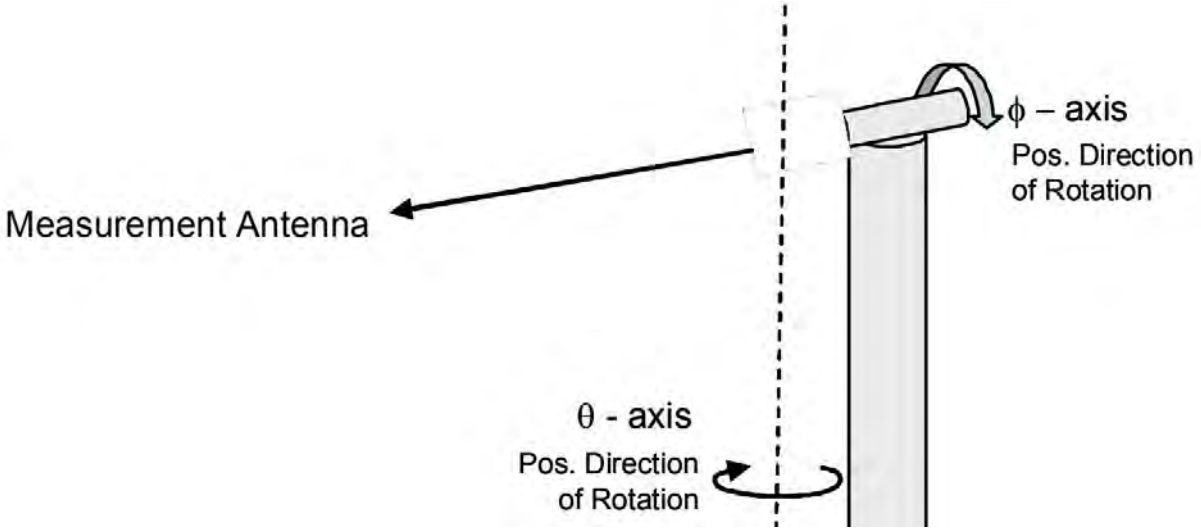
Freq(Hz)	6.175G	6.475G	6.695G	6.995G
Ant. 1 Max Gain (dBi)	4.06	3.64	4.3	3.51
Ant. 2 Max Gain (dBi)	1.65	1.44	2.31	2.08
Ant. 3 Max Gain (dBi)	2.58	1.31	2.03	2.7
Ant. 4 Max Gain (dBi)	2.51	2.82	3.53	3.79
Ant. 1 Polarization/Θ(°)/Φ(°)	Theta/150/247.5	Phi/112.5/330	Phi/127.5/322.5	Theta/157.5/240
Ant. 2 Polarization/Θ(°)/Φ(°)	Theta/127.5/142.5	Theta/105/142.5	Theta/105/142.5	Theta/105/15
Ant. 3 Polarization/Θ(°)/Φ(°)	Theta/127.5/37.5	Theta/120/30	Theta/82.5/172.5	Theta/97.5/172.5
Ant. 4 Polarization/Θ(°)/Φ(°)	Phi/60/202.5	Phi/52.5/202.5	Phi/37.5/165	Phi/30/165
Max Gain (dBi)	4.06	3.64	4.30	3.79
DG [1SS] (dBi)	4.31	3.97	4.33	3.94
DG [2SS] (dBi)	4.06	3.64	4.30	3.79
DG [4SS] (dBi)	4.06	3.64	4.30	3.79

Note:

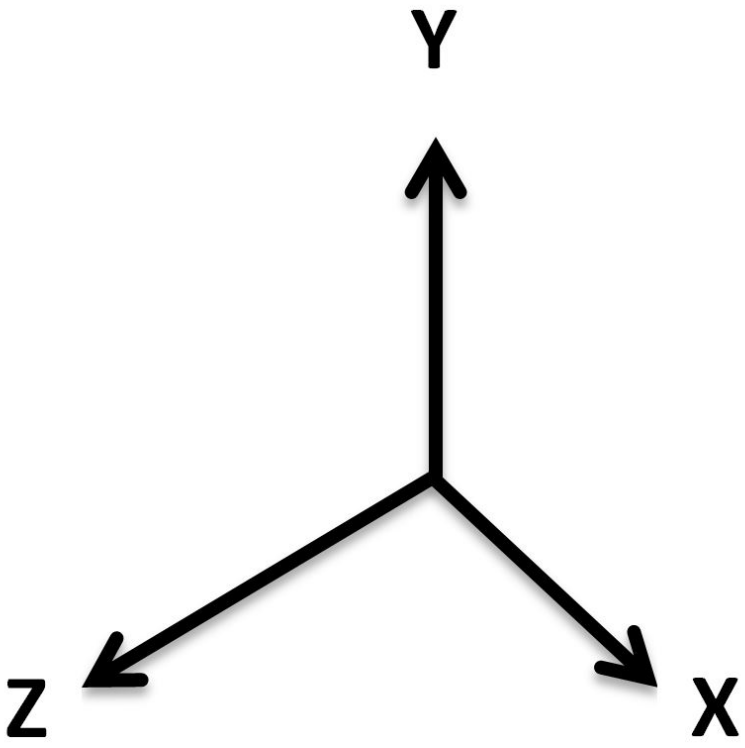
1. Antenna max gain is the max value of each individual antenna through all measurement angles.
2. The max gain is the max value of all antennas.
3. Directional Gain (2SS) = Directional Gain (1SS) – 3dB. If directional gain is less than max gain, use max gain as directional gain.
4. Directional Gain (4SS) = Directional Gain (1SS) – 6dB. If directional gain is less than max gain, use max gain as directional gain.

10. Test Setup

Test Position
Relative to the measurement antenna, first position 0 degrees of phi angle and theta angle.



Antenna Pattern Coordination



Note:

Photos of Test Position: Please refer to the test photos in the appendix.

11. Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1543	1GHz~18GHz	May 31, 2022	May 30, 2023
Dual Polarization Horn Antenna	Sporton	S0209DP	S0209DP-001	2GHz~9GHz	N.C.R.	N.C.R.
ENA Series Network Analyzer	AGILENT	E5071C	MY46419201	100kHz~8.5GHz	Feb. 21, 2022	Feb. 20, 2023
VNA Calibration Kit	TS RF	TS85033E-F	-	DC~9GHz	N.C.R.	N.C.R.
Multi-axis positioner	Sporton	MAPS01	MAPS01-001	Theta / Phi axis	N.C.R.	N.C.R.
Test Software	SPORTON	SENSE-RDG	V1.0.8	-	N.C.R.	N.C.R.

Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

12. Test Results

Please refer to the appendix.

Appendix A – Radiated Composite Gain of 2.4GHz and 5GHz UNII 1~UNII 3…….....Page 15
Appendix B – Radiated Composite Gain of 6GHz UNII5~UNII8……..……..…Page 24
Appendix C – Antenna Pattern of 2.4GHz and 5GHz UNII 1~UNII 3……Page 35
Appendix D – Antenna Pattern of 6GHz UNII5~UNII8……..…….. Page 39
Appendix E – Test Photos……..……..… Page 45

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Freq(Hz)	2.45G	5.2G	5.3G	5.6G	5.785G
Ant. 1 Max Gain (dBi)	5.41	5.06	4.26	5.01	4.76
Ant. 2 Max Gain (dBi)	2.96	2.91	3.33	3.97	3.8
Ant. 1 Polarization/Θ(°)/Φ(°)	Phi/157.5/150	Phi/135/157.5	Phi/135/165	Theta/150/232.5	Theta/150/232.5
Ant. 2 Polarization/Θ(°)/Φ(°)	Phi/52.5/30	Theta/30/105	Theta/30/112.5	Theta/22.5/120	Phi/45/15
Max Gain (dBi)	5.41	5.06	4.26	5.01	4.76
DG [1SS] (dBi)	5.46	5.11	4.47	5.29	4.79
DG [2SS] (dBi)	5.41	5.06	4.26	5.01	4.76

DG 1SS Result

Freq(Hz)	2.45G/Pol.	Phi/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
DG(dBi)	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120`)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ (337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	0.09/-0.02	-0.19/-0.61	-1.1/-1.29	-0.95/-0.65	-0.43/-0.53	-0.77/-1.01	-1.44/-1.84	-2.58/-3.64	-4.44/-3.93	-3.67/-2.5	-1.49/-0.59	0.03/0.58	0.93/1.08	1.04/0.97	0.82/0.48	0.28/0.06	0.04/-0.2	-0.39/-0.84	-1.45/-2.22	-3.32/-4.27	-4.53/-3.91	-2.83/-1.82	-1.16/-0.77	-0.33/0.04
Θ(7.5°)	1.44/1.29	1.1/0.91	0.64/0.43	0.31/0.39	0.44/0.52	0.42/0.28	-0.2/-0.61	-1.2/-1.9	-2.61/-3.18	-3.13/-2.47	-1.98/-1.36	-0.91/-0.36	-0.15/-0.05	-0.46/-0.81	-1.26/-1.65	-1.96/-1.92	-1.89/-2.17	-2.54/-3.07	-3.61/-4.68	-5.35/-6.56	-6.15/-5.27	-3.5/-2.19	-1.01/-0.11	0.69/1.14
Θ(15°)	2.65/2.76	2.67/2.54	2.31/1.81	1.39/0.88	0.63/0.48	0.39/0.24	-0.1/-0.41	-0.84/-1.37	-1.81/-2.42	-2.69/-2.24	-1.66/-0.92	-0.36/0.14	0.42/0.43	0.08/-0.73	-1.74/-3.03	-3.91/-4.59	-5.05/-5.79	-6.82/-7.82	-8/-7.71	-6.94/-6.17	-5.42/-4.24	-2.61/-1.26	0.12/1.17	2.05/2.56
Θ(22.5°)	3.2/3.33	3.39/3.43	3.13/2.57	1.88/1.06	0.74/0.66	0.63/0.41	0.28/0.03	-0.48/-1.02	-1.8/-2.48	-2.62/-1.76	-0.93/-0.06	0.72/1.41	1.84/1.89	1.4/0.57	-0.82/-2.45	-4.34/-5.39	-6.31/-7.24	-8.19/-8.9	-8.79/-7.28	-5.5/-4.35	-3.68/-3.07	-1.9/-0.62	0.67/1.76	2.46/3.04
Θ(30°)	2.46/2.8	3.2/3.33	3.06/2.72	2.05/1.32	0.86/0.7	0.47/0.56	0.55/0.51	0.26/-0.45	-1.49/-2.39	-2.29/-1.42	-0.44/0.46	1.12/1.8	2.35/2.55	2.39/1.73	0.64/-1.03	-3.29/-5.38	-6.45/-7.59	-8.46/-8.85	-8.65/-7.01	-5.22/-4.28	-3.7/-4.09	-3.5/-1.61	-0.38/0.76	1.65/2.15
Θ(37.5°)	1.27/1.88	2.5/2.81	2.87/2.58	1.92/1.23	0.89/0.7	0.61/0.44	0.46/0.88	1.03/0.69	0/-0.71	-0.84/-0.06	0.25/0.48	0.71/1.12	1.63/1.78	1.77/1.48	0.49/-1.11	-3.35/-5.61	-7.11/-8.41	-8.59/-8.56	-7.69/-6.51	-5.51/-4.77	-4.76/-5.22	-4.75/-2.93	-1.53/-0.31	0.36/0.82
Θ(45°)	0.77/1.6	2.49/2.93	3.04/2.79	2.37/1.8	1.4/1.14	0.97/0.63	0.46/0.64	0.83/1.13	0.93/0.73	0.92/1.2	1.06/0.7	0.32/-0.16	-0.16/0.43	0.76/0.93	0.41/-0.86	-2.55/-4.27	-6/-6.79	-6.5/-5.8	-5.46/-5.23	-4.58/-4.63	-5.21/-5.83	-5.11/-3.31	-1.72/-0.8	-0.34/0.03
Θ(52.5°)	-0.7/0.8	2.11/2.88	3.38/3.42	3.13/2.62	2.35/2.1	2.03/1.75	1.43/1.08	1.02/1.16	1.36/1.72	2.2/2.31	1.96/1.43	0.63/-0.42	-1.4/-1.83	-1.17/-0.37	-0.48/-1.42	-3.34/-5.52	-6.75/-7.03	-6.35/-6.17	-6.4/-6.6	-6.26/-5.78	-8.02/-11.52	-12.04/-8.94	-5.35/-3.48	-2.31/-1.81
Θ(60°)	0.31/0.1	0.35/1.41	2.45/3.11	3.02/2.72	2.39/2.19	2.1/1.86	1.59/1.46	1.49/1.65	1.86/2.11	2.69/2.85	2.76/2.25	1.36/-0.11	-2.11/-3.89	-3.29/-1.95	-1.66/-2.99	-5.83/-7.93	-7.55/-5.94	-5.65/-6.26	-6.4/-7.44	-7.01/-5.95	-7.4/-7.88	-4.67/-1.86	-0.37/0.38	0.83/0.62
Θ(67.5°)	3.12/2.49	1.64/0.78	0.96/1.76	1.91/1.78	1.69/1.57	1.42/1.24	1.12/1.41	2.03/2.32	2.82/3.18	3.7/3.78	3.57/2.96	2.27/1.03	-0.03/-0.7	-1.06/-0.82	-1.11/-3.04	-6.17/-7.55	-6.06/-4.28	-3.96/-4.28	-4.7/-6.52	-6.86/-6.72	-7.33/-5.85	-1.83/0.82	2.11/2.77	3.21/3.25
Θ(75°)	4/3.78	3.2/2.14	1.56/1.61	1.62/1.41	1.12/0.98	0.78/0.82	1/1.54	2.19/2.62	3.15/3.66	3.96/4.02	3.54/3.08	2.57/2.49	2.49/1.87	0.7/-0.1	-0.7/-2.14	-5.84/-8.64	-6.33/-3.96	-4.11/-4.91	-6.25/-9.36	-8.84/-9.3	-9.09/-8.42	-4.39/-0.91	1.19/2.15	3.06/3.73
Θ(82.5°)	3.72/3.73	3.17/1.97	1.49/1.45	1.2/0.92	0.49/0.23	0.23/0.6	1.13/1.45	1.68/2.15	2.58/2.97	2.91/2.73	2.52/2.53	3.5/4.12	4.15/3.47	1.85/0.19	-0.57/-1.76	-5.5/-12.43	-8.21/-4.09	-2.46/-1.9	-2.54/-4.86	-5.49/-5.25	-5.5/-5.97	-4.89/-2.83	-0.74/0.72	1.97/3.04
Θ(90°)	2.77/3.34	2.93/1.95	1.52/1.21	0.87/0.58	0.35/0.35	0.83/1.61	2.22/2.46	2.54/2.71	2.96/3.06	2.89/2.81	2.93/3.43	4.09/4.68	4.79/4.31	2.77/0.96	0.36/-0.43	-3.08/-9.12	-12.3/-7.2	-3.53/-1.56	-1.4/-3.12	-4.63/-4.68	-7.04/-8.33	-4.81/-3.15	-2.36/-0.9	0.64/1.79
Θ(97.5°)	2/2.54	2.22/1.75	1.96/2.13	2.04/1.79	1.52/1.43	1.66/2.28	2.73/2.96	2.95/3.14	3.39/3.32	3.1/3.17	3.33/3.6	4.33/4.97	5.46/4.74	3.17/1.09	0.1/-0.52	-2.7/-6.87	-9.97/-6.45	-3.91/-2.81	-2.88/-5.08	-6.14/-6.33	-10.77/-10	-3.92/-1.8	-2.07/-1.31	0.28/1.39
Θ(105°)	1.92/2.29	2.01/1.13	0.88/0.91	0.6/0.26	0.08/0.27	0.56/1	1.6/1.78	2.01/2.34	2.75/2.85	2.81/3.09	3.44/3.43	3.99/4.48	4.73/4.25	2.99/1.3	0.22/-0.08	-1.86/-6.07	-9.37/-6.68	-4.31/-2.98	-3.7/-6.85	-8.71/-8.45	-8.93/-8.94	-5.76/-3.01	-3.18/-2.82	-0.04/1.38
Θ(112.5°)	1.25/1.66	1.89/1.79	1.71/1.59	0.81/0.14	0.09/0.36	0.52/0.68	0.88/1	1.2/1.62	2.17/2.43	2.64/3.04	3/2.85	3.7/4.58	4.92/4.81	4.02/2.47	0.83/-0.25	-2.95/-8.85	-11.81/-7.67	-4.92/-4.2	-5.02/-8.32	-10.54/-12.6	-11.06/-10.69	-9.38/-6.68	-5.12/-4.53	-1.52/0.39
Θ(120°)	1.3/0.96	0.94/0.98	1.47/1.56	1.06/0.25	-0.05/0.28	0.57/0.71	0.63/0.58	0.74/1.13	1.89/2.56	3.09/3.56	3.62/3.26	4.17/4.78	4.66/4.81	3.4/0.61	-2.91/-4.36	-6.9/-12.67	-14.51/-8.57	-5.66/-4.72	-5.62/-7.19	-6.82/-6.8	-7.84/-7.76	-5.42/-3.08	-1.72/-0.96	0.03/1.01
Θ(127.5°)	3.13/2.87	2.58/2.2	2.17/1.86	1.28/0.66	0.53/0.88	1.36/1.65	1.63/1.69	1.85/2.24	2.66/3.19	3.69/3.92	3.98/4.21	4.35/3.77	2.69/1.04	-1.06/-3.21	-3.21/-3.28	-4.45/-7.33	-9.13/-9.79	-8.29/-8.8	-12.23/-12.09	-7.24/-5.4	-4.86/-4.16	-1.92/-0.04	1.13/1.88	2.55/2.99
Θ(135°)	2.99/3.32	3.31/3.21	3.06/2.66	1.8/1.03	0.55/0.59	0.85/1.28	1.52/1.62	1.91/2.39	2.9/3.53	3.96/4.17	4.17/4.14	3.65/2.66	1.58/0.84	0.11/-0.56	-0.98/-2.04	-4.45/-7.66	-11.33/-8.41	-5.22/-4.99	-7.53/-11.37	-12.8/-12.21	-14.77/-10.25	-5.86/-2.39	-0.4/0.81	1.79/2.53
Θ(142.5°)	1.34/1.84	2.1/2.06	1.55/0.83	-0.31/-1.68	-2.18/-1.87	-1.48/-1.11	-0.62/-0.35	0.25/0.96	1.87/2.54	3.07/3.28	3.22/2.98	2.55/1.98	1.51/1.31	0.73/-0.05	-1.45/-3.56	-6.58/-11.03	-11.69/-7.68	-5.6/-5.1	-5.7/-6.46	-6.16/-6.41	-7.27/-8.8	-8.33/-6.57	-4.09/-2.41	-0.88/0.42
Θ(150°)	-0.22/-0.01	-0.16/-0.47	-1.18/-2.04	-3.39/-3.48	-2.46/-1.6	-0.86/-0.39	0.12/0.4	0.82/1.28	1.91/2.43	3.05/3.37	3.56/3.53	3.36/2.99	2.4/1.84	1.31/0.43	-0.58/-2.03	-3.55/-4.91	-5.46/-5.7	-6.08/-6.67	-6.99/-6.19	-4.87/-3.54	-3.16/-2.35	-1.94/-1.4	-1/-0.86	-0.67/-0.35
Θ(157.5°)	1.07/0.45	-0.67/-1.05	-1.66/-1.21	-1.25/-0.91	-0.78/-0.17	0.09/0.44	0.8/1.26	1.78/2.35	2.21/2.9	3.44/3.84	3.88/3.65	3.16/2.62	2.23/2.54	2.01/1.18	0.34/-0.79	-1.67/-2.35	-3.08/-3.96	-5.23/-6.1	-6.53/-6.04	-4.75/-3.29	-2.45/-1.26	-0.27/0.34	0.93/1.28	1.42/1.36
Θ(165°)	1.37/0.6	-0.33/-1.44	-1.44/-1.56	-1.14/-1.27	-1.31/-1.57	-2.08/-2.23	-2.17/-1.62	-0.81/-0.03	1.02/2.02	2.75/3.09	3.26/3.22	2.76/2.25	1.66/0.92	0.22/-0.51	-0.92/-1.29	-1.76/-2.38	-3.34/-4.49	-5.84/-6.48	-6.23/-5.19	-4.18/-2.85	-1.99/-1.22	-0.33/0.55	1.22/1.66	1.87/1.67
Θ(172.5°)	-0.05/-0.94	-1.86/-2.81	-3.98/-4.19	-4.7/-4.98	-5.43/-6.32	-6.76/-7.69	-7.92/-6.56	-5.36/-4.13	-3.06/-2.5	-1.62/-1.12	-1.29/-1.61	-1.89/-2.35	-2.1/-2.09	-1.83/-1.56	-1.58/-2.04	-2.92/-4.17	-5.61/-7.12	-7.73/-6.82	-5.51/-4.35	-3.46/-2.4	-1.81/-1.51	-1.05/-0.37	0.27/0.55	0.67/0.43
Θ(180°)	-1.54/-1.95	-2.9/-3.58	-4.7/-5.96	-7.36/-9.73	-11.48/-11.59	-10.43/-9.14	-7.83/-6.98	-6.14/-6.03	-5.75/-5.41	-5.1/-4.38	-3.73/-3.04	-2.56/-1.91	-1.62/-1.57	-1.71/-2.15	-2.83/-4.12	-5.86/-7.99	-9.86/-9.66	-7.51/-6.26	-5.17/-4.72	-4.59/-4.36	-3.85/-3.62	-3.27/-2.63	-2.06/-1.62	-1.46/-1.52
Freq(Hz)	2.45G/Pol.	Theta/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
DG(dBi)	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-2.71/-2.97	-3.49/-4.02	-4.6/-4.51	-3.8/-2.64	-1.97/-1.71	-1.67/-1.79	-2.31/-2.57	-2.41/-2.36	-2.05/-2.03	-2.02/-2.16	-2.31/-2.52	-2.63/-2.84	-3.06/-3.41	-3.97/-4.95	-4.81/-4.62	-3.39/-2.29	-1.72/-1.19	-0.72/-0.57	-0.45/-0.6	-0.91/-1.36	-1.77/-2.12	-2.55/-2.41	-2.23/-2.38	-2.16/-2.32
Θ(7.5°)	-2.75/-3.25	-3.43/-3.65	-3.58/-3.14	-2.2/-1.23	-0.51/-0.2	-0.13/-0.53	-1.28/-1.81	-2.61/-2.9	-3.11/-3.17	-3.1/-3.07	-3.07/-2.86	-3.18/-3.47	-4.08/-4.66	-5.74/-6.24	-6.05/-5.79	-4.41/-3.57	-2.79/-2.2	-1.82/-1.39	-1.04/-0.96	-0.96/-0.96	-1.18/-1.42	-1.69/-1.87	-2.06/-2.16	-2.2/-2.3
Θ(15°)	-3.06/-3.56	-3.82/-3.23	-2.2/-1.42	-0.4/0.41	1.03/1.32	1.26/0.92	0.18/-0.63	-1.39/-2.08	-2.57/-2.74	-2.95/-3.07	-3.22/-3.32	-3.48/-3.88	-4.26/-4.81	-5.94/-6.89	-6.46/-5.94	-4.58/-3.76	-3.12/-2.7	-2.02/-1.66	-1.23/-0.79	-0.71/-0.61	-0.84/-1.12	-1.69/-1.84	-2.23/-2.63	-2.64/-2.79
Θ(22.5°)	-3.52/-3.75	-3.92/-2.6	-1.17/-0.11	0.76/1.45	1.95/2.11	1.97/1.31	0.58/-0.31	-0.99/-1.55	-1.72/-1.96	-2.24/-2.58	-2.96/-3.06	-3.58/-3.63	-3.97/-4.64	-4.8/-5.08	-5.34/-5.24	-4.96/-4.1	-3.27/-2.56	-1.99/-1.64	-1.13/-0.93	-0.78/-0.92	-1.12/-1.5	-2.05/-2.46	-2.78/-2.76	-2.89/-3.19
Θ(30°)	-3.56/-4.34	-3.82/-2.52	-0.93/0.21	1.16/1.97	2.47/2.51	2.32/1.65	0.87/-0.17	-0.65/-0.94	-0.9/-0.69	-0.64/-1.03	-1.32/-1.65	-2.12/-2.61	-2.78/-2.83	-2.77/-2.84	-3.14/-3.91	-4.5/-4.56	-3.71/-3.16	-2.62/-2.52	-2.65/-2.98	-3.38/-3.38	-3.26/-3.16	-3.02/-2.71	-2.61/-2.59	-2.78/-3.14
Θ(37.5°)	-4.17/-4.68	-4.23/-2.9	-1.46/-0.16	1.08/1.95	2.41/2.69	2.58/2.17	1.44/0.64	0.14/0.04	-0.13/-0.34	-0.53/-0.75	-0.82/-1.32	-2/-2.61	-2.48/-2.3	-2.04/-1.93	-2.16/-2.83	-3.93/-4.75	-4.71/-4.36	-4.25/-4.52	-5.4/-6.77	-6.97/-6.11	-4.56/-3.53	-2.91/-2.48	-2.3/-2.61	-2.96/-3.57
Θ(45°)	-5.76/-6.1	-6.1/-5.37	-3.81/-2.2	-0.62/0.63	1.34/1.9	2.03/2.07	1.86/1.41	0.97/0.55	0.19/-0.23	-0.93/-1.7	-2.1/-2.81	-3.15/-3.49	-3.45/-3.02	-2.66/-2.55	-2.63/-3.42	-5.07/-6.49	-6.7/-6.22	-5.5/-5.26	-5.37/-5.33	-5.69/-4.61	-3.35/-2.39	-1.93/-1.97	-2.51/-3.45	-4.41/-5.15
Θ(52.5°)	-7.83/-8.53	-9.31/-9.2	-8.29/-5.72	-3.61/-2	-0.92/0.21	1.07/1.75	1.89/1.78	1.24/0.42	-0.7/-1.97	-3.31/-3.76	-4.09/-4.26	-4.46/-4.26	-3.97/-3.91	-3.96/-4.23	-4.28/-5.14	-5.79/-5.18	-4.5/-4.89	-5.83/-6.04	-5.64/-5.79	-6.59/-6.16	-4.54/-3.24	-2.52/-2.67	-3.49/-5.06	-7.01/-7.87
Θ(60°)	-8.77/-9.58	-9.29/-8.72	-8.76/-7.18	-5.2/-4.08	-3.24/-1.82	-0.24/0.89	1.26/1.06	0.12/-1.44	-3.59/-5.12	-6.02/-5.61	-5.25/-4.9	-4.86/-4.77	-4.35/-4.06	-3.97/-3.99	-3.73/-3.54	-3.26/-3.44	-4.15/-5.84	-8.07/-8.87	-9.59/-11.36	-12.19/-10.21	-7.14/-4.83	-3.64/-3.22	-3.62/-5.12	-7.54/-8.71
Θ(67.5°)	-9.73/-10.31	-9.87/-7.85	-7.24/-5.65	-3.76/-2.83	-2.87/-1.94	-0.92/-0.37	-0.29/-0.69	-2.01/-4.34	-7.28/-8.46	-7.1/-6.07	-5.6/-5.92	-6.29/-6.72	-7.06/-5.17	-4.1/-3.7	-3.62/-4.02	-4.98/-6.4	-8.93/-12.03	-13.33/-12.7	-10.38/-8.58	-7.21/-6.25	-4.97/-4.3	-4.13/-4.21	-4.64/-5.6	-7.47/-9.39
Θ(75°)	-11.32/-12.63	-11.9/-9.29	-8.91/-7.41	-4.69/-3.33	-2.88/-2.08	-1.25/-1.18	-1.59/-2.25	-3.93/-6.81	-10.2/-9.58	-7.2/-5.47	-4.76/-5.32	-6.91/-9.08	-9.3/-7.54	-6.35/-6.17	-6.07/-5.93	-5.99/-5.51	-5.34/-6.06	-7.95/-9.71	-8.87/-7.39	-6.47/-5.28	-4.68/-4.86	-5.18/-6.28	-8.45/-9.25	-9.91/-10.25
Θ(82.5°)	-9.41/-11.45	-11.55/-9.13	-7.82/-8.34	-6.58/-5.08	-4.22/-3.03	-1.97/-1.64	-1.63/-2.15	-3.6/-6.88	-10.97/-9.82	-6.71/-6.15	-5.7/-6.18	-9.54/-14.12	-13.02/-9.33	-7.91/-6.85	-5.37/-4.79	-3.98/-3.36	-3.75/-5.08	-7.89/-11.18	-11.44/-9.88	-8.53/-6.89	-6.19/-6.51	-6.31/-6.42	-8.64/-10.76	-9.66/-8.83
Θ(90°)	-7.71/-8.76	-10.08/-8.39	-6.7/-6.71	-6.58/-6.38	-6.69/-5.08	-3.16/-2.33	-2/-2.1	-3.07/-5.5	-9.77/-10.46	-10.52/-13.81	-12.58/-11.09	-15.6/-12.09	-9.66/-8.33	-7.61/-6.65	-6.1/-6	-5.45/-4.7	-5.29/-6.75	-9.95/-12.32	-11.11/-9.62	-12.06/-11.36	-10.61/-10.71	-9.43/-9.02	-9.73/-10.61	-8.71/-7.46
Θ(97.5°)	-7.47/-7.24	-7.55/-6.82	-5.59/-4.76	-4.17/-4.35	-5.02/-5.4	-4.85/-4.55	-4.51/-4.62	-5.55/-7.91	-11.34/-12.06	-12.97/-15.35	-10.82/-9.27	-11.31/-8.24	-6.35/-5.74	-5.66/-5.5	-5.68/-6.19	-5.12/-3.97	-3.73/-4.83	-6.94/-8.23	-7.4/-7.73	-11.84/-13.18	-10.45/-10.64	-10.87/-12.05	-13.35/-11.75	-9.17/-7.72
Θ(105°)	-5.79/-5.97	-6.11/-6.79	-7.15/-6.14	-5.14/-4.47	-3.79/-3.11	-2.58/-2.47	-3.03/-3.74	-4.46/-6	-7.47/-7.93	-9.87/-15.41	-13.07/-11.32	-11.21/-7.61	-5.65/-4.86	-4.27/-3.7	-4.71/-5.13	-3.88/-2.48	-2.82/-4.11	-5.63/-6.83	-6.33/-6.33	-9.05/-13.36	-12.75/-11.15	-10.95/-11.06	-13.32/-9.24	-6.49/-5.67
Θ(112.5°)	-4.25/-3.81	-3.23/-3.28	-3.84/-4.17	-4.06/-4.41	-4.96/-4.52	-3.43/-2.95	-2.79/-2.63	-2.92/-3.92	-4.96/-5.77	-8.78/-14.03	-13.62/-11.43	-9.54/-6.06	-4.71/-4.6	-3.44/-2.88	-4.22/-4.73	-3.24/-2.52	-3.18/-5.13	-7.8/-8.7	-6.91/-6.56	-8.79/-11.1	-10.03/-9.06	-8.81/-8.92	-9.55/-7.93	-4.88/-3.93
Θ(120°)	-5.78/-6.4	-4.91/-4.06	-3.71/-2.98	-2.22/-1.95	-1.83/-2.03	-1.83/-1.59	-1.7/-2.2	-2.69/-3.87	-5.1/-6.19	-9.37/-15.37	-15.29/-14.75	-15.22/-8.89	-6.7/-4.89	-2.85/-2.2	-3.04/-3.24	-1.51/-0.86	-1.53/-2.85	-5.31/-7.54	-7.31/-7.21	-9.29/-11.18	-10.33/-10.63	-10.95/-8.87	-8.76/-8.82	-6.06/-4.96
Θ(127.5°)	-3.64/-4.78	-5.2/-5.22	-5.13/-4.48	-3.67/-2.47	-1.45/-0.68	-0.07/0.25	0.25/-0.35	-1.33/-2.1	-2.84/-3.9	-7.18/-12.01	-14.55/-15.35	-8.68/-5.76	-4.65/-2.73	-1.41/-1.66	-3.05/-3.2	-2.02/-1.99	-2.62/-3.44	-4.68/-5.29	-4.71/-4.85	-7.29/-8.2	-8.69/-9.73	-12.39/-9.71	-6.67/-5.07	-3.77/-3.11
Θ(135°)	-3.7/-3.56	-3.31/-3.11	-2.75/-2.29	-1.94/-1.34	-0.87/-0.1	0.46/0.86	1.2/1.12	0.79/0.19	-0.95/-2.85	-6.07/-10.19	-12.89/-11.52	-8.87/-7.45	-7.9/-6.84	-5.44/-4.98	-4.58/-2.62	-1.21/-0.93	-1.27/-2.17	-3.2/-4.17	-4.46/-5.31	-7.04/-7.43	-6.24/-6.24	-7.64/-9.03	-9.14/-8.1	-5.85/-4.36
Θ(142.5°)	-7.57/-6.11	-4.7/-3.52	-2.24/-0.86	0.05/0.85	1.3/1.53	1.65/1.73	1.66/1.52	1.17/0.47	-0.84/-2.63	-4.82/-6.85	-8.81/-11.59	-14.13/-15.17	-11.33/-6.96	-3.79/-1.6	0.12/1.22	1.45/1.08	0.25/-1.1	-3.27/-5.57	-8.49/-9.44	-9.35/-8.17	-6.84/-5.53	-4.92/-4.89	-5.48/-6.95	-9.02/-8.93
Θ(150°)	-9.57/-9.21	-7.89/-6.14	-3.63/-1.68	0.01/1.38	2.31/3	3.46/3.74	3.81/3.64	3.04/2.26	0.83/-0.87	-3.12/-5.82	-9.08/-12.08	-11.35/-8	-4.78/-2.61	-1.17/0.24	1.1/1.41	1.18/0.19	-1.1/-2.84	-5.1/-8.68	-10.68/-9.21	-8.73/-8.21	-8/-7.95	-6.53/-5.25	-4.86/-5.21	-6.22/-8.25
Θ(157.5°)	-8.14/-10.11	-11.2/-10.06	-6.73/-3.76	-1.62/0.22	1.6/2.83	3.66/4.29	4.43/4.34	3.71/2.75	1.34/-0.65	-3.31/-6.49	-10.47/-15.93	-12.02/-7.79	-4.87/-3.42	-2.61/-2.1	-2.2/-2.77	-3.73/-4.75	-5.31/-4.63	-4.27/-4.11	-4.12/-4.74	-5.99/-6.53	-7.34/-7.86	-7.88/-7.18	-6.75/-6.06	-6/-7.01
Θ(165°)	-6.93/-7.76	-9.24/-9.09	-10.05/-7.74	-5.76/-3.94	-2.33/-0.82	0.31/1	1.25/1.15	0.71/-0.13	-1.36/-2.49	-3.86/-5.51	-7.63/-10.75	-11.02/-9.87	-8.48/-8.89	-9.59/-11.75	-12.08/-10.15	-6.86/-4.15	-2.23/-0.93	-0.34/-0.33	-0.92/-1.74	-3.14/-4.2	-5.23/-5.99	-7.57/-8.53	-8.5/-7.68	-6.6/-6.41
Θ(172.5°)	-6.1/-6.2	-6.19/-5.95	-6.44/-6.3	-6.18/-5.9	-5.95/-6.26	-6.18/-6.02	-5.4/-5.06	-4.97/-4.73	-4.44/-4.67	-5.4/-6.16	-7/-8.18	-9.56/-10.23	-11.09/-11.5	-10.09/-7.68	-5.84/-3.97	-2.08/-0.98	-0.01/0.48	0.36/0.32	-0.17/-0.82	-1.74/-2.85	-3.96/-5.48	-7.58/-9.69	-9.81/-8.68	-7.51/-6.63
Θ(180°)	-6.4/-5.87	-5.75/-5.22	-4.55/-4.11	-3.6/-3.68	-3.43/-3.38	-3.28/-3.42	-3.35/-3.4	-3.53/-3.92	-4.16/-4.5	-5.05/-5.87	-6.6/-7.41	-7.37/-7.1	-6.43/-5.47	-4.62/-3.61	-2.79/-1.85	-1.43/-1.16	-0.87/-0.92	-1.15/-1.43	-1.75/-2.16	-2.77/-3.93	-5.3/-7.03	-8.56/-9.55	-9.36/-8.86	-8.2/-7.26
Freq(Hz)	5.2G/Pol.	Phi/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
DG(dBi)	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120`)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ (337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	1.37/1.53	1.32/0.75	-0.29/-1.19	-2.2/-2.76	-3.06/-4.08	-5.23/-6.17	-6.35/-6.71	-6.72/-5.61	-3.98/-2.92	-1.73/-0.9	-0.23/0.37	0.76/1.14	1.04/0.79	0.38/-0.14	-0.52/-1.2	-1.94/-3.19	-4.24/-5.72	-5.63/-5.92	-6.73/-7.87	-8.15/-6.3	-4.12/-2.89	-1.88/-1.5	-0.81/-0.27	0.35/1.01
Θ(7.5°)	0.31/0.7	0.5/-0.19	-1.14/-1.98	-2.77/-3.42	-4.37/-5.36	-6.16/-6.93	-7.53/-7.33	-7.04/-6.09	-4.44/-2.88	-1.73/-0.71	-0.07/0.37	0.82/1.22	1.37/1.35	0.86/0.21	-0.47/-1.11	-2.06/-2.79	-3.6/-4.49	-5.21/-6.34	-7.06/-7.32	-6.73/-5.48	-3.84/-2.54	-1.61/-0.95	-0.59/-0.39	-0.47/-0.26
Θ(15°)	-0.69/-0.46	-0.57/-0.88	-1.6/-2.24	-2.78/-3.6	-4.26/-5.03	-6.69/-7.32	-7.77/-7.55	-7.17/-4.93	-3.06/-1.6	-0.79/0.11	0.5/1.03	1.54/2.13	2.22/2.08	1.35/0.42	-0.88/-2.35	-3.53/-4	-4.51/-5.85	-6.43/-7.42	-7.65/-8.02	-8.21/-7.11	-6.26/-4.81	-3.39/-2.01	-1.35/-1.15	-1.03/-1.16
Θ(22.5°)	0.74/0.67	0.07

Θ(15°)	-0.03/-0.08	0.01/-0.13	-0.57/-1.42	-2.44/-3.84	-4.58/-4.56	-4.85/-6.13	-7.06/-7.29	-6.44/-5.39	-3.47/-2.07	-0.63/0.21	0.72/1.45	1.92/1.84	1.91/1.92	1.76/1.03	0.04/-1.3	-2.74/-4.24	-5.55/-5.57	-6.11/-7.35	-8.56/-8.32	-8.14/-6.74	-5.33/-3.91	-2.98/-2.41	-1.57/-0.65	-0.85/-0.38
Θ(22.5°)	0.38/-0.25	-0.11/0	0.08/-0.47	-1.03/-2.04	-3.32/-4.47	-4.46/-4.1	-4.79/-5.89	-6.13/-5.26	-3.6/-2.27	-1.08/0.26	1.2/1.61	1.61/1.7	1.58/1.34	0.96/-0.03	-1.72/-3.57	-5.06/-6.65	-7.59/-7.87	-6.47/-6.67	-9.15/-11.68	-12.96/-11.95	-8.24/-4.69	-3.03/-1.91	-1.05/-0.29	0.18/0.39
Θ(30°)	-0.21/-0.09	0.07/-0.21	-0.08/-0.98	-1.67/-2.33	-3/-3.33	-4.35/-4.32	-4.31/-4.41	-5.4/-4.43	-2.7/-1.43	-0.63/0.14	0.98/1.59	1.92/2.3	2.03/1.12	0.33/-0.16	-0.23/-0.63	-1.81/-3.58	-5.65/-7.96	-9.63/-9.23	-9.86/-10.56	-10.15/-8.7	-7.46/-6.63	-5.4/-4.74	-2.93/-1.49	-0.55/0.02
Θ(37.5°)	0.07/-1.39	-1.47/-0.14	0.28/-0.19	-1.22/-2.2	-3.13/-4.12	-4.61/-4.04	-4.01/-5.4	-6.04/-5.28	-4.02/-2.32	-1.02/-0.63	-0.22/0.2	0.59/0.7	0.38/-0.16	-0.05/-0.23	-0.61/-1.25	-2.73/-4.58	-6.8/-8.35	-7.51/-6.57	-7.42/-8.14	-8.6/-8.38	-5.85/-4.84	-5.62/-4.71	-3.18/-1.54	0.07/0.44
Θ(45°)	0.06/-0.66	-0.77/-0.5	-0.04/-0.27	-1.12/-1.77	-2.44/-4.23	-5.6/-4.68	-4.22/-4.77	-5.99/-5.62	-4.18/-3.19	-2.05/-1.41	-1.41/-1.05	-0.45/0.09	0.57/-0.22	-1.57/-1.92	-1.37/-1.57	-2.93/-4.62	-4.95/-6.58	-9.86/-9.14	-8.98/-10.04	-8.34/-7.56	-9.58/-12.2	-10.55/-8.42	-4.82/-3.64	-1.81/-0.63
Θ(52.5°)	0.02/0.29	-0.37/-0.1	-0.12/-0.91	-1.8/-2.52	-2.86/-3.71	-3.67/-4.52	-4.66/-4.54	-4.23/-3.83	-2.91/-2.06	-1.48/-0.94	-1.05/-0.31	-0.22/-1.24	-2.29/-2.28	-1.91/-1.55	-2.15/-4.13	-5.38/-5.83	-5.86/-7.53	-10.45/-11.92	-9.21/-9.73	-12.25/-12.96	-10.69/-9.12	-6.5/-4.23	-2.51/-1.32	-0.31/-0.41
Θ(60°)	-0.49/0.52	0.47/-0.11	-0.72/-1.28	-1.78/-2.08	-2.71/-2.74	-2.4/-3.68	-5.2/-5.24	-4.38/-5.01	-4.6/-4.6	-4.22/-2.96	-3.52/-2.96	-2.29/-0.36	0.73/0.97	0.23/-0.98	-2.64/-4.18	-6.77/-8.02	-8.53/-8.33	-14.4/-14.02	-10.96/-11.54	-10.95/-11.12	-10.01/-10.16	-12.1/-6.42	-3.26/-1.04	-0.94/-1.16
Θ(67.5°)	-1.47/0.34	0.29/-0.6	-1.61/-1.94	-2.22/-2.65	-3.06/-2.9	-3.24/-2.96	-2.95/-3.14	-2.63/-2.89	-3.61/-3.54	-2.83/-2.51	-2.18/0.52	1.74/0.86	-0.44/-2.75	-1.45/-1.32	-1.96/-4.2	-4.78/-7	-11.17/-9.92	-11.63/-14.52	-11.26/-12.66	-12.63/-10.93	-10.2/-10.26	-8.93/-7.58	-3.99/-1.81	-1.69/-2.94
Θ(75°)	-1.36/-0.7	-1.16/-1.32	-1.44/-1.26	-1.34/-1.63	-2.34/-1.87	-2.53/-2.32	-1.84/-2.35	-2.14/-1.82	-2.77/-3.3	-1.3/-0.02	-0.36/0.2	-0.6/-2.2	-1.27/-1.06	-1.29/-2.44	-3.47/-8.49	-10.62/-10.45	-10.14/-6	-7.88/-12.75	-14.04/-11.56	-10.8/-9.57	-5.58/-6	-7/-4.68	-2.55/-3.1	-3.54/-2.98
Θ(82.5°)	-0.91/-1.59	-2.09/-2.1	-0.48/0.03	-1.52/-2.4	-2.03/-2	-3.11/-2.38	-2.02/-2.31	-2.11/-1.43	-3.13/-3.96	-1.99/-1.23	-1.84/-0.03	1.08/0.59	0.09/-1.54	-3.74/-4.76	-4.94/-6.35	-9.87/-5.48	-8.61/-9.94	-6.21/-12.08	-13.63/-10.05	-15.14/-11.23	-10.03/-5.45	-2.63/-1.99	-2.83/-4.93	-2.91/-1.43
Θ(90°)	-0.57/-3.33	-1.47/-0.39	-0.44/0.06	-0.89/-2.15	-1.63/-1.75	-2.52/-1.8	-1.24/-1.61	-0.86/-0.44	-0.9/-0.95	-0.05/0.07	-0.48/-0.08	-0.52/-1.06	1.5/2.64	0.53/-5.43	-6.81/-6.54	-4.51/-4.25	-6.99/-12.99	-11.17/-12.79	-13.95/-11.73	-9.5/-15.92	-8.62/-8.35	-6.24/-5.88	-4.37/-3.85	-1.53/0.23
Θ(97.5°)	-3.55/-2.09	-0.37/-1.83	-0.87/-0.2	-1.57/-2.25	-2.32/-2.31	-1.46/-1.29	-2.48/-2.97	-1.19/-0.14	-0.86/-2.12	-0.46/0.57	0.85/1.71	1.83/1.06	0.75/0.5	0.34/-1	-3.05/-6.02	-8.6/-5.96	-4.19/-7.78	-14.27/-13.77	-15.12/-15.05	-12.95/-16.13	-13.57/-6.79	-6.82/-4.6	-4.32/-3.09	-0.79/-0.74
Θ(105°)	-2.69/-2.22	-0.69/-1.71	-1.87/-0.91	-1.66/-1.9	-2.33/-2.38	-2.21/-1.51	-1.82/-2.24	-0.75/0.21	-0.27/-0.32	0.43/-0.03	-0.84/0.5	1.64/1.41	1.81/1.94	1.65/-1.88	-4.74/-6.72	-4.66/-8.39	-7.98/-7.36	-7.64/-14.1	-15.67/-10.14	-11.15/-9.87	-6.93/-9.5	-9.66/-7.42	-7.51/-4.3	-1.81/-1.27
Θ(112.5°)	-4.67/-1.86	-0.89/-2.25	-1.57/-0.62	-1.45/-2.34	-3.03/-3.07	-2.58/-2.22	-2.94/-3.43	-1.58/0.27	0.27/-1.03	-0.79/0.61	1.42/2.37	2.15/0.5	-0.69/-1.51	-1.17/-1.99	-5.65/-8.05	-4.95/-7.54	-13.13/-12.47	-11.63/-15.14	-13.95/-11.69	-10.9/-12.48	-10.95/-4.51	-7.64/-8.96	-7.09/-6.22	-2.96/-2.77
Θ(120°)	-5.01/-2.41	-1.73/-2.98	-2.91/-0.92	-0.89/-1.89	-3.04/-3.5	-3.66/-3.97	-4.18/-3.52	-1.42/-0.06	0.13/1.01	2.02/1.58	-0.86/0.66	1.42/0.53	-0.58/-1.16	-2.93/-3.45	-3.23/-3.34	-5.47/-9.65	-9.74/-10.65	-12.77/-12.53	-12.48/-15.41	-15.39/-15.87	-12.55/-15.01	-9.57/-7.61	-6.52/-4.21	-4.29/-6.01
Θ(127.5°)	-2.01/-2.22	-1.37/-0.89	-1.16/-3.29	-3.24/-2.68	-3.31/-4.22	-4.51/-4.55	-4.54/-3.46	-1.17/0.61	1.6/2.01	1.97/2.05	2.77/3.01	1.97/-0.53	-1.18/0.94	0.12/-1.61	-2.61/-5.88	-9.21/-10.75	-15.22/-14.41	-14.74/-13.73	-9.86/-12.48	-13.44/-12.09	-14.02/-15.4	-9.39/-4.16	-2.84/-2.35	-1.97/-1.66
Θ(135°)	-1.23/-0.93	-1.97/-2.6	-4.02/-4.67	-4.45/-4.13	-6.23/-8.18	-6.5/-3.99	-3.25/-2.99	-2.13/-1.6	-0.46/0.4	1.16/1.88	2.47/3.63	4.34/4.47	3.03/1.3	-0.48/-0.44	-3.69/-6.98	-8.91/-13.91	-7.65/-8.9	-14.81/-15.25	-14.77/-15.27	-12.99/-13.51	-11.74/-12.31	-12.43/-11.82	-8.16/-9.01	-5.73/-1.64
Θ(142.5°)	-6.33/-2.78	-0.19/0.36	-1.08/-4.22	-6.82/-6.13	-6.27/-7.91	-8.65/-8.51	-7.45/-5.83	-4.72/-2.85	-1.15/-0.22	0.55/1.56	2.3/2.55	2.57/2.23	2.14/1.7	0.53/-0.71	-6.31/-2.33	-6.31/-11.47	-13.16/-9.31	-9.94/-12.28	-15.58/-15.47	-10.77/-8.51	-9.2/-10.61	-8.31/-5.6	-3.64/-2.96	-2.84/-5.04
Θ(150°)	-6.69/-6.03	-2.37/-0.22	0.6/0.24	-1.35/-3.97	-7.82/-9.5	-10.62/-10.64	-7.64/-4.69	-2.35/-0.6	0.71/1.82	2.77/3.47	3.37/2.95	2.01/1.12	0.1/-1.5	-2.85/-2.83	-3.14/-3.43	-3.04/-3.77	-6.32/-9.48	-9.7/-13.07	-15.06/-15.42	-14.39/-12.81	-11.62/-10.09	-7.61/-5.67	-4.1/-3.71	-4.02/-5.09
Θ(157.5°)	-2.39/-3.03	-3.12/-2.56	-2.11/-1.77	-2.18/-3.71	-6.38/-10.06	-10.65/-8.6	-6.7/-4.77	-3.09/-1.13	0.57/1.94	2.56/2.29	1.6/0.49	-0.77/-2.25	-2.13/-1.32	-0.48/-0.23	-0.32/-1.18	-3.08/-6.54	-11.8/-14.12	-14.79/-12.68	-12.41/-13	-16.12/-14.69	-11.79/-9.52	-6.61/-4.58	-3.14/-2.21	-1.71/-1.82
Θ(165°)	-2.59/-2.91	-3.29/-2.65	-2.07/-1.73	-2.04/-3.41	-5.39/-8.94	-10.17/-8.77	-7.91/-5.77	-3.94/-2.29	-1/-0.35	-0.24/-0.42	-0.94/-1.39	-1.45/-1.31	-0.96/-0.62	-0.34/-0.58	-1.65/-3.87	-7.46/-12.06	-14.15/-13.21	-11.59/-10.35	-9.03/-9.51	-9.84/-9.31	-7.14/-5.89	-4.14/-3.35	-2.13/-1.55	-1.45/-1.7
Θ(172.5°)	-4/-3.4	-2.44/-1.87	-2.09/-2.91	-4/-5.5	-7.28/-9.84	-9.36/-7.03	-5.9/-5.89	-5.04/-4.12	-2.72/-2.08	-1.53/-1.65	-1.87/-1.82	-1.04/-0.71	-1.15/-2.52	-4.35/-7.03	-10.42/-14.02	-13.64/-13.4	-13.66/-13.79	-12.71/-11.2	-11.35/-12.37	-11.49/-10.24	-9.67/-9.53	-9.07/-7.74	-5.93/-4.88	-4.47/-4.4
Θ(180°)	-3.09/-2.96	-3.18/-3.35	-3.77/-4.75	-6.7/-8.46	-9.96/-12.04	-12.25/-10.71	-9.57/-9.54	-8.24/-7.21	-5.72/-4.14	-3.51/-4.05	-4.55/-4.51	-4.98/-6.25	-7.51/-9.92	-11.95/-12.65	-10.99/-9.89	-8.87/-9.17	-11.71/-15.5	-15.32/-15.82	-15.19/-14.36	-12.28/-10.69	-9.36/-8.79	-6.31/-4.46	-3.08/-3.08	-3.02/-2.96
Freq(Hz)	5.3G/Pol.	Theta/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
DG(dBi)	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ (105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-5.82/-6.33	-7.45/-7.22	-7/-5.53	-4.24/-3.04	-2.19/-0.87	-0.1/0.44	0.66/0.43	0.14/-0.2	-0.66/-0.85	-1.95/-3.16	-4.08/-4.6	-5.63/-6.21	-7.81/-9.21	-11.2/-10.23	-7.94/-5.41	-3.54/-2.8	-2.24/-1.45	-0.73/-0.55	-0.32/0.09	0.61/0.58	0.01/-0.75	-1.02/-1.83	-2.67/-3.46	-4.53/-5.59
Θ(7.5°)	-7.93/-8.7	-8.97/-8.62	-8.55/-6.81	-4.66/-3.14	-2.53/-1.58	-0.43/0.4	0.77/0.43	0.02/-0.09	-0.35/-0.45	-1.28/-2.26	-3/-3.93	-4.37/-5.39	-6.55/-7.75	-8.69/-6.99	-4.91/-2.86	-1.64/-0.59	0.09/0.18	0.45/0.49	0.28/0.04	-0.17/-0.32	-0.72/-1.32	-1.78/-2.43	-3.38/-4.93	-6.06/-7.17
Θ(15°)	-9.46/-10.91	-10.13/-7.83	-6.38/-4.97	-2.73/-0.9	-0.07/0.01	0.2/0.86	1.47/1.61	1.21/0.62	0.53/0.53	0.3/-0.42	-1.44/-1.9	-2.89/-3.49	-4.48/-5.97	-7.06/-5.5	-4.13/-2.65	-1.33/-0.06	0.78/0.86	0.63/1.04	1.05/0.31	-1.22/-1.54	-1.69/-2.03	-2.66/-3.49	-4.16/-5.75	-6.74/-8.14
Θ(22.5°)	-9.41/-10.57	-9.77/-7.82	-5.88/-4.08	-2.14/-0.51	0.35/1.05	1.31/1.89	2.53/2.88	2.61/1.94	0.92/0.61	0.35/-0.35	-1.03/-1.7	-2.69/-3.2	-4.85/-6.63	-8.41/-7.37	-6.57/-5.07	-4.21/-3.47	-2.42/-1.89	-1.54/-1.04	-0.83/-1.93	-2.95/-3.19	-2.82/-2.58	-2.53/-3.18	-4.71/-6.46	-7.77/-8.72
Θ(30°)	-11.26/-14.89	-12.85/-9	-5.05/-3.72	-2.98/-1.96	-0.47/0.89	1.23/1.63	2.18/2.76	2.73/2.49	1.77/0.62	-0.61/-1.45	-1.69/-2.22	-2.69/-3.95	-6.95/-10.2	-10.82/-10.03	-8.62/-8.73	-7.89/-6.22	-4.56/-3.61	-3.52/-4.44	-5.18/-5.55	-5.4/-4.58	-5.02/-4.67	-4.2/-4.55	-5.29/-5.93	-7.58/-9.34
Θ(37.5°)	-10.44/-12.87	-13.59/-12.05	-5.59/-3.57	-2.53/-0.66	0.19/1.15	0.85/0.39	0.56/1.44	2.04/2.18	1.41/-0.16	-2.1/-2.8	-2.61/-3.47	-4.98/-8.75	-10.77/-10.22	-10.17/-10.62	-10.48/-9.21	-8.19/-6.49	-4.85/-4.54	-5.11/-4.87	-5.38/-6.32	-6.52/-6.27	-5.67/-6.09	-6.1/-6.33	-6.87/-7.21	-7.32/-8.86
Θ(45°)	-10.75/-10.49	-9.64/-10.17	-7.38/-5.07	-2.67/-0.54	0.79/0.53	-0.1/-0.26	0.29/0.8	0.87/0.84	0.8/0.25	-1.64/-3.31	-3.63/-5.03	-7.68/-7.91	-6.74/-6.58	-8.26/-11.65	-10.32/-9.31	-7.29/-7.86	-7.3/-7.85	-9.23/-8.28	-8.83/-10.78	-7.43/-4.87	-5.75/-7.54	-8.84/-8.44	-7.62/-7.4	-8.04/-10.66
Θ(52.5°)	-10.44/-9.72	-10.19/-7.58	-4.04/-4.2	-5.55/-2.11	-0.24/-0.23	-1.01/-0.82	0.05/0.13	-0.39/-0.27	0.1/-0.59	-2.23/-4.48	-5.02/-5.64	-6.22/-5.28	-5.21/-7.9	-12.48/-13.93	-8.57/-7.83	-10.9/-10.03	-11.47/-9.26	-8.66/-9.51	-9.7/-11.04	-9.29/-8.86	-6.9/-8.34	-10.07/-10.04	-9.6/-7.58	-8.9/-11.02
Θ(60°)	-13.57/-8.64	-6.32/-6.42	-4.69/-3.33	-3.63/-2.77	-1.99/-1.57	-1.86/-1.69	-1.75/-2.39	-2.54/-2.82	-2.6/-2.47	-3.78/-3.9	-3.68/-5.11	-6.84/-6.14	-6.15/-8.19	-12.47/-10.52	-7.13/-7.31	-7.93/-8.54	-10.68/-12.11	-12.89/-13.14	-15.36/-13.08	-11.14/-5.74	-7.46/-12.55	-11.11/-9.39	-7.79/-6.15	-8.19/-14.42
Θ(67.5°)	-11.53/-9.97	-10.09/-6.27	-3.63/-3.48	-3.85/-3.83	-3.09/-2.54	-2/-2.15	-3.1/-3	-4.09/-5.73	-4.69/-4.85	-4.95/-4.56	-4.6/-5.34	-6.47/-7.83	-8.26/-10.67	-12.29/-10.91	-7.55/-5.57	-8.55/-12.41	-12.19/-9.06	-7.84/-8.11	-9.7/-14.85	-11.58/-9.65	-8.09/-8.84	-9.27/-10.05	-9.58/-6.17	-9.65/-11.78
Θ(75°)	-13.44/-10.68	-10.28/-8.67	-5.95/-4.94	-5.28/-5.19	-5.04/-4.34	-3.71/-4.89	-5.46/-4.37	-3.4/-4.23	-5.77/-7.14	-4.68/-3.34	-5.11/-7.52	-9.4/-10.61	-10.37/-8.81	-10.59/-9.19	-11.06/-7.77	-7.28/-10.32	-11.28/-8.91	-9.15/-11.74	-14.59/-13.96	-14.27/-11.46	-11.51/-9.53	-10.93/-8.02	-8.55/-5.88	-9.24/-13.02
Θ(82.5°)	-13.25/-11.14	-9.24/-8.91	-8/-6.53	-6.08/-5.91	-4.29/-3.85	-4.91/-5.82	-6.98/-7.78	-7.78/-6.61	-5.2/-6.91	-7/-6.36	-8.59/-8.78	-6.19/-6.88	-7.47/-7.37	-9.16/-11.65	-11.44/-11.59	-10.03/-9	-8.23/-9.63	-14.66/-10.79	-8.7/-9.72	-9.46/-10.99	-10.55/-12.91	-13.84/-12.58	-8.47/-7.2	-9.24/-11.75
Θ(90°)	-11.19/-10.98	-10.45/-8.57	-7.92/-7.58	-6.36/-4.08	-3.59/-4.12	-6.48/-8.15	-7.99/-7.54	-8.3/-8.49	-8.52/-7.61	-7.38/-7.03	-10.02/-9.29	-5.47/-6.85	-6.78/-4.96	-5.89/-9.71	-10.28/-7.9	-6.42/-9.36	-9.64/-6.75	-10.32/-13.59	-11.53/-12.76	-14.34/-13.73	-15.17/-12.54	-10.8/-11.72	-10.61/-10	-10.84/-11.09
Θ(97.5°)	-13.35/-12.06	-10.74/-7.63	-6.52/-6.53	-5.38/-4.65	-3.73/-3.39	-4.88/-5.61	-6.09/-8.53	-9.31/-10.52	-9.23/-6.73	-8.41/-10.62	-10.79/-8.22	-5.88/-6.82	-6.32/-4.27	-4.87/-6.46	-5.3/-4.74	-5.93/-6.24	-8.38/-7.33	-8.4/-9.09	-9.02/-10.66	-7.69/-8.59	-15.45/-9.34	-11.66/-10.48	-12.09/-10.86	-13.92/-13.97
Θ(105°)	-10.16/-10.53	-8.11/-4.99	-3.78/-4.03	-6.94/-4.63	-1.7/-1.75	-3.73/-5.32	-6.25/-6.98	-9.9/-11.03	-9.95/-6.92	-7.84/-11.84	-9.89/-8.83	-5.75/-3.64	-5/-4.99	-4.28/-8.92	-8.06/-8.99	-3.41/-3.69	-6.61/-8.95	-8.71/-10.54	-11.66/-15.05	-8.37/-8.74	-15.12/-12.27	-14.82/-11.89	-10.28/-14.01	-12.26/-12.71
Θ(112.5°)	-9.09/-7.53	-5.12/-5.96	-6.21/-3.55	-3.28/-4.28	-3.42/-2.75	-2.9/-3.66	-5.3/-6.4	-6.26/-8.27	-9.13/-7.16	-6.55/-8.24	-8.96/-10.9	-10/-9.7	-7.87/-8.91	-8.18/-7.32	-3.77/-1.41	-1.17/-6.89	-10.23/-8	-6.68/-7.83	-9.54/-9.95	-5.65/-10.35	-12.59/-6.95	-13.48/-13.45	-8.34/-11.84	-11.54/-12.19
Θ(120°)	-7.1/-4.6	-5.23/-5.6	-4.77/-2.47	-2.66/-3.29	-3.13/-2.19	-2.62/-3.29	-4.42/-5.61	-6.06/-7.11	-8.27/-8.56	-8.28/-9.03	-10.28/-12.51	-14.94/-15.76	-10.12/-8.3	-5.5/-5.62	-4.36/-1.85	-1.09/-4.47	-6.24/-5.9	-5.79/-4.8	-9.66/-11.47	-4.68/-9	-11.48/-11.21	-9.71/-6.29	-9.33/-9.92	-10.5/-9.62
Θ(127.5°)	-9.19/-6.82	-4.91/-4.05	-3.64/-3.98	-4.11/-2.82	-1.64/-1.85	-2.31/-2.84	-2.91/-3.72	-4.32/-4.33	-4.9/-6.02	-6.82/-7.34	-8.36/-9.1	-10.06/-10.27	-9.04/-5.89	-5.46/-4.19	-2.8/-2.92	-4.85/-12.5	-7.68/-2.89	-2.88/-5.19	-8.13/-3.1	-2.38/-6.6	-10.26/-8.38	-11.03/-7.34	-7.22/-8.01	-8.84/-9.72
Θ(135°)	-6.93/-4.82	-4.67/-5.32	-4.6/-3.27	-2.09/-1.17	-0.96/-1.48	-2.33/-2.67	-3.33/-3.46	-2.67/-1.77	-1.89/-3.02	-4/-4.41	-5.55/-7.43	-7.4/-8.71	-8.64/-7.32	-5.73/-4.51	-5.16/-3.65	-3.74/-9.94	-8.07/-3.48	-5.84/-9.7	-15.66/-8.69	-7.62/-9.28	-11.16/-12.74	-7.82/-9.05	-6.16/-7.76	-10.69/-10.92
Θ(142.5°)	-9.81/-7.81	-4.76/-2.44	-2.29/-3.46	-4.91/-2.68	-0.59/0.4	0.69/0.38	-0.87/-1.56	-1.21/-1.22	-2.02/-4.12	-8.51/-9.27	-7.73/-10.27	-13.39/-12.32	-11.22/-11.29	-6.84/-4.11	-4.92/-9.25	-5.45/-0.65	0.94/0.53	-0.32/-2.93	-7.22/-5.44	-2.24/-2.48	-3.8/-9.27	-9.35/-8.53	-7.45/-8.18	-11.7/-12.52
Θ(150°)	-8.74/-7.45	-6.48/-4.99	-3.42/-2.18	-0.65/0.35	0.33/0.02	-0.26/-0.15	-0.29/-0.95	-1.91/-1.32	-1.2/-1.99	-2.99/-4.17	-4.98/-6.17	-7.89/-10.93	-9.47/-8.3	-9.69/-9.23	-5.53/-1.46	1.64/2.49	1.23/-0.39	-1.24/-3.32	-9/-7.04	-3.47/-2	-0.6/-2.23	-7.4/-8.45	-9.74/-11.69	-11.77/-10.27
Θ(157.5°)	-7.34/-7.52	-7.05/-6.01	-4.05/-2.38	-0.94/0.4	1.05/1.45	1.53/1.11	0.66/0.54	1.53/1.98	1.74/0.47	-1.83/-5.34	-11.04/-15.42	-14.87/-14.49	-10.21/-7.48	-5.4/-2.7	-0.93/-0.58	-1.13/-3.94	-6.58/-4.57	-4.62/-8.71	-6.98/-3.61	-4.56/-8.03	-6.42/-5.23	-6.16/-7.23	-8.2/-8.92	-10.57/-9.28
Θ(165°)	-10.4/-11.47	-10.01/-7.08	-4.39/-2.35	-0.81/0.59	1.6/1.9	1.5/1.23	1.68/1.94	1.73/0.84	-0.89/-3.28	-7.51/-10.87	-12.82/-11.61	-10.53/-10.12	-9.29/-6.38	-4.34/-3.56	-4.49/-7.41	-11.3/-7.42	-3.83/-2.66	-3.55/-5.5	-5.84/-4.24	-3.98/-4.81	-3.97/-3.04	-3.24/-4.97	-6.46/-7.08	-7.18/-8.79
Θ(172.5°)	-10.52/-10.46	-9.16/-6.63	-4.28/-2.72	-1.31/-0.09	0.46/0.68	1.08/1.54	1.67/1.09	-0.46/-2.79	-6.17/-10.48	-12.22/-12.89	-11.41/-10.89	-9.19/-9.09	-8.69/-8.23	-7.88/-9.72	-12.47/-10.38	-6.26/-3.28	-1.88/-1.81	-2.69/-3.57	-5.16/-6.96	-9.98/-9.16	-7.64/-7.02	-6.88/-6.95	-7.18/-7.91	-8.8/-10.11
Θ(180°)	-10.99/-9.5	-7.91/-7.03	-4.92/-4.06	-3.95/-4.03	-4.05/-4.18	-4.08/-3.9	-4.37/-4.77	-4.8/-4.91	-5.15/-6.15	-7.34/-8.41	-10.37/-12.43	-12.47/-12.15	-13.71/-16.17	-15.7/-11.93	-8.79/-6.32	-4.69/-3.21	-3.09/-3.64	-5.43/-7.95	-8.95/-7.42	-7.83/-7.87	-7.88/-8.1	-8.1/-7.83	-8.45/-10.72	-11.63/-11.63
Freq(Hz)	5.6G/Pol.	Phi/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
DG(dBi)	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5`)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ (315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	1.3/1.58	0.6/0.1	-0.64/-1.45	-2.21/-2.93	-3.92/-4.97	-5.62/-6.05	-6.54/-7.36	-7.7/-6.72	-6.53/-4.87	-3.06/-1.54	-1.07/-0.32	0.29/0.92	1.16/1.03	0.2/-0.47	-1.16/-1.67	-2.18/-2.86	-4.07/-5.63	-6.4/-7.15	-7.25/-7.23	-7/-6.22	-3.75/-2.52	-1.47/-0.51	-0.07/0.19	0.29/0.85
Θ(7.5°)	1.86/2	1.38/0.88	0.28/-0.78	-1.42/-2.18	-3.02/-4.18	-4.68/-4.44	-5.1/-6.73	-7.46/-6.57	-4.05/-3.06	-1.94/-1.36	-0.42/0.39	0.72/0.85	0.41/-0.08	-0.19/-0.54	-1.51/-1.78	-2.12/-3.26	-4.14/-5.19	-6.56/-7.22	-7.79/-8.72	-7.23/-7.07	-5.02/-2.45	-0.89/-0.19	0.18/0.94	1.12/1.31
Θ(15°)	3.22/2.89	2.78/2.24	1.66/0.94	-0.08/-1.48	-3.04/-4.97	-4.54/-3.81	-4.16/-5.85	-7.46/-6.35	-4.53/-3.03	-1.94/-0.8	0.16/0.92	1.71/1.79	1.47/0.8	0.63/0.74	0.65/0.22	-0.61/-2.07	-3.34/-5.35	-7.01/-8.41	-9.51/-9.11	-8.24/-7.54	-6.95/-4.51	-2.6/-0.81	0.61/2.24	3/3.08
Θ(22.5°)	2.17/2.27	2.08/1.57	1.32/0.43	-0.59/-1.49	-2.46/-3.87	-4.43/-3.51	-2.55/-2.73	-3.72/-4.68	-4.1/-1.8	-0.56/-0.14	0.08/0.22	0.82/1.59	2.06/1.79	1.2/0.61	0.05/-0.33	-0.86/-2.3	-3.43/-5.23	-8.16/-9.91	-10.58/-9.76	-9.1/-8.19	-8.66/-7.23	-5.46/-3.39	-1.83/-0.42	0.76/1.82
Θ(30°)	2.14/1.8	1.84/0.99	0.48/0.05	-0.68/-1.35	-2.55/-4	-3.88/-3.44	-2.23/-2.23	-2.61/-3.56	-3.45/-2.02	-0.83/0.27	0.71/1.01	1.04/1.36	1.56/2.06	1.94/0.72	-1.24/-2.99	-4.99/-6.46	-5.78/-6.43	-7.93/-7.67	-8.97/-12.3	-11.21/-9.59	-8.02/-7.25	-6.13/-3.25	-0.54/0.91	1.5/1.87
Θ(37.5°)	1.12/0.66	1.84/2.2	1.96/0.71	-0.22/-0.56	-1.94/-2.7	-3.23/-3.36	-2.24/-1.73	-2.38/-3.12	-2.74/-1.28	-0.49/1.53	2.86/2.94	2.87/2.63	2.52/3.26	2.63/1.47	0.04/-0.4	-1.22/-3.24	-6.16/-7.6	-8.61/-9.39	-9.11/-10.73	-12.83/-12.72	-11.13/-8.12	-3.13/-1.73	-0.17/0.39	0.64/1.34
Θ(45°)	0.53/1.08	1.82/2.43	2.14/0.61	-0.18/-1.69	-2.54/-2.5	-3.04/-3.73	-2.85/-2.2	-2.19/-2.65	-2.06/-1.16	-0.37/0.8	2.17/2

Θ(52.5°)	1.99/1.74	1.85/1.2	0.67/1.1	-0.17/-1.92	-3.07/-4.03	-4.1/-2.27	-0.85/-0.49	-0.78/-1.22	-0.74/0.46	1.56/1.75	2.11/1.86	1.79/2.87	3.47/3.12	2.11/1.63	0.1/-2.42	-4.01/-3.1	-2.64/-6.28	-10.63/-8.55	-10.7/-14.61	-15.73/-13.37	-10.06/-5.08	-3.65/-3.15	-0.87/-0.1	-0.01/1.2
Θ(60°)	1.55/0.88	1.34/1.63	1.55/1.06	0.25/-0.24	-1.52/-2.4	-1.6/-1.6	-2.6/-3.32	-2.64/-1.99	-1.01/0.4	1.23/1.65	1.28/0.89	1.33/1.52	1.64/1.7	1.78/0.43	-0.73/-1.64	-1.67/-3.23	-6.2/-7.02	-7.95/-9.59	-8.81/-13.29	-14.01/-8.98	-13.73/-7.27	-3/-2.41	-1.77/0.09	-0.17/1.49
Θ(67.5°)	0.25/-0.84	-0.1/1.45	1.39/-0.44	-1.17/-1.32	-0.93/-1.84	-2.48/-1.97	-1.63/-2.08	-2.62/-2.43	-2.26/-0.51	0.54/0.83	0.47/-0.01	1.28/2.1	1.9/0.33	0.47/1.89	0.49/-1.94	-6.08/-7.25	-5.51/-6.7	-13.93/-10.81	-10.14/-13.54	-10.84/-14.14	-8.74/-4.16	-6.08/-6.87	-4.63/-2.28	-0.55/0.44
Θ(75°)	-1.61/-0.92	0.99/1.26	0.8/-0.77	-0.93/-0.89	-0.29/-1.03	-1.91/-2.29	-2.49/-1.83	-2.92/-3.72	-2.68/-1.11	-1.19/-0.96	-0.1/0.65	1.84/2.23	1.87/0.03	-1.05/0.58	1.64/-0.22	-4.22/-5.27	-6.97/-9.46	-12.16/-9.37	-13.86/-8.2	-7.4/-10.26	-6.52/-1.78	-1.12/-4.58	-5.31/-2.51	0.04/-0.12
Θ(82.5°)	-2.61/0.6	1.45/1.52	0.9/-1.01	-1.81/-0.31	-0.98/-2.32	-2.08/-2.06	-2.07/-2.1	-3.12/-2.64	-1.41/-1.5	-1.64/0.18	1.94/1.43	2.07/2.02	1.35/0.21	-1.52/-3.37	-3.34/-5.17	-2.93/-5.74	-11.74/-10.15	-14.95/-11.99	-11.8/-11.78	-8.07/-14.97	-3.42/-3.64	-4.76/-7.35	-4.05/-1.57	1.1/-0.58
Θ(90°)	-1.21/1.26	0.56/-0.77	-0.54/-0.72	-1.41/-1.89	-1.74/-1.9	-2.17/-2.69	-2.08/-1.43	-3.07/-2.1	-0.84/-0.68	0.37/1.39	1.79/1.54	1.57/2.27	1.44/-0.36	-1.65/-4.83	-3.65/-3.6	-5.86/-4.53	-8.54/-13.95	-11.74/-8.86	-15.47/-11.75	-9.25/-12.57	-6.95/-5.92	-5.29/-6.39	-4.48/-1.64	0.58/-1.14
Θ(97.5°)	-2.49/0.06	0.29/0.44	-0.4/-2.18	-1.83/-1.74	-3.01/-2.87	-3.35/-3.23	-2.09/-1.65	-2.79/-2.16	0.28/0.77	0.88/1.63	2.68/1.55	-0.12/0.07	1.7/1.4	0.02/-5.46	-6.7/-4.64	-7.21/-4.62	-5.22/-8.94	-13.66/-9.57	-12.44/-12.08	-7.64/-7.96	-10.6/-4.21	-4.2/-5.04	-7.23/-1.79	-0.7/-1.38
Θ(105°)	-2.96/-1.94	-0.26/-1.89	-1.72/-1.48	-2.25/-2.32	-2.67/-1.65	-2.94/-3.86	-3.48/-1.91	-2.32/-0.95	-0/1.22	2.55/3.44	2.78/1.3	0.35/-0.77	0.37/1.52	1.59/-1.13	-3.59/-6.74	-9.45/-6.23	-6.45/-7.32	-15/-10.81	-11.93/-12.27	-9.73/-13.09	-7.57/-6.29	-6.43/-9.7	-7.85/-4.79	-1.22/-0.3
Θ(112.5°)	-1.12/0.22	-1.26/-2.07	-2.04/-3.18	-2.92/-3.06	-4.07/-3.58	-3.18/-2.84	-2.83/-2.27	-1.78/-0.28	0.74/1.33	1.97/2.8	2.37/2.18	2.68/0.63	-2.63/-2.97	-2.69/-2.74	-5.75/-7.7	-8.64/-8.87	-8.24/-12.43	-13.35/-10.87	-13.17/-13.59	-11.37/-11.17	-11.46/-1.81	-6.83/-6.64	-4.44/-5.28	-5.87/-4.15
Θ(120°)	-2.72/-3.03	-1.38/-0.77	-1.35/-2.17	-4.77/-4.84	-4.48/-4.55	-4.42/-5.08	-3.7/-2.62	-1.05/0.05	0.84/0.72	2.03/3.54	2.81/-0.8	0.2/0.74	-1.39/-1.03	-2.7/-5.41	-5.52/-8.01	-4.81/-6.14	-9.17/-10.59	-11.99/-13.77	-9.68/-14.78	-6/-6.92	-9.94/-5.71	-6.22/-7.56	-6.51/-3.98	-2.34/-1.98
Θ(127.5°)	-2.68/-1.23	0.41/-0.56	-4.29/-5.16	-3.85/-4.72	-5.4/-5.67	-5.42/-3.77	-2.91/-2.63	-3.39/-1.42	0.95/2.12	2.46/2.06	2.24/2.27	1.37/0.82	-0.38/-4.33	-0.49/-0.76	-2.54/-6.58	-12.47/-9.47	-9.17/-9.6	-8.76/-9.42	-10.92/-10.01	-10.3/-7.16	-11.7/-15.42	-9.35/-6.16	-3.72/-0.96	-0.62/-1.07
Θ(135°)	-1.59/-1.52	-0.03/0.79	-0.51/-3.02	-5.09/-6.57	-7.09/-10.43	-9.09/-7.49	-5.27/-3.91	-2.66/-0.95	1.12/1.6	1.46/1.61	2.86/2.46	0.79/0.36	1.36/-0.35	-2.96/-0.57	-1.34/-6.44	-10.08/-14.76	-12.99/-12.11	-10.31/-10.59	-13.45/-11.65	-9.4/-9.21	-15.1/-14.41	-15.29/-9.58	-6.46/-2.65	-0.69/-0.73
Θ(142.5°)	-1.18/0.14	1.1/1.79	0.37/-1.73	-3.14/-3.91	-4.68/-6.14	-6.7/-6.43	-6.15/-3.56	-1.68/-0.33	1.5/2.48	2.77/2.43	2.85/3.67	3.49/2.76	2.3/1.99	0.66/-2.97	-9.6/-5.87	-5.54/-7.78	-11.38/-10.77	-9.22/-12.8	-15.42/-15.45	-12.27/-9.18	-8.68/-7.4	-7.4/-5.4	-5.01/-4.89	-4.86/-2.27
Θ(150°)	-3.54/-2.39	1.14/2.93	2.73/1.31	-1.64/-4.68	-7.61/-8.73	-9.64/-7.63	-4.97/-2.75	-2.1/-1.17	-0.22/1.66	2.78/3.84	4.79/3.68	2.63/1.38	-1.24/-2.54	-4.15/-4.56	-4.45/-5.21	-4.34/-5.82	-10.9/-8.03	-6.12/-7.25	-7.91/-8.62	-6.33/-6.27	-5.47/-7.21	-9.71/-6.99	-3.51/-1.67	-1.37/-2.4
Θ(157.5°)	-4.33/-3.52	-1.78/-0.47	0.49/0.12	-0.33/-0.61	-1.89/-4.24	-5.86/-8.32	-7.05/-4.83	-2.42/-1.57	-0.43/1.25	2.43/3.13	2.6/0.95	-1.21/-2.26	-2.43/-2.75	-2.99/-3.94	-4.69/-4	-5.41/-8.42	-11.51/-13.54	-14.74/-16.2	-14.92/-11.3	-11.63/-14.86	-11.39/-6.74	-5.07/-3.07	-1.64/-0.61	-0.49/-1.44
Θ(165°)	-1.87/-1.7	-1.4/-1.3	-1.1/-1.61	-1.87/-2.51	-4.2/-6.2	-6.98/-5.69	-4.69/-3.66	-1.93/-0.43	0.6/1.26	1.63/1.34	-0.04/-1.09	-1.63/-1.01	-0.34/-0.26	-0.66/-1.47	-3.07/-5.56	-9.76/-15.73	-15.29/-15.63	-13.37/-13.59	-14.4/-13.12	-10.32/-8.32	-6.28/-4.16	-3.62/-2.57	-1.69/-1.49	-2.05/-2.15
Θ(172.5°)	-3.9/-3.62	-2.45/-2.02	-1.82/-2	-2.85/-4.49	-6.38/-7.5	-6.75/-5.96	-5.8/-6.49	-5.6/-4.53	-3.25/-2.65	-2.6/-2.1	-1.45/-0.99	-0.68/-0.61	-1.1/-2.03	-3.35/-5.29	-8.07/-11.25	-11.74/-12.45	-12.02/-11.64	-11.76/-12.35	-12.95/-13.73	-12.7/-11.34	-10.09/-9.98	-9.33/-6.72	-6.15/-5.12	-4.6/-4.15
Θ(180°)	-2.17/-2.5	-2.77/-2.87	-3.78/-4.25	-5.04/-6.41	-8.38/-10.2	-10.1/-10.09	-9.37/-8.87	-7.75/-6.12	-5/-4.27	-3.65/-2.92	-3.03/-3.13	-3.98/-5.25	-6.42/-7.04	-8.63/-10.42	-10.02/-9	-8.68/-8.8	-10.06/-12.38	-13.8/-14.94	-15.48/-13.48	-11.39/-8.49	-7.79/-6.18	-5.18/-3.88	-2.67/-1.99	-1.88/-2.15
Freq(Hz)	5.785G/Pol.	Theta/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
DG(dBi)	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ (240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-8.54/-9.36	-9.2/-6.86	-4.12/-2.72	-1.89/-0.61	-0.06/0.33	0.66/0.47	0.88/1.48	1.64/1.62	1.31/0.68	-0.25/-1.29	-2.58/-4.08	-5.61/-6.93	-6.95/-7.29	-7.2/-6.29	-4.58/-3.52	-1.79/0.02	1.06/1.81	2.14/2.59	2.53/1.91	1.53/1.33	1.33/0.45	-0.65/-1.98	-2.95/-4.38	-6.14/-7.24
Θ(7.5°)	-6.4/-6.92	-6.89/-6.19	-3.79/-2.43	-1.42/-0.58	0.48/1.6	1.84/2.2	2.38/2.35	2.36/2.17	1.54/1.1	-0.09/-1.55	-3.06/-4.34	-5.66/-5.87	-6.71/-7.13	-7.11/-5.93	-5.1/-3.86	-2.82/-0.96	-0.31/0.39	0.92/2	2.41/1.81	1.06/0.67	0.68/0.03	-1.06/-2.26	-2.67/-3.65	-5.44/-6.19
Θ(15°)	-5.68/-5.38	-5.53/-5.89	-5.42/-3.74	-2.08/-0.79	0.31/1.55	2.37/3.02	3.14/2.91	2.73/2.67	2.31/1.67	0.87/-0.58	-1.63/-2.6	-3.44/-3.97	-4.4/-5.22	-6.48/-6.54	-5.43/-4.37	-2.77/-0.92	-0.14/-0.08	0.32/0.34	0.39/0.76	0.62/0.54	-0.05/-0.33	-0.95/-1.77	-3.06/-4.28	-5.42/-6.03
Θ(22.5°)	-7.07/-6.99	-7.38/-8.36	-7/-2.08	-0.2/0.77	1.5/2.55	3.27/3.36	2.85/2.79	2.81/2.48	2.06/1.37	0.35/-0.83	-1.57/-2.14	-3.25/-4.03	-3.96/-4.93	-5.92/-5.96	-5.11/-4.09	-2.57/-1.29	-0.69/-0.57	-0.58/-1.5	-0.9/0.05	0.42/0.22	-0.33/-1.76	-2.58/-3.07	-4.18/-5.42	-5.4/-5.88
Θ(30°)	-6.51/-7.37	-9.9/-11.06	-6.22/-2.91	-0.88/0.65	1.86/2.71	2.58/2.32	2.25/2.98	3.58/3.42	2.63/1.45	0.45/-1.02	-2.37/-4.11	-5.53/-5.82	-7.05/-6.81	-6.46/-5.67	-3.63/-3.71	-4.19/-3.6	-1.91/-1.63	-2.4/-1.88	-1.13/-0.42	-0.62/-1.35	-1.99/-2.35	-3.8/-4.47	-4.63/-5	-5.73/-6.22
Θ(37.5°)	-8.85/-11.38	-10.4/-5.9	-3.57/-3.45	-2.21/-0.38	0.34/0.06	0.06/0.9	2.47/3.07	3.16/2.78	2.08/1.38	0.94/-1.54	-3.37/-4.69	-4.52/-4.89	-7.17/-10.48	-7.52/-3.78	-2.49/-3.07	-3.67/-2.82	-2.7/-2.86	-2.15/-2.22	-1.69/-0.66	-0.64/-1.74	-2.91/-3.35	-3.55/-3.99	-4.25/-4.47	-6.24/-7.58
Θ(45°)	-10.46/-15.39	-12.09/-6.65	-4.52/-4.55	-2.02/-0.34	-0.26/-0.37	0.2/1.48	2.1/1.78	1.46/0.83	0.5/0.13	-0.58/-2.43	-4.47/-3.97	-3.05/-4.75	-9.47/-7.57	-6.41/-4.59	-5.66/-7.74	-9.43/-11.55	-7.25/-3.33	-4.26/-8.09	-5.39/-4.81	-5.05/-4.2	-4.41/-2.65	-2.2/-3.03	-3.86/-4.95	-7.41/-8.22
Θ(52.5°)	-13.75/-12.91	-9.5/-7.91	-6.1/-4.74	-2.27/-1.16	-0.99/0.12	0.95/1.24	1.1/1.4	1.6/1.39	0.1/-1.1	-2.5/-3.83	-5.07/-2.62	-2.72/-6.03	-7.48/-6.05	-5.8/-7.9	-7.21/-8.09	-7.49/-6.4	-5.97/-4.66	-4.38/-5.99	-7.75/-4.4	-4.82/-9.89	-6.68/-4.41	-3.58/-4	-4.85/-6.25	-7.38/-9.25
Θ(60°)	-10.15/-6.35	-9.77/-8.96	-5.1/-2.71	-0.55/-0.71	-1.31/0.07	0.41/-0.18	0.37/0.98	0.44/-0.92	-2.2/-1.96	-2.69/-5.51	-8.57/-7.95	-7.93/-8.67	-6.6/-8.71	-11.14/-10.1	-5.5/-5.67	-11.2/-12.61	-14.91/-11.22	-8.71/-7.8	-9.91/-8.85	-7.38/-7.34	-6.95/-4.1	-5.43/-5.91	-6.61/-5.29	-7.08/-10.27
Θ(67.5°)	-8.39/-6.01	-10.45/-10.17	-4.35/-2.62	-3.53/-2.76	-1.92/-0.84	-1.48/-1.91	-0.61/-0.98	-2.33/-3.94	-4.71/-4	-6.19/-9.03	-6.85/-8.04	-8.18/-6.95	-6.29/-8.25	-11.75/-9.02	-6.93/-7.5	-12.79/-13.94	-11.34/-8.28	-10.28/-11.64	-10.35/-7.01	-9.96/-12.43	-7.08/-7.48	-8.18/-8.98	-6.41/-8.62	-5.13/-11.18
Θ(75°)	-7.59/-8.75	-11.74/-5.76	-3.83/-3.95	-3.89/-2.88	-2.78/-2.26	-3.21/-2.89	-2.71/-3.37	-4.19/-6.68	-8.72/-4.55	-5.29/-11.24	-8.79/-7.29	-8.21/-7.37	-7.43/-12.77	-15.02/-10.63	-7.76/-10.66	-11.95/-13.81	-9.92/-5.24	-8.44/-12.17	-8.63/-7.55	-6.3/-11.72	-14.68/-9.48	-11.65/-11.59	-7.94/-9.76	-8.96/-7.46
Θ(82.5°)	-11.65/-12	-7.88/-6.1	-5.89/-4.72	-4.89/-6.06	-6.89/-5.09	-2.1/-1.36	-3.16/-5.48	-7.88/-8.99	-12.94/-6.61	-5.79/-9.61	-5.52/-3.7	-5.59/-7.02	-6.81/-9.67	-15.39/-9.03	-7.11/-11.65	-13.17/-11.4	-9.78/-4.13	-6.83/-11.33	-5.08/-8.29	-7.78/-10.17	-13.05/-14.7	-9.86/-13.26	-12.2/-10.81	-10.36/-7.7
Θ(90°)	-11.8/-10.04	-7.55/-7.94	-7.32/-4.44	-4.63/-4.99	-5.17/-4.64	-4.51/-4	-3.46/-5.94	-8.73/-5.32	-7.3/-8.86	-5.15/-4.31	-2.63/-4.55	-6.42/-5.47	-7.15/-6.88	-7.84/-10.2	-7.14/-3.33	-5.83/-9.06	-8.51/-9.65	-13.28/-7.24	-8.06/-6.18	-9.1/-10.93	-8.69/-12.18	-15.48/-12.69	-14.78/-8.82	-8.25/-9.45
Θ(97.5°)	-8/-6.65	-8.43/-5.82	-5.04/-6.15	-4.4/-2.47	-3.07/-4.87	-6.74/-7.46	-5.74/-5.55	-4.54/-4.68	-5.67/-8.08	-3.96/-4.23	-4.32/-3.94	-5.78/-6.61	-6.19/-4.89	-5.91/-8.14	-6.09/-3.89	-3.6/-7.61	-11.46/-10.74	-8.78/-9.23	-7.08/-13.15	-11.05/-7.33	-8.84/-14.37	-11.12/-11.64	-11.53/-11.3	-9.13/-11.69
Θ(105°)	-7.7/-4.35	-6.5/-8.55	-4.82/-2.98	-1.91/-1.83	-1.96/-3.61	-4.49/-5.27	-4.43/-4.7	-4.11/-4.34	-4.98/-9.36	-5.42/-4.94	-4.46/-3.91	-6.13/-6.37	-6.05/-5.7	-3.86/-5.09	-5.18/-6.03	-2.67/-1.94	-4.55/-7.77	-6.79/-4.9	-7.87/-8.54	-10.35/-12.13	-14.07/-14	-10.56/-10.68	-7.19/-8.5	-8.93/-13.32
Θ(112.5°)	-9.7/-4.93	-5.85/-5.54	-2.85/-2.06	-3.28/-4.42	-2.77/-2.53	-4.57/-3.7	-3.86/-4.38	-4.01/-2.06	-4.36/-6.18	-6.25/-4.45	-7.71/-8.6	-8.01/-9.82	-7.25/-5.9	-6.01/-8.78	-2.05/-2.11	0.53/-1.28	-4.16/-10.11	-8.87/-7.28	-12.3/-9.05	-3.5/-5.09	-12.52/-6.3	-7.94/-11.64	-8.72/-15.23	-8.89/-9.32
Θ(120°)	-8.3/-5.63	-4.7/-4.71	-3.9/-3.61	-3.03/-1.87	-2.44/-3.38	-2.73/-3.73	-4.12/-3.67	-2.72/-3.13	-2.94/-3.27	-6.41/-6.52	-7.55/-13.02	-12.65/-10.51	-9.71/-5.09	-2.34/-5.32	-0.37/0.3	1.67/-5.12	-6.83/-1.26	-1.24/-2.99	-10.74/-5.24	-4.79/-7.8	-11.2/-8.8	-9.24/-9.53	-8.05/-10.2	-7.95/-13.87
Θ(127.5°)	-6.75/-3.14	-2.67/-4.95	-6.48/-3.74	-2.34/-2.82	-3.64/-3.4	-1.19/-0.24	-1.2/-2.14	-2.2/-1.96	-2.57/-2.94	-5.52/-9.15	-10.11/-12.53	-12.68/-7.17	-2.67/-5.32	-3.46/-1.65	0.33/0.6	-0.09/-3.79	-9.96/-4.53	-2.22/-4.37	-6.52/-2.47	-3.03/-4.83	-9.72/-12.68	-8.49/-5.75	-6.71/-8.5	-7.68/-8.96
Θ(135°)	-5.33/-5.47	-6.25/-7.1	-4.3/-2.74	-1.9/-2.18	-2.28/-0.67	-0.23/-0.61	-0.88/-0.92	0.6/0.83	-1.71/-3.75	-3.84/-7.26	-11.21/-13.19	-13.3/-7.1	-3.23/-3.65	-3.2/-2.14	-0.12/-6.07	-7.46/-4.88	-2.8/-5.77	-11.74/-11.34	-15.25/-6.63	-2.75/-4.71	-14.9/-9.67	-10.38/-7.87	-8.77/-9.93	-7.99/-6.43
Θ(142.5°)	-5.65/-4.77	-5/-4.73	-5.46/-4.42	-1.41/0.35	0.12/-0.77	-1.22/-1.24	-1.01/-0.42	1.35/1.65	0.91/-1.57	-4.52/-6.7	-6.3/-6.53	-7.26/-5.99	-3.26/-5.86	-8.75/-4.59	-1.52/-0.61	-4/-4.06	-1.06/-1.82	-3.05/-7.35	-12.77/-6.32	-3.39/-5.33	-7.08/-9.01	-9.02/-8.17	-7.59/-9.15	-6.88/-5.43
Θ(150°)	-7.44/-8.76	-7.31/-4.78	-1.69/-0.84	-1.45/-1.48	-0.91/0.5	1.7/2.27	2.77/3.12	2.89/2.34	1.18/-0.39	-1.72/-3.84	-6.17/-9.16	-13.54/-16.08	-11.84/-5.69	-5.64/-5.99	-6.32/-5.03	0.49/3.8	3.41/1.21	-0.45/-3.88	-9.61/-5.65	-2.22/0.88	0.44/-3.85	-8.44/-8.87	-6.25/-6.45	-7.56/-7.01
Θ(157.5°)	-7.65/-7.1	-6.56/-4.01	-1.39/-0.09	0.38/1.4	1.9/1.76	1.52/1.5	1.53/0.82	0.82/1.48	1.85/1.64	0.14/-2.92	-6.89/-11.46	-11.61/-8.07	-6.34/-6.28	-5.01/-3.18	-1.31/0.74	1.89/1.57	-1.41/-3.59	-4.2/-9.69	-13.02/-9.48	-10.69/-4.13	-1.58/-2.45	-4.61/-5.36	-5.17/-5.46	-6.15/-6.99
Θ(165°)	-8.25/-7.49	-6.85/-5.3	-3.33/-2.2	-0.81/0.73	1.92/2.11	1.95/1.99	2.67/3.34	3.62/3.65	3.32/2.23	0.06/-3.62	-8.16/-12.94	-13.11/-10.43	-6.84/-4.49	-3.01/-2.2	-1.94/-2.53	-3.98/-6.52	-6.73/-4.51	-4.92/-6.69	-7.15/-7.45	-7.76/-6.34	-4.18/-3.42	-4.09/-5.55	-6.26/-6.5	-7.49/-8.72
Θ(172.5°)	-7.81/-7.05	-6.7/-5.61	-4.19/-3.01	-1.42/0.37	1.13/1.21	1.54/2.06	2.14/1.69	0.72/-0.7	-2.61/-4.87	-7.02/-8.61	-11.35/-13.02	-12.79/-9.77	-8.16/-7.22	-6.89/-8.34	-8.96/-8.91	-7.7/-6.11	-3.87/-2.78	-2.86/-3.55	-5.12/-7.41	-8/-8.31	-7.07/-6.35	-6.13/-6.22	-6.83/-7.64	-8.25/-9.13
Θ(180°)	-11.21/-9.62	-8.45/-7.54	-6.58/-4.33	-3.09/-2.6	-2.69/-2.57	-2.34/-2.66	-3.53/-5.32	-7.33/-7.83	-9.04/-8.76	-9.54/-10.75	-12.26/-12.26	-12.6/-12.39	-12.92/-12.88	-13.68/-11.56	-8.66/-6.53	-4.68/-3.51	-3.58/-4.05	-5.75/-7.9	-5.82/-4.71	-4.41/-5.32	-6.15/-6.3	-6.08/-7.09	-8.72/-10.71	-11.88/-11.97

Gain Result

Freq(Hz)	2.45G/Pol.	Phi/Ant. 1	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-5.78/-7.12	-9.31/-12.56	-17.37/-18.88	-14.72/-11.69	-9.61/-8.1	-7.21/-6.05	-5.2/-4.28	-3.71/-3.34	-2.69/-2.26	-2.23/-2.16	-2.27/-2.18	-2.39/-2.65	-3.14/-3.97	-5.12/-6.51	-7.86/-9.23	-10.14/-9.66	-8.42/-7.31	-5.91/-5.12	-4.55/-4.12	-3.69/-3.25	-2.9/-2.73	-2.67/-2.66	-2.85/-3.41	-3.96/-4.53
Θ(7.5°)	-3.92/-5.14	-6.79/-8.47	-10.72/-11.94	-12.26/-10.58	-8.74/-6.62	-5.24/-3.99	-3.23/-2.64	-2.03/-1.7	-1.63/-1.61	-1.78/-1.91	-2.62/-2.88	-3.41/-3.82	-4.48/-5.58	-7.38/-9.24	-11.68/-14.02	-15.04/-13.33	-11.65/-10.32	-8.93/-8.02	-7.13/-6.86	-5.88/-5.36	-4.82/-4.2	-3.72/-3.41	-3.25/-3.18	-3.16/-3.49
Θ(15°)	-1.76/-2.34	-3.34/-4.55	-5.94/-7.75	-9.27/-9.76	-8.35/-6.27	-4.58/-3.31	-2.57/-1.78	-1.29/-0.99	-0.78/-0.79	-0.91/-0.94	-1.3/-1.74	-2.04/-2.56	-3.12/-3.86	-5.23/-7.36	-10.4/-15.44	-18.06/-17.86	-17.74/-16.84	-15.64/-14.53	-12.11/-9.88	-7.43/-5.5	-3.98/-3.03	-2.3/-2	-1.49/-1.23	-1.02/-1.14
Θ(22.5°)	-0.85/-1.33	-2.05/-2.7	-3.99/-5.71	-7.35/-8.58	-7.35/-5.59	-3.86/-2.7	-1.97/-1.44	-1.3/-1.13	-1.06/-0.87	-0.73/-0.57	-0.58/-0.73	-0.82/-0.84	-0.96/-1.4	-2.26/-3.92	-6.75/-10.83	-17.04/-19.09	-19.29/-17.66	-14.85/-12.24	-9.68/-6.92	-5.07/-3.51	-2.31/-1.47	-0.97/-0.81	-0.69/-0.35	-0.42/-0.52
Θ(30°)	-2.31/-2.42	-2.44/-2.88	-4/-5.33	-6.98/-7.87	-6.74/-4.59	-2.83/-1.48	-0.79/-0.46	-0.31/-0.36	-0.32/-0.43	-0.33/-0.33	-0.31/-0.4	-0.33/-0.04	0.39/0.54	0.13/-1.04	-3/-6.38	-11.6/-18.17	-18.37/-17.85	-14.13/-10.7	-7.64/-5.74	-4.52/-3.71	-2.8/-2.22	-2.09/-1.8	-2.07/-2.01	-1.94/-2.07
Θ(37.5°)	-4.18/-4.06	-3.81/-4.13	-4.72/-5.75	-7.5/-8.2	-6.74/-4.3	-2.08/-0.86	-0.08/0.53	0.91/1.16	1.36/1.49	1.2/1.01	0.57/0.07	-0.21/0.01	0.49/0.87	0.78/0.03	-1.69/-4.61	-9.31/-14.94	-17.48/-17.64	-12.83/-9.17	-6.64/-5.16	-4.43/-4.03	-3.88/-3.68	-3.35/-3.24	-3.7/-3.88	-4.12/-4.31
Θ(45°)	-4.76/-4.28	-3.71/-3.69	-4.32/-5.03	-5.96/-6.48	-5.54/-3.88	-2.15/-0.87	0/0.98	1.69/2.45	3.01/3.06	2.95/2.53	1.93/1.09	0.24/-0.61	-0.68/0.04	0.4/0.53	-0.28/-2.44	-5.65/-9.48	-14.1/-14.81	-11.74/-7.67	-5.38/-3.7	-2.81/-2.93	-3.52/-4.33	-4.42/-4.35	-4.47/-4.8	-5.17/-5.31
Θ(52.5°)	-8.98/-7.01	-5.11/-4	-3.33/-3.09	-3.42/-4.01	-3.71/-2.84	-1.6/-0.62	0.21/0.97	2.09/3.08	3.73/3.98	3.86/3.57	3.02/2.15	1.11/-0.3	-1.45/-1.75	-0.58/0.34	0.3/-1.24	-4.36/-8.79	-13.32/-15.48	-13.54/-10.13	-7.23/-5.22	-4.72/-5.49	-7.79/-11.87	-16.94/-18.56	-14.65/-12.12	-10.51/-10.17
Θ(60°)	-5.68/-9.38	-11.72/-8.81	-5.61/-3.37	-2.84/-3.12	-2.98/-2.53	-1.55/-0.72	0.16/1.28	2.33/3.26	3.89/4.12	4.29/4	3.73/3.15	2.31/1.08	-0.69/-2.07	-1.37/0.06	0.45/-1.18	-4.33/-9.96	-16.22/-17.64	-18.83/-17.06	-9.92/-6.89	-6.24/-6.5	-7.51/-6.92	-4.91/-3.52	-2.72/-2.32	-2.35/-3.29
Θ(67.5°)	-0.12/-2.32	-5.83/-10.22	-9.33/-5.76	-4.34/-4.09	-3.85/-3.35	-2.47/-1.26	-0.09/1.33	2.76/3.52	4.2/4.31	4.39/4.17	4/3.66	3.25/2.14	0.58/-0.95	-1.4/-0.64	-0.73/-2.45	-6.32/-13.23	-18.65/-18.61	-19.09/-13.22	-8.03/-5.74	-5.52/-6.58	-7.85/-6.9	-3.66/-1.34	-0.21/0.6	1.01/0.75
Θ(75°)	-0.32/-1.45	-3.34/-6.51	-7.76/-6.18	-4.83/-4.5	-4.52/-4.15	-3.52/-2.18	-0.71/1.03	2.38/3.14	3.71/3.96	3.92/3.88	3.76/3.95	3.91/3.47	2.49/0.92	-0.98/-1.94	-2.44/-3.43	-6.59/-13.4	-16.85/-14.86	-18.59/-16.3	-10.58/-8.72	-10.12/-16.62	-19.12/-15.8	-9.2/-4.96	-2.36/-1.1	-0.3/-0.03
Θ(82.5°)	-0.5/-1.51	-3.4/-6.67	-7.28/-5.81	-4.85/-4.53	-4.72/-4.61	-3.85/-2.33	-0.55/1	2.02/2.78	2.99/3.04	2.92/3.07	3.46/3.91	4.41/4.23	3.45/1.72	-0.81/-2.99	-3.14/-3.43	-6.66/-17.06	-17.96/-12.41	-11.36/-8.41	-5.61/-4.56	-5.49/-7.71	-8.29/-6.82	-5.96/-5.29	-3.67/-1.99	-0.91/-0.43
Θ(90°)	-1.4/-1.26	-2.25/-4.19	-4.78/-4.41	-4.16/-4.42	-4.92/-5.09	-3.79/-1.55	0.68/2.21	3.22/3.65	3.76/3.5	3.36/3.36	3.73/4.31	4.69/4.69	4.04/2.65	0.36/-1.89	-1.82/-1.74	-4.15/-10.19	-18.54/-17.69	-13.62/-7.84	-3.91/-2.67	-3.24/-5.95	-10.07/-9.41	-5.81/-5.73	-6.53/-5.48	-3.2/-1.96
Θ(97.5°)	-3.04/-3.23	-4.63/-5.33	-4.05/-3.15	-2.78/-3.23	-4.05/-4.28	-3.04/-0.65	1.49/3.02	3.87/4.3	4.2/3.84	3.58/3.6	3.81/4.12	4.59/4.79	4.84/3.23	1.35/-0.96	-1.76/-2.17	-4.7/-10.28	-18.6/-18.51	-15.39/-10.51	-6/-4.31	-5.19/-8.82	-19.11/-13.15	-6.02/-4.43	-5.82/-6.16	-4.68/-3.29
Θ(105°)	-2.33/-2.52	-3.97/-5.98	-6/-4.99	-5.1/-5.52	-6.12/-5.87	-4.74/-2.34	0.18/1.7	2.82/3.23	3.29/2.94	2.75/2.9	3.37/3.81	4.54/4.84	4.39/3.28	1.59/-0.54	-1.75/-1.77	-3.39/-7.3	-15.18/-18.78	-15.92/-10.08	-6.63/-5.99	-7.88/-11.49	-12.58/-12.95	-11.73/-8.8	-10.52/-11.43	-6.13/-3.35
Θ(112.5°)	-4.42/-3.93	-4.27/-4.56	-3.95/-3.38	-4.13/-4.9	-4.97/-4.23	-3.5/-2.2	-0.64/0.6	1.45/1.99	2.17/2.29	2.74/3.28	3.72/4.19	4.81/5.08	4.75/4.2	3.14/1.2	-0.91/-2.04	-4.56/-8.98	-15.33/-15.49	-12.96/-10.27	-7.84/-7.63	-10.21/-17.45	-13.99/-12.51	-16.35/-17.49	-15.34/-16.3	-9.28/-5.9
Θ(120°)	-3.1/-4.81	-6.38/-7.79	-6.24/-5.34	-5.95/-7.03	-6.7/-5.3	-3.77/-2.31	-1.06/0.13	1.17/1.96	2.75/3.47	4.06/4.46	4.69/4.16	4.69/4.91	4.42/4.43	2.36/-1.44	-6.38/-7.31	-9.01/-13.52	-18.02/-13.24	-10.53/-8.82	-7.5/-6.31	-6.31/-7.21	-7.6/-6.7	-6.04/-5.61	-5.37/-4.71	-3.53/-2.81
Θ(127.5°)	-0.06/-0.92	-2.04/-3.42	-4.54/-5.93	-7.88/-9.53	-8.81/-6.11	-3.5/-1.48	-0.18/0.88	1.82/2.67	3.3/3.8	4.05/4.11	4.25/4.49	4.5/3.88	2.59/0.76	-1.66/-3.32	-2.03/-1.41	-2.84/-6.25	-11.86/-18.52	-17.33/-16.92	-18.31/-12.67	-8.35/-6.19	-4.32/-2.41	-0.98/-0.35	-0.41/-0.25	0.14/0.25
Θ(135°)	-0.47/-0.24	-0.3/-0.53	-1.24/-2.53	-4.61/-5.98	-6.1/-4.31	-2.21/-0.28	1.1/1.98	2.86/3.59	3.97/4.24	4.27/4.17	4.04/3.91	3.42/2.63	2.05/1.91	1.68/1.44	1.06/-0.04	-2.77/-7.23	-17.78/-13.83	-7.93/-6.47	-7.79/-11.4	-16.99/-17.73	-17.47/-10.14	-5.95/-3.67	-2.52/-1.97	-1.23/-0.72
Θ(142.5°)	-4.1/-3.14	-2.45/-2.32	-3.05/-4.84	-7.78/-11.72	-11.07/-7.76	-5.05/-2.94	-1.1/0.12	1.13/1.86	2.31/2.46	2.52/2.4	2.27/2.11	2.06/2.26	2.61/2.86	2.67/2.01	0.72/-1.63	-5.36/-10.92	-15.17/-9.72	-6.24/-4.78	-4.58/-5.04	-5.13/-5.03	-6.07/-8.69	-12.38/-14.11	-11.69/-10.25	-7.86/-5.66
Θ(150°)	-11.52/-10.74	-9.97/-9.22	-10.26/-12.19	-18/-16.49	-10.22/-6.68	-4.31/-2.56	-1.14/0	0.94/1.54	1.99/2.32	2.7/3.11	3.54/3.9	4.3/4.5	4.6/4.28	3.68/2.63	0.95/-1.5	-4.36/-7.08	-8.31/-7.97	-7.48/-6.88	-6.11/-4.85	-3.11/-1.8	-1.38/-1.69	-2.74/-3.99	-5.4/-7.92	-10.02/-11.8
Θ(157.5°)	-8.1/-11.36	-17.25/-17.87	-18.94/-13.34	-11.51/-8.98	-7.09/-4.73	-3.21/-1.5	-0.01/1.36	2.56/3.46	3.31/4.03	4.62/5.11	5.41/5.41	5.18/4.72	4/4.17	2.99/1.27	-0.6/-2.92	-4.91/-6.1	-7.08/-7.69	-8.25/-8.23	-6.8/-4.93	-3.03/-1.42	-0.62/-0.35	-0.57/-1.33	-1.99/-3.16	-4.42/-5.96
Θ(165°)	-4.63/-7.48	-11.6/-19.08	-17.52/-16.15	-12.09/-10.83	-8.51/-6.89	-5.76/-4.22	-2.49/-0.7	0.86/2.09	3.25/4.26	4.84/5.08	5.04/4.68	3.95/2.83	1.61/0.05	-1.53/-3.15	-4.24/-4.94	-5.49/-6.38	-7.5/-9.22	-10.28/-9.12	-6.78/-4.26	-2.38/-0.9	0.02/0.44	0.4/0.14	-0.3/-0.84	-1.78/-3.1
Θ(172.5°)	-3.69/-5.92	-8.7/-12.82	-18.33/-18.92	-18.96/-16.14	-13.22/-11.23	-9.18/-8.05	-6.88/-5.28	-3.93/-2.47	-1.3/-0.68	-0.22/-0.33	-1.01/-2.11	-3.24/-4.93	-5.58/-5.66	-5.05/-4.44	-4.25/-4.55	-5.58/-7.37	-9.84/-12.16	-11.72/-8.35	-5.4/-3.14	-1.54/-0.43	0.2/0.53	0.65/0.51	0.36/-0.27	-1.03/-2.19
Θ(180°)	-3.11/-4.07	-5.91/-7.32	-9.33/-11.15	-12.94/-15.65	-16.8/-14.4	-11.07/-9.26	-7.64/-6.44	-5.51/-5.03	-4.75/-4.81	-4.96/-4.9	-4.5/-3.96	-3.29/-2.49	-2.06/-1.83	-1.94/-2.4	-3.35/-4.98	-7.51/-11.2	-15.8/-14.99	-10.07/-7.26	-5.25/-3.9	-3.04/-2.54	-2.1/-1.96	-1.67/-1.57	-1.48/-1.55	-1.87/-2.51
Freq(Hz)	2.45G/Pol.	Theta/Ant. 1	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-4.7/-4.15	-3.57/-3.25	-3/-2.89	-2.76/-2.68	-2.99/-3.65	-4.42/-5.28	-7.17/-8.73	-9.39/-10.47	-10.84/-11.86	-12.86/-13.06	-12.25/-11.34	-9.66/-8.06	-6.41/-5.26	-4.44/-3.87	-3.22/-2.88	-2.55/-2.32	-2.64/-2.98	-3.52/-4.8	-6.31/-8.47	-10.78/-13.42	-16.35/-17.79	-17.6/-14.18	-10.57/-8.78	-6.75/-5.66
Θ(7.5°)	-5.44/-4.55	-3.56/-2.85	-2.29/-2.1	-1.91/-1.86	-1.88/-2.37	-3.14/-4.39	-6.36/-8.33	-11.19/-13.74	-16.42/-18.96	-18.26/-16.89	-14.8/-12.26	-10.56/-8.72	-7.58/-6.34	-5.77/-5.02	-4.74/-4.57	-4.35/-4.34	-4.2/-4.34	-4.8/-5.29	-6.26/-7.37	-8.5/-9.4	-10.75/-11.82	-12.56/-12.02	-10.88/-9.22	-7.82/-6.23
Θ(15°)	-5.64/-4.43	-3.21/-2.18	-1.55/-1.48	-1.18/-1.29	-1.42/-1.75	-2.59/-3.6	-5.21/-7.01	-9.25/-11.99	-14.53/-17.35	-19.03/-19.05	-18.22/-16.26	-13.17/-11.1	-9.14/-7.63	-6.64/-5.7	-5.25/-5.48	-5.51/-5.87	-5.82/-5.88	-5.5/-5.46	-5.35/-5.28	-5.84/-6.3	-7.51/-9.03	-11/-11.43	-11.84/-11.04	-9.04/-7.16
Θ(22.5°)	-4.85/-3.45	-2.27/-1.43	-0.94/-0.86	-0.81/-0.94	-1.07/-1.71	-2.49/-3.87	-5.4/-7.04	-8.55/-10.16	-11.51/-12.66	-14.14/-15.86	-18.78/-18	-18.87/-14.49	-12.2/-9.08	-7.02/-5.86	-5.51/-5.58	-6.06/-5.9	-5.83/-5.63	-4.9/-4.37	-3.86/-3.83	-4.15/-5	-6.53/-8.16	-10.06/-11.47	-11.36/-9.79	-7.99/-6.5
Θ(30°)	-3.5/-2.76	-1.96/-1.34	-1.02/-0.86	-0.67/-0.5	-0.63/-1.42	-2.34/-3.73	-5.14/-6.7	-7.83/-9.1	-9.93/-10.39	-10.93/-12.01	-13.27/-14.45	-16.03/-15.55	-12.48/-9.69	-7.36/-5.81	-4.71/-4.63	-4.94/-5.37	-5.21/-5.1	-4.42/-4.1	-4.14/-4.8	-5.94/-7.46	-8.85/-9.97	-10.02/-8.79	-7.76/-6.57	-5.53/-4.55
Θ(37.5°)	-3.33/-3.03	-2.52/-1.85	-1.56/-1.14	-0.38/0.06	-0.09/-0.64	-1.52/-2.62	-3.76/-4.86	-5.75/-6.9	-8.29/-9.63	-10.49/-11.19	-11.62/-14.12	-16.18/-16.63	-13.68/-10.1	-7.82/-5.86	-4.46/-4.24	-4.68/-5.62	-6.08/-5.96	-6.06/-6.13	-6.9/-8.53	-9.28/-9.63	-8.73/-7.61	-6.73/-5.74	-4.99/-4.6	-3.93/-3.62
Θ(45°)	-4.91/-4.76	-4.64/-4.15	-3.51/-2.73	-1.64/-0.88	-0.76/-1.12	-1.72/-2.28	-2.66/-3.29	-4.21/-5.55	-7.55/-9.53	-11.48/-13.59	-14.79/-18.84	-19.06/-18.43	-17.64/-14.58	-11.15/-8.69	-6.96/-6.91	-8.73/-10.86	-9.78/-7.75	-6.3/-6.1	-6.3/-5.88	-5.72/-5	-4.56/-4.16	-4.12/-4.05	-4.31/-4.72	-4.87/-4.68
Θ(52.5°)	-8.13/-8.27	-8.6/-8.55	-7.96/-6.23	-4.57/-3.66	-3.52/-3.28	-3.11/-2.85	-3.08/-3.26	-4.13/-5.66	-8.28/-11.9	-16.92/-17.64	-18.98/-17.97	-18.62/-17.86	-17.49/-17.94	-18.96/-17.17	-15.34/-16.33	-16.46/-10.92	-6.64/-4.95	-4.57/-4.75	-5.19/-5.63	-6.51/-6.59	-5.71/-5.32	-4.66/-4.6	-5/-5.73	-6.91/-7.97
Θ(60°)	-9.5/-9.47	-8.54/-8.21	-8.22/-7.38	-6.17/-6.6	-7.94/-7.81	-6.7/-5.85	-5.69/-5.88	-6.95/-8.79	-11.94/-15.64	-18.5/-18.3	-17.81/-16.12	-15.46/-15.91	-15.92/-15.66	-16.01/-15.99	-14.25/-12.35	-9.42/-7.51	-6.28/-6.28	-7.21/-8.41	-11.02/-15.32	-16.01/-11.69	-8.77/-6.87	-5.75/-4.94	-4.44/-4.9	-6.31/-8.11
Θ(67.5°)	-10.08/-10.26	-9.31/-8.05	-8.15/-6.74	-5.02/-5.32	-7.54/-7.93	-7.47/-7.9	-8.71/-9.31	-9.87/-12.34	-15.04/-18.18	-17.97/-18.86	-17.46/-17.96	-18.2/-17.86	-19.17/-14.75	-12.07/-11.68	-11.75/-11.94	-12.16/-12.76	-13.69/-14.77	-14.25/-14.93	-15.28/-11.74	-8.29/-6.25	-5.11/-5.25	-5.96/-5.79	-5.2/-5.09	-6.38/-8.78
Θ(75°)	-15.3/-15.72	-16.46/-14.58	-14.12/-11.66	-8.32/-7.33	-7.51/-6.29	-5.65/-6.48	-7.88/-9.35	-11.65/-15.01	-17.73/-18.47	-15.27/-11.66	-9.74/-10.11	-12.47/-15.74	-16.06/-14.98	-13.89/-15.3	-17.66/-17.81	-16/-11.03	-8.24/-6.91	-6.91/-9.31	-11.17/-9.3	-7.05/-5.35	-4.89/-5.6	-7.14/-8.69	-9.64/-9.06	-9.8/-12.46
Θ(82.5°)	-17.85/-18.77	-19.12/-16.27	-13.45/-15.56	-12.94/-11.1	-8.94/-6.32	-4.69/-4.54	-5.21/-6.78	-9/-13.31	-17.95/-15.71	-11.66/-9.65	-8.32/-9.08	-12.61/-16.93	-17.1/-14.5	-13.53/-12.68	-10.74/-10.26	-8.11/-6.28	-5.37/-5.22	-6.89/-11.26	-15.62/-12.84	-9.39/-8.02	-7.68/-8.48	-9.35/-9.88	-12.25/-13.73	-12.73/-15.07
Θ(90°)	-18.04/-16.45	-18.21/-15.94	-12.01/-12.04	-13.17/-14.01	-14.55/-9.57	-6/-4.9	-4.61/-4.85	-5.73/-7.97	-10.62/-11.69	-12.96/-16.62	-17.44/-16.04	-18.24/-12.99	-9.18/-7.42	-6.49/-6.01	-6.48/-8.79	-9.82/-8.22	-7.71/-8.24	-11.85/-18.01	-17.88/-12.88	-12.93/-15.2	-18.86/-19.07	-18.28/-18.46	-18.71/-18.93	-13.88/-15.72
Θ(97.5°)	-16.51/-12.85	-12.38/-12.08	-9.53/-7.8	-7.46/-7.92	-8.73/-9.25	-8.1/-7.95	-7.28/-6.95	-7.79/-9.48	-11.7/-14.03	-18.04/-17.66	-14.26/-11.73	-11.28/-7.53	-5.18/-4.51	-4.38/-4.57	-6.29/-10.25	-11.11/-8.3	-6.58/-7.56	-11.34/-15.4	-13.24/-11.43	-12.4/-14.02	-13.79/-13.75	-14.94/-18.91	-18.37/-15.16	-12.68/-14.05
Θ(105°)	-12.67/-11.88	-10.3/-11.44	-11.81/-8.92	-7.66/-6.57	-5.04/-3.28	-2.22/-1.82	-1.9/-2.36	-3.24/-4.84	-6.76/-8.93	-12.16/-18.49	-14.43/-11.7	-11.21/-7.07	-5.05/-4.59	-4.33/-3.9	-5.49/-8.23	-8.73/-6.61	-5.83/-7.2	-10.24/-14.74	-14.67/-13.9	-15.5/-17.63	-16.18/-12.28	-10.72/-11.5	-16.46/-14.15	-10.5/-10.78
Θ(112.5°)	-11.08/-9.21	-6.91/-6.75	-6.94/-5.87	-5.58/-6.06	-5.81/-4.49	-2.74/-1.84	-1.54/-1.41	-2.15/-3.51	-5.16/-7.3	-11.65/-17.87	-14.64/-11.99	-10.64/-7.03	-5.36/-4.95	-3.65/-3.15	-4.81/-8.29	-8.22/-6.34	-5.69/-7.14	-10.26/-12.6	-12.17/-13.85	-18.67/-19.25	-15.72/-13.15	-9.12/-8.33	-10.37/-11.67	-9.32/-9.4
Θ(120°)	-11.81/-13.34	-9.05/-7.21	-5.59/-3.28	-1.93/-1.68	-1.52/-1.57	-1.27/-1.02	-1.2/-1.61	-1.92/-2.77	-4.11/-6.08	-9.97/-17.92	-18.54/-17.69	-18.19/-10.33	-6.68/-4.43	-2.68/-2.49	-4.36/-6.9	-5.29/-3.98	-4.13/-5.27	-8.2/-10.63	-11.36/-13.4	-17.95/-15.62	-12.66/-14.1	-11.58/-8.17	-7.81/-8.59	-8.09/-8.8
Θ(127.5°)	-7.4/-8.99	-8.8/-8.27	-6.92/-4.25	-2.29/-1.25	-0.42/0.31	0.87/1.22	1.33/1.01	0.52/-0.35	-2.12/-4.28	-8.41/-14.64	-17.95/-17.53	-9.38/-5.78	-3.87/-2.78	-1.96/-2.98	-5.04/-6.11	-4.41/-3.6	-3.74/-4.46	-6.49/-8.97	-10.07/-12.23	-18.68/-14.33	-10.58/-11.18	-12.79/-9.75	-7.26/-6.05	-5.65/-5.93
Θ(135°)	-6.82/-6.45	-5.48/-4.72	-3.88/-2.41	-1.22/-0.45	-0.07/0.56	1.18/1.7	2.14/2.1	1.65/0.44	-1.58/-4.54	-9.25/-15.43	-18.72/-14.66	-10.08/-8.23	-8.23/-7.7	-6.98/-6.37	-5.31/-2.87	-1.03/-0.32	0.01/-0.52	-2.24/-5.32	-8.46/-12.86	-18.93/-16.58	-10.76/-9.91	-11.29/-11.16	-9.3/-8.45	-7.24/-7.09
Θ(142.5°)	-9.79/-7.71	-5.23/-3.35	-1.69/0.01	1.21/2.05	2.47/2.53	2.55/2.54	2.33/2.05	1.32/0.11	-1.79/-4.05	-6.41/-8.5	-10.24/-13.58	-18.02/-19.3	-11.1/-5.8	-2.62/-0.47	1.14/2.04	2.26/2.04	1.4/0.18	-2.23/-6.14	-13.4/-18.53	-19.03/-16.05	-14.15/-12.04	-11.1/-10.57	-10.24/-10.62	-11.89/-11.94
Θ(150°)	-14.55/-11.66	-8.19/-5.25	-2.43/-0.27	1.63/3.01	3.95/4.56	4.79/4.82	4.6/4.09	3.15/2.02	0.36/-1.48	-3.6/-6.09	-9.46/-13.18	-11.89/-6.94	-3.26/-0.64	1.05/2.15	2.63/2.46	1.76/0.52	-1.32/-3.72	-7.2/-15.11	-19.03/-12.83	-10.85/-11.3	-13.81/-19.09	-18.39/-14.41	-12.68/-11.96	-11.88/-13.85
Θ(157.5°)	-12.42/-12.94	-12.19/-9.57	-6.19/-3.15	-0.97/0.97	2.41/3.63	4.38/4.93	5/4.91	4.23/3.3	1.95/0.19	-2.15/-5.26	-10.63/-19.18	-12.8/-6.72	-3.29/-1.51	-0.81/-0.51	-1.1/-2.41	-4.17/-6.45	-8.46/-8.49	-8.37/-7.25	-6.3/-5.83	-6.53/-7.28	-9.87/-13.66	-18.85/-19.09	-17.89/-14.2	-11.98/-12.56
Θ(165°)	-9.19/-8.31	-8.55/-8.68	-9.47/-8.32	-6.85/-4.77	-2.97/-1	0.59/1.52	2.09/2.39	2.25/1.6	0.39/-1.03	-3.13/-6.25	-10.72/-19.61	-19.29/-14.52	-10.61/-9.87	-9.89/-12.09	-12.7/-10.39	-6.98/-4.41	-2.65/-1.53	-1.1/-0.87	-1.19/-1.92	-3.18/-4.52	-6.4/-8.59	-12.61/-17.85	-18.76/-16.08	-11.69/-10.02
Θ(172.5°)	-6.72/-5.91	-4.87/-4.64	-4.96/-4.99	-5.31/-5.55	-5.62/-5.88	-5.16/-4.59	-3.9/-3.39	-3.54/-4.04	-4.85/-6.15	-8.01/-10.17	-12.39/-14.67	-17.64/-17.43	-16.92/-13.89	-9.91/-6.74	-4.39/-2.29	-0.86/-0.07	0.73/1.15	0.95/0.8	0.25/-0.66	-1.85/-3.38	-5.29/-7.87	-11.98/-18.59	-18.59/-14.26	-10.9/-8.41
Θ(180°)	-6.68/-5.27	-4.28/-3.64	-2.8/-2.35	-1.85/-1.71	-1.6/-1.74	-2.06/-2.7	-3.35/-4.05	-5.06/-6.57	-8.01/-9.78	-11.73/-13.61	-14.94/-14.7	-12.47/-9.77	-7.46/-5.19	-3.45/-1.9	-0.9/0.04	0.58/0.84	0.8/0.54	0.15/-0.58	-1.52/-2.46	-3.89/-5.89	-8.25/-11.84	-15.45/-17	-15.28/-12.86	-10.47/-8.53
Freq(Hz)	5.2G/Pol.	Phi/Ant. 1	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-4.94/-4.97	-6.44/-8.2	-11.39/-13.25	-16.07/-17.59	-15.93/-14.06	-12.99/-11.09	-8.63/-7.05	-6.07/-5.75	-5.34/-5.2	-4.88/-4.88	-4.65/-4.52	-4.77/-4.85	-5.66/-6.64	-7.71/-9.28	-10.33/-13.47	-15.7/-18.66	-17.43/-17.5	-12.79/-10.41	-9.69/-8.98	-8.44/-7.34	-5.97/-5.58	-5.28/-5.7	-5.83/-6.44	-6.28/-5.44
Θ(7.5°)	-5.7/-5.66	-6.75/-8.97	-11.07/-13.71	-16.25/-17.89	-19.06/-18.92	-16.88/-14.67	-11.58/-9.16	-7.26/-6.1	-5.55/-5.11	-4.9/-4.51	-4.78/-5.15	-5.45/-5.7	-6.16/-6.8	-8.36/-10.27	-12.12/-13.8	-17.92/-17.94	-17.42/-15.4	-12.16/-10.43	-8.94/-7.4	-5.91/-4.98	-4.56/-4.11	-3.78/-4.21	-4.83/-5.63	-6.9/-6.64
Θ(15°)	-7.93/-8.61	-9.9/-10.57	-12.19/-14.12	-16.22/-18.01	-19.34/-17.52	-18.7/-16.06	-12.83/-9.92	-7.58/-5.69	-4.31/-3.33

Θ(22.5°)	-9.13/-12	-10.69/-10.42	-9.86/-10.84	-11.87/-14.68	-17.39/-19.18	-14.79/-10.3	-7.74/-6.26	-4.79/-3.71	-3.62/-3.22	-2.8/-1.97	-1.7/-2.1	-2.9/-3.31	-4.12/-4.45	-5.33/-6.51	-8.59/-11.5	-16.03/-19.55	-17.74/-16.19	-12.08/-11.39	-10.77/-12.39	-14.5/-13.64	-10.68/-6.64	-4.86/-4.51	-5.19/-5.65	-5.87/-7.16
Θ(30°)	-11.91/-11.7	-9.77/-10.51	-9.59/-12.43	-15.8/-17.88	-18.1/-17.87	-18.7/-13.51	-9.31/-6.38	-4.76/-3.4	-2.86/-2.34	-2.13/-1.71	-1.39/-1.73	-2.38/-2.49	-3.09/-5.37	-7.7/-7.72	-6.73/-6.94	-9.75/-13.87	-17.39/-18.44	-18.75/-16.3	-14.6/-13.01	-10.55/-9.59	-9.51/-9.45	-7.92/-9.5	-8.75/-8.6	-9.35/-9.9
Θ(37.5°)	-9.9/-15.81	-16.62/-9.93	-8.16/-10.57	-16.07/-18.38	-17.94/-18.1	-18.31/-12.21	-8.52/-6.55	-4.56/-3.78	-3.16/-2.46	-2.44/-3.12	-3.72/-4.12	-3.68/-3.33	-3.95/-5.45	-6.04/-6.73	-8.24/-9.24	-11.66/-15.83	-18.3/-16.21	-12.25/-9.83	-10.29/-12.51	-11/-10.28	-7.73/-7.08	-8.06/-7.74	-9.02/-8.09	-7.07/-7.42
Θ(45°)	-8.55/-9.46	-12/-14.45	-13.42/-14.13	-18.93/-19.2	-16.09/-18.62	-16.79/-10.1	-6.65/-5.59	-4.87/-4.22	-3.46/-3.46	-3.96/-3.97	-4.07/-3.4	-2.69/-2.35	-2.83/-4.88	-8.04/-8.66	-7.06/-6.37	-8.88/-14.78	-18.01/-19.07	-18.22/-17.51	-18.16/-16.32	-9.78/-8.02	-11.28/-15.47	-14.39/-15.4	-15.01/-17.37	-18.5/-12.43
Θ(52.5°)	-10.05/-9.64	-13.6/-14.64	-13.47/-15.1	-17.74/-18.55	-18.17/-19.08	-14.41/-11.72	-8.34/-5.42	-2.94/-2.05	-1.71/-1.71	-1.66/-0.96	-0.47/-0.08	-1.12/-4.16	-7.17/-6.35	-4.49/-2.98	-3.63/-6.27	-10.97/-17.02	-19.02/-19.19	-19.06/-19.09	-16.65/-15.47	-16.46/-18.92	-18.24/-12.91	-7.85/-6.41	-5.75/-7.42	-9.5/-13.31
Θ(60°)	-8.31/-7.93	-10.46/-16.01	-16.75/-17.02	-18.21/-17.82	-18.29/-16.35	-10.98/-10.95	-8.94/-6.03	-3.93/-3.5	-3.6/-3.6	-3.39/-2.65	-3.22/-5.34	-7.14/-4.36	-2.09/-1.22	-2.58/-6.19	-10.89/-13.53	-12.44/-12.07	-18/-17.34	-17.96/-19.19	-18.18/-16.83	-10.78/-11.01	-9.83/-10.09	-18.75/-16.33	-11.64/-8.09	-10.95/-11.67
Θ(67.5°)	-16.74/-10.73	-10.12/-13.03	-17.29/-17.57	-19.26/-18.55	-15.71/-10.98	-9.99/-8.21	-5.21/-3.36	-2.24/-1.89	-1.92/-1.77	-1.71/-1.82	-1.47/-0.87	-0.31/-1.02	-2.69/-5.94	-4.66/-5.11	-5.89/-7.79	-7.57/-10.59	-18.74/-19.46	-18.81/-17.58	-18.83/-14.34	-13.59/-11	-11.12/-10.76	-11.63/-19.03	-12.32/-10.39	-10.79/-18.79
Θ(75°)	-13.37/-11.43	-11.88/-13.37	-17.4/-17.83	-19.27/-18.26	-17.68/-10.59	-9.56/-6.85	-3.67/-2.63	-1.69/-1.12	-1.28/-1.63	-0.85/0.23	0.26/-1.24	-3.48/-4.12	-2.9/-2.46	-2.92/-4.96	-6.08/-11	-17.82/-16.5	-12.62/-10.11	-11.96/-13.32	-16.87/-13.32	-10.76/-9.17	-4.23/-6.29	-14.43/-11.75	-9.27/-12.72	-17.48/-17.46
Θ(82.5°)	-10.31/-12.55	-12.31/-15.21	-10.51/-9.36	-16.06/-18.91	-13.68/-10.04	-9.29/-6.72	-5.31/-3.46	-1.6/-1.22	-2.44/-2.65	-2.18/-2.4	-2.49/-1.55	-0.4/-0.09	-1.92/-5.03	-4.78/-4.27	-7.36/-8.09	-9.66/-12.22	-17.91/-11.32	-10.12/-12.56	-16.58/-9.67	-18.06/-12.26	-9.45/-4.85	-3.27/-3.99	-7.27/-14.65	-8.4/-7.92
Θ(90°)	-5.06/-11.22	-7.92/-8.07	-11.64/-9.78	-13.47/-19.35	-12.73/-10.9	-9.92/-4.66	-3.03/-2.73	-0.74/-0.3	-0.21/0.27	0.38/-0.25	-0.69/-1.81	-3.27/-2.26	-1/-1.17	-2.95/-5.46	-7.89/-11.1	-8.3/-11.08	-15.39/-17.35	-16.58/-18.83	-15.87/-12.62	-10.5/-18.44	-8.71/-12.84	-11.39/-12.66	-10.53/-9.16	-4.93/-3.7
Θ(97.5°)	-10.27/-5.57	-3.94/-11.19	-9.89/-7.27	-12.55/-15.85	-13.29/-11.23	-7.51/-5.47	-5.63/-3.93	-1.24/-0.43	-1.03/-1.16	0.19/1.06	0.68/-0.3	-0.9/-0.82	-2.38/-4.44	-3.78/-1.95	-4.3/-12.61	-16/-12.61	-10.7/-11.1	-17.34/-15.57	-17.99/-18.42	-14.37/-19.6	-17.44/-8.38	-9.43/-8.57	-10.29/-5.93	-2.31/-3.56
Θ(105°)	-5.86/-5.04	-3.85/-8.13	-11.32/-9.1	-13.03/-10.97	-11.73/-12.71	-9.94/-5.35	-4.47/-3.9	-1.18/0.03	0.03/0.39	0.97/0.12	-0.36/-0.35	-0.19/-1.43	-2.47/-2.47	-3.28/-5.59	-6.83/-6.6	-6.53/-10.43	-9.8/-8.56	-10.38/-15.92	-18.79/-9.74	-11.12/-12.21	-10.04/-13.12	-13.54/-13.58	-14.32/-7.16	-3.33/-3.12
Θ(112.5°)	-8.17/-3.98	-3.66/-9.44	-9.09/-6.4	-8.5/-11.18	-12.23/-11.76	-9.11/-6.34	-5.31/-3.98	-1.34/0.26	0.04/-0.41	0/1.12	2.02/2.02	0.93/-0.46	-2.8/-3.6	-3.01/-2.12	-4.28/-7.78	-7.08/-8.64	-14.39/-18.82	-18.13/-18.34	-15.82/-12.83	-11.01/-14.5	-12.63/-3.96	-9.23/-15.29	-13.84/-10.59	-5.23/-5.52
Θ(120°)	-8.02/-4.16	-3.76/-7.96	-10.92/-6.83	-5.49/-7.1	-11.09/-12.53	-10.92/-8.18	-6.92/-4.9	-1.84/0.17	0.77/1.46	2.14/2.3	1.32/0.59	0.52/0.56	0.08/-1.93	-2.45/-1.52	-1.86/-1.61	-7.14/-17.2	-12.85/-11.4	-18.04/-14.11	-13.85/-19	-18.61/-19.1	-14.82/-16.64	-12.45/-13.07	-11.84/-6.55	-6.13/-9.02
Θ(127.5°)	-5.19/-6.89	-4.82/-2.83	-3.95/-9.12	-10.16/-9.17	-11.35/-12.79	-10.89/-7.98	-5.21/-2.83	-0.56/1.15	2.12/2.66	3.11/3.36	3.8/3.76	2.85/1.01	0.46/1.12	-0.15/-2.34	-5.23/-8.44	-8.55/-14.27	-18.5/-18.14	-17.6/-14.77	-14.68/-16.19	-15.45/-13.04	-16.34/-18.17	-10.27/-5.78	-3.4/-2.27	-2.61/-2.97
Θ(135°)	-3.56/-3.26	-4.06/-3.34	-4.31/-5.52	-6.03/-7.57	-12.22/-16.27	-10.99/-5.61	-3.47/-1.98	-0.54/0.06	0.23/0.01	0.24/1.49	2.87/3.8	4.26/3.9	2.51/0.68	-0.65/-1.46	-5.7/-10.59	-12.43/-15.25	-13.23/-15.61	-18.72/-19.33	-18.96/-18.13	-14.39/-14.52	-13.83/-13.35	-14.34/-13.4	-9.03/-10.43	-8.38/-3.66
Θ(142.5°)	-11.96/-4.83	-0.73/0.25	-1.68/-6.52	-10.99/-9.93	-11.25/-15.31	-14.84/-9.64	-6.44/-4.48	-3.01/-2.15	-1.13/-0.11	1.11/1.98	2.61/2.77	2.54/1.78	1.57/1.48	0.2/-1.94	-3.34/-5.8	-11.38/-12.04	-16.81/-9.89	-9.55/-13.3	-18.76/-17.97	-10.64/-8.33	-9.13/-10.59	-9.34/-7.12	-3.9/-2.95	-3.47/-8.21
Θ(150°)	-9.64/-9.09	-3.89/-1.4	-1.02/-1.77	-4.45/-8.37	-16.68/-17.7	-18.19/-15.92	-7.94/-3.63	-1.04/0.46	1.55/2.25	2.7/3.18	3.25/3	2.61/1.49	-0.52/-2.96	-4.14/-2.89	-3.06/-3.28	-3.15/-4.87	-9.11/-11.42	-10.2/-14.32	-17.95/-18.66	-17.55/-13.88	-12.44/-11.42	-9.75/-7.58	-5.28/-3.85	-3.68/-6
Θ(157.5°)	-5.98/-6.64	-5.62/-4.33	-3.38/-3.4	-4.56/-7.54	-12.35/-15.89	-11.75/-8.09	-5.42/-3.16	-1.21/0.34	1.63/2.6	3.06/2.83	2.07/0.83	-0.07/-0.75	-0.17/0.65	0.94/1.24	1.33/0.77	-1.12/-5.31	-12.8/-17.69	-17.4/-15.21	-17.61/-18.15	-19.14/-16.79	-12.64/-9.39	-7.78/-6.91	-5.91/-5.03	-4.85/-5.27
Θ(165°)	-4.91/-4.76	-4.02/-2.57	-1.98/-2.11	-3.15/-5.5	-8.8/-14.36	-15.64/-10.33	-7.09/-4.33	-2.13/-0.98	-0.09/0.41	0.58/0.69	0.49/0.17	0.23/0.76	1.13/1.53	1.36/0.81	-0.66/-3.26	-7.36/-12.75	-16.66/-16.08	-13.57/-13.37	-13.03/-14.77	-13.54/-10.24	-6.58/-4.56	-3.38/-3.75	-3.32/-3.2	-3.3/-3.98
Θ(172.5°)	-6.65/-6.07	-4.27/-3.06	-2.88/-3.78	-5/-7.25	-10.67/-18.19	-16.39/-9.74	-6.35/-4.67	-3.72/-2.84	-1.89/-1.2	-0.47/-0.23	-0.21/0.21	0.94/1.09	0.68/-0.7	-2.91/-6.61	-11.38/-17.12	-16.65/-17.24	-18.84/-19.11	-18.23/-15.52	-14.63/-13.77	-12.39/-10.68	-9.07/-8.92	-9.3/-9.62	-8.11/-7.47	-7.43/-7.01
Θ(180°)	-3.83/-3.92	-4.54/-4.9	-5.59/-6.56	-8.27/-10.57	-12.54/-16.6	-18.65/-14.23	-11.42/-9.91	-7.83/-6.18	-4.53/-3.04	-2.52/-2.82	-3.09/-3.05	-3.43/-4.77	-6.53/-9.6	-14.22/-16.23	-12.72/-11.91	-11.43/-12.66	-14.93/-19.02	-18.79/-18.58	-17.61/-16.27	-13.22/-10.53	-9.1/-8.03	-5.91/-4.29	-3.09/-3.28	-3.5/-3.34
Freq(Hz)	5.3G/Pol.	Theta/Ant. 1	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ (330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-9.98/-8.67	-7.2/-6.11	-6/-6.18	-6.53/-6.35	-6.29/-5.31	-5.33/-5.01	-5.51/-6.31	-7.24/-7.88	-8.83/-9.1	-12.41/-17	-19.25/-17.97	-18.95/-18.31	-17.51/-14.81	-12.26/-10.26	-7.81/-6.79	-5.78/-5.53	-5.46/-5.89	-6.37/-7.18	-6.67/-6.3	-6.32/-7.27	-8.91/-10.79	-11.1/-12.57	-13.99/-15.2	-14.04/-12.44
Θ(7.5°)	-17.52/-13.6	-11.29/-9.16	-8.47/-8.13	-7.7/-6.58	-5.84/-5.38	-5.36/-5.32	-5.44/-6.49	-7.89/-9.09	-9.7/-10.38	-13.79/-18.22	-18.68/-18.62	-14.54/-12.84	-12.23/-10.04	-7.98/-5.67	-4.32/-3.53	-3.28/-2.93	-2.28/-2.59	-2.93/-4	-4.89/-5.67	-6.9/-8.27	-9.57/-10.89	-12.42/-14.31	-16.18/-18.79	-17.43/-17.53
Θ(15°)	-15.97/-14.82	-13.2/-10.99	-9.88/-9.57	-8.27/-6.18	-5.08/-4.79	-5.08/-5.51	-5.74/-5.34	-6.22/-7.78	-9.35/-9.95	-11.09/-14.03	-18.36/-17.87	-16.39/-12.33	-10.04/-8.26	-6.03/-4.1	-3.25/-2.61	-2.21/-1.65	-1.39/-1.58	-2.22/-2.59	-3.48/-5.26	-8.07/-9.07	-9.88/-11.55	-15.48/-18.62	-18.47/-19.04	-17.19/-15.3
Θ(22.5°)	-11.51/-10.39	-10.62/-10.42	-9.4/-8.58	-7.34/-6.18	-5.32/-4.29	-3.91/-3.87	-3.84/-3.67	-3.91/-5.06	-7.2/-8.19	-9.84/-14.03	-18.36/-18.99	-18.23/-11.55	-9.5/-8.31	-7.78/-6.47	-5.42/-5.15	-5.24/-5.6	-5.42/-5.37	-5.38/-5.77	-6.47/-9.54	-12.71/-15.36	-13.38/-12.16	-12.25/-13.64	-15.79/-18.53	-18.1/-16.26
Θ(30°)	-17.55/-17.4	-13.44/-9.74	-6.43/-7.1	-8.94/-8.84	-7.3/-5.11	-4.36/-4.29	-4.27/-3.97	-5.5/-7.62	-9.96/-10.55	-13.03/-17.68	-17.38/-18.99	-16.95/-14.05	-13.45/-12.47	-10.99/-9.85	-9.35/-10.5	-10.41/-8.55	-6.61/-5.86	-6.79/-9.65	-11.84/-13.44	-15.03/-14.4	-18.76/-18.24	-16.53/-17.36	-17.42/-17.46	-18.75/-19.18
Θ(37.5°)	-16.75/-17.39	-18.06/-17.51	-8.49/-8.32	-8.96/-7.49	-7.43/-5.77	-5.54/-5.86	-6.27/-5.66	-6.79/-8.36	-11.22/-15.78	-18.82/-18.62	-17.28/-18.42	-17.23/-18.49	-18.48/-15.71	-12.73/-11.92	-10.18/-8.43	-7.23/-5.78	-3.8/-3.58	-4.15/-4.34	-5.89/-9.65	-13.44/-14.99	-15.4/-19.02	-17.36/-17.82	-17.77/-18.44	-18.97/-18.1
Θ(45°)	-14.41/-11.61	-11.1/-14.32	-14.13/-12.41	-9.1/-6.82	-5.3/-6.67	-8.64/-7.36	-5.95/-5.33	-6.65/-8.61	-11.06/-13.41	-18.39/-18.1	-18.57/-18.18	-17.6/-18.41	-18.48/-13.95	-12.59/-13.31	-11.18/-11.91	-8.67/-9.19	-8.41/-9.61	-11.21/-11.4	-12.58/-14.11	-13.51/-11.44	-13.35/-14.74	-18.24/-18.23	-18.1/-16.26	-17.02/-18.54
Θ(52.5°)	-13.55/-10.59	-14.09/-11.23	-6.94/-8.99	-17.47/-8	-5.42/-6.74	-11.52/-11.82	-9.4/-7.75	-6.68/-6.83	-9.03/-12.42	-13.94/-15.56	-18.24/-19.04	-18.81/-17.39	-17.96/-19.34	-18.55/-16.94	-14.97/-14.88	-16.08/-11.2	-14.79/-11	-9.1/-10.57	-12.5/-18.47	-15.25/-18.29	-17.57/-19.24	-17.71/-17.56	-17.73/-15.4	-17.62/-17.87
Θ(60°)	-14.54/-7.93	-7.74/-12.55	-12.12/-9.73	-11.42/-9.59	-10.54/-11.43	-11.83/-10.88	-13.49/-17.97	-13.2/-12.89	-14.25/-14.16	-12.81/-14.2	-17.67/-19.39	-17.9/-18.83	-18.69/-18.84	-17.13/-18.33	-18.62/-18.23	-17.98/-10.66	-11.09/-14.09	-18.44/-19.19	-18.62/-15.79	-12.83/-9.13	-12.32/-18.47	-14.46/-18.9	-17.51/-11.69	-10.96/-18.26
Θ(67.5°)	-13.69/-11.89	-18.78/-11.7	-7.93/-9.06	-12.37/-15.35	-13.35/-11.36	-9.99/-11.71	-17.37/-16.19	-14.66/-19.15	-18.77/-18.49	-18.54/-17.76	-16.33/-18.62	-17.49/-18.34	-16.17/-15.13	-15.5/-17.55	-15.87/-12.69	-17.39/-17.66	-13.18/-12.61	-13.3/-12.93	-12.6/-16.8	-17.25/-12.26	-13.73/-13.44	-9.23/-14.7	-15.97/-9.01	-14.57/-14.39
Θ(75°)	-15.83/-15.1	-17.83/-16.74	-11.07/-13.15	-17.76/-17.91	-18.85/-19.71	-17.81/-19.03	-17.71/-14.23	-11.72/-14.37	-18.69/-19.6	-16.63/-12.81	-13.63/-16.61	-16.36/-18.99	-16.68/-9.73	-10.25/-10.4	-18.1/-15.59	-11.39/-12.59	-11.9/-11.18	-15.48/-18.68	-19.24/-16.05	-18.89/-19.03	-15.68/-9.04	-12.81/-11.95	-17.57/-9.75	-10.42/-14.74
Θ(82.5°)	-18.09/-18.91	-15.17/-17.6	-19.18/-17.75	-18.21/-17.5	-12.29/-12.02	-14.94/-18.88	-18.97/-18.14	-18.05/-18.15	-17.86/-17.63	-16.95/-18.23	-17.62/-16.62	-11.87/-11.92	-12.97/-10.26	-10.58/-12.28	-11.48/-12.26	-11.03/-8.63	-9.89/-12.55	-18.77/-18.25	-14.62/-15.53	-12.1/-11.11	-11.83/-17.82	-19.38/-18.74	-13.16/-11.16	-10.34/-14.62
Θ(90°)	-18.74/-18.93	-17.67/-13.97	-18.23/-18.1	-14.02/-8.51	-7.6/-8.68	-14.65/-17.66	-15.7/-12.88	-17.88/-18.86	-18.89/-18.32	-19.04/-18.2	-17.76/-17.25	-13.64/-13.66	-12.1/-9.42	-8.7/-9.7	-12.2/-9.46	-7.93/-9.33	-8.9/-8.43	-11.76/-15.03	-15.63/-16.89	-16.99/-17.05	-16.99/-19.04	-11.5/-17.66	-18.23/-14.72	-13.59/-16.31
Θ(97.5°)	-18.9/-18.77	-18/-11.82	-9.59/-9.14	-8.19/-8.55	-6.68/-5.91	-7.57/-9.46	-10.2/-10.31	-12.04/-15.4	-17.15/-15.38	-15.27/-17.56	-17.37/-18.03	-14.43/-13.36	-12.12/-8.21	-6.37/-5.91	-6.45/-6.7	-9.15/-7.94	-7.65/-7.77	-9.03/-8.38	-9.56/-10.17	-8.06/-10.09	-18.52/-10.38	-13.23/-13.85	-19.03/-13.47	-16.26/-19.36
Θ(105°)	-13.53/-12.65	-11.17/-8.12	-5.77/-5.35	-10.02/-6.71	-1.76/-1.01	-3.28/-6.95	-9.09/-8.83	-9.62/-12.2	-12.92/-12.47	-11.58/-14.64	-13.93/-12.67	-11.48/-7.67	-8.44/-8.71	-6.98/-8.3	-7.21/-8.9	-3.73/-4.92	-6.19/-8.08	-8.14/-10.63	-12/-18.27	-11.26/-11.79	-19.14/-15.49	-19.2/-14.55	-15.29/-19.5	-16.9/-17.24
Θ(112.5°)	-15.6/-10.4	-6.46/-7.43	-6.76/-3.65	-3.17/-4.4	-2.15/-0.77	-1.34/-3.91	-6.62/-7.01	-7.1/-8.19	-8.51/-8.23	-7.95/-7.31	-10.06/-14.98	-18.98/-17.78	-9.6/-8.3	-7.56/-6.18	-4.14/-1.66	-0.93/-7.01	-17.83/-6.93	-5.68/-6.95	-8.94/-10.46	-5.91/-11.17	-16.81/-8.88	-18.18/-15.87	-11.58/-13.96	-14.05/-18.6
Θ(120°)	-10.46/-4.81	-5.7/-6.96	-5.31/-2.21	-2.15/-2.8	-1.45/-0.1	-0.56/-2.16	-4.28/-5.66	-5.5/-6.36	-7.39/-7.57	-7.84/-8.31	-10.45/-16.38	-17.44/-18.06	-10.04/-7.64	-4.19/-4.27	-4.34/-2.47	-1.83/-3.48	-6.59/-5.78	-4.64/-3.87	-9.37/-14.13	-5.12/-10.51	-13.48/-14.24	-14.81/-9.72	-18.14/-12.42	-15.27/-16.78
Θ(127.5°)	-14.19/-6.84	-4.11/-3.17	-2.98/-3.15	-3/-0.97	0.37/0.28	-0.27/-0.9	-1.07/-1.97	-2.95/-4.7	-6.13/-6.62	-5.44/-6.09	-7.48/-8.83	-11.03/-10.02	-8.57/-6.06	-5.74/-4	-3.92/-5.15	-6.59/-16.95	-6.99/-3.1	-1.56/-4.74	-9.85/-6.19	-3.73/-5.27	-14.75/-17.41	-17.8/-12.05	-11.74/-15.31	-15.76/-18.33
Θ(135°)	-10.07/-5.73	-5.31/-5.65	-4.11/-1.73	-0.12/0.87	1.07/0.42	-0.48/-0.85	-1.4/-1.6	-1.47/-1.59	-2.59/-3.37	-3.52/-3.83	-5.43/-6.41	-7.36/-8.79	-7.9/-6.32	-6.54/-7.21	-10.27/-4.8	-5.31/-9.99	-12.39/-5.43	-5.17/-9.42	-18/-8.12	-6.46/-8.46	-14.26/-16.31	-9.87/-11.28	-7.85/-10.14	-14.81/-18.66
Θ(142.5°)	-13.14/-9.67	-4.93/-1.94	-1.14/-1.97	-3.45/-0.84	1.55/2.64	2.74/2.18	1.17/-0.26	-1.78/-3.34	-4.7/-6.56	-8.84/-10.59	-13.94/-18.08	-18.23/-18.01	-18.76/-15.22	-5.78/-3.09	-4.14/-12.8	-5.5/0.77	2/2.61	1.32/-2.78	-7.1/-7.38	-3.62/-2.39	-4.14/-9.39	-11.33/-11.44	-8.55/-9.33	-13.42/-16.17
Θ(150°)	-8.09/-6.68	-5.18/-3.48	-1.53/-0.2	1.46/2.22	1.93/1.49	1.13/1.13	0.83/0.38	-0.66/-1.73	-3.52/-5.36	-7.18/-9.34	-10.42/-11.4	-10.94/-10.93	-9.58/-8.27	-9.36/-8.35	-4.17/0.69	3.52/3.78	2.2/0.85	-0.38/-3.6	-8.7/-10.24	-5.46/-2.58	-2.42/-6.41	-17.85/-18.13	-19.04/-18.52	-13.84/-10.37
Θ(157.5°)	-9.3/-8.4	-6.78/-4.59	-2.35/-0.47	1.26/2.15	2.18/2	1.94/1.88	1.94/1.96	1.68/0.97	0.02/-1.52	-4.03/-8.02	-13.62/-17.83	-17.32/-16.2	-11.93/-7.63	-3.65/-0.76	1.19/1.64	0.76/-2.17	-6.08/-4.19	-4.26/-8.45	-10.03/-8.28	-12.14/-18.54	-12.41/-11.54	-16.6/-19.04	-19.04/-18.44	-18.3/-12.92
Θ(165°)	-10.17/-11.71	-9.72/-5.71	-2.76/-0.29	1.35/2.46	2.87/2.71	2.3/1.97	1.45/0.64	-0.33/-1.46	-2.93/-4.51	-7.29/-11.2	-17.37/-18.95	-16.79/-13.41	-9.03/-5.07	-2.75/-1.66	-2.71/-6.23	-12.3/-7.37	-2.97/-1.21	-1.6/-3.95	-6.18/-6.2	-7.02/-8.33	-7.39/-6.89	-9.4/-14.93	-17.56/-15.01	-11.09/-10.47
Θ(172.5°)	-14.63/-11.31	-8.51/-5.53	-2.64/-0.72	0.75/1.58	1.81/1.78	1.61/1.39	0.74/-0.45	-1.99/-4.04	-6.51/-10.03	-13.77/-19.04	-19.14/-18.7	-13.49/-10.9	-8.39/-7.13	-7.14/-9.66	-13.77/-10.13	-4.77/-1.35	0.11/0.25	-0.78/-3.12	-6.33/-10.24	-15.64/-13.64	-13.56/-15.63	-18.47/-19.11	-18.85/-18.46	-17.66/-17.61
Θ(180°)	-10.77/-9.02	-6.98/-5.65	-4.36/-3.42	-3.1/-3.16	-3.51/-4.15	-4.09/-3.84	-3.87/-3.46	-3.08/-3.22	-4.63/-6.65	-8.79/-10.6	-13.76/-14.82	-13.09/-12.98	-15.23/-19.17	-18.09/-12.59	-7.82/-5.09	-3.35/-2.39	-2.48/-3.37	-6.86/-14.03	-18.75/-11.08	-8.85/-8.24	-9.8/-11.61	-12.16/-11.17	-12.7/-15.71	-14.82/-12.65
Freq(Hz)	5.6G/Pol.	Phi/Ant. 1	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-4.86/-4.97	-7.21/-8.94	-12.34/-15.27	-18.56/-18	-17.64/-18.16	-16.51/-13.94	-10.39/-8.65	-6.93/-5.32	-5.25/-5.07	-4.12/-3.45	-3.9/-4.39	-4.6/-5.22	-5.67/-6.81	-8.84/-10.81	-13.57/-16.65	-19.3/-18.69	-18.38/-18.33	-16.8/-14.03	-9.86/-7.1	-5.8/-5.82	-5.05/-4.28	-4.32/-3.97	-3.94/-4.53	-5.7/-4.67
Θ(7.5°)	-5.57/-5.99	-7.57/-9.17	-12.64/-17.45	-19/-18.09	-17.16/-17.35	-14.4/-10.47	-8.45/-7.74	-6.27/-5.11	-4.17/-4.04	-3.84/-4.12	-3.61/-3.37	-3.54/-4.37	-6.88/-9.04	-10.77/-12.27	-14.41/-15.28	-16/-19.28	-18.36/-17.56	-18.15/-13.94	-10.1/-8.42	-6.19/-6.02	-5.85/-4.1	-3.51/-3.53	-4.02/-3.72	-5.05/-5.98
Θ(15°)	-3.45/-4.64	-5.37/-7.19	-7.86/-10.53	-12.28/-15.83	-18/-18.88	-14.09/-10.4	-8.95/-8.23	-6.66/-4.89	-3.77/-3.45	-3.19/-2.74	-2.57/-2.28	-1.85/-2.64	-4.71/-8.01	-9.83/-10.24	-11.14/-11.09	-12.31/-16.48	-17.99/-19.06	-18.69/-18.18	-15.12/-10.32	-7.68/-6.36	-6.18/-5.51	-4.73/-3.89	-3.52/-2.36	-1.8/-2.74
Θ(22.5°)	-4.42/-4.56	-5.02/-6.39	-7.8/-9.57	-13.13/-15.71	-18.37/-18.66	-12.8/-8.33	-5.94/-4.35	-3.61/-3.29	-2.85/-2.28	-1.88/-2.21	-2.61/-2.96	-2.3/-1.87	-2.13/-3.69	-5.81/-7.98	-8.91/-9.61	-11.58/-14.2	-16.01/-17.88	-18.64/-16.2	-13.54/-10.71	-8.35/-7.24	-7.73/-8.63	-9.18/-9.26	-9.31/-9.36	-7.12/-5.02
Θ(30°)	-5.25/-5.27	-4.62/-7.6	-10.8/-12.15	-16.13/-17.57	-18.69/-17.12	-11.24/-8.27	-5.3/-4.21	-2.98/-2.53	-1.98/-1.94	-1.82/-1.32	-1.71/-1.31	-1.11/-1.66	-2.61/-2.7	-3.38/-5.1	-7.47/-8.26	-9.65/-12.3	-13.82/-18.4	-17.84/-12.8	-12.06/-12.76	-11.53/-9.01	-8.05/-8.56	-10.57/-8.67	-6.75/-5.62	-5.53/-6.05
Θ(37.5°)	-9.28/-11.45	-7.1/-6.49	-7.94/-13.9	-17.75/-15.27	-18.41/-17.45	-11.86/-7.42	-4.82/-3.6	-2.8/-1.93	-1.4/-0.71	-0.5/0.48	0.69/0	-0.85/-1.89	-2.51/-1.41	-2.26/-3.68	-6.69/-6.3	-6.69/-8.82	-15.05/-17.82	-17.63/-18.5	-18.51/-13.96	-13.49/-13.92	-11.25/-7.23	-4.14/-5.12	-5.94/-7.69	-8.91/-7.71
Θ(45°)	-7.73/-9.64	-9.24/-7.05	-8.32/-14.86	-14.11/-15.7	-18.01/-18.69	-14.93/-10.56	-6.09/-3.58	-1.73/-1.01	-0.77/-0.54	-0.03/0.54	1.15/0.82	-0.12/-0.43	-0.08/-0.46	-1.28/-3.14	-4.12/-5.78	-6.45/-10.24	-11.54/-13.1	-12.13/-11.32	-13.73/-14.92	-11.35/-8.92	-9.89/-12.94	-10.37/-9.43	-13.31/-10.36	-7.33/-5.42
Θ(52.5°)	-8.38/-13

Θ(67.5°)	-10.48/-12.48	-18.23/-12.81	-11.07/-15.45	-18.37/-16.04	-12.76/-13.58	-8.82/-4.96	-4.24/-2.72	-1.03/-0.41	-0.29/0.58	1.23/1.47	1.1/0.94	1.37/1.69	1.25/-1.15	-2.24/-1.44	-4.56/-9.52	-18.79/-16.82	-14.22/-11.89	-15.71/-18.34	-13.61/-15.67	-12.05/-15.79	-9.37/-7.53	-12.63/-17.58	-18.28/-13.52	-13.33/-15.24
Θ(75°)	-13.55/-11.2	-13.34/-16.3	-12.57/-17.59	-18.06/-16.26	-11.01/-8.8	-6.89/-4.84	-4.95/-2.46	-1.45/-1.87	-0.76/0.67	0.33/0.3	0.77/0.84	0.49/0.37	1.39/0.12	-2.97/-1.59	-0.3/-1.62	-9.14/-15.27	-18.59/-16.95	-12.6/-14.5	-18.12/-12.19	-11.11/-11.09	-8.31/-3.64	-4.3/-10.53	-18.58/-9.62	-7.79/-11.02
Θ(82.5°)	-11.88/-7.39	-12.56/-12.15	-7.76/-13.36	-18.45/-11.54	-12.61/-11.96	-7.84/-6.15	-4.23/-2.06	-1.3/-0.68	0.63/0.46	-0.01/0.18	0.98/0.78	0.36/-0.28	-0.12/-0.5	-2.63/-5	-5.12/-7.55	-8.83/-13.81	-16.63/-19.51	-17.56/-17.62	-13.62/-18.76	-11.9/-18.15	-5.41/-7.18	-8.71/-15.81	-9.85/-6.94	-5.43/-10.65
Θ(90°)	-5.39/-4.19	-9.63/-12.86	-9.49/-12.41	-18.94/-18.07	-13.71/-10.26	-7.35/-6.3	-3.73/-1.41	-1.23/-1	-0.51/-0.01	0.94/0.1	-0.84/0.15	0.83/0.93	0.51/-1.14	-3.37/-3.9	-3.06/-4.44	-9.05/-9.54	-14.81/-18.64	-14.07/-17.24	-19.07/-17.56	-19.02/-14.92	-11.66/-10.32	-14.31/-12.82	-8.14/-8.56	-5.42/-7.89
Θ(97.5°)	-6.79/-6.43	-9.33/-7.39	-6.66/-13.26	-15.53/-13.9	-16.75/-11.41	-9.08/-4.71	-2.98/-2.1	-1.72/-0.73	0.94/0.95	0.33/0.49	0.83/-0.69	-2.91/-2.14	0.54/0.04	-2.63/-7.31	-6.95/-4.67	-9.51/-14.1	-14.6/-14.91	-15.16/-13.79	-15.89/-16.41	-10.42/-8.73	-13.98/-8.01	-10.15/-7.47	-19.17/-9.29	-6.52/-5.68
Θ(105°)	-8.83/-8	-5.7/-8.8	-8.89/-9.89	-17.49/-18.08	-17.25/-9.85	-8.66/-7.28	-5.71/-2.81	-1.92/-0.4	0.05/1.12	2.19/2.21	1.12/0.03	-1.21/-1.18	-0.45/-0.83	-2.03/-4.21	-6.09/-10.67	-16.6/-8.1	-10.83/-13.95	-17.51/-14.97	-13.02/-12.7	-16.87/-14.58	-8.29/-11.81	-15.19/-18.89	-18.01/-18.36	-4.59/-2.86
Θ(112.5°)	-4.34/-2.7	-6.41/-7.66	-5.6/-9.82	-15.55/-18.13	-18.66/-12.41	-7.98/-5.08	-3.95/-2.31	-1.76/-0.39	1.56/2.33	1.95/1.96	2.09/1.99	0.59/-1.26	-2.52/-3.68	-2.02/-3.74	-5.48/-7.46	-11.07/-13.45	-15.35/-18.51	-14.16/-12.15	-16.39/-14.71	-11.92/-13.15	-17.99/-4.33	-18.17/-9.39	-6.82/-14.41	-12.34/-13.04
Θ(120°)	-7.4/-6.98	-5.01/-4.82	-6.02/-7.62	-15.46/-15.73	-17.93/-16.29	-10.87/-8.66	-4.61/-1.97	-0.43/0.43	0.76/0.91	1.71/2.73	2.62/1.11	-0.03/0.61	0.33/-1.26	-2.72/-4.02	-4.03/-7.34	-6.75/-17.74	-17.92/-10.89	-19.13/-15.44	-10.58/-16.54	-7.94/-7.75	-13.25/-7.23	-11.06/-10.21	-9.45/-7.54	-6.93/-7.17
Θ(127.5°)	-7.19/-3.3	-0.93/-2.18	-9.95/-13.68	-9.05/-10.76	-13.37/-13.48	-10.72/-6.65	-4.43/-2.78	-1.68/-0.49	1.07/2.56	3.55/3.24	2.61/1.86	1.02/1.09	0.32/-2.7	0.18/0.76	-2.33/-6.43	-19.02/-18.73	-18.78/-12.33	-8.95/-8.69	-17.73/-10.46	-9.78/-11.79	-12.48/-18.32	-18.57/-7.06	-5.31/-3.56	-3.89/-5.31
Θ(135°)	-4.51/-5.57	-3.16/-1.22	-1.68/-5.11	-9.27/-16.06	-16.16/-19.69	-12.42/-9.3	-5.35/-2.67	-1.39/0.24	1.65/2.08	1.92/2.18	2.88/2.25	2.14/2.07	0.82/-2.45	-6.37/-3.76	-3.01/-8.9	-13.23/-18.29	-15.94/-13.65	-13.83/-13.96	-17.99/-14.83	-9.1/-12.94	-18.28/-16.05	-17.94/-9.17	-7.34/-3.45	-1.49/-2.47
Θ(142.5°)	-5.52/-3.46	-2.26/-1.54	-3.56/-7.67	-8.67/-9.06	-10.29/-14.21	-12.42/-7.89	-5/-1.79	0.41/1.53	2.33/2.89	3.79/4.23	4.09/4.2	3.35/2.35	1.41/0.7	-0.38/-4.97	-18.49/-10.43	-8.74/-8.33	-11.74/-13.36	-11.89/-14.71	-18.02/-18.24	-13.85/-8.81	-8.84/-8.14	-7.66/-4.31	-3.69/-5.76	-10.64/-7.53
Θ(150°)	-9.63/-6.78	-1.08/1.41	0.95/-1.35	-6.62/-12.03	-19.29/-18	-15.72/-7.64	-3.53/-1.38	-0.21/0.83	2/3.11	3.8/4.05	4.33/3.39	2.26/1.02	-1.58/-3.48	-6.06/-5.78	-6.1/-8.07	-6.71/-6.82	-10.71/-10.15	-7.35/-7.28	-8.06/-8.99	-6.53/-5.21	-5.57/-9.75	-10.46/-6.29	-3.18/-1.96	-2.98/-6.6
Θ(157.5°)	-10.49/-7.48	-3.37/-1.83	-1.16/-2.29	-4.11/-5.65	-8.2/-11.73	-10.45/-8.96	-5.82/-3.4	-1.17/0.45	1.31/2.22	2.64/2.77	1.94/0.25	-1.34/-1.64	-1.43/-1.22	-0.99/-2.26	-2.94/-2.55	-4.19/-7.52	-12.22/-14.92	-16.65/-19.2	-16.84/-14.78	-15.9/-17.96	-14.45/-8.97	-6.94/-5.16	-2.86/-1.44	-1.38/-3.88
Θ(165°)	-5.81/-5.95	-4.92/-3.95	-3.69/-4.83	-5.81/-7.13	-9.41/-10.96	-11.06/-7.38	-4.58/-1.94	0.15/1.7	2.51/3	2.84/2.3	1.36/0.59	0.51/0.78	0.93/0.77	-0.03/-0.66	-1.86/-4.21	-9.66/-19.86	-18.09/-18.83	-18.04/-17.7	-17/-14.16	-10.83/-7.41	-4.76/-3.78	-4.3/-3.65	-3.41/-3.46	-4.18/-5.29
Θ(172.5°)	-4.83/-5.14	-3.81/-3.61	-3.72/-4.02	-5.42/-7.64	-11.15/-14.63	-12.44/-8.52	-6.39/-5.72	-4.21/-3.44	-2.35/-1.52	-1.04/-0.16	0.45/0.71	0.74/0.59	0.2/-1.13	-3.06/-6.11	-10.38/-17.59	-18.35/-19.45	-19.12/-18.84	-19.02/-16.64	-15.17/-15.64	-13.35/-11.96	-11.98/-13.36	-12.47/-9.46	-8.26/-7.1	-5.93/-5.41
Θ(180°)	-3.02/-3.39	-3.83/-4.38	-5.39/-6.85	-8.28/-9.98	-14.16/-16.67	-14.4/-11.62	-9.65/-8.02	-6.71/-5.13	-3.89/-3	-2.3/-1.71	-1.79/-1.99	-2.5/-3.67	-5.03/-7.28	-10.95/-14.55	-15.24/-15.14	-15.25/-16.66	-17.73/-18.83	-18.17/-19.1	-19.1/-15.64	-11.66/-8.55	-7.24/-5.67	-5.18/-4.66	-3.45/-2.85	-2.97/-2.98
Freq(Hz)	5.785G/Pol.	Theta/Ant. 1	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ (232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-11.56/-9.65	-8.49/-6.42	-4.86/-3.98	-3.62/-3.2	-3.74/-4.24	-3.82/-4.07	-4.47/-5.41	-6.14/-6.6	-6.89/-8.33	-10.92/-13.07	-16.16/-17.87	-18.7/-15.64	-10.27/-8.1	-7.09/-6.87	-6.15/-6.01	-5.36/-4.09	-3.06/-2.32	-1.64/-1.7	-2.82/-4.6	-5.74/-5.91	-5.63/-8.01	-11.18/-13.48	-15.62/-18.69	-18.95/-14.16
Θ(7.5°)	-10.99/-9.66	-8.46/-7.28	-5.16/-3.97	-3.53/-3.54	-2.91/-2.07	-1.91/-1.43	-1.7/-2.2	-2.6/-3.26	-4.82/-5.8	-8.14/-12.02	-16.91/-18.65	-18.95/-12.17	-9.22/-6.77	-5.9/-5.55	-5.99/-6.08	-6.39/-4.96	-4.68/-3.84	-3.16/-2.22	-2.51/-4.1	-6.79/-8.33	-8.68/-9.91	-13.09/-17.65	-17.75/-17.76	-18.77/-14.72
Θ(15°)	-10.88/-8.56	-7.18/-6.8	-5.25/-4.71	-3.75/-3.11	-2.4/-1.73	-1.71/-1.09	-1.06/-1.57	-2.21/-2.69	-3.74/-5.18	-7.61/-11.28	-15.37/-18.19	-17.87/-12.78	-8.42/-6.24	-5.06/-5.16	-5.73/-7.1	-6.3/-4.43	-3.85/-4.05	-4.37/-4.51	-4.67/-5.29	-6.74/-8.1	-10.16/-11.11	-13.01/-14.67	-18.77/-18.62	-18.41/-15.37
Θ(22.5°)	-18.77/-12.86	-9.1/-7.68	-6.1/-3.42	-2.2/-1.9	-2.01/-2.2	-2.61/-2.97	-4.26/-5.31	-5.91/-7.18	-7.9/-9.82	-12.93/-16.15	-19.8/-18.99	-19.22/-16.41	-9.43/-6.3	-4.97/-4.49	-4.66/-5.54	-5.37/-4.55	-4.33/-4.17	-3.86/-5.58	-5.55/-5.08	-5.89/-8.09	-10.92/-18.62	-19.6/-18.15	-18.58/-18.75	-18.49/-18.83
Θ(30°)	-13.26/-10.61	-9.87/-10.84	-9.86/-7.27	-4.77/-3.25	-2.44/-2.65	-3.79/-4.58	-4.97/-4.2	-3.95/-4.84	-5.97/-7.77	-10.14/-14.1	-18.02/-18.65	-17.95/-15.62	-11.85/-7.93	-6.37/-5.05	-2.87/-3.03	-3.92/-3.5	-2.14/-2.57	-4.53/-3.44	-3.27/-4.92	-9.46/-14.56	-16.89/-15.21	-16.56/-16.44	-18/-18.45	-18.56/-18.47
Θ(37.5°)	-18.64/-15.27	-10.2/-6.99	-5.8/-8.15	-7.71/-5.72	-5.58/-6.23	-6.26/-4.46	-2.43/-2.04	-2.46/-3.77	-5.76/-7.12	-8.71/-13.15	-18.28/-18.65	-17.56/-13.39	-11.82/-12.9	-6.62/-3.37	-1.9/-2.71	-3.89/-3.46	-3.48/-4.13	-2.95/-2.96	-5.13/-6.91	-6.67/-9.95	-15.02/-19.35	-18.35/-15.94	-15.67/-16.87	-17.42/-18.72
Θ(45°)	-18.98/-18.49	-18.25/-11.16	-9.18/-10.8	-7/-5.26	-6.48/-6.84	-6.27/-5.51	-5.02/-5.02	-5.36/-6.38	-6.64/-6.87	-8.62/-13.6	-19.19/-18.98	-11.18/-11.99	-18.39/-10.14	-5.78/-3.71	-4.13/-6.93	-9.74/-12.07	-9.63/-5.96	-6.74/-9.85	-8.98/-11.21	-19.04/-16.85	-12.7/-13.81	-15.59/-18.55	-18/-14.89	-16.64/-17.48
Θ(52.5°)	-18.37/-15.52	-17.32/-12.11	-9.42/-10.55	-8.64/-9.07	-10.62/-5.82	-4.88/-5.72	-7.18/-5.76	-5.57/-5.73	-6.86/-6.74	-8.42/-12.98	-18.37/-11.51	-9/-11.32	-14.49/-9.21	-7.13/-7.55	-10.26/-12.05	-9.43/-7.04	-6.05/-5.21	-6.12/-9.06	-10.7/-9.75	-12.49/-19.07	-18.98/-18.3	-16.02/-18.27	-18.98/-16.22	-12.61/-17.94
Θ(60°)	-9.57/-6.68	-13.85/-12.06	-10.14/-10.04	-6.71/-9.15	-14.11/-7.91	-5.73/-6.89	-7.41/-7.02	-8.26/-7.82	-7.64/-7.72	-11.13/-16.17	-18.93/-18.55	-12.07/-10.43	-10.55/-18.72	-19.08/-9.61	-7.63/-7.78	-11.03/-14.14	-17.44/-11.51	-10.67/-10.61	-12.91/-18.11	-14.23/-14.76	-18.28/-16.32	-18.09/-16.56	-13.06/-8.36	-10.73/-17.24
Θ(67.5°)	-9.4/-7.1	-13.41/-16.43	-11.83/-11.2	-15.33/-12.19	-8.79/-7.82	-9.46/-12.56	-8.65/-8.29	-9.97/-11.39	-11.63/-11.19	-15.96/-18.93	-15.34/-16.68	-10.65/-9.47	-10.13/-16.67	-16.7/-10.44	-13.01/-16.66	-18.21/-16.07	-18.33/-12.07	-10.38/-18.31	-18.88/-11.18	-18.12/-14.61	-11.04/-18.63	-18.78/-18.12	-10.36/-10.56	-7.34/-13.7
Θ(75°)	-8.77/-10.07	-13.44/-10.39	-11.4/-16.41	-12.72/-8.14	-8.61/-11.78	-15.3/-14.72	-12.61/-12.47	-13.55/-13.4	-14.6/-18.41	-18.8/-19.26	-18.24/-15.76	-17.7/-14	-11.61/-16.24	-18.88/-10.54	-10.95/-19.32	-17.69/-17.35	-13.97/-10.55	-12.29/-16.79	-18.12/-18.42	-12.97/-14.79	-17.66/-19.26	-14.63/-16.28	-9.28/-10.35	-10.09/-9.63
Θ(82.5°)	-14.8/-13.52	-12.29/-14.51	-18.88/-11.49	-8.39/-11.43	-17.65/-16.95	-11.72/-12.8	-16.95/-14.64	-18.45/-18.37	-19.2/-16.44	-14.01/-19.27	-15.09/-10.86	-13.59/-17.86	-10.92/-10.35	-17.99/-8.36	-7.81/-19.58	-14.61/-16.26	-13.06/-9.51	-16.65/-11.9	-9.59/-17.69	-12.65/-14.77	-14.54/-17.28	-9.75/-14.26	-12.33/-10.57	-12.04/-9.9
Θ(90°)	-16.65/-12.5	-11.92/-15.66	-16.01/-8.91	-8.47/-10.11	-13.11/-11.59	-14.21/-16.96	-16.88/-15.33	-11.64/-10.53	-12.22/-12.09	-10.64/-9.68	-10.22/-15.59	-18.96/-17.94	-12.52/-9.65	-10.86/-10.16	-7.88/-5.5	-10.45/-8.6	-11.47/-11.01	-16.58/-10.49	-12.27/-13.42	-10.25/-14.06	-10.9/-13.3	-18.19/-13.31	-17.25/-9.35	-9.15/-12.6
Θ(97.5°)	-9.21/-8.91	-16/-11.44	-8.96/-10.79	-7.36/-4.76	-6.54/-11.62	-17.65/-16.68	-12.09/-10.64	-6.63/-6.77	-6.67/-8.95	-9.53/-11.47	-12.13/-15.66	-19.16/-19.2	-10.73/-8.75	-11.52/-7.4	-6.2/-5.23	-5.82/-7.38	-17.99/-10.95	-7.89/-8.73	-9.57/-19.57	-11.36/-10.33	-10.93/-18.63	-11.41/-14.99	-16.84/-14.25	-13.23/-17.08
Θ(105°)	-8.84/-5.21	-8.93/-10.79	-7.87/-6.16	-3.74/-2.87	-3.5/-7.19	-9.07/-7.73	-6.38/-5.58	-4.77/-5.3	-5.46/-8.78	-8.23/-10.43	-9.4/-13.52	-18.7/-11.32	-7.59/-6.92	-7.07/-3.8	-5.28/-5.67	-4.47/-2.4	-4.85/-8.71	-6.11/-3.15	-6.91/-8.65	-10.45/-18.72	-18.15/-16.21	-12.59/-19.07	-9.88/-10.58	-11.9/-19.26
Θ(112.5°)	-11.46/-8.01	-8.26/-7.18	-3.87/-3.01	-4.22/-4.27	-3/-3.12	-6.18/-5.14	-3.95/-3.39	-2.69/-1.7	-4.12/-5.75	-8.53/-9.1	-10.96/-18.01	-17.72/-13.42	-7.34/-5.21	-7.82/-8.01	-2.37/-3.73	0.15/-3.22	-7.14/-12.13	-10.23/-8.1	-12.97/-9.07	-4.27/-7.07	-13.35/-5.74	-12.84/-15.41	-9.27/-19.04	-10.8/-10.27
Θ(120°)	-10.64/-8.84	-7.6/-5.74	-4.38/-3.89	-2.15/0.1	-0.68/-2.52	-1.68/-1.94	-2.32/-2.07	-1.08/-1.19	-1.64/-2.56	-5.21/-7.56	-11.04/-16.8	-17.75/-10.3	-9.52/-5.09	-3.95/-3.88	-0.06/-1.08	0.87/-5.99	-8.27/-0.96	-2.88/-4.53	-10.93/-6.02	-3.7/-6.78	-11.42/-13.23	-17.46/-14.44	-12.1/-16.53	-9.73/-15.36
Θ(127.5°)	-13.71/-5.23	-2.66/-4.55	-6.53/-2.36	-0.36/-1.05	-2.26/-1.72	0.67/1.37	0.47/-0.71	-1/0.1	-0.55/-2.79	-5.74/-8.65	-13.13/-18.75	-17.91/-9.31	-3.31/-3.79	-2.57/-1.58	-2.11/-2.45	-0.95/-2.23	-14.83/-3.77	-1.24/-2.66	-8.09/-2.98	-2.36/-8.5	-19.07/-16.1	-17.81/-9.81	-11.48/-10.48	-10.19/-17.99
Θ(135°)	-14.24/-10.09	-7.29/-5.91	-3.05/-0.77	0.18/-0.22	-0.52/0.9	1.5/1.57	1.21/0.76	1.32/0.95	-0.21/-2.56	-5.39/-9.32	-13.12/-18.78	-16.18/-10.74	-5.55/-4.25	-2.24/-1.86	-2.5/-14.44	-6.34/-4.55	-5.41/-8.74	-15.58/-17.82	-18.58/-5.47	-1.77/-5.7	-18.53/-15.06	-18.34/-14.15	-12.49/-14.12	-18.34/-17.25
Θ(142.5°)	-10.06/-6.47	-4.07/-3.9	-5.49/-4.82	-0.41/2.09	1.96/0.84	-0.09/-0.34	0.78/1.4	1.73/1.42	0.28/-1.76	-3.65/-6.03	-8.73/-10.49	-8.46/-4.95	-3.79/-6.15	-10.32/-6.3	-2.81/-1.18	-6.18/-7.61	-2.29/-0.41	-1.08/-6.47	-18.33/-10.99	-4.88/-3.61	-5.97/-12.03	-17.3/-10.83	-9.57/-11.24	-10.69/-10.66
Θ(150°)	-10.62/-13.64	-8.56/-3.57	-0.08/0.77	-0.11/-0.26	0.28/1.69	3.22/3.89	3.67/3.05	2.19/1.25	-0.14/-1.9	-4.16/-7.35	-10.96/-12.16	-15.38/-19.1	-12.52/-5.51	-4.25/-4.44	-4.85/-3.45	1.82/4.76	3.96/1.81	-0.11/-3.83	-9.28/-7.99	-3.39/-0.58	-1.55/-6.51	-12.87/-12.49	-9.68/-9.67	-10/-10.44
Θ(157.5°)	-12.24/-9.61	-6.76/-2.84	0.19/1.54	2.07/2.74	2.67/1.7	1.04/0.92	1.32/1.06	0.76/0.1	-0.91/-2.66	-5.17/-8.49	-13.96/-18.87	-14.48/-9.91	-6.62/-5.23	-3.34/-1.2	0.76/3.1	4.06/3.02	-1.27/-5.33	-5.35/-10.39	-18.69/-10.89	-16.45/-11.76	-8.72/-10.34	-15.32/-17.47	-16.71/-16.16	-14.18/-12.35
Θ(165°)	-14.18/-9.71	-6.16/-3.69	-1.38/-0.14	0.61/1.5	2.27/2.44	2.4/2.47	2.75/2.7	2.32/1.67	0.72/-0.48	-2.96/-6.74	-12.23/-19.02	-17.59/-12.91	-6.77/-2.91	-1/-0.28	-0.36/-1.29	-4.07/-8.52	-8.91/-4.22	-3.29/-5.39	-9.68/-12	-11.97/-10.65	-8.92/-8.49	-11.33/-18.21	-17.87/-18.15	-18.03/-18.79
Θ(172.5°)	-10.57/-7.64	-6.58/-4.48	-2.49/-1.21	0.05/1.21	1.81/1.63	1.31/0.79	0/-0.85	-1.6/-2.62	-4.22/-5.66	-7.28/-9.28	-13.57/-18.24	-17.08/-10.37	-7.22/-5.93	-5.85/-7.54	-8.91/-8.64	-6.67/-4.54	-2.74/-1.99	-2.97/-5.6	-10.36/-18.52	-18.3/-17.68	-18.09/-19.23	-17.63/-18.63	-18.31/-18.96	-17.43/-15.45
Θ(180°)	-11.17/-9.12	-7.54/-6.63	-5.21/-3.93	-2.62/-2.5	-2.5/-3.14	-3.95/-4.59	-4.99/-5.88	-6.1/-6.73	-8.4/-10.66	-13.03/-16.03	-17.97/-16.89	-14.65/-13.31	-13.67/-13.92	-14.86/-11.79	-7.73/-5.63	-4.67/-4.28	-5.13/-6.94	-10.82/-15.1	-9.63/-6.75	-5.45/-6.55	-8.06/-9.33	-10.16/-10.8	-14.44/-18.09	-17.55/-14.69
Freq(Hz)	2.45G/Pol.	Phi/Ant. 2	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-0.78/-0.26	0.35/0.69	0.91/0.87	0.7/0.44	0.13/-0.56	-1.33/-2.38	-3.76/-5.46	-8/-12.06	-18.81/-17.84	-16.26/-11.02	-7.51/-5.3	-3.62/-2.22	-1.13/-0.28	0.33/0.9	1.21/1.21	1.21/0.79	0.35/-0.43	-1.46/-2.74	-4.38/-6.5	-10.14/-15.03	-18.15/-15.3	-10.9/-7.74	-5.73/-4.17	-2.76/-1.64
Θ(7.5°)	0.27/0.72	1.19/1.53	1.81/1.82	1.74/1.46	1/0.29	-0.56/-1.63	-3.19/-4.72	-7.14/-10.07	-13.24/-16.46	-15.29/-11.63	-8.26/-6.18	-4.47/-2.95	-2.01/-1.11	-0.79/-0.51	-0.33/-0.26	-0.43/-0.74	-1.15/-1.98	-3.13/-4.49	-6.14/-8.6	-11.86/-18.05	-18.26/-16.21	-10.66/-7.47	-4.87/-3.07	-1.56/-0.51
Θ(15°)	0.85/1.44	1.89/2.3	2.54/2.49	2.38/1.87	1.12/0.08	-1.03/-2.26	-3.68/-5.44	-7.51/-10.01	-12.59/-16.06	-17.24/-14.19	-10.27/-6.88	-4.93/-3.19	-2.1/-1.47	-1.12/-1.19	-1.36/-1.63	-2.2/-3.03	-3.6/-4.7	-6.38/-8.25	-10.03/-11.65	-13.51/-15.7	-18.04/-15.8	-11.06/-7.36	-4.55/-2.49	-0.9/0.18
Θ(22.5°)	1.11/1.71	2.28/2.71	2.9/2.82	2.46/1.76	0.91/0.01	-1.11/-2.51	-3.57/-4.85	-6.42/-8.4	-11.55/-15.99	-17.95/-13.2	-9.5/-6.28	-4.05/-2.43	-1.38/-0.85	-1.01/-1.17	-1.65/-2.17	-2.89/-3.75	-4.8/-6.31	-8.64/-11.6	-14.6/-15.88	-14.3/-14.44	-15.95/-16.56	-12.3/-7.82	-4.37/-2.25	-0.69/0.54
Θ(30°)	0.92/1.55	2.2/2.66	2.8/2.88	2.56/1.89	0.83/-0.51	-2.26/-3.55	-4.54/-5.16	-6.15/-8.31	-12.85/-18.22	-18.13/-12.45	-8.43/-5.41	-3.79/-2.56	-1.86/-1.58	-1.45/-1.52	-1.78/-2.2	-3.03/-3.91	-5.15/-6.7	-9.44/-13.2	-19.38/-18.8	-14.86/-13.49	-14.02/-19.25	-15.99/-8.82	-4.95/-2.49	-0.82/0.2
Θ(37.5°)	0.17/1.05	1.87/2.49	2.84/2.84	2.56/1.87	0.88/-0.7	-2.74/-4.71	-6.01/-5.98	-6.33/-8.22	-12.2/-18.73	-17.37/-11.02	-8.24/-6.27	-5.05/-4.33	-3.78/-4	-3.87/-3.43	-3.43/-3.65	-4.16/-5	-6.2/-7.83	-10.52/-14.9	-18.57/-18.69	-16.49/-14.53	-15/-18.35	-17.16/-9.89	-5.46/-2.8	-1.4/-0.49
Θ(45°)	-0.29/0.75	1.8/2.46	2.92/2.86	2.63/2.05	1.08/-0.24	-1.93/-4.22	-6.18/-7.91	-9.32/-10.91	-15.94/-18.76	-15.54/-10.87	-9.13/-7.98	-7.15/-6.81	-6.69/-6.34	-6.09/-5.84	-5.79/-5.58	-5.47/-5.52	-5.82/-6.64	-7.73/-10.12	-13.32/-18.33	-19.09/-18.66	-19.2/-18.74	-14.69/-8.87	-5/-2.93	-1.84/-1.15
Θ(52.5°)	-0.46/0.87	1.92/2.54	2.96/2.89	2.62/2.15	1.59/0.67	-0.4/-1.95	-3.84/-6.32	-9.94/-14.41	-18.63/-16.95	-11.59/-9.46	-8.94/-8.24	-8.29/-8.38	-8.94/-9.67	-10.43/-10.03	-10.36/-9.52	-8.94/-8.27	-7.24/-6.72	-6.55/-8.33	-12.32/-18.91	-19.41/-14.16	-16.26/-18.37	-13.5/-8.24	-4.75/-3.1	-2.1/-1.54
Θ(60°)	-0.49/0.76	1.68/2.29	2.61/2.57	2.15/1.84	1.23/0.6	-0.32/-1.61	-3.36/-5.77	-8.63/-11.9	-14.55/-14.14	-10.81/-8.45	-7.83/-8.05	-9.12/-11.57	-14.65/-18.75	-18.88/-18.24	-18.78/-17.73	-18.73/-12.04	-7.16/-4.69	-4.1/-5.23	-8.93/-16.57	-16.88/-12.4	-14.78/-18.43	-11.76/-6.46	-4.1/-2.95	-2.01/-1.58
Θ(67.5°)	0.34/0.97	1.56/1.86	1.86/1.7	1.26/0.92	0.64/0.12	-0.79/-2.32	-4.17/-6.07	-7.67/-9.19	-9.51/-8.01	-5.88/-4.9	-5.22/-6.68	-8.34/-10.07	-9.36/-7.79	-7.94/-8.92	-9.76/-12.31	-13.46/-8.52	-4.62/-2.54	-2.1/-3.8	-7.41/-16.41	-19/-14.72	-13.86/-11.4	-6.21/-3.13	-1.64/-1.17	-0.7/-0.31
Θ(75°)	2.13/2.53	2.69/2.52	2.16/1.67	1.07/0.57	0.13/-0.32	-1.11/-2.2	-3.55/-5	-5.96/-6.42	-6.02/-4.78	-3.61/-3.32	-4.66/-7.14	-9.54/-8.11	-5.17/-3.85	-3.89/-4.47	-5.21/-7.29	-11.9/-10.2	-5.38/-2.9	-2.34/-3.73	-8.12/-18.8	-14.01/-9.44	-8.27/-8.54	-5.91/-3	-1.32/-0.62	0.38/1.41
Θ(82.5°)	1.78/2.5	2.67/2.35	1.91/1.28	0.44/-0.18	-0.76/-1.27	-1.83/-2.49	-3.46/-5.22	-6.85/-7.26	-6.14/-4.86	-4.77/-5.79	-7.96/-9.79	-6.84/-3.81	-2.01/-1.01	-1.52/-2.65	-4.04/-6.36	-10.86/-14.07	-7.47/-3.83	-1.99/-2.42	-5.5/-13.27	-13.16/-8.84	-8.74/-11.85	-10.4/-6.42	-3.84/-2.6	-1.18/0.46
Θ(90°)	0.78/1.67	1.66/1.24	0.89/0.21	-0.5/-0.82	-0.87/-0.77	-0.83/-1.26	-2.56/-4.61	-7.01/-7.77	-7.01/-5.77	-6/-6.34	-7.05/-6.79	-5.22/-2.99	-1.29/-0.3	-0.88/-2.22	-3.56/-5.56	-8.58/-14.64	-12.96/-6.25	-2.69/-2.2	-4.94/-11.95	-16.99/-9.87	-10.03/-13.82	-10.44/-6.61	-4.35/-2.58	-1.61/-0.54
Θ(97.5°)	0.63/1.62	1.86/1.5	1.17/0.92	0.53/0.41	0.48/0.47	0.07/-0.82	-2.51/-4.85	-7.44/-8.21	-6.61/-

Θ(112.5°)	-9.03/-7.62	-4.89/-2.96	-2.03/-2.4	-3.17/-2.71	-1.99/-1.57	-2.45/-3.97	-5.26/-6.39	-7.74/-10.19	-11.5/-10.75	-6.23/-6.18	-7.73/-4.68	-3.53/-4.59	-3.88/-4.2	-4.25/-9.17	-18.53/-18.83	-9.62/-13.75	-14.89/-9	-10.67/-14.68	-18.19/-18.61	-17.97/-15.09	-14.13/-12.01	-12.24/-11.55	-8.35/-8.35	-8.78/-7.14
Θ(120°)	-12.26/-13.12	-7.77/-5.05	-3.24/-2.73	-3.31/-3.46	-2.91/-3.42	-4.47/-4.85	-5.28/-6.33	-8.22/-9.3	-11.67/-9.48	-7.31/-11.81	-13.76/-3.83	-3.5/-5.04	-6.27/-6.04	-9.26/-17.14	-16.66/-17.94	-10.46/-14.63	-14.5/-17.46	-14.8/-13.85	-14.45/-18.8	-15.22/-17.88	-12.15/-13.15	-14.37/-8.42	-9.75/-7.05	-7.98/-9.46
Θ(127.5°)	-9.4/-9.02	-8.3/-6.91	-3.99/-3.3	-2.6/-2.18	-2.23/-2.85	-4.75/-7.09	-9.2/-10.2	-8.32/-8.25	-10.98/-13.25	-11.06/-10.48	-8.28/-7.74	-10.75/-13.92	-8.33/-5.68	-5.81/-7.7	-7.18/-8.42	-15.89/-16.91	-17.88/-19.09	-18.52/-15.31	-12.29/-14.04	-18.78/-15.18	-14.43/-18.84	-13.88/-13.59	-10.09/-8.88	-10.65/-8.46
Θ(135°)	-6.51/-6.2	-6.92/-9.98	-14.67/-13.84	-10.71/-7.87	-6.47/-5.92	-6.47/-7.6	-9.81/-10.64	-12.33/-12.69	-10.08/-8.33	-7.33/-5.7	-3.75/-2.41	-3.92/-5.47	-7.69/-8.83	-6.29/-5.05	-7.85/-11.44	-13.49/-18.88	-8.01/-7.22	-9.92/-12.96	-16.87/-14.81	-17.01/-15.88	-15.5/-17.26	-16.35/-14.87	-14.21/-13.56	-11.63/-7.92
Θ(142.5°)	-6.32/-7.01	-7.45/-8.6	-10.84/-11.97	-12.23/-10.84	-10/-10.73	-13.82/-16.61	-18.55/-18.14	-18.45/-13.62	-11.73/-12.08	-13.68/-9.7	-6.77/-4.94	-4.78/-5.36	-6.04/-6.6	-5.6/-4.29	-3.79/-4.04	-6.72/-13.96	-13.56/-10.51	-11.74/-13.42	-16.31/-18.36	-17.74/-15.96	-16.29/-17.84	-19.35/-12.47	-11.54/-10.05	-7.87/-6.38
Θ(150°)	-11.12/-11.89	-10.5/-8.86	-6.59/-5.51	-5.48/-6.99	-9.49/-10.63	-11.23/-11.7	-13.56/-16.02	-15.8/-14.1	-10.89/-9.02	-7.5/-6.83	-6.08/-7.29	-9.02/-7.86	-7.06/-7.25	-8.27/-9.79	-9.17/-8.79	-10.22/-10.62	-10.51/-12.53	-14.72/-14.91	-17.02/-13.61	-11.95/-13.05	-16.65/-16.87	-14.9/-12.45	-10.92/-13.21	-12.45/-11.61
Θ(157.5°)	-5.15/-5.46	-6.21/-7.58	-8.53/-8.34	-7.74/-7.86	-8.79/-11.19	-16.17/-18.46	-17.45/-17.29	-19.2/-18.21	-12.44/-9.32	-9.02/-8.82	-9.51/-11.06	-13.85/-17.62	-18.2/-15.71	-11.21/-11	-11.73/-13.98	-17.02/-16.93	-15.53/-13.79	-12.4/-12.72	-12.16/-11.87	-11.22/-12.36	-17.06/-18.73	-17.29/-12.71	-9.95/-9.18	-7/-5.58
Θ(165°)	-7.03/-8.01	-9.76/-11.21	-13.01/-13.02	-12.68/-12.51	-12.49/-12.71	-12.32/-14.04	-16.43/-18.7	-18.04/-17.15	-13.03/-10.49	-10.34/-10.55	-11.02/-13.36	-17.43/-19.18	-18.95/-15.64	-11.17/-9.82	-10.64/-12.07	-13.01/-12.69	-13.51/-13.89	-13.69/-13.6	-12.34/-10.02	-9.67/-11.45	-14.87/-19.13	-18/-17.02	-12.52/-10.25	-8.26/-7.18
Θ(172.5°)	-6.59/-6.6	-6.45/-7.05	-7.7/-9.4	-8.88/-8.93	-8.1/-8	-9.61/-11.01	-14.14/-17.27	-18.44/-15.67	-13.12/-12.64	-12.85/-13.98	-15.75/-18.64	-17.71/-18.68	-18.57/-18.1	-15.43/-15.32	-14.79/-14.76	-14.8/-14.23	-13.8/-13.19	-13.43/-14.26	-13.72/-13.68	-15.36/-17.63	-18.8/-17.76	-17.93/-14.85	-11.63/-9.6	-8.15/-7.43
Θ(180°)	-9.71/-9.94	-10.63/-10.68	-11.06/-11.76	-12.59/-14.08	-16.33/-18.01	-18.69/-16.71	-16.9/-19.44	-18.26/-17.95	-17.64/-18.68	-18.57/-18.25	-17.83/-17.13	-19.14/-18.45	-18.1/-18.51	-18.53/-17.43	-15.86/-14.48	-14.68/-13.52	-13.27/-15.27	-18.5/-18.41	-18.11/-18.02	-17.78/-17.46	-19.1/-18.91	-17.04/-13.9	-12/-10.8	-10.41/-9.83
Freq(Hz)	5.2G/Pol.	Theta/Ant. 2	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-9.72/-14.15	-17.88/-19.18	-12.94/-9.31	-7.03/-4.87	-3.19/-2.01	-1.54/-1.17	-0.84/-0.41	-0.16/0.08	-0.05/-0.06	-0.49/-1.24	-2.11/-3.65	-5.65/-8.27	-11.73/-16.46	-17.93/-17.81	-12.23/-9.15	-7.36/-4.99	-3.1/-1.78	-1.56/-1.43	-0.86/-0.33	-0.3/-0.51	-0.87/-1.06	-1.62/-2.21	-3.02/-4.16	-5.29/-7.58
Θ(7.5°)	-11.41/-15.51	-18.28/-18.37	-16/-11.91	-9.67/-6.55	-4.27/-2.65	-2.45/-2.14	-1.48/-0.58	0.02/0.46	0.34/0.09	-0.49/-0.81	-1.49/-2.69	-4.08/-6.56	-9.53/-13.32	-18.12/-18.81	-12.08/-8.02	-6.57/-4.63	-2.65/-1.3	-0.61/-0.49	-0.61/-0.48	-0.49/-0.61	-1.01/-1.6	-2.34/-2.76	-3.83/-4.72	-6.46/-9.24
Θ(15°)	-12.4/-14.28	-16.41/-15.58	-11.33/-8.47	-7.48/-6.23	-4.05/-1.74	-0.79/-0.99	-0.92/-0.44	0.35/0.83	0.82/0.52	0.02/-0.27	-0.77/-1.34	-2.13/-3.95	-6.49/-10.64	-18.74/-17.99	-13.45/-8.07	-5.33/-3.86	-3.02/-1.66	-0.54/-0.38	-0.71/-0.85	-0.94/-1.09	-1.53/-2.19	-2.59/-3.11	-3.81/-4.94	-6.5/-9.07
Θ(22.5°)	-13.89/-16.8	-13.77/-9.84	-6.33/-4.16	-2.72/-1.79	-1.01/0.06	0.9/1.1	1.05/1.04	1.23/1.36	1.2/1.12	0.83/0.26	-0.44/-1.04	-1.83/-3.35	-6.67/-12.71	-18.29/-17.99	-11.99/-8.68	-7.11/-5.95	-5.15/-3.94	-3.19/-2.64	-2.82/-2.77	-2.28/-2.34	-2.44/-2.55	-2.28/-2.66	-3.49/-4.84	-6.74/-9.71
Θ(30°)	-12.87/-17.65	-13.25/-8.68	-5.91/-3.62	-1.87/-1.25	-0.88/-0.59	0.16/1.23	2.22/2.9	2.91/2.36	1.59/0.69	0.47/0.36	-0.41/-1.08	-2.43/-5.59	-11.02/-18.5	-18.49/-12.77	-11.17/-11.23	-10.76/-9.69	-8.27/-7.88	-7.86/-7.63	-6.58/-5.61	-5.44/-5.25	-4.27/-3.28	-3.32/-4.08	-4.58/-5.66	-6.85/-9
Θ(37.5°)	-11.67/-16.22	-15.02/-11.06	-8.25/-5.47	-3.51/-2.29	-1.69/-1.9	-2.09/-0.54	1.3/2.06	1.86/1.79	1.83/1.58	0.88/0.5	-0.74/-2.94	-5.43/-8.07	-9.14/-10.17	-14.27/-16.14	-19.17/-17.12	-17.7/-18.69	-18.77/-16.13	-13.69/-11.43	-13.96/-12.19	-6.56/-5.1	-4.86/-4.34	-3.83/-4.88	-6.59/-7.07	-8.11/-8.38
Θ(45°)	-12.15/-14.04	-12.73/-11.33	-9.15/-6.08	-3.8/-2.24	-1.37/-1.95	-2.32/-1.26	0.23/0.64	0.41/0.87	1.39/1.02	0.02/-2.03	-3.59/-6.16	-5.87/-5.01	-5.3/-7.49	-12.83/-16.83	-15.71/-12.13	-12.52/-14.72	-14.59/-10.64	-10.85/-12.28	-12.17/-12.97	-18.29/-7.3	-3.69/-4.34	-6.75/-6.84	-6.65/-6.67	-6.62/-9.15
Θ(52.5°)	-11.12/-11.19	-9.52/-7.29	-5.68/-3.98	-2.86/-1.63	-0.61/0.05	-0.3/-0.55	0.13/0.31	-0.83/-1.69	-0.39/0.03	-1.12/-3.52	-4/-5.14	-5.08/-4.5	-5.61/-9.56	-18.3/-17.54	-9.89/-10.69	-14.49/-19.07	-18.35/-17.68	-15/-12.45	-13.61/-15.17	-11.68/-8.99	-6.89/-5.82	-7.93/-8.35	-7.29/-8.1	-8.44/-10.17
Θ(60°)	-12.34/-13.62	-9.87/-7.75	-5.45/-3.98	-3.11/-2.71	-2.37/-1.7	-1.44/-1.15	-0.56/0.27	0.01/-1.42	-3.25/-3.81	-3.57/-2.72	-3.19/-5.58	-6.34/-5.2	-5.82/-9.87	-18.65/-11.62	-8.2/-9.79	-9.94/-17.31	-18.49/-14.91	-11.46/-10.78	-12.92/-15.08	-18.94/-10.77	-6.66/-8.21	-14.79/-11.26	-7.6/-6.74	-9.47/-12.27
Θ(67.5°)	-13.34/-11.06	-8.1/-7.04	-5.35/-5.25	-4.65/-4.4	-4.18/-4.14	-3.87/-2.37	-0.87/-0.61	-2.43/-2.93	-3.4/-3.71	-5.33/-5.01	-5.34/-6.68	-7.79/-9.41	-10.3/-15.33	-14.93/-11.45	-10.66/-8.96	-12.61/-14.91	-17.96/-12.9	-8.48/-7.01	-6.69/-8.91	-18.07/-14.88	-9.16/-9.69	-15.48/-10.72	-8.31/-10.28	-11.94/-15.14
Θ(75°)	-17.03/-11.03	-9.35/-7.45	-6.2/-5.19	-4.01/-3.98	-4.06/-4.48	-5.46/-4.9	-3.37/-3.26	-3.85/-2.99	-3.13/-6.36	-8.49/-5.01	-4.6/-6.41	-9.81/-12.75	-13.56/-16.03	-15.54/-12.24	-11.34/-9.89	-12.08/-15.04	-11.95/-8.4	-6.92/-6.35	-7.42/-9.68	-13.22/-11.73	-7.92/-12.3	-17.48/-13.36	-10.05/-8.49	-12.07/-14.43
Θ(82.5°)	-15.9/-12.07	-9.44/-6.97	-4.93/-4.01	-3.31/-3.52	-4.1/-5.87	-6.9/-6.1	-5.38/-6	-5.87/-3.67	-3.71/-9.27	-9.08/-6.02	-7.29/-7.83	-8.04/-11.56	-13.35/-14.09	-14.89/-18.33	-15.53/-8.35	-11.92/-18.3	-8.36/-8.21	-8.88/-6.26	-7.67/-7.28	-9.4/-10.52	-11.82/-13.37	-14.14/-14.65	-12.87/-10.75	-14.21/-14.57
Θ(90°)	-11.87/-8.14	-7.25/-7.6	-5.51/-5.07	-4.23/-4.5	-5.07/-6.32	-7.82/-7.73	-7.23/-7.54	-7.09/-7.44	-7.49/-7.65	-7.67/-8.96	-11.21/-7.62	-6.1/-8.84	-9.26/-8.63	-11.07/-18.19	-14.72/-10.2	-7.36/-18.12	-14.19/-6.84	-12.94/-15.48	-12.9/-10.5	-9.54/-9.92	-13.89/-11.6	-11.85/-11.84	-11.74/-11.6	-13.92/-12.96
Θ(97.5°)	-11.14/-8.73	-6.73/-6.1	-5.23/-5.02	-4.51/-4.63	-5.25/-6.63	-6.65/-7.43	-9.97/-11.62	-10.2/-9.62	-8.64/-7.89	-8.99/-13.16	-10.16/-6.52	-6.22/-6.69	-7.42/-8.14	-9.34/-17.66	-15.09/-8.34	-7.56/-10.57	-12.3/-12.73	-15.67/-16.27	-10.88/-16.35	-10.79/-10.42	-17.96/-13.52	-9.49/-12.01	-12.63/-12.41	-11.95/-11.17
Θ(105°)	-6.98/-8.36	-7.28/-7.34	-5.69/-4.84	-4.51/-5.5	-6.59/-8.75	-8.69/-8.79	-11.11/-14.84	-10.05/-9.42	-14.6/-12.23	-8.23/-11.27	-12.52/-9.33	-7.22/-6.39	-7.73/-10.97	-10.04/-16.8	-17.17/-14.04	-11.09/-7.57	-10.79/-18.45	-19.05/-17.1	-16.41/-18.18	-9.68/-8.51	-18.31/-12.16	-8.53/-11.18	-7.5/-10.17	-9.61/-9.99
Θ(112.5°)	-6.85/-5.56	-5/-5.49	-6.24/-6.46	-6.7/-8.47	-11.54/-11.56	-8.7/-8.85	-12.51/-14.48	-15.2/-19.47	-18.23/-14.73	-11.09/-16.8	-15.58/-12.44	-9.84/-10.04	-12.96/-18.8	-17.82/-19.85	-10.17/-7.91	-10.95/-19.16	-11.98/-18.31	-17.57/-19.11	-18.14/-16.34	-11.15/-17.96	-15.82/-10.32	-11.56/-14.13	-6.75/-10.06	-9.07/-11.08
Θ(120°)	-6.07/-5.76	-5.88/-6.58	-5.81/-6.64	-8.28/-10.8	-15.24/-12.86	-9.84/-10.69	-12.94/-15.04	-15.39/-18.1	-18.05/-17.72	-16.95/-17.56	-18.73/-18.47	-18.2/-15.88	-12.78/-18.12	-19.12/-18.6	-13.77/-9.13	-8.18/-18.91	-14.57/-9.47	-16.94/-15.25	-18.19/-13.21	-11.2/-17.15	-13.29/-14.18	-9.73/-7.01	-6.7/-8.93	-10.46/-9.72
Θ(127.5°)	-6/-7.21	-7.76/-9.95	-9/-10.45	-13.23/-18.26	-17.9/-14.66	-13.61/-14.62	-18/-18.68	-15.28/-12.38	-10.71/-12.51	-15.13/-17.27	-17.65/-16.06	-13.35/-11.52	-16.16/-15.59	-10.9/-11	-10.39/-7.57	-11.41/-16.51	-13.1/-10.4	-18.03/-17.02	-14.01/-7.84	-6.14/-16.21	-13.86/-9.12	-10.14/-7.08	-7.41/-6.23	-7.21/-7.65
Θ(135°)	-7.54/-7.37	-7.97/-9.62	-9.72/-11.63	-14.14/-17.51	-17.49/-19.29	-19/-17.85	-18.05/-18.53	-14.45/-9.93	-7.9/-7.48	-8.24/-11.93	-15.71/-18.12	-16.7/-14.07	-15.23/-17.95	-10.51/-7.47	-8.11/-10.89	-9.5/-17.38	-11.19/-8.88	-17.25/-18.29	-17.9/-18.44	-14.05/-17.8	-11.92/-16.93	-14.62/-12.35	-9.86/-9.74	-10.41/-10.24
Θ(142.5°)	-11.48/-9.79	-10.19/-11.34	-10.93/-11.05	-12.56/-13.49	-14.24/-13.93	-12.95/-12.88	-14.22/-11.15	-7.07/-5.65	-5.95/-9.12	-15.75/-12.99	-8.27/-10.07	-14.3/-14.11	-10.05/-11.11	-15.28/-14.35	-15.95/-13.67	-13.06/-14.81	-10.83/-18.16	-12.47/-9.79	-15.38/-10.44	-5.77/-7.17	-9.44/-11.34	-19.08/-12.92	-12.95/-12.21	-13.42/-15.41
Θ(150°)	-18.72/-19.05	-18.34/-17.81	-17.41/-17.9	-19.1/-17.46	-16.44/-17.76	-17.49/-17.21	-14.6/-13.78	-10.88/-6.97	-5.69/-5.45	-4.56/-4.14	-4.56/-5.28	-8.09/-13.78	-15.65/-16.71	-17.36/-18.4	-19.09/-17.39	-18.14/-11.95	-9.37/-12.52	-14.23/-12.2	-19.08/-12.13	-7.2/-7.01	-4.66/-3.38	-5.4/-7.77	-10.06/-10.21	-12.41/-17.03
Θ(157.5°)	-11.74/-12.08	-13.09/-14.75	-18.96/-18.49	-17.91/-17.67	-14.04/-11.27	-10.87/-11.59	-13.12/-10.04	-6/-3.73	-3.41/-4.19	-5.51/-8.26	-12.19/-13.16	-14.52/-18.27	-18.51/-15.88	-18.18/-17.63	-18.69/-17.77	-17.97/-19.31	-16.75/-12.93	-11.06/-16.32	-13.8/-5.91	-3.84/-4.85	-6.57/-5.94	-5.74/-7.01	-9.01/-9.32	-10.13/-11.83
Θ(165°)	-14.76/-18.52	-17.86/-18.12	-18.84/-18.87	-19.93/-16.99	-15.6/-14.88	-13.02/-8.87	-6.3/-4.56	-3.98/-4.67	-6.05/-8.78	-13.73/-19.49	-14.6/-10.66	-10.18/-11.11	-12.3/-13.08	-14.93/-18.11	-18.78/-17.87	-18.15/-16.74	-12.76/-12.78	-16.92/-18.53	-14.94/-8.57	-6.33/-6.12	-7.05/-6.06	-4.36/-4.13	-5.39/-6.61	-8.17/-10.77
Θ(172.5°)	-11.45/-13.79	-16.06/-17.65	-18.51/-18.51	-17.79/-16.96	-15.03/-11.31	-8.11/-5.86	-5.01/-5.72	-7.79/-11.53	-18.49/-19.01	-16.54/-13.24	-12.22/-12.64	-11.87/-13.04	-14.59/-16.34	-18.05/-18.68	-18.81/-17.07	-18.6/-17.75	-18.99/-18.8	-17.3/-16.81	-15.7/-11.34	-9.46/-10.55	-13.28/-9.8	-6.82/-6.14	-7.07/-8.12	-9.05/-9.44
Θ(180°)	-18.41/-17.55	-18.18/-18.65	-19.05/-17.06	-16.57/-15.15	-13.95/-13.91	-14.4/-15.5	-19.19/-18.47	-18.02/-18.82	-15.55/-13.74	-13/-13.99	-15.3/-18.86	-19.31/-18.27	-18.04/-18.52	-18.67/-17.91	-19.07/-18.43	-17.5/-17.61	-14.26/-11.72	-11.27/-12.88	-12.67/-11.33	-10.61/-13.98	-18.87/-17.26	-15/-13.52	-15.09/-16.9	-19.15/-18.08
Freq(Hz)	5.3G/Pol.	Phi/Ant. 2	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ (112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	0.37/0.96	1.35/1.29	0.82/0.3	-0.56/-1.3	-1.94/-3.2	-4.42/-6.8	-10.32/-14.01	-18.82/-18.38	-12.97/-8.61	-6.17/-4.29	-3.24/-2.12	-1.37/-0.83	-0.4/-0.19	-0.04/0.36	0.29/0.22	-0.93/-1.33	-2.08/-3.16	-4.75/-7	-10.76/-15.12	-18.36/-17.95	-12.27/-8.25	-5.6/-3.69	-2.32/-1.39	-0.71/-0.21
Θ(7.5°)	-0.86/-0.43	-0.05/0.23	-0.1/-0.38	-1.04/-1.55	-2.13/-3.05	-4.38/-6.47	-9.36/-13.16	-18.74/-19.21	-13.88/-9.58	-6.06/-3.95	-2.35/-1.16	-0.16/0.27	0.52/0.59	0.88/1.04	0.77/-0.04	-1.07/-2.22	-3.27/-4.42	-6.31/-8.74	-13.51/-17.59	-18.62/-17.63	-12.67/-8.87	-6.37/-4.66	-3.14/-2.05	-1.46/-1.44
Θ(15°)	-0.35/-0.14	0.01/-0.02	-0.07/-0.48	-1.3/-2	-2.73/-3.28	-4.22/-6.52	-10.14/-15.01	-18.4/-17.13	-11.54/-7.99	-5.48/-3.48	-2.3/-1.04	-0.2/0.48	0.91/1.07	0.96/0.5	0.12/-0.32	-1.21/-2.48	-3.91/-5.57	-7.3/-11.27	-17.21/-18.21	-18.74/-16.43	-12.71/-9.34	-6.84/-5.23	-3.6/-2.29	-1.87/-0.89
Θ(22.5°)	1.05/1.01	0.86/0.93	0.88/0.45	0.01/-0.6	-1.62/-2.67	-3.55/-4.78	-7.87/-12.7	-18.24/-18.43	-11.2/-8	-5.61/-3.61	-1.93/-0.76	-0.13/0.31	0.62/0.44	0.33/-0.57	-2.07/-3.46	-3.99/-5.16	-6.73/-7.61	-7.49/-8.25	-13.81/-17.84	-17.73/-16.52	-11.85/-8.91	-7.41/-5.36	-3.06/-1.45	-0.59/0.34
Θ(30°)	1.04/1.13	0.84/0.69	0.58/0.21	0.04/-0.41	-1.14/-1.55	-2.6/-3.75	-5.71/-8.6	-14.84/-15.21	-9.97/-7.21	-5.46/-4.21	-2.72/-1.12	0.04/0.76	0.72/0.58	0.48/-0.2	-0.76/-1.25	-1.7/-2.68	-4.39/-7.01	-9.09/-9.48	-11.43/-14.17	-16.9/-14.52	-11.54/-9.84	-8.92/-6.29	-3.82/-1.73	-0.12/0.81
Θ(37.5°)	0.87/0.37	0.39/0.61	0.58/0.73	0.6/-0.2	-1.32/-2.43	-2.97/-3.83	-5.74/-10.79	-18.84/-18.22	-14.18/-9.66	-5.97/-4.19	-2.77/-1.67	-1.32/-1.4	-1.49/-1.37	-0.85/-0.76	-0.62/-1.12	-2.25/-3.44	-5.6/-8.26	-9.08/-9.33	-10.57/-9.98	-12.27/-12.66	-10.15/-8.7	-9.25/-7.7	-4.06/-2.05	-0.15/0.53
Θ(45°)	0.42/-0.23	0.36/1.18	1.54/1.4	1.06/0.37	-0.81/-2.48	-4.47/-5.81	-7.86/-10.73	-17.13/-18.07	-13.85/-10.23	-6.33/-4.89	-4.79/-4.77	-4.31/-3.52	-2.07/-1.84	-2.11/-2.33	-2.33/-3.1	-3.75/-3.76	-3.42/-5.16	-9.59/-8.86	-8.42/-10.68	-13.27/-14.21	-14.14/-14.95	-12.81/-8.72	-3.96/-2	0.25/0.64
Θ(52.5°)	0.85/1.08	1.19/1.67	1.46/0.81	0.17/-0.54	-0.97/-1.82	-2.65/-4.71	-7.04/-10.37	-16.12/-18.4	-14.43/-10.61	-8.72/-8.56	-10.29/-8.55	-6.01/-4.35	-3.77/-4.35	-5.38/-6.5	-7.03/-8.11	-6.41/-4.7	-4.32/-6.29	-10.09/-12.13	-9.3/-10.66	-14.2/-13.78	-10.73/-11.41	-11.56/-8.15	-5.29/-2.05	0.26/1.08
Θ(60°)	-0.42/0.83	1.53/1.85	1.26/0.66	0.25/-0.13	-0.79/-1.12	-2.04/-3.84	-7.54/-11.24	-13.23/-17.98	-15.29/-15.29	-14.29/-11.42	-11.95/-6.65	-3.78/-2.49	-2.47/-2.95	-2.98/-2.24	-2.41/-3.57	-7.75/-10.1	-7.88/-7.82	-16.89/-15.31	-11.15/-12.74	-19.03/-19.04	-18.1/-17.97	-12.55/-5.64	-2.98/-1.3	-0.12/-0.21
Θ(67.5°)	0.41/1.44	1.22/0.8	0.33/-0.01	-0.12/-0.69	-1.61/-2.73	-3.64/-4.19	-6.78/-10.29	-11.3/-13.59	-17.58/-18.07	-13.99/-12.08	-11.84/-4.48	-2.34/-3.45	-4.28/-5.58	-4.27/-3.62	-4.14/-6.67	-8.02/-9.47	-11.2/-9.25	-11.84/-17.49	-11.3/-17.23	-18.32/-18.43	-15.97/-16.81	-12.26/-6.39	-3.73/-1.45	-1.15/-0.98
Θ(75°)	-0.04/0.31	-0.15/0	0.53/0.79	0.85/0.42	-0.45/-1.47	-2.81/-4.03	-6.21/-9.37	-10.97/-11.45	-15.67/-17.15	-10.14/-8.3	-9.73/-4.74	-3.74/-6.46	-5.93/-6.05	-5.94/-5.96	-6.91/-12.03	-10.81/-11.21	-13.72/-8.04	-9.93/-19.17	-17.24/-16.02	-18.55/-18.27	-17.74/-12.99	-7.1/-4.94	-2.97/-2.4	-1.86/-1.22
Θ(82.5°)	-0.28/-0.52	-1.21/-0.57	0.34/0.66	0.26/-0.36	-0.79/-1.84	-3.8/-4.23	-4.76/-7.69	-11.15/-9.63	-12.74/-15.95	-9.19/-6.57	-8.09/-4.84	-3.78/-5.62	-4.04/-4.09	-9.29/-13.72	-8.58/-10.86	-18.06/-5.89	-8.01/-14.97	-8.41/-18.67	-16.71/-18.7	-18.25/-16.8	-19.25/-14.76	-8.9/-6.14	-4.62/-4.2	-4/-1.96
Θ(90°)	-2.32/-3.23	-2.03/-0.38	0.69/0.83	0.54/-0.03	-0.53/-1.2	-2.63/-4.96	-5.68/-7.05	-8.8/-8.43	-10.5/-12.56	-8.84/-6.87	-7.65/-4.6	-3.79/-6.36	-2.05/0.36	-2.03/-13	-12.3/-8.23	-6.8/-4.62	-6.7/-14.84	-12.3/-13.56	-18.2/-17.55	-15.12/-19.44	-16.06/-10.1	-7.53/-6.27	-5.07/-5.05	-4.16/-1.94
Θ(97.5°)	-3.97/-4.66	-2.86/-1.21	-0.36/-0.45	-0.5/-0.63	-1.25/-1.84	-2.22/-3.27	-5.36/-8.67	-8.71/-7.12	-8.11/-12.67	-9.9/-8.4	-6.42/-2.44	-1.47/-3.24	-2.15/-0.94	-1.69/-6.72	-8.26/-6.51	-8.71/-6.42	-4.72/-10.49	-17.22/-18.18	-18.27/-17.71	-17.91/-18.71	-15.79/-11.49	-10.24/-6.74	-5.13/-6.28	-5.6/-3.95
Θ(105°)	-5.55/-5.42	-3.56/-2.28	-1.22/-0.7	-0.49/-1.37	-1.7/-1.48	-2.18/-3.77	-5.21/-6.85	-7.46/-7.02	-8.69/-9.97	-8.7/-8.05	-9.77/-5.39	-2.74/-1.78	-0.09/0.13	0.21/-4.25	-8.77/-14.67	-8.98/-12.49	-12.38/-12.65	-10.92/-18.5	-18.57/-18.83	-18.87/-13.6	-9.84/-11.94	-11.88/-8.13	-7.88/-7.47	-6.61/-5.62
Θ(112.5°)	-7.21/-5.87	-4.15/-2.45	-1.62/-1.53	-1.72/-1.89	-2.46/-2.67	-3.1/-4.24	-6.65/-9.89	-9.85/-7.36	-6.84/-10.38	-10.72/-8.4	-7.88/-4.49	-3.13/-5.21	-4.7/-5.55	-5.53/-9.35	-17.94/-16.4	-8.94/-13	-18.34/-13.07	-12.16/-17.97	-18.28/-17.08	-18.28/-16.61	-15.53/-13.67	-12.34/-9.58	-7.49/-8.05	-6.79/-6.05
Θ(120°)	-8.03/-6.89	-5.85/-4.38	-2.77/-1.76	-2.55/-3.15	-2.88/-2.99	-3.83/-5.93	-7.47/-8.55	-8.15/-8.3	-9.31/-7.83	-5.94/-8.09	-18.65/-6.82	-4.39/-7.19	-10.06/-7.21	-11.87/-19.08	-15.51/-17.56	-10.06/-9.7	-12.65/-16.73	-13.99/-17.26	-17.51/-17.87	-18.19/-18.67	-16.37/-19.67	-12.72/-8.71	-7.71/-7.95	-8.65/-9.02
Θ(127.5°)	-4.85/-3.83	-3.96/-5.13	-4.39/-4.17	-3.56/-3.22	-3.15/-3.87	-5.1/-7.16	-10.76/-12.84	-10.5/-8.5	-7.46/-7.43	-9.28/-9.96	-8.03/-6.76	-8.29/-13.69	-14.92/-7.16	-6.93/-7.72	-6.03/-9.37	-18.7/-13.28	-17.97/-16.75	-17.91/-19.28	-11.37/-14.85	-17.58/-17.81	-17.78/-18.66	-15.22/-8.82	-9.29/-10.19	-8.25/-6.78
Θ(135°)	-4.97/-4.68	-6.02/-8.7	-11/-10.57	-9.18/-6.73	-7.02/-8.01	-8.24/-8.65	-10.41/-13.71	-15.56/-15.44	-10.03/-6.38	-4.61/-4.91	-6.25/-4.45	-3.11/-1.96	-3.49/-5.02	-7.75/-6.04	-7.82/-9.43	-11.43/-18.98	-8.68/-9.32	-17.01/-17.3	-16.75/-18.43	-17.98/-19.12	-15.77/-17.88	-16.69/-16.55	-14.03/-13.96	-9.12/-5.77
Θ(142.5°)	-7.33/-6.86	-6.67/-7.02	-7.44/

Θ(157.5°)	-7.07/-7.11	-5.83/-5.39	-4.56/-4.32	-4.28/-4.47	-5.41/-8.53	-17.11/-17.39	-13.73/-16.83	-19.19/-12.22	-8.04/-6.08	-4.52/-4.53	-5.59/-6.4	-7.74/-9.82	-13.52/-17.74	-17.04/-15.99	-18.44/-17.22	-13.85/-13.91	-12.68/-15.24	-17.45/-17.21	-18.25/-19.05	-18.49/-18.66	-13.38/-8.91	-6.33/-5.9	-5.32/-5.29	-6.08/-6.86
Θ(165°)	-4.62/-4.35	-4.56/-4.62	-4.18/-3.53	-3.37/-4.08	-5.59/-6.93	-6.83/-7.82	-8.62/-12.51	-18.31/-14.21	-9.14/-8.09	-7.26/-8.45	-10.55/-13.18	-14.65/-15.82	-17.44/-15.98	-16.48/-18.26	-18.33/-18.38	-17.54/-18.5	-19.08/-18.02	-19.31/-18.47	-16.59/-18.41	-18.19/-18.48	-18.2/-10.82	-7.81/-6.01	-4.82/-4.19	-4.62/-4.55
Θ(172.5°)	-7.43/-7.25	-7.33/-7.73	-7.23/-6.8	-6.62/-5.65	-5.97/-7.02	-7.66/-9.06	-11.05/-14.18	-14.4/-13.11	-11.19/-10.44	-10.49/-9.96	-10.6/-11.75	-12.75/-13.66	-15.07/-15.97	-16.19/-14.51	-12.08/-11.55	-12.83/-12.59	-11.83/-11.35	-13.44/-18.15	-18.36/-18.49	-18.89/-19.19	-18.66/-13.51	-10.02/-9.58	-8.87/-7.86	-7.33/-7.2
Θ(180°)	-6.67/-6.58	-7.06/-6.87	-7.51/-7.98	-8.28/-9.17	-9.87/-12.44	-14.57/-18.02	-18.84/-17.8	-16.39/-14.98	-14.12/-11.42	-11.12/-10.4	-9.65/-12.12	-15.12/-14.67	-12.81/-10.52	-9.15/-8.73	-7.91/-6.78	-6.92/-7.69	-8.48/-9.41	-11.3/-13.26	-17.14/-18.44	-18.9/-18.79	-17/-12.95	-10.72/-9.19	-7.27/-7.21	-6.68/-6.77
Freq(Hz)	5.6G/Pol.	Theta/Ant. 2	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-7.86/-11.35	-16.55/-17.55	-16.51/-12.56	-9.04/-5.44	-3.76/-3.05	-2.92/-2.24	-1.57/-0.3	0.6/0.95	0.81/0.63	0.24/-0.45	-1.61/-2.7	-4.51/-6.36	-9.46/-14.52	-18.09/-15.89	-11.51/-7.85	-5.25/-3.42	-2.3/-1.58	-0.53/0.2	0.51/0.97	0.93/0.53	0.54/0.13	-0.18/-1	-1.71/-2.74	-3.85/-5.82
Θ(7.5°)	-9.82/-13.95	-18.29/-13.85	-8.74/-6.52	-4.29/-2.1	-0.26/0.3	0.27/0.51	1.24/1.84	2.41/2.41	2.16/1.88	1.3/0.87	0.04/-1.22	-2.68/-4.71	-6.89/-10.83	-18.35/-18.42	-15.42/-10.64	-7.19/-4.73	-2.99/-2.89	-2.51/-1.33	-0.47/-0.28	-0.07/-0.54	-0.78/-1.14	-1.38/-2.18	-2.5/-3.63	-5.47/-7.37
Θ(15°)	-9.34/-14.93	-19.37/-13.17	-7.11/-5.42	-3.56/-1.71	-0.38/0.48	0.4/0.18	1.25/2.62	3.61/3.59	2.83/2.35	1.41/0.56	-0.62/-1.36	-2.52/-3.97	-5.38/-7.85	-11.14/-18.26	-17.69/-8.82	-5.56/-3.89	-2.9/-1.72	-0.96/-1.1	-0.91/-0.48	-0.37/-0.38	-0.84/-1.11	-1.56/-1.99	-2.59/-3.63	-4.78/-6.88
Θ(22.5°)	-6.82/-9.35	-14.1/-19.02	-14.77/-9.47	-5.43/-2.66	-1.35/-0.3	0.25/0.48	0.35/1.25	2.79/3.66	3.97/3.18	2.1/0.88	-0.82/-2.08	-2.26/-3.19	-4.85/-7.46	-10.98/-14.64	-14.63/-9.93	-6.14/-4.8	-3.37/-2.59	-1.84/-2.34	-2.1/-1.66	-1.71/-1.52	-0.8/-0.88	-0.91/-1.63	-2.54/-3.73	-4.85/-6.11
Θ(30°)	-9.26/-10.68	-17.7/-18.8	-11.22/-6.6	-3.35/-1.09	-0.06/0.88	1.48/1.82	1.44/1.78	2.57/2.88	3.07/2.47	1.18/-0.21	-1.56/-2.27	-1.87/-3.98	-6.72/-11.08	-17.49/-12.6	-8.89/-7.94	-8.69/-8.45	-7.15/-5.54	-4.43/-3.35	-2.79/-2.63	-1.87/-1.23	-0.86/-0.84	-1.4/-2.1	-2.72/-3.07	-4.85/-7.16
Θ(37.5°)	-13.2/-17.44	-18.31/-11.43	-7.17/-4.26	-2.87/-1.18	0.02/1.23	1.9/2.52	3.01/2.83	1.66/0.95	1.08/2.03	2.25/1.33	0.12/-1.09	-1.33/-3.46	-6.9/-11.36	-17.91/-13.11	-10.53/-12.51	-13.46/-13.52	-10.8/-8.54	-8.39/-7.67	-6.33/-5.59	-2.91/-2.28	-2.96/-3.41	-3.66/-2.59	-3.12/-3.8	-5.95/-9.55
Θ(45°)	-11.06/-16.92	-17.63/-10.3	-6.16/-3.95	-3.56/-3.26	-2.36/-0.78	0.69/1.4	1.21/1.55	1.83/1.89	0.77/-0.12	0.06/-1.18	-2.72/-3.27	-2.96/-6.24	-7.59/-11.07	-13.08/-16.82	-17.95/-14.32	-13.09/-13.73	-18.36/-17.82	-12.19/-9.83	-11.8/-4.86	-5.11/-5.33	-4.33/-6.28	-4.73/-2.47	-3.34/-4.49	-8.82/-10.85
Θ(52.5°)	-9.28/-14.76	-13.59/-6.36	-3.8/-2.93	-2.39/-2.13	-1.48/0.01	0.87/0.8	0.16/0.99	1.58/0.37	-2.21/-2.05	-1.17/-1.56	-3.1/-4.58	-5.67/-7.85	-9.01/-9.92	-10.58/-18.14	-17.33/-13.01	-13.13/-15.69	-11.8/-9.38	-10.13/-11.57	-10.74/-11.89	-6.44/-6.09	-8.63/-6.22	-3.97/-2.46	-3.27/-6.75	-11.66/-11.91
Θ(60°)	-14.7/-18.8	-12.54/-8.66	-6.25/-4.05	-2.25/-0.8	-0.83/-0.51	0.79/1.14	-0.06/-0.86	-0.43/-1.2	-2.88/-2.63	-2.91/-3.97	-5.67/-6.01	-7.53/-8.3	-7.39/-8.66	-11.2/-19	-7.78/-7.02	-10.38/-11.84	-19.66/-17.82	-18.05/-15.91	-10.35/-10.53	-7.65/-10.25	-11.1/-5.95	-4.64/-2.6	-3.1/-7.16	-15.2/-14.05
Θ(67.5°)	-16.49/-18.93	-12.87/-8.73	-5.26/-3.29	-1.83/-1.21	-0.76/0.09	0.11/-0.17	-1.31/-1.59	-2.51/-3.61	-3.9/-3.57	-3.83/-4.75	-4.62/-6.75	-8.35/-7.16	-10.32/-11.74	-17.03/-17.47	-8.32/-9.24	-10.83/-18.41	-12.99/-10.16	-12.64/-15.39	-17.37/-10.87	-9.6/-7.96	-16.29/-8.49	-4.93/-3.75	-5.31/-11.35	-19.3/-16.33
Θ(75°)	-18.08/-16.53	-11.55/-8.07	-5.13/-4.14	-2.93/-2.14	-1.92/-1.85	-0.72/-0.35	-1.55/-1.79	-5.45/-10.85	-3.26/-2.22	-5.64/-5.95	-3.32/-4.2	-6.84/-8.59	-11.31/-17.22	-18.32/-18.72	-13.04/-7.3	-11.42/-17.83	-9.15/-15.92	-9.64/-9.31	-16.54/-10.73	-10.22/-13.67	-15.29/-8.54	-7.07/-6.51	-8.7/-18.17	-17.83/-18.55
Θ(82.5°)	-18.47/-17.18	-12.46/-8.95	-5.3/-3.94	-3.06/-3.47	-3.07/-2.59	-3.17/-3.11	-3.77/-3.82	-4.34/-11.67	-6.1/-2.21	-3.99/-4.49	-2.69/-5.03	-7.56/-7.24	-11.65/-12.49	-16.06/-17.65	-13.78/-12.22	-14.16/-12.96	-10.16/-11.89	-6.69/-8.66	-17.65/-17.72	-9.22/-10.13	-19.04/-13.44	-12.5/-8.95	-10.75/-15.24	-19.36/-18.37
Θ(90°)	-18.89/-13.5	-10.25/-8.06	-6.78/-7.32	-7.35/-5.19	-4.02/-3.75	-5.5/-6.26	-7.79/-7.73	-8.84/-7.59	-8.05/-6.65	-6.35/-2.36	-1.61/-4.23	-5.99/-5.94	-9.82/-6.84	-9.03/-18.49	-11.8/-6.85	-7.06/-17.58	-7.7/-10.89	-11.72/-13.04	-17.18/-10.91	-11.36/-12.75	-18.83/-19.17	-13.07/-12.49	-14.77/-14.37	-18.99/-16.61
Θ(97.5°)	-18.16/-16.06	-9.93/-7.47	-7.08/-8.31	-11.12/-9.07	-6.25/-7.11	-8.86/-11.29	-8.39/-8.51	-9.29/-8.84	-9.61/-8.13	-5.43/-4.47	-3.34/-4.25	-6.37/-6.74	-7.46/-5.47	-7.26/-14.07	-9.64/-9.49	-7.84/-18.28	-14.61/-10.02	-18.37/-17.58	-14.73/-9.46	-14.49/-18.39	-18.15/-13.81	-17.23/-12.47	-18.8/-17.52	-18.53/-13.57
Θ(105°)	-15.14/-12.83	-8.27/-8.5	-11.73/-13.13	-12.46/-9.46	-5.64/-5.8	-8.8/-13.68	-15.32/-11.04	-11.14/-10.07	-9.18/-12.99	-10.05/-5.18	-4.49/-5.06	-8.2/-7.38	-6.9/-6.99	-6.07/-13.42	-16.88/-15.52	-11.88/-13.57	-17.81/-17.54	-14.24/-13.71	-13.82/-15.57	-15.25/-16.81	-19.09/-16.2	-12.29/-16.68	-17.52/-12.95	-11.59/-11.33
Θ(112.5°)	-16.64/-11.63	-9.24/-11.64	-17.24/-18.53	-16.95/-9.46	-6.21/-7.39	-11.35/-16.65	-19.29/-19.16	-14.11/-8.78	-8.2/-12.43	-15.83/-10.36	-7.45/-6.37	-11.83/-11.44	-10.29/-13.27	-11.17/-17.95	-9.28/-5.32	-4.82/-5.6	-8.55/-17.84	-17.43/-18.44	-11.2/-11.43	-18.85/-12.66	-17.57/-15.61	-15.88/-14.88	-19.1/-19.34	-15.53/-11
Θ(120°)	-12.59/-14.09	-11.06/-12.08	-19.15/-18.92	-17.18/-11	-8.9/-10.44	-13.38/-15.84	-18.4/-18.23	-16.44/-15.1	-11.39/-14.17	-17.89/-12.76	-17.05/-17.41	-14.41/-18.76	-18.35/-14.17	-9.57/-18.11	-13.58/-6.05	-4.72/-13.27	-18.5/-6.67	-9.01/-15.46	-16.17/-11	-11.8/-17.62	-17.14/-12.61	-6.3/-12.06	-15.11/-12.22	-7.95/-7.92
Θ(127.5°)	-10.51/-12.11	-11.28/-14.59	-17.49/-16.49	-13.49/-10.77	-11.86/-13.17	-12.68/-10.34	-10/-11.81	-18.74/-18.51	-13.15/-11.17	-14.49/-17.18	-17.88/-18.46	-18.09/-15.28	-12.02/-18.72	-17.87/-8.77	-5.31/-3.91	-6/-14.81	-9.81/-5.86	-9.93/-18.44	-11.26/-6.32	-14.84/-12.54	-9.92/-9.39	-10.39/-10.03	-9.38/-9.63	-7.91/-8.4
Θ(135°)	-7.63/-8.7	-12.42/-17.84	-18.92/-18.63	-16.62/-16.16	-13.27/-12.59	-12.23/-13.11	-12.57/-10.87	-7.99/-8.98	-18.99/-12.18	-10.19/-11.75	-11.81/-11.19	-16.47/-12.43	-9.22/-14.7	-18.07/-9.93	-4.7/-8.11	-8.54/-14.84	-9.86/-9.92	-15.32/-18.93	-19.06/-19.05	-19.41/-13.18	-18.38/-14.88	-15.92/-11.49	-9.38/-12.67	-8.18/-7.91
Θ(142.5°)	-8.03/-9.03	-11.78/-14.16	-13.49/-13.56	-13.83/-14.24	-17.42/-15.1	-12.24/-11.89	-13.39/-10.97	-8.76/-7.99	-7.32/-6.97	-10.49/-14.6	-12.07/-9.96	-11.27/-13.03	-12.89/-16.31	-10.96/-7.99	-7.92/-10.04	-10.92/-7.01	-6.38/-14.71	-16.9/-15.94	-17.77/-9.6	-7.88/-14.44	-14.54/-18.47	-10.95/-10.24	-10.45/-11.73	-12.37/-8
Θ(150°)	-16.37/-15.44	-18.03/-18.62	-18.63/-18.89	-15.65/-12.59	-9.55/-8.21	-7.05/-6.42	-4.96/-3.61	-4.12/-6.52	-9.63/-7	-5.84/-6.85	-8.37/-10.73	-12.11/-13.19	-16.45/-15.46	-19.35/-17.98	-18.17/-16.57	-12.7/-6.54	-5.88/-10.13	-11.66/-11.92	-16.08/-11	-10.75/-6.33	-2.93/-4.21	-7.05/-8.49	-9.8/-11.95	-13.68/-17.32
Θ(157.5°)	-9.61/-12.57	-13.25/-14.08	-16.19/-14.2	-10.52/-7.94	-6.58/-5.5	-5.08/-4.81	-5.78/-6.5	-5.98/-2.87	-1/-0.72	-2.35/-4.66	-6.74/-10.34	-13.37/-13.17	-16.01/-18.63	-18.53/-14	-11.56/-12.9	-11.93/-10.55	-11.92/-11.51	-10.44/-10.36	-9.71/-8.65	-11.25/-8.71	-4.72/-2.94	-3.64/-3.94	-4.4/-5.75	-6.39/-7.65
Θ(165°)	-10.43/-13.36	-14.91/-19.01	-18.91/-15.72	-12.31/-9.62	-8.01/-5.83	-5.53/-4.94	-3.57/-1.78	0.18/0.48	-0.27/-2.24	-5.35/-9.22	-16.96/-17.97	-18.17/-17.57	-19.06/-17.96	-19.38/-18.66	-17.56/-15.53	-13.83/-12.67	-13.67/-13.1	-15.59/-18.65	-12.65/-8.53	-7.85/-7.22	-5.29/-3.55	-3.66/-4.73	-5.29/-7.25	-8.99/-10.38
Θ(172.5°)	-10.97/-14.15	-17.24/-18.68	-18.65/-18.59	-18.98/-14.85	-11.08/-8.54	-5.72/-3.85	-2.87/-2.68	-3.75/-6.14	-10.04/-16.31	-18.68/-19.45	-14.7/-12.57	-12.42/-12.61	-15.69/-18.78	-18.02/-18.67	-17.98/-17.29	-16.77/-13.9	-12.62/-10.36	-9.07/-8.15	-6.93/-6.04	-5.91/-6.31	-5.82/-5.12	-4.24/-4.55	-5.15/-5.74	-7.15/-9.64
Θ(180°)	-18.17/-18.69	-18.81/-17.69	-14.23/-11.65	-11.97/-11.42	-11.32/-8.84	-8.03/-9.43	-12.42/-18.12	-18.39/-11.22	-8.41/-7.74	-8.14/-8.87	-10.2/-13.22	-16.83/-17.45	-17.72/-18.3	-17.94/-19.12	-18.22/-13.95	-11.66/-8.69	-7.19/-6.6	-5.85/-5.58	-5.56/-6.34	-6.91/-7.62	-7.7/-7.58	-6.9/-7.41	-8.8/-9.66	-12.87/-16.5
Freq(Hz)	5.785G/Pol.	Phi/Ant. 2	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	0.32/0.69	0.9/0.53	0.22/-0.23	-1.17/-2.29	-3.33/-3.88	-5.13/-7.77	-11.96/-14.81	-16.26/-13.96	-9.03/-5.97	-4.06/-2.57	-1.44/-0.91	-0.78/-0.26	0.37/1.02	1.32/1.41	1.16/0.6	0.25/-0.54	-1.95/-3.1	-5.24/-7.77	-10.72/-14.19	-15.69/-11.83	-8.02/-5.76	-4.74/-3.38	-1.87/-1.33	-1.04/-0.29
Θ(7.5°)	1.48/1.49	1.59/1.56	1.17/1.03	0.18/-0.96	-2.43/-2.76	-3.48/-5.89	-9/-11.8	-15.8/-14.15	-10.38/-7.28	-5.46/-3.01	-1.44/-0.72	-0.1/-0.34	-0.04/0.43	0.46/0.52	0.11/-0.34	-0.82/-1.74	-3.29/-4	-4.96/-7.66	-11.19/-12.69	-14.94/-11	-7.59/-5.32	-3.69/-2.26	-1.06/-0.37	0.48/1.25
Θ(15°)	1.23/1.01	1.52/1.81	1.65/1.15	0.83/0.38	-0.12/-1.31	-2.78/-5.09	-7.86/-13.12	-18.19/-15.95	-12.16/-9.8	-6.28/-4.21	-2.66/-1.26	-0.3/0.45	1.03/1.4	1.25/0.88	0.76/0.25	-0.68/-1.95	-3.86/-6.26	-7.51/-9.45	-13.32/-16.26	-17.89/-15.26	-9.86/-6.85	-4.08/-2.38	-1.09/-0.09	0.74/1.11
Θ(22.5°)	1.26/1.88	2.64/2.8	2.52/1.97	1.65/0.9	0.28/-0.86	-2.42/-4.73	-6.62/-10.39	-18.76/-14.9	-10.49/-9.78	-8.62/-5.34	-2.81/-1.35	-0.82/-0.13	0.59/0.98	1.38/1.18	1.1/0.35	-0.49/-1.77	-3.68/-5.41	-7.4/-9.95	-13.87/-16.92	-18.38/-18.35	-13.07/-7.68	-4.84/-2.43	-1.04/0.02	0.36/0.68
Θ(30°)	1.21/1.98	2.78/3.36	3.47/3.3	2.42/0.84	-0.55/-2.1	-4.57/-7.2	-8.93/-9.43	-13.23/-18.07	-13.29/-10.07	-8.61/-5.27	-2.58/-0.99	-1.27/-1.48	-1.69/-1.9	-1.23/-1.4	-2.2/-3.58	-4.98/-4.82	-4.04/-3.45	-5.2/-7	-8.56/-13.7	-17.77/-17.69	-18.52/-12.61	-7.06/-2.51	-0.42/0.33	0.77/1.1
Θ(37.5°)	1.92/2.53	3.25/3.72	3.63/2.98	2.06/0.53	-0.58/-2.27	-4.35/-8.47	-9.89/-9.66	-13.32/-17.84	-13.2/-9.75	-7.76/-5.63	-3.36/-2.07	-1.94/-1.17	-0.28/1.23	1.3/0.61	0.05/0.1	-0.99/-2.54	-3.85/-4.14	-4.52/-5.09	-7.44/-13.09	-18.21/-15.28	-18.69/-15.43	-7.89/-3.13	-0.75/0.59	1.38/1.45
Θ(45°)	2.52/3.72	3.8/3.59	2.91/2.51	1.4/-0.01	-1.43/-2.57	-3.02/-4.72	-6.7/-9.13	-11.16/-12.57	-11.91/-10.16	-9/-5.14	-1.71/-0.82	-1.29/-2.47	-2.39/-1.03	-0.87/-0.44	-0.81/-1.58	-1.5/-2.07	-4.54/-7.3	-7.96/-6.62	-7.06/-11.99	-18.96/-13.45	-13.66/-18.14	-5.64/-3.09	-0.99/0.23	0.7/1.18
Θ(52.5°)	2.33/2.44	2.43/2.47	2.6/2.19	1.03/-0.22	-1.93/-3.31	-4.08/-3.56	-3.7/-5.31	-8.38/-11.39	-9.87/-7.65	-5.51/-5.08	-3.98/-3.53	-3.5/-2.01	-0.26/0.45	-0.21/-0.74	-2.36/-2.8	-3.19/-2.78	-2.41/-6.61	-10.9/-7.6	-10.74/-17.78	-18.7/-16.7	-17.58/-11.47	-6.11/-3.5	-1.38/0.38	0.54/1.18
Θ(60°)	2.16/1.99	2.63/3.07	3.13/2.48	2.16/1.87	0.22/-1.62	-2.13/-3.04	-5.49/-9.02	-12.17/-13.38	-11.3/-8.82	-7.78/-6.44	-7.13/-8.34	-6.36/-4.14	-3.05/-2.83	-2.61/-3.23	-4.09/-5.4	-4.39/-4.37	-6.51/-7.03	-10.78/-13.52	-9.59/-15.54	-17.37/-12.15	-18.18/-7.34	-4.37/-4.61	-2.31/-0.42	-0.46/1.47
Θ(67.5°)	1.26/0.39	2.11/3.18	2.8/1.4	0.95/0.48	0.34/-0.58	-3.09/-5.01	-5.05/-8.37	-16.07/-18.75	-18.18/-11.57	-9.06/-8.59	-8.91/-10.49	-6.58/-4.63	-4.37/-4.53	-2.86/-0.82	-0.87/-1.97	-4.62/-6.57	-5.11/-7.97	-18.38/-10.86	-12.72/-17.52	-16.13/-18.77	-15.03/-6.83	-6.58/-5.87	-3/-1.14	0.92/2.38
Θ(75°)	-0.31/-0.03	2.73/3.42	2.38/1.31	1.18/1	0.72/-0.99	-3.31/-5.78	-6.09/-8.13	-15.7/-18.76	-18.2/-15.7	-14.2/-12.71	-10.32/-7.5	-3.23/-2.11	-4.72/-7.86	-5.31/-3.35	-2.59/-5.22	-5.66/-4.46	-5.74/-9.53	-18.85/-10.68	-15.78/-10.33	-9.77/-16.18	-10.95/-6.12	-3.96/-5.4	-3.75/-2.75	0.11/0.93
Θ(82.5°)	-2.02/0.74	3.14/3.15	1.29/0.37	0.24/0.83	0.25/-1.61	-3/-4.11	-6.02/-9.85	-18/-18.51	-17.91/-17.33	-15.29/-7.48	-3.76/-4.82	-2.46/-1.76	-3.54/-5.95	-6.96/-8.03	-7.78/-8.86	-3.78/-5.57	-13.2/-9.53	-18.39/-12.99	-16.19/-12.07	-10.33/-17.82	-7.58/-6.15	-6.92/-7.04	-4.95/-2.73	0.58/0.25
Θ(90°)	-3.19/0.15	1.43/0.56	-0.06/0.52	0.74/0.11	-0.43/-1.62	-3.44/-5.14	-6.71/-9.12	-18.04/-13.19	-9.34/-10.22	-8.82/-3.78	-1.61/-3.46	-4.51/-2.81	-4.3/-6.39	-6.18/-15.26	-12.93/-9.52	-8.7/-5.92	-9.19/-15.55	-15.48/-8.57	-17.92/-12.64	-8.5/-16.3	-8.54/-7.74	-4.78/-6.96	-6.89/-1.97	-0.21/-1.54
Θ(97.5°)	-4.37/-0.47	0.99/0.51	-1.05/-1.08	-0.19/-0.39	-1.37/-2.53	-4.3/-8.11	-7.9/-8.31	-13.75/-14.7	-9.22/-7.34	-5.59/-3.76	-1.67/-2.3	-3.36/-3.83	-3.67/-3.64	-3.37/-9.81	-13.77/-12.21	-11/-3.97	-4.59/-9.75	-18.49/-11.51	-15.04/-13.94	-10.89/-13.99	-13.25/-6.49	-5.02/-8.67	-5.93/-1.85	-1.59/-3.27
Θ(105°)	-3.82/-2.69	-1.37/-2.22	-1.93/-1.18	-0.37/-0.37	-0.89/-1.44	-3.89/-6.48	-7.34/-7.7	-11.03/-10.08	-7.79/-6.2	-4.3/-1.8	-1.84/-3.89	-4.41/-7.51	-5.57/-2.2	-0.85/-4.08	-7.14/-8.91	-9.67/-10.55	-8.28/-7.78	-18.54/-12.8	-17.42/-18.98	-9.95/-17.95	-13.7/-7.36	-6.01/-9.14	-6.99/-3.17	-3.88/-3.79
Θ(112.5°)	-3.93/-2.88	-2.55/-3.1	-4.53/-3.64	-1.48/-1.21	-2.29/-3.13	-4.71/-6.7	-8.26/-9.84	-9.49/-7.68	-9.31/-9.34	-5.65/-3.11	-4.66/-5.04	-1.37/-3.67	-10.57/-9.12	-12.21/-8.38	-14.08/-15.97	-12.28/-10.55	-8.48/-13.17	-19.31/-16.05	-15.97/-19.02	-17.84/-15.34	-11.98/-5.35	-5.67/-9.92	-8.12/-4.74	-6.42/-3.69
Θ(120°)	-4.33/-5.19	-3.81/-2.85	-2.96/-3.27	-3.77/-3.79	-2.88/-3.3	-4.97/-7.55	-9.49/-12.07	-10.42/-8.58	-6.63/-7.43	-4.89/-2.43	-4.39/-16.29	-6.92/-6.61	-15.55/-8.16	-10.3/-17.81	-18.39/-17.52	-9.05/-4.92	-8.75/-17.55	-12.21/-18.37	-15.49/-19.26	-10.24/-12.84	-12.66/-10.53	-7.72/-10.94	-9.59/-6.47	-4.02/-3.25
Θ(127.5°)	-4.42/-5.3	-4.66/-5.22	-5.27/-4.82	-5.12/-5.49	-5.27/-5.6	-6.62/-6.91	-7.73/-9.93	-17.51/-11.83	-7.01/-6.69	-8.58/-9.35	-6.38/-4.47	-5.49/-7.54	-9.99/-18	-10.03/-13.81	-10.71/-14.62	-12.97/-8.89	-8.47/-12.9	-15.98/-19.15	-11.3/-16.67	-19.34/-8.81	-17.71/-18.55	-8.78/-11.96	-8.42/-4.4	-3.37/-3
Θ(135°)	-4.69/-3.6	-2.92/-3.36	-5.87/-7.07	-7.07/-5.91	-6.57/-9.85	-11.8/-11.9	-12.74/-15.6	-14.46/-12.41	-7.96/-7.35	-7.43/-7.6	-4.83/-4.7	-11.39/-13.75	-5.12/-4.38	-5.58/-3.41	-5.94/-10.03	-12.96/-17.28	-16.07/-16.9	-12.83/-13.25	-15.16/-14.5	-17.82/-11.55	-17.95/-19.04	-18.67/-18.33	-12.29/-8.63	-6.67/-5.23
Θ(142.5°)	-3.03/-2.31	-1.57/-0.92	-1.81/-2.56	-4.2/-5.2	-5.69/-5.97	-7.65/-11.32	-17.46/-18.09	-18.67/-15.47	-8.57/-6.27	-7.98/-12.27	-8.81/-5.4	-3.85/-3.97	-3.53/-3.18	-4.9/-7.13	-9.13/-7.56	-8.36/-14.25	-18.23/-14.23	-12.59/-17.08	-18.86/-18.69	-16.99/-17.81	-15.97/-13.49	-14.47/-16.42	-17.05/-10.75	-5.78/-3.5
Θ(150°)	-4.28/-4.21	-2.74/-1.87	-1.71/-2.06	-3.05/-4.81	-6.37/-8.14	-10.38/-15.26	-17.58/-15.02	-17.43/-17.31	-18.46/-11.03	-7.99/-4.35	-1.86/-3.32	-4.2/-5.46	-8.14/-8.28	-8.41/-9.82	-9.07/-8.38	-8.04/-11.46	-19.04/-12.04	-11.37/-14.84	-15.22/-15.43	-13.51/-17.19	-12.9/-10.71	-15.77/-16.63	-12/-8.67	-6.04/-4.37
Θ(157.5°)	-5.03/-5.68	-6.5/-5.52	-4.14/-3.54	-2.63/-1.98	-2.52/-4.31	-7.54/-14.6	-18.66/-17.37	-14.12/-17.87	-14.76/-9.34	-5.77/-3.7	-3.63/-5.23	-8.56/-11.61	-13.14/-15.86	-19.14/-17.89	-19.05/-16.7	-16.99/-18.72	-17.66/-18.57	-19/-19.22	-19.18/-13.86	-13.54/-17.78	-14.36/-10.61	-9.39/-7.11	-6.91/-6.54	-6.32/-5.07
Θ(165°)	-4.04/-3.62	-3.92/-4.68	-4.56/-4.41	-4.04/-4.17	-5.46/-7.76	-9.04/-10.26	-12.62/-17.86	-18.8/-17.77	-14.87/-13.06	-9.91/-9.21	-12.46/-15.05	-19/-15.66	-12.15/-11.08	-10.05/-11.45	-14.61/-17.75	-17.65/-17.74	-18.52/-18.46	-14.99/-15.62	-17.84/-18.69	-16.85/-18.69	-19.32/-12.82	-9.82/-8.06	-6.21/-5.68	-6.04/-5.04
Θ(172.5°)	-9.64/-8.44	-7.49/-6.73	-6.11/-6.13	-6.32/-7.36	-7.92/-7.73	-7.72/-9.44	-12.17/-16.36	-17.95/-15.57	-13.54/-13.85	-15.85/-17.78	-16.83/-15.06	-13.19/-12.12	-13.06/-12.34	-11.75/-11.23	-11.84/-11.86	-12.22/-12.73	-12.26/-11.83	-11.93/-14.24	-16.82/-17.99	-18.97/-17.65	-14.39/-12.63	-12.21/-10.01	-10.16/-9.31	-9.69/-9.36
Θ(180°)	-8.05/-8.32	-8.31/-7.7	-8.47/-7.7	-7.82/-8.89	-9.3/-10.75	-11.99/-14.89	-16.4/-19.01	-18.57/-16.79	-16.11/-16.09	-15.85/-14.44	-14.68/-14.38	-16.82/-18.58	-18.79/-14.14	-12.4/-12.43	-11.27/-9.72	-9.17/-8.72	-10.05/-12.93	-15.63/-16.94	-17.92/-17.44	-18.43/-16.01	-16.92/-15.19	-12.84/-9.91	-8.68/-7.87	-7.35/-8.09
Freq(Hz)	5.785G/Pol.	Theta/Ant. 2	-/-	-/-	-/-	-/-	-/-	-

Freq(Hz)	6.175G	6.475G	6.695G	6.995G
Ant. 1 Max Gain (dBi)	4.06	3.64	4.3	3.51
Ant. 2 Max Gain (dBi)	1.65	1.44	2.31	2.08
Ant. 3 Max Gain (dBi)	2.58	1.31	2.03	2.7
Ant. 4 Max Gain (dBi)	2.51	2.82	3.53	3.79
Ant. 1 Polarization/Θ(°)/Φ(°)	Theta/150/247.5	Phi/112.5/330	Phi/127.5/322.5	Theta/157.5/240
Ant. 2 Polarization/Θ(°)/Φ(°)	Theta/127.5/142.5	Theta/105/142.5	Theta/105/142.5	Theta/105/15
Ant. 3 Polarization/Θ(°)/Φ(°)	Theta/127.5/37.5	Theta/120/30	Theta/82.5/172.5	Theta/97.5/172.5
Ant. 4 Polarization/Θ(°)/Φ(°)	Phi/60/202.5	Phi/52.5/202.5	Phi/37.5/165	Phi/30/165
Max Gain (dBi)	4.06	3.64	4.3	3.79
DG [1SS] (dBi)	4.31	3.97	4.33	3.94
DG [2SS] (dBi)	4.06	3.64	4.3	3.79
DG [4SS] (dBi)	4.06	3.64	4.3	3.79

DG 1SS Result

Freq(Hz)	6.175G/Pol.	Phi/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
DG(dBi)	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	0.91/1.03	1.27/1.48	2.11/2.04	2.08/1.69	1.28/1.05	0.3/-0.96	-1.17/-1.61	-0.9/0.01	0.6/0.99	1.01/1.28	1.3/1.2	0.97/1.07	1.38/1.74	2.24/2.7	2.72/2.52	2.51/2.23	1.29/0.51	-0.03/-0.9	-2.29/-1.67	-0.65/-0.26	0.04/0.7	1.15/1.43	1.19/1.3	0.83/0.72
Θ(7.5°)	1.41/1.47	1.8/2.29	2.57/2.36	2.5/2.2	1.61/0.96	0.16/-0.61	-1.37/-1.86	-1.25/-0.64	-0.16/0.19	0.57/1.28	1.36/1.11	0.84/0.93	1.09/1.22	1.59/1.71	1.87/1.71	1.53/1.71	1.11/0.36	-0.64/-1.47	-1.81/-1.9	-0.92/-0.25	0.41/1.02	1.65/2.12	2.34/2.12	1.67/1.51
Θ(15°)	1.07/1.08	1.42/2.58	2.96/2.76	2.94/2.71	2.53/1.97	0.86/0.24	-0.05/-0.63	-1.1/-0.4	0.36/0.73	0.87/1.12	1.38/1.37	0.89/0.88	0.65/0.33	0.19/0.16	0.35/0.36	0.37/-0.16	-0.53/-1.94	-4.03/-5.16	-4.49/-4.5	-4.53/-2.67	-0.78/0.32	1.33/1.95	2.28/2.47	2.1/1.43
Θ(22.5°)	-0.37/-0.96	0.15/1.27	1.58/1.7	1.82/1.76	1.4/1.08	0.88/0.42	-0.12/-0.62	-0.46/-0.15	0.2/0.33	0.3/0.43	1/0.89	0.98/0.98	0.65/0.59	0.24/0.18	0.6/1.05	0.91/0.27	-0.18/-0.38	-0.98/-1.46	-1.69/-1.93	-2.51/-2.64	-1.78/-0.85	0.09/1.26	2.19/2.38	1.5/0.75
Θ(30°)	-1.23/-1.45	-0.71/-0.36	0.64/1.63	2.39/2.39	1.46/1.24	0.57/-0.36	-0.83/-0.46	-0.41/-0.5	-0.51/-0.29	0.06/0.19	0.27/-0.34	-0.69/0.07	0.57/0.42	0.07/0.19	0.24/-0.19	-0.78/-2.27	-3.69/-3.73	-2.79/-2.79	-4.1/-4.42	-3.38/-2.02	-1.08/-0.39	0.19/0.51	1.37/1.46	0.63/-0.27
Θ(37.5°)	0.42/0.18	0.29/0.54	0.83/0.73	0.39/-0.48	0.05/0.9	1.05/0.85	0.99/0.92	-0.09/-1	-1.48/-1.81	-0.65/0.01	-0.36/-1.61	-2.32/-0.52	0.3/0.43	0.8/0.83	0.48/-0.49	-0.58/-1.15	-1.12/-1.51	-1.62/-2.3	-3.41/-4.26	-3.79/-3.43	-3.26/-1.56	-0.55/0.46	0.4/-0.31	-0.13/0.46
Θ(45°)	0.36/0.08	0.4/-0.34	-0.48/-0.28	-0.33/0.83	2/1.63	0.5/0.45	0.6/0.27	-0.38/-1.02	-0.71/-0.67	-1.18/-1.92	-1.27/-1.11	-1.05/-0.78	-0.68/0.12	0.71/0.56	-0.25/0.64	0.17/-0.74	-1.67/-1.75	-1.33/-1.27	-3.31/-6.39	-6.27/-4.67	-2.7/-1.03	-0.35/1.61	1.53/0.33	0.32/0.96
Θ(52.5°)	0.31/0.12	-0.32/0.44	-0.55/-0.78	-0.99/-0.14	-0.08/0.32	0.57/0.04	-0.32/-0.3	-0.91/-0.59	-0.8/-0.36	-1.51/-3.66	-2.65/-2.03	-0.92/-1.2	-0.99/-0.15	-0.01/1.28	0.56/1.32	0.62/-0.34	0.05/-1.44	-3.57/-0.55	-0.42/-2.59	-3.83/-2.21	-0.92/-0.86	-0.63/-0.2	-0.81/-0.75	-1.21/-0.67
Θ(60°)	1.05/1.25	0.96/-0.3	0.07/-0.36	0.52/0.42	-1.11/-1.41	-1/-1.93	-2.82/-2.18	-1.35/-2.52	-4.09/-4.26	-1.99/-0.63	-1.23/-0.84	-1.02/-0.9	-1.21/-0.53	0.41/0.56	-0.03/0.79	1.63/-0.16	-1.73/-1.08	-1.93/-1.52	-1.92/-3.64	-2.98/-3.24	-0.06/0.35	-0.3/-0.99	0.51/0.61	0.28/1.24
Θ(67.5°)	1.7/0.59	0.87/-0.6	-1.52/-1.56	-1.22/-0.38	-1.82/-2.62	-3.21/-3.5	-3.73/-3.26	-3.53/-4.59	-3.73/-3.51	-3.42/-1.7	-1.71/-2.56	-2.49/-2.82	-2.15/-1.72	0.03/0.53	0.09/0.66	-0.44/-0.49	-1.03/-1.83	0.16/0.54	-2.2/-2.03	-2.11/-2.94	-0.65/0.85	-0.13/0.47	0.81/0.88	0.6/1.47
Θ(75°)	1.65/1.24	-0.41/-0.63	-0.13/0.02	-1.94/-3.53	-3.22/-2.4	-3/-2.77	-3.24/-3.06	-3.76/-5.76	-5.19/-4.05	-4.54/-3.21	-3.29/-3.52	-3.43/-3.66	-2.02/-1.9	-0.97/-1.35	-0.17/-0.63	-1.38/-2.36	-1.62/-1.16	-0.48/-0.27	-2.32/-1.33	-0.22/-1.12	-0.05/0.67	1.13/-0.76	-0.18/0.89	1.22/1.63
Θ(82.5°)	0.92/1.21	-0.92/-0.11	0.34/-0.01	-1.92/-3.59	-4.16/-1.43	-0.39/-2.75	-2.76/-3.14	-2.76/-4.05	-4.85/-3.2	-3.42/-4.19	-2.96/-1.98	-0.53/-2.15	-1.27/0.28	-1.05/0.73	-0.36/-1.81	-3.06/-2.88	-1.02/1.66	0.86/-1.58	-3.32/-3.11	-1.96/-0.38	0.42/-1.56	0.24/-0.26	0.67/1.23	1.36/1.81
Θ(90°)	0.26/0.91	0.61/-3.13	-1.72/-3.26	-3.84/-5.64	-5.69/-4.61	-4.9/-4.82	-3.88/-3.4	-3.3/-2.54	-3.76/-4.46	-2.05/-0.93	-2.66/-1.67	-0.85/-1.27	-2.31/-2.66	-2.54/-0.06	-0.18/-1.93	-1.75/-1.47	0.67/2.15	0.9/-0.91	-2.02/-3.29	-2.42/-1.13	-1.3/-0.44	0.68/0.16	-0.1/0.83	-0.24/1.11
Θ(97.5°)	0.75/1.87	0.52/-2.85	-1.92/-3.16	-4.86/-7.02	-6.27/-4.81	-7.41/-8.79	-6.87/-3.91	-3.78/-4.61	-3.19/-4.09	-2.95/-1.31	-0.95/-2.96	-1.44/-1.12	-0.82/-1.8	-0.62/0.58	-0.98/-2.95	-3.02/-1.09	-1.09/0.36	-0.5/-4.86	-2.15/-1.49	1.6/-0.57	-0.38/1.24	1.3/1.03	1.13/1.05	0.25/1.69
Θ(105°)	0.1/-0.09	-0.52/-1.86	-4.24/-3.83	-3.46/-4.95	-7.12/-3.77	-3.06/-3.55	-4.21/-2.32	-2.58/-6.21	-4.01/-5.14	-4.35/-2.47	-2.81/-2.78	-1.77/-1.25	1.48/-0.38	-1.83/-2.03	-1.79/-2.15	-0.7/-2.64	-3.95/-2.36	-2.79/-2.88	-1.84/-1.46	0.5/-1.96	0.2/0.73	1.73/1.68	0.74/-0.93	-1.68/-0.22
Θ(112.5°)	-0.25/0.07	0.5/-0.56	-3.68/-1.53	-0.57/-3.61	-5.98/-3.76	-3.72/-1.36	-1.1/-1.72	-2.56/-1.17	-1.3/-1.88	-3.19/-2.52	-3.78/-1.81	-1/-1.25	0.63/0.45	-0.9/-3.16	-0.09/-1.27	-1/-0.06	0.18/-1.48	-0.91/-3.54	-6.21/0.89	1.51/-1.86	-1.86/-1.45	-0.07/1.71	1.91/-0.32	-0.39/-1.46
Θ(120°)	0.69/0.28	-0.7/-1.47	-3.17/-1.69	-0.29/-0.83	-3.37/-2.78	-1.95/-0.4	0.07/-1.13	-1.19/-0.8	0.45/-0.21	-0.83/-2.19	-4.15/-3.15	-2.61/-2.66	-3.35/-2.89	-3.35/-1.61	-1.14/0.2	-1.53/-2.08	0.86/0.52	-0.78/-5.05	-7.01/-2.12	0.99/-0.94	-0.06/-2.38	-1.94/-1.29	-1.3/-1.69	-1.22/-0.58
Θ(127.5°)	-2.2/-0.78	-0.93/-2.47	-1.76/-0.72	1.49/1.71	0.2/-1.52	-1.84/-3.08	-2.02/0.2	0.77/0.64	1.18/1.82	0.77/-0.42	-1.07/-1.92	-0.49/-3.96	-5.15/-4.19	-4.49/-1.1	0.14/-3.43	-3.76/-0.52	-0.28/-3.39	-4.15/-2.43	-4.54/-2.56	-3.99/-3.54	-0.77/-2.35	0.03/0.73	0.74/-4.09	-4.04/-2.61
Θ(135°)	-2.91/-0.39	0.14/-0.23	-0.97/-0.45	0.98/2.7	2.82/1.71	0.67/-1.67	-3.61/-1.73	-0.1/1.29	2.37/3.04	1.43/-0.54	-2.43/1.43	2.02/-0.22	-0.89/-0.66	-1.42/-1.56	-1.44/-1.4	-2.37/-0.24	-0.91/-1.08	-6.56/-1.93	-4.04/-2.56	0.17/1.08	-0.31/-1.16	-2.6/-0.76	-1.44/-1.84	-1.45/-1.08
Θ(142.5°)	-2.74/-2.11	-0.8/0.25	0.64/1.07	-0/-0.06	0.74/0.85	0.24/-0.58	-1.33/-0.9	-0.75/0.32	0.79/0.73	1.2/0.83	-0.62/-1.69	-1.11/-2.2	-2.03/-0.5	-0.09/-1.51	-0.79/-0.64	-1.91/-1.89	-1.54/-1.97	-2.69/-5.53	-6.01/-4.4	-3.2/-1.25	-1.16/-2.36	-2.74/-3.39	-4.67/-5.48	-3.88/-2.65
Θ(150°)	-3.67/-4.77	-3.39/-1.18	-1.17/0.25	0/-1.18	-1.97/-0.42	0.68/1.96	1.83/1.24	0.56/0.1	-0.56/-0.83	-0.74/-1.03	-1.48/-1.78	-3.18/-6.34	-7.85/-3.16	-0.37/0.2	-1.06/-2.62	-1.88/-0.19	-0.56/-1.82	-4.36/-7.18	-6.22/-4.54	-4.24/-3.25	-2.15/-0.92	-1.52/-2.44	-3.89/-3.49	-2.2/-1.95
Θ(157.5°)	-6.87/-4.84	-2.79/0.05	1.31/1.17	1.67/1.84	1.57/0.87	0.14/-0.8	-0.98/-0.98	-1/-1.14	-0.71/0.27	0.55/-0.47	-1.86/-2.79	-2.91/-3.4	-5.78/-6.23	-4.39/-2.53	-0.89/-0.07	-0.2/-0.9	-2.22/-3.32	-3.41/-3.48	-4.78/-6.11	-4.12/-4.72	-5.55/-5.16	-4.16/-2.92	-2.25/-2.42	-2.79/-4.47
Θ(165°)	-2.68/-2.3	-0.63/0.57	0.96/2.01	2.78/3.03	3.05/2.38	1.2/0.46	0.1/-0.22	-0.15/0.27	0.47/0.35	0.53/0.9	0.82/0.46	-0.28/-1.22	-2.34/-2.51	-0.66/0.72	1.08/0.76	0.52/0.77	0.93/0.19	-1.33/-3.24	-4.05/-4.64	-3.98/-3.6	-3/-2.41	-2.11/-2.13	-2.16/-1.67	-1.4/-2.35
Θ(172.5°)	-4.25/-3.77	-4.01/-3.31	-1.7/-0.74	-0.01/0.86	1.48/1.46	0.9/0.38	-0.13/-0.13	-0.32/-0.9	-0.92/-0.55	-0.4/-1.04	-2.27/-3.49	-4.93/-6.8	-7.98/-7.35	-6.91/-5.92	-5.29/-4.85	-4.26/-4.46	-4.42/-4.97	-6.37/-7.13	-7.31/-7.42	-7.77/-7.19	-5.88/-4.91	-5.3/-5.58	-5.41/-5.43	-4.7/-4.35
Θ(180°)	-3.89/-4.17	-3.57/-2.99	-1.93/-1.51	-1.53/-1.56	-2.01/-2.06	-2.06/-1.86	-1.37/-1.04	-1.03/-1.45	-1.96/-3.19	-4.52/-5.38	-6.15/-7.48	-8.67/-9.35	-10.09/-9.26	-7.35/-6	-5.14/-4.7	-3.99/-3.37	-3.02/-2.02	-1.63/-1.54	-1.88/-2.14	-2.43/-2.8	-2.98/-3.09	-3.06/-3.34	-3.19/-3.16	-3.11/-3.6
Freq(Hz)	6.175G/Pol.	Theta/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
DG(dBi)	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	-0.04/-0.64	-1.14/-0.69	-0.48/-0.32	0.28/0.83	1/0.8	0.33/0.82	1.21/1.35	2.43/2.46	2.27/2.15	1.98/1.9	1.28/0.55	-0.08/-0.85	-1.36/-1.17	-0.45/-0.02	0.45/1.27	1.45/0.99	0.43/0.29	0.44/0.68	0.99/0.95	1.56/1.88	1.88/1.77	1.69/1.51	0.93/0.57	0.23/0.29
Θ(7.5°)	-0.41/-0.26	-0.67/-0.4	-0.6/-0.61	0.26/1.5	1.44/1.13	0.83/0.89	1.08/1.09	1.35/1.4	1.74/1.7	1.49/1.1	0.63/0.34	-0.43/-1.18	-1.76/-1.8	-1.45/-0.82	-0.51/0.05	0.76/0.58	0.33/0.33	0.55/0.6	0.87/1.07	1.43/1.87	1.78/1.87	1.82/1.4	0.73/0.4	0.01/-0.18
Θ(15°)	-1.61/-1.18	-1.08/-0.84	-0.77/0.25	1.42/1.81	1.73/1.53	1.43/1.76	1.85/1.9	2.3/2.17	2.11/1.61	0.83/0.58	0/-0.67	-1.52/-1.94	-2.39/-3.47	-3.84/-3.79	-3.09/-2.27	-1.26/-0.4	-0.17/-0.6	-0.5/0.54	1.36/1.21	0.94/0.71	0.68/0.61	0.31/-0.3	-0.58/-0.88	-1.18/-1.43
Θ(22.5°)	-1.58/-1.92	-2.08/-1.74	-0.82/0.51	1.17/1.42	1.36/1.67	1.64/1.74	2.09/2.36	2.8/2.94	2.98/2.73	1.59/1.06	0.75/0.17	-0.39/-0.68	-2.39/-3.78	-3.75/-2.65	-1.05/-0.07	0.39/0.67	0.78/0.08	-0.76/-0.56	0.21/0.76	0.72/0.66	1.26/1.68	1.74/0.81	-0.43/-1.34	-1.61/-1.31
Θ(30°)	0.39/-0.63	-1.65/-1.03	-0.21/-0.1	0.11/-0.02	0.01/0.16	0.08/-0.22	-0.26/0.37	1.31/2.33	2.73/2.52	1.55/1.21	2.04/2.39	1.49/-0.2	-2.59/-3.25	-2.94/-3.02	-1.82/-1.23	-0.5/-0.26	-1.34/-1.51	-0.97/-1.42	-0.51/0.18	0.64/1.25	0.9/1.14	2.04/2.19	0.87/-0.31	-1.18/-0.25
Θ(37.5°)	-0.19/-0.57	0.16/0.8	0.3/0.28	0.32/-0.24	-0.05/-0.37	-1.14/-0.92	-0.03/1.51	2.54/2.75	2.82/2.73	2.55/1.69	1.49/1.94	1.2/-0.49	-2.58/-3.01	-2.84/-2.16	-2.26/-2.4	-2.79/-1.83	-1.56/-1.52	-1.13/-0.59	-0.08/-0.72	-0.46/0.58	0.79/0.59	-0.1/0.62	0.03/-0.74	-0.75/-0.42
Θ(45°)	-0.86/0.59	1.33/1.21	1.64/2.37	1.57/-0.27	-1.64/-2.5	-2.67/-1.79	-1.01/-0.26	0.83/1.94	1.82/2.63	2.72/2.11	1.14/0.81	0.85/-0.12	-1.5/-3.35	-2.43/-2.13	-3.26/-2.75	-2.2/-2.21	-2.65/-3.68	-2.47/-2.59	-2.75/-1.67	-0.5/-0.01	-0.87/0.54	0.95/1.46	0.61/0.5	0.48/-0.9
Θ(52.5°)	0.47/2.03	1.23/1.05	2.77/2.51	1.37/-0.27	-1.43/-2.38	-3.58/-2.19	-0.37/0.4	1.32/2.75	4.31/3.1	3.01/2.19	1.72/1.31	1.35/-0.54	-3.12/-7.18	-3.64/-3.61	-3.2/-2.7	-3.15/-1.33	-2.77/-4.53	-5.49/-4.21	-2.91/-2.92	-1.34/0.03	2.33/1.64	1.48/0.29	-0.63/0.09	0.82/-0.38
Θ(60°)	-0.11/1.02	1.65/0.88	1.8/0.76	0.86/0.48	-0.48/-2.18	-3.37/-4.16	-3.9/-2.7	-0.52/1.81	3.12/2.92	2.31/1.76	1.34/0.77	-0.51/-1.33	-2.91/-4.86	-2.91/-2.1	-5.87/-2.73	-2.29/-2.8	-3.2/-8.63	-5.9/-5.41	-4.48/-4.59	-3.31/-0.44	1.77/1.51	-0.63/-0.33	-0.95/-0.58	0.51/-1.34
Θ(67.5°)	-0.72/-0.06	0.56/0.71	0.01/0.98	1.16/1.75	0.88/-1.35	-4.16/-4.23	-5.51/-5.8	-2.9/-0.33	1.47/2.26	1.5/1.91	1.24/-0.43	-0.2/0.38	-3/-1.6	-0.23/-1.52	-2.66/-1.59	-3.11/-2.71	-4.32/-5.29	-4.67/-9.25	-5.76/-7.88	-4.3/-0.49	0.34/0.03	-2.24/-2.73	-2.02/-1.94	-1.74/-2.24
Θ(75°)	-1.2/-1.43	-0.68/-1	0.01/2.6	2.39/0.56	0.47/-2.25	-5.13/-5.57	-4.4/-4.88	-1.27/0.36	1.75/1.11	1.4/0.9	0.57/1.36	0.29/0.49	-1.45/-2.03	1.02/0	-0.79/-2.17	-1.85/-2.43	-3.29/-3.33	-1.1/-3.58	-0.84/-3.75	-0.64/-1.23	0.95/-0.22	-2.77/-1.75	-1.52/-1.82	-1.71/-1.07
Θ(82.5°)	-0.34/-0.59	-0.82/-0.83	0.48/0.65	-0.23/-0.27	-0.78/-1.79	-6.1/-8.7	-4.77/-3.76	-2.76/0.61	1.72/1.82	0.39/-0.95	-0.42/1.94	1.13/0.95	-0.49/-0.87	0.79/-0.42	0.23/-2.08	-0.34/-3.18	-2.11/-0.92	0.34/-1.03	0.97/-0.74	0.94/-1.54	-2.24/-1.69	-1.43/-0.32	-0.65/-0.48	0.79/-0.51
Θ(90°)	0.05/-0.27	-0.88/-1.65	-0.54/-0.64	-0.36/-0.17	-0.81/-2.66	-4.61/-5.72	-5.87/-2.72	-2.68/-0.63	0.8/0.83	0.33/0.18	-0.38/1.23	0.45/0.53	0.19/-1.41	1.44/-0.1	-1.94/-3.95	-1.87/-2.67	-3.38/-3.73	-1.71/-2.69	1.6/-2.55	-1.89/-4.9	-3.79/-1.41	-1.31/0.4	-0.69/-0.11	-0.47/-1.69
Θ(97.5°)	-0.68/0.49	-0.49/-0.49	-0.97/-1.54	-0.75/-1.83	-1.49/-3.47	-4.57/-5.38	-5.86/-5.1	-4.13/-1.09	0.04/-0.52	-0.37/0.89	1.35/1.41	0.54/0.55	-0.53/-0.93	0.96/-0.77	-0.77/-3.94	-2.52/-2.7	-3.84/-2.54	-5.61/-2.46	-3.75/-5.66	-6.2/-2.15	-2.38/0.68	-0.61/0.41	-0.21/0.81	-0.39/-0.63
Θ(105°)	-0.47/0.81	-1.24/0.23	-0.49/-1.72	-0.55/-0.36	0.68/-1.25	-3.49/-5.27	-4.83/-5.49	-6.01/-2.96	0.43/1.44	1.06/1.93	2.15/1.73	0.4/-0.51	-1.52/0.54	0.83/-1.18	-1.97/-3.2	-5.28/-4.19	-4.67/-4.28	-7.42/-3.09	-5.98/-7.44	-1.8/-0.51	-2.57/0.72	-1.58/-0.77	-0.68/1.21	-0.98/-0.39
Θ(112.5°)	0.78/1.26	0.83/0.92	-1.28/0.01	0.4/-0.7	0.04/-0.59	-3.37/-4.91	-5.38/-5.7	-4.6/-3.55	-1.03/0.02	1.68/1.47	2.88/2.12	1.74/-0.3	-1.52/0.15	-0.18/-2.39	-2.32/-1.24	-3.79/-6.01	-7.48/-1.05	-5.97/-4.69	-5.17/-3.15	-0.87/-0.66	-2.56/-2.18	-2.15/-1.66	-0.24/-1.08	-1.79/-0.38
Θ(120°)	-0.94/0.37	0.62/0.34	-0.43/-0.34	0.32/-0.63	0.17/-1.09	-1.98/-3.5	-5.03/-4.03	-4.02/-2.46	-2.06/-0.65	0.58/1.25	1.8/1.62	0.88/0.11	-1.71/0.07	0.62/-0.84	-3.76/-1.29	-1.37/-3.27	-2.54/-6.91	-5.49/-9.53	-2.11/-3.32	-4.04/-3.25	-2.88/-3.04	-4.02/-3.53	-4.2/-1.14	-1.68/-0.96
Θ(127.5°)	-1.08/-1.89	-1.02/-0.4	0.28/1.44	2.19/1.03	-0.84/-1.99	-1.68/-3.51	-3.57/-3.03	-2.26/-0.52	-0.28/0.8	2.31/2.64	1.45/0.43	1.48/1.52	0.1/-0.77	-2.1/-1.23	-0.29/-0.01	-1.6/-4.12	-4.39/-2.23	-6.5/-6.99	-2.44/-3.92	-1.68/-3.17	-2.85/-3.56	-2.19/-4.96	-1.78/-1.71	-3.15/-1.23
Θ(135°)	-0.45/-0.98	-0.86/-0.53	-0.95/0.28	1.33/0.94	-0.06/-2.21	-3.43/-2.59	-1.68/-2.08	-1.43/0.97	2.6/2.21	1.17/1.76	2.28/1.74	1.46/2.25	1.62/-1.28	-1.67/-1.52	0.36/2.39	1.89/-6.87	-0.31/0.65	0.25/-8.02	-7.45/-0.4	-0.75/0.2	-2.23/-2.86	0.64/-0.83	-3.12/-0.95	-1.19/-0.75
Θ(142.5°)	0.82/2.15	2.2/1.62	0.06/-1.59	-0.91/0.91	0.52/-2.71	-5.12/-4.36	-4.29/-4.11	-1.29/-0.17	0.59/0.61	0.58/0.77	1.41/2.87	2.88/0.62	-1.19/0.01	1.8/-0.02	-0.22/0.84	0.41/-3.37	-0.64/0.51	0.72/-7.17	-3.61/-1.21	0.24/0.3	0.88/-0.75	-0.07/-2.65	-1.87/-1.57	-1.71/-0.29
Θ(150°)	0.51/0.11	0.5/-0.14	-0.85/-0.92	-2.31/-4.31	-5.45/-5.6	-5.58/-7.28	-5.57/-3.91	-2.69/-1.69	-1.16/-0.07	0.92/1.81	2.27/2.03	2.02/1.58	0.79/-2.08	-2.26/-2	-1.4/-1.03	-2.2/-4.38	-1.54/2.18	1.74/-3.3	-3.32/-0.71	-0.51/-1.01	-0.37/-2.24	-1.77/1.04	0.87/-1.26	-4.94/-1.55
Θ(157.5°)	1.22/0.08	-0.19/-0.67	-1.78/-1.17	-1.12/-1.47	-1.55/-3.18	-5.6/-7.76	-8.29/-6.74	-4.11/-1.47	-0.36/0.2	0.74/1.11	1.82/3.06	3.05/1.64	0.4/-1.71	-3.73/-4.3	-2.44/-0.74	0.18/-0.33	-0.33/-0.95	-3.14/-5.58	-4.38/-1.19	-0.21/0.26	0.65/-0.4	-1.36/-1.32	-2.31/-2.55	-2.4/-0.24
Θ(165°)	-1.23/-1.35	-1.36/-0.85	0.16/0.16	-0.46/-1.16	-2.48/-4.09	-5.68/-6.81	-8.24/-6.2	-4.63/-2.76	-0.96/0.49	1.25/1.07	1.01/0.94	0.24/-0.13	-0.54/-1.82	-3.53/-5.66	-4.16/-0.94	0.72/1.55	1.57/1.08	-0.08/-1.1	-1.21/-1.12	-1.16/-0.54	-0.08/0.1	-0.21/-1.43	-4.09/-4.6	-2.75/-1.38
Θ(172.5°)	-4.82/-4.59	-4.23/-3.96	-3.69/-2.68	-2.06/-3.42	-5.59/-6.62	-7.97/-8.54	-8.44/-7.29	-5.54/-2.97	-1.61/-1.1	-1.05/-1.37	-1.85/-1.86	-1.27/-1.16	-1.56/-3.02	-4.14/-5.46	-7.18/-6.84	-6.66/-6.51	-5.44/-4.06	-3.45/-3.21	-3.48/-3.4	-3.7/-3.03	-2.65/-2.78	-3.53/-3.9	-4.11/-4.13	-4.08/-4.61
Θ(180°)	-3.27/-3.5	-4.89/-5.03	-3.57/-3.85	-4.27/-5.73	-6.21/-6.86	-7.83/-8.48	-8.16/-7.9	-6.95/-5.64	-5.23/-5.61	-5.23/-4.54	-4.04/-4.84	-4.59/-4.21	-3.47/-3.18	-3.71/-4.38	-5.23/-6.24	-7.11/-7.3	-7.5/-7.68	-7.34/-6.3	-5.12/-5.17	-4.17/-3.68	-3.5/-3.86	-4.19/-4.34	-4.15/-3.52	-3.51/-3.18
Freq(Hz)	6.475G/Pol.	Phi/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
DG(dBi)	Φ(0°)/Φ(7.5°)	Φ(15°)/Φ(22.5°)	Φ(30°)/Φ(37.5°)	Φ(45°)/Φ(52.5°)	Φ(60°)/Φ(67.5°)	Φ(75°)/Φ(82.5°)	Φ(90°)/Φ(97.5°)	Φ(105°)/Φ(112.5°)	Φ(120°)/Φ(127.5°)	Φ(135°)/Φ(142.5°)	Φ(150°)/Φ(157.5°)	Φ(165°)/Φ(172.5°)	Φ(180°)/Φ(187.5°)	Φ(195°)/Φ(202.5°)	Φ(210°)/Φ(217.5°)	Φ(225°)/Φ(232.5°)	Φ(240°)/Φ(247.5°)	Φ(255°)/Φ(262.5°)	Φ(270°)/Φ(277.5°)	Φ(285°)/Φ(292.5°)	Φ(300°)/Φ(307.5°)	Φ(315°)/Φ(322.5°)	Φ(330°)/Φ(337.5°)	Φ(345°)/Φ(352.5°)
Θ(0°)	2.93/3.45	3.79/3.97	3.38/3.12	2.7/2.34	1.72/1.4	0.35/-0.7	-1.15/-1.09	-0.74/-0.05	0.78/1.4	1.58/1.81	1.91/1.72	1.95/2.47	2.72/2.77	3.05/3.41	3.52/3.34	2.72/2.23	1.61/0.9	-0.15/-1.38	-1.61/-1.88	-1.44/-0.27	0.65/1.41	1.69/1.79	1.76/1.86	2.15/2.63
Θ(7.5°)	1.53/2.22	2.95/3.57	2.98/2.55	2.04/1.67	1.17/0.89	0.13/-0.42	-1.07/-1.21	-0.74/0.07	0.48/1.41	1.92/2.18	2.32/2.36	2.42/2.43	2.67/2.76	2.85/3.13	3.42/3.17	2.52/2.04	1.63/1.17	0.3/-0.43	-0.3/-0.07	-0.02/0.62	1.32/1.54	1.7/1.68	1.53/1.21	0.97/1.16
Θ(15°)	0.66/0.79	1.8/1.79	1.84/2.46	2.54/2.32	1.89/1.5	1.18/0.33	-0.37/-0.89	-1.14/-0.83	-0.33/0.28	1.32/1.88	1.99/1.89	2.05/2.45	2.26/2.1	1.64/1.4	1.57/1.84	1.69/0.82	-0.57/-1.2	-2.15/-3.94	-3.76/-2.44	-1.27/-0.42	1.08/1.93	2.07/2.07	2.02/1.77	0.72/0.72
Θ(22.5°)	0.29/0.31	0.89/0.9	1.15/1.78	2.2/2.57	2.57/1.5	0.44/-0.32	-1.5/-1.99	-1.45/-1.18	-0.33/0.22	0.46/1.54	2/1.73