Antenna Composite Gain Test Report

Equipment	BGW320-500 Wireless Integrated ONT Residential Gateway
Brand Name	HUMAX
Model Name	BGW320-500
Applicant	Humax Networks, INC. 216, Hwangsaeul-ro, Bundang-gu, Seongnam-si, 463-875, South Korea
Manufacturer	Humax Networks, INC. 216, Hwangsaeul-ro, Bundang-gu, Seongnam-si, 463-875, South Korea
Sample Received	Apr. 25, 2022
Start Test Date	Apr. 25, 2022
Final Test Date	Apr. 25, 2022

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History of this test report

Report No.	Version	Description	Issued Date
AR242501AA	01	Initial issue of report	Aug. 15, 2022
AP242501AA	02	Changing the brand name of Antenna to GALTRONICS from CALTRONICS	Aug. 29, 2022

1. Operation Mode and Antenna Information

Antenna Position	RF Port		Brand Name	Model Name	Ant. Type	Connector	Modes of Operation
	2.4GHz	5GHz					
2G5GLAnt1	1	1	GALTRONICS	02102140-06811U1	PCB	I-PEX	2.4GHz, 5GHz UNII 1, 2A
2G5GLAnt2	2	2	GALTRONICS	02102140-06811U1	PCB	I-PEX	2.4GHz, 5GHz UNII 1, 2A
2G5GLAnt3	3	3	GALTRONICS	02102140-06811U1	PCB	I-PEX	2.4GHz, 5GHz UNII 1, 2A
2G5GLAnt4	4	4	GALTRONICS	02102140-06811U1	PCB	I-PEX	2.4GHz, 5GHz UNII 1, 2A
5G Ant1	-	1	GALTRONICS	02102140-06811U1	PCB	I-PEX	5GHz UNII 2C, 3
5G Ant2	-	2	GALTRONICS	02102140-06811U1	PCB	I-PEX	5GHz UNII 2C, 3
5G Ant3	-	3	GALTRONICS	02102140-06811U1	PCB	I-PEX	5GHz UNII 2C, 3
5G Ant4	-	4	GALTRONICS	02102140-06811U1	PCB	I-PEX	5GHz UNII 2C, 3

Note:

2.4GHz and 5GHz UNII 1, 2A Operation Mode (4TX/4RX)

2G5GLAnt1~2G5GLAnt4 can be used as transmitting/receiving antenna.

2G5GLAnt1~2G5GLAnt4 could transmit/receive simultaneously.

5GHz UNII 2C, 3 Operation Mode (4TX/4RX)

5G Ant1~5G Ant4 can be used as transmitting/receiving antenna.

5G Ant1~5G Ant4 could transmit/receive simultaneously.

2. 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

3. Testing Location

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

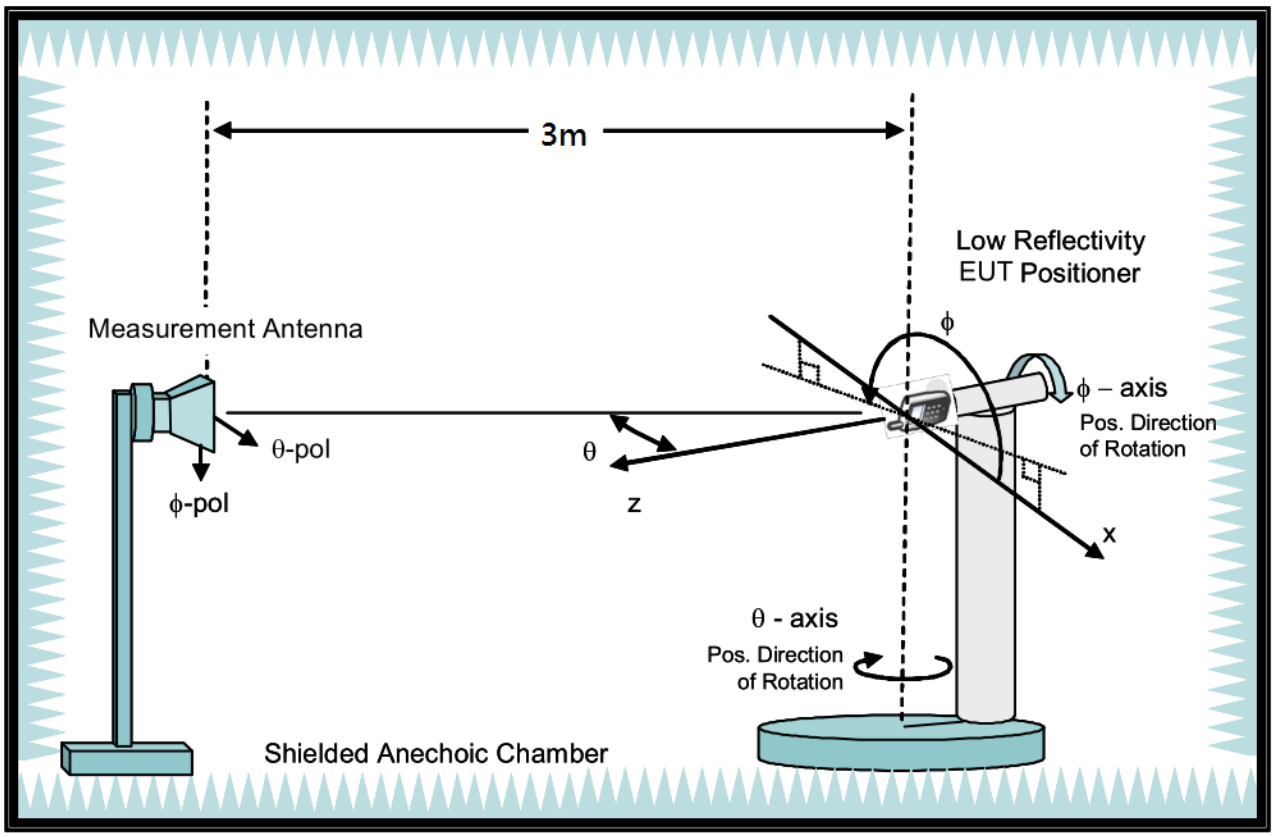
Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
Radiated	05CH03-HY	Rex Liao	23.5-24.5 / 50-55	Apr. 25, 2022

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

4. 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).

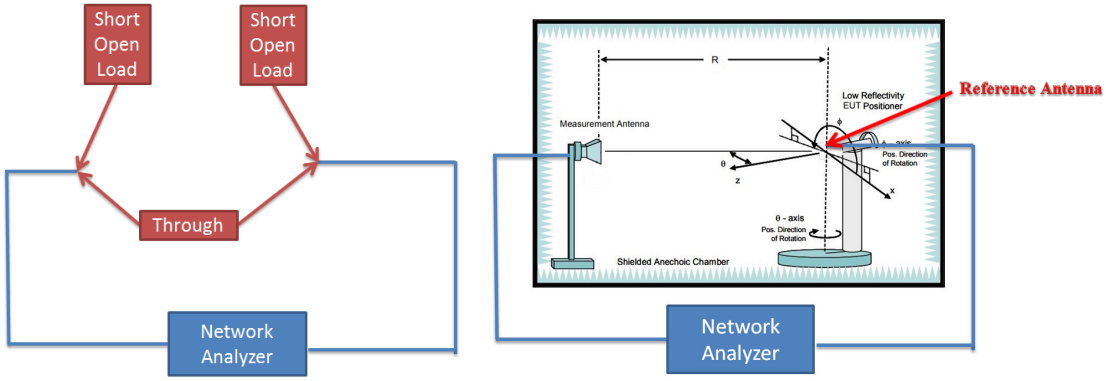
#Reference to CTIA “ctia-test-plan-for-wireless-device-over-the-air-performance-ver-3-7-1”



5. 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	7500
G reading (dB)	-31.4	-31.4	-31.3	-31.3	-31	-30.7	-30.1	-30.5	-30.5	-30.8	-31.3	-32.8	-34.4	-35.4
Reference gain (dBi)	10.2	10.4	10.6	12.4	12.8	13.4	13.4	13.3	13.3	13.1	13.2	12.3	11.7	11.1
Factor (dB)	41.34	41.55	41.68	43.24	43.56	43.68	43.79	43.91	43.99	44.43	44.49	45.24	46.12	46.31

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)

6. 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 10 degree from 0 to 350 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 7 tables.

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

7. Measured Values and Calculation of Maximum Gain Positions

For 2.4GHz/5GHz UNII 1, 2A

DG_1SS max value position

Frequency (Hz)	2.45G	5.2G	5.3G
Ant. 1 (dBi)	-7.37	-1.59	-1.82
Ant. 2 (dBi)	2.89	-0.06	0.22
Ant. 3 (dBi)	-2.89	2.93	1.92
Ant. 4 (dBi)	3.21	-19.2	-19.04
DG [1SS] (dBi)	5.99	4.45	4.07
Polarization	Phi	Theta	Theta
Θ(°)	30	70	80
Φ(°)	30	230	240

Note: The DG 1SS max value position is the maximum value of section 11 table DG 1SS Result.

DG_1SS max value position calculation

Frequency (Hz)	2.45G	5.2G	5.3G
Ant. 1 [10^(G/20)]	10^(-7.37/20)	10^(-1.59/20)	10^(-1.82/20)
Ant. 2 [10^(G/20)]	10^(2.89/20)	10^(-0.06/20)	10^(0.22/20)
Ant. 3 [10^(G/20)]	10^(-2.89/20)	10^(2.93/20)	10^(1.92/20)
Ant. 4 [10^(G/20)]	10^(3.21/20)	10^(-19.2/20)	10^(-19.04/20)
Ant. 1 [10^(G/20)] value	0.428	0.833	0.811
Ant. 2 [10^(G/20)] value	1.395	0.993	1.026
Ant. 3 [10^(G/20)] value	0.717	1.401	1.247
Ant. 4 [10^(G/20)] value	1.447	0.11	0.112
Sum All Antenna [Amax]	3.987	3.337	3.196
DG [10*log(Amax^2/Nant)]	5.99	4.45	4.07

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 5GHz UNII 2C, 3

DG_1SS max value position

Frequency (Hz)	5.6G	5.785G
Ant. 1 (dBi)	-5.23	-5.86
Ant. 2 (dBi)	-0.9	-0.75
Ant. 3 (dBi)	-9.55	-11.07
Ant. 4 (dBi)	3.09	4.21
DG [1SS] (dBi)	4.11	4.43
Polarization	Theta	Theta
Θ(°)	70	100
Φ(°)	60	50

Note: The DG 1SS max value position is the maximum value of section 11 table DG 1SS Result.

DG_1SS max value position calculation

Frequency (Hz)	5.6G	5.785G
Ant. 1 [10^(G/20)]	10^(-5.23/20)	10^(-5.86/20)
Ant. 2 [10^(G/20)]	10^(-0.9/20)	10^(-0.75/20)
Ant. 3 [10^(G/20)]	10^(-9.55/20)	10^(-11.07/20)
Ant. 4 [10^(G/20)]	10^(3.09/20)	10^(4.21/20)
Ant. 1 [10^(G/20)] value	0.548	0.509
Ant. 2 [10^(G/20)] value	0.902	0.917
Ant. 3 [10^(G/20)] value	0.333	0.28
Ant. 4 [10^(G/20)] value	1.427	1.624
Sum All Antenna [Amax]	3.21	3.33
DG [10*log(Amax^2/Nant)]	4.11	4.43

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

8. Summary of Test Result

Frequency (Hz)	2.45G	5.2G	5.3G
Ant. 1 Max Gain (dBi)	4.3	2.43	2.5
Ant. 2 Max Gain (dBi)	3.63	2.08	2.97
Ant. 3 Max Gain (dBi)	2.69	2.93	2.8
Ant. 4 Max Gain (dBi)	4.67	3.28	3.24
Ant. 1 Polarization/Θ(°)/Φ(°)	Theta/80/170	Theta/100/100	Theta/100/90
Ant. 2 Polarization/Θ(°)/Φ(°)	Phi/10/30	Phi/120/190	Phi/120/190
Ant. 3 Polarization/Θ(°)/Φ(°)	Phi/100/80	Theta/70/230	Theta/80/230
Ant. 4 Polarization/Θ(°)/Φ(°)	Phi/50/20	Phi/30/190	Phi/30/200
Max Gain (dBi)	4.67	3.28	3.24
DG [1SS] (dBi)	5.99	4.45	4.07
DG [2SS] (dBi)	4.67	3.28	3.24
DG [4SS] (dBi)	4.67	3.28	3.24

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.

Frequency (Hz)	5.6G	5.785G
Ant. 1 Max Gain (dBi)	2.57	2.64
Ant. 2 Max Gain (dBi)	3.98	4.12
Ant. 3 Max Gain (dBi)	2.29	2.9
Ant. 4 Max Gain (dBi)	3.18	4.21
Ant. 1 Polarization/Θ(°)/Φ(°)	Phi/50/280	Phi/70/190
Ant. 2 Polarization/Θ(°)/Φ(°)	Theta/90/250	Theta/90/250
Ant. 3 Polarization/Θ(°)/Φ(°)	Phi/40/50	Phi/80/60
Ant. 4 Polarization/Θ(°)/Φ(°)	Theta/90/60	Theta/100/50
Max Gain (dBi)	3.98	4.21
DG [1SS] (dBi)	4.11	4.43
DG [2SS] (dBi)	3.98	4.21
DG [4SS] (dBi)	3.98	4.21

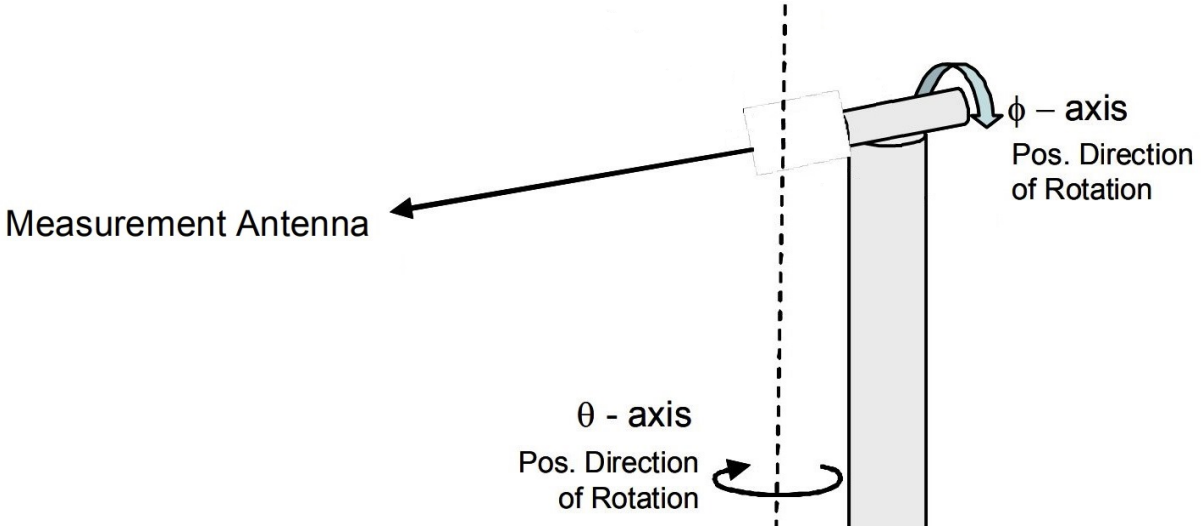
Note:

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.

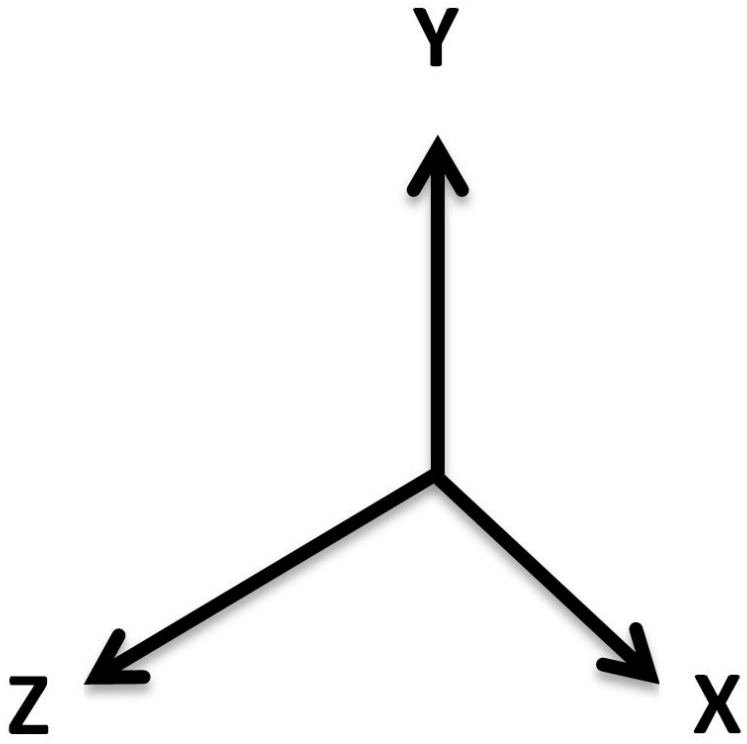
9. Test Setup

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.

10. Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 04, 2021	Aug. 03, 2022
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	V1.0.6	-	N.C.R.	N.C.R.

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

NCR means Non-Calibration required.

11. Test Results

Please refer to the appendix.

Appendix A – Radiated Composite Gain of 2.4GHz, 5GHz U-NII 1 and U-NII 2A……..…….....Page 16
Appendix B – Radiated Composite Gain of 5GHz U-NII 2C and U-NII 3……Page 21
Appendix C – Antenna Pattern of 2.4GHz, 5GHz U-NII 1 and U-NII 2A…..……..Page 25
Appendix D – Antenna Pattern of 5GHz U-NII 2C and U-NII 3…….... Page 29
Appendix E – Test Photos……..… Page 32

Freq(Hz)	2.45G	5.2G	5.3G
Ant. 1 Max Gain (dBi)	4.3	2.43	2.5
Ant. 2 Max Gain (dBi)	3.63	2.08	2.97
Ant. 3 Max Gain (dBi)	2.69	2.93	2.8
Ant. 4 Max Gain (dBi)	4.67	3.28	3.24
Ant. 1 Polarization/Θ(°)/Φ(°)	Theta/80/170	Theta/100/100	Theta/100/90
Ant. 2 Polarization/Θ(°)/Φ(°)	Phi/10/30	Phi/120/190	Phi/120/190
Ant. 3 Polarization/Θ(°)/Φ(°)	Phi/100/80	Theta/70/230	Theta/80/230
Ant. 4 Polarization/Θ(°)/Φ(°)	Phi/50/20	Phi/30/190	Phi/30/200
Max Gain (dBi)	4.67	3.28	3.24
DG [1SS] (dBi)	5.99	4.45	4.07
DG [2SS] (dBi)	4.67	3.28	3.24
DG [4SS] (dBi)	4.67	3.28	3.24

DG 1SS Result

Freq(Hz)	2.45G(Pol.	Phi=	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DG(dBi)	θ(0°)/θ(15°)	θ(30°)/θ(30°)	θ(45°)/θ(50°)	θ(60°)/θ(70°)	θ(80°)/θ(90°)	θ(100°)/θ(110°)	θ(120°)/θ(130°)	θ(140°)/θ(150°)	θ(160°)/θ(170°)	θ(180°)/θ(190°)	θ(200°)/θ(210°)	θ(220°)/θ(230°)	θ(240°)/θ(250°)	θ(260°)/θ(270°)	θ(280°)/θ(290°)	θ(300°)/θ(310°)	θ(320°)/θ(330°)	θ(340°)/θ(350°)
r1=(0°)	4.54/5.17	5.44/5.52	5.46/5.12	4.53/3.56	2.06/-0.19	-3.38/-7.01	-6.3/-2.73	-0.24/1.44	2.66/3.71	4.5/5.04	5.43/5.53	5.44/5.13	4.58/3.62	2.18/0.23	-2.53/-5.41	-4.68/-2.19	-0.31/1.15	2.45/3.62
r1=(10°)	4.61/5.47	5.84/5.94	5.82/5.47	4.88/3.83	2.09/-0.27	-3.44/-6.09	-4.34/-1.13	1.22/2.54	3.44/4.05	4.72/5.18	5.39/5.31	5.08/4.71	4.22/3.38	1.97/-0.02	-2.77/-5.56	-4.6/-2.33	-0.49/0.93	2.22/48
r1=(20°)	4.73/5.35	5.82/5.93	5.56/5.62	4.98/3.62	1.83/-0.16	-2.65/-4.85	-3.6/-1.05	1.06/2.22	3/3.68	4.44/5.03	5.35/54	4.98/4.64	3.94/2.94	1.62/-0	-1.74/-2.77	-2.1/-0.69	0.15/0.83	1.79/3.31
r1=(30°)	4.48/5.13	5.67/5.99	5.56/4.96	4.04/3.52	2.63/1.19	-1.13/-3.23	-2.72/-1.85	-0.36/1.04	2.26/3.62	4.46/5.16	5.51/5.59	5.04/4.98	3.93/2.75	1.49/0.01	-1.13/-1.79	-1.07/0.23	0.71/0.58	1.21/3.1
r1=(40°)	4.61/5.38	5.72/5.83	5.03/4.16	4.13/4	3.32/1.9	-0.02/-2.02	-2.45/-3.07	-3.41/-1.58	0.28/2.04	3.37/4.05	4.79/5.08	5/4.54	3.62/2.63	0.76/0.27	-0.3/-2.61	-2.09/-4.17	-3.38/-0.86	-0.12/-0.11	0.61/2.24
r1=(50°)	4.6/5.4	5.5/5.17	4.52/4.46	4.58/4.05	3.02/0.9	-2.62/-5.55	-5.31/-4.27	-2.24/-0.53	0.68/1.62	2.17/3.11	3.38/3.19	3.12/2.6	1.76/1.2	0.39/-1.13	-3.99/-6.26	-3.4/-0.61	0.24/0.16	1.08/2.94
r1=(60°)	4.35/2	5.07/4.65	4.33/4.36	4.2/3.13	1.06/-2.51	-6.99/-9.51	-7.09/-4.39	-2.33/-0.83	0.36/0.89	1.35/2.17	2.45/2.02	1.73/1.43	0.76/0.27	-0.3/-0.81	-2.09/-4.17	-3.38/-0.86	-0.12/-0.11	0.61/2.24
r1=(70°)	3.79/4.48	4.33/55	2.76/2.39	1.6/-0.15	-3.09/-6.95	-9.26/-8.78	-6.82/-5.67	-3.64/-0.82	1.11/2.31	2.82/37	2.05/1.89	1.58/1.56	1/-0.13	-1.48/-1.9	-2.2/-2.34	-1.99/-0.96	-0.51/-1.19	0.34/2.28
r1=(80°)	2.74/3.31	3.44/3.01	1.92/0.7	0.12/-0.72	-1.39/-2.56	-5.2/-8.17	-10.03/-6.79	-2.59/-0.27	1.02/1.88	2.04/1.29	1.45/2.52	3.2/3.46	2.44/0.67	-1.24/-2.35	-3.63/-4.88	-2.86/-1.37	-0.91/-0.67	0.46/1.84
r1=(90°)	2.28/2.96	2.94/2.24	0.77/0.27	0.74/1.18	0.99/-0.47	-3.03/-6.46	-8.19/-2.63	0.36/1.4	0.95/1.64	1.49/0.97	0.01/1.02	2.65/3.1	1.93/-0.43	-3.11/-4.23	-5.64/-7.8	-6.2/-2.69	-1.12/-0.57	-0.07/1.11
r1=(100°)	0.94/1.83	2.42/27	0.94/0.99	1.94/2.47	2.87/1	-1.38/-4.32	-4.71/-1.34	1.11/1.16	0.79/1.27	1.45/82	0.31/1.16	2.46/2.99	2.31/0.3	-2.58/-4	-6.72/-7.18	-6.41/-3.29	-1.62/-1.5	-0.37/0.12
r1=(110°)	-0.88/1.07	2.72/1.43	-0.39/-0.4	0.95/4.4	0.39/-0.4	-1.73/-3.55	-3.44/-0.23	0.61/1.84	1.16/0.84	0.11/-0.51	0.11/1.57	2.62/2.66	2.98/0.64	-1.84/-4.6	-5.78/-9.23	-4.26/-2.84	-1.77/-1.53	-1.38/-1.49
r1=(120°)	-1.62/-0.71	0.04/-0.71	-0.87/-0.58	-0.42/-0.83	-1.37/-2.04	-2.53/-2.79	-1.96/0.8	1.73/1.56	0.29/1.44	-1.66/-1.29	-0.76/-0.07	0.62/1.13	0.87/0.27	-0.76/-2.91	-4.18/-3.7	-1.94/-1.45	-1.48/-1.17	-1.16/-1.59
r1=(130°)	-0.33/0.36	0.52/-0.03	0.06/0.32	0.81/-0.11	-1.76/-2.38	-2.54/-2.94	-2.06/-0.12	1.12/0.15	-1.28/-1.67	-0.47/0.13	-0.17/0.15	-0.16/0.24	0.4/0.34	-0.05/-1.32	-2.07/-2.36	-1.14/-0.73	-0.87/-0.9	-1.05/-1.06
r1=(140°)	-1.87/-1.13	-0.86/-1.63	-1.24/-0.74	-1.99/-3	-4.44/-4.27	-4.67/-4.63	-2.79/-0.81	0.06/-0.36	-1.71/-2.31	-1.58/-1.2	-0.99/-1.97	-2.15/-1.36	-0.91/-0.53	-0.83/-1.21	-1.13/-1.65	-2.15/-2.2	-2.49/-3.25	-3.21/-2.59
r1=(150°)	-2.3/-2.45	-2.8/-2.58	-2.16/-2.05	-1.65/-3.15	-3.87/-4.19	-4.28/-4.24	-3.38/-2.21	-1.4/-2.05	-3.46/-4.46	-3.32/-1.43	-1.18/-0.96	-0.39/-0.14	0.17/0.23	0.34/0.08	-0.78/-2.51	-4.81/-4.72	-7.36/-6.72	-5.07/-2.9
r1=(160°)	-3.21/-3.06	-2.25/-1.48	-0.94/-0.66	-0.59/-1.15	-1.68/-2.34	-3.66/-5.59	-6/-5.16	-4.53/-5.11	-6.11/-5.46	-3.3/-1.84	-0.91/-0.77	-0.39/-0.02	-0.04/-0.26	-0.81/-1.28	-2.31/-3.97	-6/-7.98	-8.38/-7.07	-5.21/-3.84
r1=(170°)	-3.25/-1.93	-1.07/-0.57	-0.55/-0.9	-1.8/-2.91	-4.27/-5.44	-6.73/-7.06	-8.22/-9.46	-10.49/-10.13	-8.58/-5.9	-4.06/-3.14	-2.82/-3.15	-0.39/-3.48	-3.72/-4.52	-5.19/-5.77	-6.65/-7.3	-7.81/-8.47	-8.43/-7.53	-6.03/-4.41
r1=(180°)	-3.65/-2.84	-2.87/-2.24	-2.91/-3.9	-5.07/-6.16	-6.91/-7.65	-8.11/-8.77	-9.09/-10.14	-11.01/-9.45	-7.82/-5.97	-4.56/-4.1	-3.93/-3.82	-4.1/-4.78	-5.05/-5.26	-5.73/-6.27	-7.15/-8.33	-8.97/-9.52	-9.3/-7.58	-6/-4.68
Freq(Hz)	2.45G(Pol.	Theta=	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DG(dBi)	θ(0°)/θ(15°)	θ(30°)/θ(30°)	θ(45°)/θ(50°)	θ(60°)/θ(70°)	θ(80°)/θ(90°)	θ(100°)/θ(110°)	θ(120°)/θ(130°)	θ(140°)/θ(150°)	θ(160°)/θ(170°)	θ(180°)/θ(190°)	θ(200°)/θ(210°)	θ(220°)/θ(230°)	θ(240°)/θ(250°)	θ(260°)/θ(270°)	θ(280°)/θ(290°)	θ(300°)/θ(310°)	θ(320°)/θ(330°)	θ(340°)/θ(350°)
r1=(0°)	-2.8/-5.52	-6.77/-5.38	-3.78/-2.01	-0.05/1.09	2.04/2.73	3.17/3.54	3.74/3.87	3.62/3.12	2.06/0.46	-1.93/-5.26	-7.91/-6.86	-4.58/-1.84	-0.17/1.04	2.01/2.77	3.42/3.73	3.79/3.55	2.99/2.09	0.9/-0.62
r1=(10°)	-2.26/-5.1	-5.94/-4.07	-2.01/-0.99	1.07/2.15	2.89/3.42	3.66/3.87	3.95/3.97	3.66/3.06	2.07/0.42	-1.52/-4.96	-7.11/-6.04	-3.68/-1.6	0.14/1.38	2.31/2.98	3.51/3.67	3.68/3.49	3.06/2.33	1.28/-0.13
r1=(20°)	-1.49/-3.05	-4.12/-2.62	-0.65/0.82	1.78/2.67	3.32/3.75	3.97/4.11	4.14/4.06	3.79/3.29	2.24/0.78	-1.34/-3.84	-6.04/-4.08	-2.07/0.09	1.44/2.57	3.44/4.01	4.14/3.78	3.44/3.07	2.67/2.32	1.65/0.32
r1=(30°)	-1.1/-2.16	-1.75/-0.53	0.21/1.01	1.86/2.74	3.5/3.8	4.11/4.08	3.99/3.95	3.79/3.31	2.46/0.97	-1.06/-3.57	-3.77/-2.67	-0.11/1.59	2.56/3.42	4.12/4.63	4.48/4.07	3.21/2.19	1.42/0.96	0.7/0.07
r1=(40°)	-0.5/0.19	0.5/1.12	1.05/1.08	1.76/2.37	2.74/2.11	3.43/3.37	3.16/3.29	3.54/3.48	3.16/1.76	-1.27/-3.99	-3.87/-1.75	0.55/2.11	2.55/2.84	2.82/2.1	3/2.3	2.41/1.4	0.5/-0.33	-0.61/-0.81
r1=(50°)	-0.53/1.19	1.94/1.27	0.89/1.03	1.75/2	2.35/2.76	2.55/2.73	2.54/2.73	3.44/3.94	3.59/2.15	-0.21/-1.71	-1.85/-0.83	0.64/1.79	2.39/2.33	2.14/2.04	2.78/2.09	2.17/1.69	0.79/-0.49	-1.69/-1.33
r1=(60°)	0.8/2.26	2.7/0.76	-0.76/-0.12	1.26/2.02	2.88/3.54	3.41/2.88	2.31/1.76	2.69/3.82	3.92/3	2.11/1.28	1.14/0.73	0.79/1.73	3.31/3.98	3.89/2.16	2.88/2.16	1.98/2.24	0.73/-1.14	-2.22/-2.98
r1=(70°)	1.43/2.91	2.95/0.37	-1.7/-3.01	1.07/2.95	3.22/3.62	3.01/1.9	-0.09/-0.96	0.44/2.92	3.48/3.41	2.16/1.46	1.65/1.66	1.71/1.39	2.52/2.73	2.13/1.04	0.18/0.12	0.1/0.2	-0.23/-0.92	-2.92/-0.68
r1=(80°)	1.42/3.14	2.88/-0.08	-1.48/1.72	3.37/3.53	3.14/2.41	2.16/1.83	0.74/-0.45	-0.31/1.44	2.68/3.35	2.17/0.88	0.78/1.52	1.14/-0.13	-0.18/0.16	-0.13/-0.92	-0.46/0.22	0.2/0.77	0.36/-0.48	-1.52/-1.56
r1=(90°)	2.56/4.13	3.52/0.37	-2.36/0.62	2.1/2.29	1.63/2.05	3.15/3.22	2.16/1.03	0.62/1.8	3.27/3.76	1.81/0.42	0.45/0.98	-0.77/-3.02	-1.28/0.61	0.29/-0.26	0.31/0.7	0.56/0.43	0.76/-0.24	-1.31/-0.66
r1=(100°)	2.7/3.65	3.09/0.5	-1.63/0.56	1.47/2.05	1.81/2.54	3.28/3.02	2.41/1.83	0.54/2.3	3.32/.86	1.44/-0.33	-0.42/-0.09	-1.54/-1.41	-1.17/0.42	0.42/0.57	0.65/0.2	-0.02/-1.25	0.64/1.41	0.73/0.38
r1=(110°)	1.75/3.76	3.63/1.36	-2.06/-1.17	-0.24/0.51	1.35/2.4	2.47/1.85	1.24/0.44	0.16/1.94	2.86/2.58	2.38/0.66	0.23/0.59	0.47/-1.02	-4.26/-2.74	-2.21/-0.9	-0.32/-0.95	-0.62/-2.05	-1.67/-0.05	-0.5/-0.66
r1=(120°)	0.04/2.27	2.49/0.95	-2.44/-2.52	-1.55/-1.44	-0.78/0.24	0.82/0.95	1.05/0.66	0.66/2.27	3.01/3.77	3.21/0.87	-0.18/0.17	0.91/-1.12	-5.4/-7.09	-4.89/-1.69	-0.6/-1.41	-1.23/-1.01	-2/-3.76	-1.61/-2.46
r1=(130°)	-1.3/0.87	0.87/-0.32	-3.42/-5.44	-3.73/-3.14	-1.92/-0.4	0.44/1.12	1.15/0.89	1.61/2.6	2.94/2.38	1.22/0.29	0.86/1.38	-1.28/-0.51	-2.65/-4.02	-4.81/-2.46	-1.02/-1.06	-2.24/-4.02	-4.21/-4.4	-5.14/-4.2
r1=(140°)	-2.11/-1.05	-1.02/-2.32	-4.49/-4.75	-5.36/-2.88	-1.73/-1.76	-1.01/0.08	-1.91/1.69	2.21/1.92	1.28/0.35	-0.53/-1.03	-1.79/-2.13	-2.89/-3.61	-2.73/-4.29	-3.78/-5.18	-3.8/-2.03	-1.83/-1.32	-1.4/-2.4	-3.98/-4.1
r1=(150°)	-1.16/-1.26	-2.39/-4.3	-6.07/-8.09	-6.65/-5.1	-4.15/-3.35	-2/-0.42	1.08/1.69	1.67/1.55	0.9/-0.06	-1/-2.95	-4.91/-6.21	-5.97/-5.3	-6.59/-4.73	-4.7/-4.37	-3.4/-2.11	-1.09/-0.56	-0.79/-1.52	-2.42/-2.2
r1=(160°)	-3.19/-3.15	-4.09/-6.3	-6.17/-8.32	-6.74/-6.17	-3.77/-2.54	-1.21/-0.28	0.07/-0.29	-0.89/-1.01	-1.37/-2.16	-3.92/-6.31	-6.58/-8.44	-6.33/-6.44	-6.03/-5.46	-4.88/-4.19	-3.51/-3.29	-3.68/-3.89	-4.02/-3.61	-3.33/-4.41
r1=(170°)	-5.99/-7.09	-7.3/-7.21	-7.34/-6.67	-6.48/-5.64	-5.01/-4.22	-3.34/-3.11	-3.07/-2.74	-2.61/-2.66	-2.83/-4.18	-5.87/-8.5	-9.84/-9.76	-9.62/-9.21	-9.41/-10.49	-10.09/-8.54	-7.3/-6.39	-4.45/-4.23	-4.62/-5.35	
r1=(180°)	-5.39/-7.29	-8.69/-9.67	-9.98/-10.1	-8.78/-8.19	-6.57/-5.66	-4.8/-4.06	-3.23/-3.03	-3.02/-3.18	-3.83/-4.93	-6.45/-7.86	-8.35/-8.94	-9.54/-8.96	-8.17/-7.3	-5.88/-5.05	-4.04/-3.1	-2.72/-2.73	-2.87/-3.19	-3.42/-4.3
Freq(Hz)	5.2G(Pol.	Phi=	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DG(dBi)	θ(0°)/θ(15°)	θ(30°)/θ(30°)	θ(45°)/θ(50°)	θ(60°)/θ(70°)	θ(80°)/θ(90°)	θ(100°)/θ(110°)	θ(120°)/θ(130°)	θ(140°)/θ(150°)	θ(160°)/θ(170°)	θ(180°)/θ(190°)	θ(200°)/θ(210°)	θ(220°)/θ(230°)	θ(240°)/θ(250°)	θ(260°)/θ(270°)	θ(280°)/θ(290°)	θ(300°)/θ(310°)	θ(320°)/θ(330°)	θ(340°)/θ(350°)
r1=(0°)	-0.51/0.11	0.97/1.15	0.96/0.51	0.13/-0.35	-1.36/-2.56	-4.19/-4.98	-6.06/-6.87	-4.95/-2.97	-1.66/-0.83	-2.21/0.2	0.66/.59	0.72/0.62	0.16/-0.6	-2.12/-3.63	-5.67/-7.59	-7.68/-6.6	-4.69/-3.49	-2.31/-1.19
r1=(10°)	-0.74/-0.18	0.25/0.92	0.88/0.67	0.14/-0.36	-1.29/-2.16	-3.3/-5.52	-7.56/-6.9	-3.35/-2.01	-1.05/0.07	1.09/1.72	2.12/.36	2.45/2.27	1.66/0.83	-0.39/-1.37	-3.67/-5.64	-5.78/-4.87	-4.44/-3.98	-2.99/-1.46
r1=(20°)	-0.27/0.6	0.93/0.74	0.1/-0.89	-1.63/-2.83	-3.35/-3.46	-5.02/-7.01	-7.33/-6.69	-4.71/-1.34	-1.43/0.03	0.87/1.39	2.35/2.6	2.32/1.68	0.69/-0.11	-1.04/-2.4	-3.48/-3.34	-3.94/-3.45	-2.55/-1.71	-1.28/-1.06
r1=(30°)	0.81/1.36	1.66/1.23	0.51/-0.24	-1.15/-1.49	-2.42/-3.45	-4.13/-5.42	-5.71/-4.29	-2.76/-0.65	0.39/0.6	1.38/2.59	3.16/3.36	3.01/2.28	1.37/0.74	-0.85/-3.84	-5.79/-4.15	-3.64/-2.91	-1.02/.07	1.1/1.24
r1=(40°)	2.24/2.39	2.75/2.33	1.29/0.23	-0.28/-0.77	-2.05/-3.34	-2.86/-3.42	-6.73/-6.8	-2.56/-0.52	0.77/0.56	1.33/1.89	2.58/2.78	2.02/0.5	-0.27/-1.88	-3.97/-5.12	-6.39/-5.82	-3.97/-3.03	-0.95/-0.05	1.22/2.21
r1=(50°)	2.19/2.21	2.73/2.19	2.28/1.75	0.65/-0.62	-2.59/-6.6	-8.92/-8.69	-10.76/-8.45	-2.91/-1.93	-0.87/0.39	1.52/1.51	1.65/0.7	-0.14/-0.06	-1.09/-1.83	-4.05/-5.91	-5.51/-4.59	-4.5/-3.95	-2.69/-0.32	1.41/1.77
r1=(60°)	1.26/1.93	2.29/1.97	1.92/1.67	0.03/-2.7	-4.91/-7.22	-5.74/-7.83	-10.31/-8.07	-2.83/-1.94	-1.07/-0.12	0.82/1.13	0.78/0.58	0.25/-0.54	-1.33/-2.83	-3.61/-5.3	-7.36/-7.19	-5.75/-2.43	-1.31/-1.11	0.62/1.09
r1=(70°)	0.65/1.23	2.09/2.11	2.42/1.34	-0.11/-3.47	-6.28/-7.43	-9.98/-11.42	-9.12/-5.87	-2.79/-1.93	-1.06/-1.75	-1.66/0.09	-1.09/-0.33	0.56/0.3	-1.17/-2.32	-2.86/-3.03	-6.46/-6.97	-9/-3.24	0.1/-0.6	-0.6/-0.39
r1=(80°)	-0.36/-0.11	1.3/1.14	0.97/-0.35	-1.71/-4.04	-6.8/-7.74	-7.12/-6.51	-6.23/-4.4	-3.53/-2.64	-2.8/-1.8	-2.79/-0.15	-1.33/-0.99	0.56/0.34	-2.64/-1.28	-0.87/-2	-4.3/-7.52	-8.32/-3.7	-1.2/-0.36	-0.21/-0.64
r1=(90°)	-0.66/-0.38	-0.33/-0.66	-1.05/-2.24	-3.55/-5.25	-5.9/-6.62	-6.25/-5.85	-5.09/-6.32	-4.64/-2.13	-2.39/-2.51	-2.14/-1.59	-3.07/-2.8	-1.91/-1.6	-1.9/-2.25	-3.29/-3.33	-6.47/-6.37	-6.59/-3.51	-1.72/-0.52	0.1/-0.39
r1=(100°)	-0.57/-1.44	-1.51/-1.43	-2.5/-3.92	-4.57/-4.72	-6.99/-7.46	-9.27/-8.79	-6.66/-5.87	-4.07/-1.91	-1.97/-1.66	-1.07/-1.9	-2.47/-5.62	-4.04/-4.32	-1.7/-1.81	-2.78/-2.67	-7.89/-10.22	-6.92/-5.22	-2.05/-0.92	-1.82/-1.54
r1=(110°)	-0.1/-0.94	-1.15/-1.79	-1.97/-3.4	-3.8/-3.26	-3.91/-4.79	-5.26/-7.07	-7.5/-6.86	-4.22/-1.44	-2.78/-1.97	-0.34/0.3	0.08/-2.92	-4.47/-4.96	-2.55/-2.6	-4.08/-3.52	-7.5/-9.44	-8.34/-7.07	-2.25/-2.43	-2.41/-1.37
r1=(120°)	0.62/0.21	-0.53/-0.78	0.36/-2.47	-4.5/-3.18	-4.1/-4.71	-3.93/-6.04	-8.55/-7.32	-4.52/-2.39	-1.52/-0.95	-1.13/0.13	0.68/-3.75	-5.36/-2.94	-3.44/-4.54	-7.18/-5.78	-8.9/-9.4	-10.86/-7.27	-2.7/-2.45	-0.35/-41
r1=(130°)	-0.42/-0.47	0.33/-2.03	-1.05/-1.5	-3.06/-4.33	-4.5/-5.74	-6.99/-7.88	-8.13/-6.86	-5.78/-3.9	-2.46/-2.45	-3.68/-1.16	-2.29/-3.28	-3.07/-0.14	-2.2/-4.3	-10.39/-9.55	-8.53/-6.85	-8.31/-8.17	-6.62/-5.29	-1.77/0.36
r1=(140°)	-0.96/-1.29	0.88/-0.66	-2.43/-1.96	-2.68/-4.36	-7.26/-8.04	-7.99/-8.13	-9.27/-7.66	-4.55/-3.13	-4.07/-4.48	-3.65/-3.23	-3.9/-2.61	-3.9/-3.14	-3.57/-5.33	-9.92/-9.48	-8.87/-7.37	-6.61/-5.91	-5.54/-6.24	-3.57/-0.96
r1=(150°)	-3.79/-2.81	-2.4/-2.46	-1.66/-1.69	-3.75/-5.66	-6.27/-7.34	-8.51/-8.87	-7.26/-6.13	-5.67/-5.05	-3.27/-3.2	-1.01/-2.06	-4.93/-3.82	-3.9/-4.72	-8.8/-10	-9.36/-9.14	-10.59/-10.27	-11/-8.67	-5.64/-4.3	-4.88/-4.03
r1=(160°)	-4.93/-4.75	-4.09/-4.4	-5.01/-4.43	-3.92/-4.37	-6.56/-6.34	-9.3/-9.74	-9.99/-10.14	-9.41/-7.98	-6.74/-5.84	-3.82/-3.84	-6.51/-8.45	-8.18/-9.19	-10.71/-10.14	-9.22/-9.17	-9.42/-10.84	-11.9/-9.56	-7.1/-5.37	-5.95/-5.79
r1=(170°)	-4.93/-5.53	-4.81/-5.64	-7.17/-7.68	-8.43/-9.06	-10.72/-11.27	-9.66/-10.89	-10.72/-10.97	-10.14/-10.14	-9.36/-8.79	-8.14/-10.17	-11.72/-13.26	-9.97/-11.42	-11.77/-11.64	-10.45/-11.29	-10.53/-9.84	-8.46/-7.22	-11.95/-10.7	-8.48/-5.96
r1=(180°)	-11.04/-10.38	-10.44/-10.45	-11.01/-12.05	-10.89/-10.98	-10.86/-9.63	-9.64/-11.67	-11.96/-11.86	-11.36/-11.74	-11.62/-12.18	-11.82/-12.28	-12.84/-12.8	-12.68/-13.01	-13.38/-12.94	-12.77/-13.23	-13.09/-12.61	-12.59/-13.08	-12.22/-12.58	-12.34/-10.96
Freq(Hz)	5.2G(Pol.	Theta=	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DG(dBi)	θ(0°)/θ(15°)	θ(30°)/θ(30°)	θ(45°)/θ(50°)	θ(60°)/θ(70°)	θ(80°)/θ(90°)	θ(100°)/θ(110°)	θ(120°)/θ(130°)	θ(140°)/θ(150°)	θ(160°)/θ(170°)	θ(180°)/θ(190°)	θ(200°)/θ(210°)	θ(220°)/θ(230°)	θ(240°)/θ(250°)	θ(260°)/θ(270°)	θ(280°)/θ(290°)	θ(300°)/θ(310°)	θ(320°)/θ(330°)	θ(340°)/θ(350°)
r1=(0°)	-3.93/-1.96	-6.58/-7.71	-6.89/-5.08	-3.46/-2.49	-1.42/-0.48	-2.22/0.04	0.48/0.68	0.33/-0.03	-0.63/-1.6	-2.95/-5.01	-6.78/-7.24	-6.36/-4.25	-2.77/-2.19	-1.6/-0.75	-0.32/-0.13	0.19/0.28	0.12/-0.34	-1.43/-2.51
r1=(10°)	-4.69/-5.77	-6.68/-7.1	-6.83/-4.83	-3.16/-2.1	-1.44/0.1	1.1/0.87	1.1/1.6	1.7/1.03	0.28/-0.96	-2.81/-4.76	-6.07/-6.82	-3.01/-1.54	-0.12/0.77	0.87/0.53	0.57/0.6	0.4/-0.38	-0.85/-1.77	-2.57/-3.71
r1=(20°)	-3.8/-4.64	-4.54/-4.22	-3.4/-2.39	-1.66/-1.55	-1.9/-1.61	-0.83/-0.47	-0.4/-0.04	0.18/-0.68	-1.59/-1.97	-2.8/-4.27	-5.1/-4.49	-1.86/0.51	1.77/2.46	3.06/3.07	2.87/2.44	2.05/1.27	0.81/0.41	-1.54/-2.44
r1=(30°)	-2.53/-2.92	-3.9/-3.48	-2.04/-1.13	-0.84/-0.49	-0.84/-0.75	-0.13/0.6	1.31/1.36	0.84/0.2	0.12/0.4	-0.86/-4.51	-5.21/-2.49	0.06/1.51	1.42/1.73	2.83/3.5	3.01/2.88	3.01/2.59	2.07/1.13	-0.66/-1.88
r1=(40°)	-1.28/-2.19	-1.9/-1.59	0.18/0.19	1.02/0.72	1.03/0.15	-0.52/-0.4	0.36/0.38	0.3/-1.63	-1.66/-0.15	0.3/-1.63	-5.82/-3.15	-0.5/0.24	0.94/1.68	1.67/2.44	2.31/1.8	1.37/2.03	1.7/0.96	0.32/-0.34
r1=(50°)	-1.14/-1.07	-0.09/0.56	1.01/1.22	1.54/1.53	1.24/0.67	0/0.26	0.97/1.7	0.86/-2.08	-0.37/0.92	1.04/-0.52	-0.29/-1.71	-1.67/-1.13	-0.54/0.86	1.7/2.13	2.67/2.87	2.44/2.46	2.45/0.91	0.56/0.4
r1=(60°)	-1.25/-0.22	0.17/1.15	1.53/1.55	1.95/2.38	2.33/1.65	0.43/0.12	-0.18/0.38	1.56/-1.4	-0.42/0.8	0.59/-0.12	-0.32/0.76	1.53/2.38	1.94/1.43	1.67/2.65	2.6/2.15	1.86/1.91	2.94/1.5	1.76/0.62
r1=(70°)	-0.82/0.04	1.32/19	1.94/2.46	2.65/1.28	0.97/1.39	1.42/0.83	0.53/0.09	1.17/-1.14	0.5/1.05	1.96/.34	0.46/.65	2.76/4.45	3.68/2.8	2.53/2.72	2.91/2.34	1.49/0.75	2.13/1.01	1.87/0.97
r1=(80°)	-0.06/0.02	0.7/1.38	0.94/1.45	1.94/1.18	0.48/0.21	0.25/0.91	-0.29/-0.29	1.68/-0.93	0.58/1.24	1.96/1.34	0.82/1.63	3.54/.02	4.23/3.05	3.13/2.72	2.81/1.95	-0.32/0.67	1.69/1.42	1.34/0.33
r1=(90°)	0.51/-0.99	0.68/1.54	0.28/2.02	1.68/0.31	-0.07/0.38	0.25/0.42	-0.14/-0.94	1.28/-1.62	-0.03/2.07	1.61/1.84	0.71/0.67	2.51/3.58	2.92/1.96	1.42/0.84	0.05/1.36	-0.88/-0.79	-0.45/0.32	0.48/-0.78
r1=(100°)	0.22/-1.12	1.25/1.41	0.44/0.13	1.09/-0.92	-1.24/-1.14	-0.9/-0.66	0.12/1.2	0.7/-0.78	-0.17/0.93	2.29/2.25	0.27/-0.89	0.77/2.33	0.31/0.42	-1.04/-1.37	-2.58/-0.09	-1.57/-2.98	-1.12/-1.09	-0.36/-1.08
r1=(110°)	-0.86/-1.29	0.1/0.25	-0.79/-2.58	-1.44/-2.08	-1.42/-1.66	-1.28/-0.72	-0.35/0.19	-0.03/-1.4	-0.47/-0.24	2.07/1.03	-1.15/-3.84	-0.57/0.43	-1.62/-2.75	-1.87/-5.34	-3.38/-2.76	-5.83/-4.05	-2.64/-1.14	-0.99/-0.3
r1=(120°)	-2.64/-3.53	-1.84/-2.18	-4.2/-4.25	-3.45/-1.48	-1.3/-2.36	-2.87/-0.7	-0.62/-1.72	-0.98/-0.79	-0.38/-1.67	0.71/0.92	-1.95/-4.38	-1.59/-1.52	-6.49/-4.66	-2.33/-7.33	-5.31/-4.37	-2.36/-0.43	-0.1/-1.39	
r1=(130°)	-3.81/-2.16	-3.01/-3.78	-4.54/-5.5	-3.59/-3.06	-2.58/-3.31	-2.28/-1.22	-1.79/-3.09	-2.96/-3.58	-4.01/-2.61	-2.28/-2.22	-3.95/-4.66	-2.1/-4.1	-2.08/-3.95	-3.83/-3.49	-2.3/-1.79	-2.28/-2.27	-4.87/-2.59	-2.25/-2.97
r1=(140°)	-4.87/-4.16	-4.57/-3.96	-3.78/-5.57	-6.24/-5.03	-4.29/-3.28	-2.88/-2.37	-2.3/-3.53	-2.93/-2	-3.14/-3.67	-1.92/-3.19	-5.16/-6.62	-8.52/-7.33	-4.76/-3.66	-4.74/-6.1	-6.95/-4.02	-4.25/-2.89	-2.99/-4.06	-3.79/-4.91
r1=(150°)	-7.01/-7.32	-6.16/-6.2	-6.62/-8.05	-8.19/-6.78	-4.86/-4.18	-4.33/-5.01	-5.56/-4.68	-2.53/-0.66	-0.84/-2.47	-2.86/-5.42	-8.91/-9.54	-8.8/-8.79

Gain Result

Freq(Hz)	2.4GPoL	PhiAxt. 1	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	0(0°)/9(10°)	0(20°)/9(30°)	0(40°)/9(50°)	0(60°)/9(70°)	0(80°)/9(90°)	0(100°)/9(110°)	0(120°)/9(130°)	0(140°)/9(150°)	0(160°)/9(170°)	0(180°)/9(190°)	0(200°)/9(210°)	0(220°)/9(230°)	0(240°)/9(250°)	0(260°)/9(270°)	0(280°)/9(290°)	0(300°)/9(310°)	0(320°)/9(330°)	0(340°)/9(350°)
0 (0°)	-14.72/-12.74	-11.62/-10.69	-10.3/-9.79	-9.69/-8.58	-8.63/-9.39	-11.69/-15.41	-20.25/-19.06	-19.47/-20.25	-19.73/-17.57	-15.41/-13.71	-12.27/-10.99	-9.58/-8.49	-7.9/-7.03	-7.17/-8.51	-10.76/-14.43	-19.5/-19.07	-19.41/-16.48	
1 (10°)	-15.78/-14.76	-13.56/-12.27	-11.12/-9.46	-8.09/-7	-6.5/-7.06	-8.87/-11.11	-12.53/-13	-13.59/-16.26	-20.21/-18.95	-14.67/-11.18	-9.17/-7.94	-6.97/-6.39	-6.46/-6.73	-7.92/-10.29	-13.46/-15.09	-14.58/-13.94	-14.09/-14.33	-15.17/-15.42
2 (20°)	-16.18/-14.74	-14.2/-11.97	-8.48/-7.47	-6.68/-5.15	-5.12/-6.25	-8.29/-10.18	-15.53/-10.19	-19.33/-13.05	-17.19/-19.2	-14.39/-9.94	-7.34/-5.96	-5.49/-5.63	-6.46/-7.68	-8.99/-10.44	-10.53/-9.55	-7.22/-7.21	-7.94/-9.55	-11.71/-13.31
3 (30°)	-14.76/-16.51	-13.48/-7.37	-7.98/-6.47	-5.29/-5.36	-6.31/7.83	-10.19/-11.3	-10.74/-10.75	-11.81/-14.75	-18.05/-13.64	-9.03/-6.11	-4.29/-3.31	-3.13/-3.81	-5.5/-7.97	-9.7/-10.91	-10.19/-7.97	-6/-5.28	-5.63/-6.82	-9.09/-11.17
4 (40°)	-13.78/-14.3	-12.06/-9.24	-8.1/-5.98	-6.81/-6.55	-7.91/-9.32	-11.14/-12.81	-13.43/-14.97	-20.29/-19.79	-15.41/-10.65	-7.66/-5.58	-3.85/-2.48	-1.97/-2.38	-3.91/-5.93	-7.9/-9.95	-10.03/-7.53	-5.29/-4.47	-5.01/-6.46	-7.78/-10.3
5 (50°)	-15.48/-15.5	-13.31/-9.43	-7.31/-5.86	-5.65/-6.43	-8.67/-12.57	-18.99/-20.36	-19.26/-19.78	-18.38/-17.18	-15.49/-12.99	-9.74/-7.26	-5.31/-4.08	-3.84/-4.74	-6.12/-7.35	-8.36/-10.26	-12.26/-11.24	-9.27/-7.94	-8.06/-9.36	-10.61/-12.18
6 (60°)	-12.56/-12.56	-10.96/-8.66	-7.42/-6.53	-6.72/-9.07	-14.31/-18.07	-18.96/-14.13	-13.17/-14.61	-19.18/-19.49	-17.89/-14.3	-11.63/-9.79	-8.79/-7.99	-8.2/-9.43	-11.09/-11.72	-10.39/-8.57	-7.26/-7.04	-8.43/-10.96	-12.25/-11.88	-12.63/-13.24
7 (70°)	-12.35/-11.97	-11.68/-10.6	-10.39/-9.37	-9.52/-13.14	-19.9/-18.94	-14.56/-12.44	-12/-13.5	-13.67/-10.87	-10.65/-11.32	-11.5/-11.35	-9.64/-8.49	-8.86/-10.42	-12.93/-17.07	-19.51/-11.68	-6.67/-4.47	-3.95/-5.41	-6.87/-10.5	-11.1/-11.84
8 (80°)	-12.14/-11.49	-11.77/-11.89	-12.24/-11.57	-12.72/-20.62	-17.65/-13.25	-12.98/-12.3	-11.29/-10.42	-8.46/-6.98	-7.43/-8.68	-10.58/-10.96	-8.34/-6.66	-7.27/-7.6	-6.84/-7.15	-8.43/-9.04	-7.21/-6.31	-6.17/-7.14	-9.93/-13.07	-12.76/-11.9
9 (90°)	-11.3/-10.1	-10.76/-11.93	-13.91/-14.23	-16.05/-18.69	-14.51/-9.92	-8.76/-8.71	-8.94/-8.92	-7.93/-7.52	-17.46/-16.29	-12.69/-11.6	-7.07/-7.27	-5.81/-8.72	-7.07/-7.27	-8.07/-8.38	-8.23/-9.45	-12.24/-13.86	-14.32/-13.69	-12.42/-12.02
10 (100°)	-14.53/-12.39	-13.27/-11.61	-16.1/-18.39	-18.66/-19.23	-12.7/-9.25	-7.97/-7.76	-8.12/-8.46	-8.62/-9.36	-15.04/-13.15	-17.18/-16.75	-12.09/-8.63	-8.76/-10.96	-12.09/-8.63	-13.31/-12.26	-12.17/-14.2	-17.04/-16.58	-12.85/-10.32	-11.46/-10.2
11 (110°)	-15.66/-12.35	-12.61/-14.58	-15.68/-17.92	-20.23/-19.23	-15.19/-10.96	-9.79/-10.29	-11.28/-10.37	-15.41/-12.91	-12.11/-12.38	-9.09/-8.81	-9.01/-11.94	-10.09/-11	-9.09/-8.81	-12.89/-10.93	-19.02/-19.09	-18.7/-12.89	-11.56/-14.48	-17.02/-18.87
12 (120°)	-19.59/-18.93	-18.6/-18.94	-18.68/-16.96	-17.72/-19.24	-12.3/-10.56	-9.1/-7.88	-7.97/-9.53	-15.07/-20.1	-18.02/-14.55	-15.24/-19.79	-18.53/-18.96	-19.73/-14.81	-15.42/-11.08	-10.45/-10.06	-12.81/-12.54	-11.23/-10.98	-9.98/-11.93	-14.63/-16.3
13 (130°)	-14.43/-15.9	-17.33/-18.91	-16.44/-13.87	-12.38/-11.72	-10.91/-9.24	-10.14/-11.96	-14.36/-19.8	-20.05/-18.69	-19.93/-18.55	-20.41/-16.03	-19/-19.35	-15.42/-11.08	-8.09/-7.46	-7.59/-6.09	-4.89/-5.63	-7.91/-12.63	-18.54/-16.4	
14 (140°)	-14.04/-14.95	-17.19/-20.25	-18.04/-12.42	-10.98/-9.09	-8.28/-8.25	-9.08/-10.51	-12.64/-14.47	-17.8/-19.22	-18.9/-19.94	-15.19/-13.58	-11.44/-11.12	-13.41/-20.02	-16.42/-11.15	-8.87/-8.59	-8.26/-6.44	-4.83/-5.1	-7.87/-13.68	-19.26/-15.57
15 (150°)	-12.05/-12.78	-13.87/-14.52	-14.69/-12.48	-10.04/-8.64	-7.84/-7.98	-8.62/-8.92	-9.6/-11.16	-13.91/-18.71	-20.06/-17.63	-13.3/-11.37	-11.09/-11.78	-11.96/-10.83	-8.67/-7.23	-8.48/-7.02	-7.89/-8.97	-8.41/-10.54	-14.86/-18.99	-18.41/-13.2
16 (160°)	-10.95/-11.56	-12.24/-12.34	-12.09/-11.09	-9.09/-9.04	-7.81/-6.98	-6.91/-7.44	-8.72/-10.9	-12.92/-14.54	-15.73/-15.63	-14.89/-15.03	-17.73/-18.99	-15.97/-10.91	-7.91/-6.44	-6.07/-6.3	-7.07/-8.83	-10.78/-14.32	-19.18/-19.37	-14.56/-12.06
17 (170°)	-9.11/-8.95	-9.36/-9.36	-9.82/-9.69	-9.47/-8.92	-9.05/-8.34	-13.27/-15.36	-17.08/-19.38	-19.5/-18.19	-17.02/-17.54	-14.85/-12.03	-10.17/-9.43	-9.45/-9.75	-10.58/-11.47	-12.78/-14.58	-16/-14.2	-11.79/-10.3		
18 (180°)	-9.29/-8.56	-8.89/-9.03	-9.82/-10.11	-10.69/-11.85	-14.77/-18.66	-18.3/-19.1	-15.53/-14.69	-15.76/-16.75	-15.93/-14.33	-12.64/-12.42	-12.6/-14.07	-16.68/-18.77	-19.37/-19.79	-19.78/-19.05	-18.84/-18.7	-19.88/-14.98	-12.47/-10.66	
Freq(Hz)	2.4GPoL	ThetaAxt. 1	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	0(0°)/9(10°)	0(20°)/9(30°)	0(40°)/9(50°)	0(60°)/9(70°)	0(80°)/9(90°)	0(100°)/9(110°)	0(120°)/9(130°)	0(140°)/9(150°)	0(160°)/9(170°)	0(180°)/9(190°)	0(200°)/9(210°)	0(220°)/9(230°)	0(240°)/9(250°)	0(260°)/9(270°)	0(280°)/9(290°)	0(300°)/9(310°)	0(320°)/9(330°)	0(340°)/9(350°)
0 (0°)	-12.68/-12.95	-12.96/-13.31	-15.78/-19.48	-20.16/-19.65	-17.57/-16.17	-14.52/-12.31	-10.29/-9.3	-8.49/-8.59	-9.51/-10.61	-11.79/-13.3	-15.65/-18.54	-19.6/-19.35	-19.46/-18.39	-15.36/-12.39	-9.86/-8.63	-8.06/-8.43	-9.16/-10.32	-11.75/-12.58
1 (10°)	-9.57/-8.9	-8.54/-8.64	-8.99/-10.79	-12/-13.8	-14.36/-14.65	-14.77/-11.98	-9.72/-7.91	-6.71/-6.53	-8.47/-11.58	-15.62/-18.52	-16.35/-11.42	-8.65/-6.72	-5.34/-4.43	-3.68/-3.75	-4.3/-5.56	-5.9/-6.75	-7.67/-8.49	
2 (20°)	-5.54/-5.33	-5.27/-5.37	-6.25/-8.18	-10.4/-11.16	-9.53/-8.14	-7.62/-6.51	-6.29/-4.15	-3.4/-3.03	-3.33/-4.05	-5.57/-8.02	-11.39/-11.78	-7.54/-4.23	-2.37/-1.18	-0.56/-0.36	-0.6/-1.38	-2.27/-3.35	-4.2/-4.8	-5.39/-5.69
3 (30°)	-3.11/-2.17	-2.12/-3.08	-5.34/-8.55	-10.43/-8.25	-6.27/-4.9	-3.87/-3	-2.31/-1.79	-1.31/-1.05	-0.97/-1.45	-3.04/-5.55	-7.11/-5.2	-2.8/-0.99	-0.14/0.11	0.11/-0.18	-0.79/-1.83	-3.31/-4.91	-6.05/-6.23	-5.67/-4.49
4 (40°)	-2.17/-0.88	-0.72/-1.96	-4.6/-7.64	-9.5/-4.68	-3.32/-2.37	-1.87/-1.39	-1.03/-0.5	0.09/0.62	1.15/1.06	-0.21/-2.03	-2.76/-1.78	-0.47/0.34	0.12/-0.73	-1.67/-2.64	-3.51/-4.55	-5.76/-7.2	-8.09/-8.35	-7.2/-4.75
5 (50°)	-2.28/-0.25	-0.32/-1.72	-3.86/-4.1	-3.07/-1.92	-0.97/-0.33	-0.09/-0.26	-0.36/0.08	1.18/1.91	2.19/2.04	0.79/-0.76	-0.73/0.22	0.85/0.81	-0.06/-0.72	-1.33/-2.38	-3.39/-4.12	-5.06/-5.99	-6.68/-7.1	-7.51/-5.02
6 (60°)	-0.64/0.65	0.29/-2.62	-4.23/-2.78	-1.3/-0.28	0.53/1.46	1.09/0.82	0.65/1.21	2.56/2.85	2.97/3.1	1.17/2.05	0.77/1.15	1.95/1.23	0.76/0.11	-1.37/-3.42	-5.38/-6.91	-6.34/-6.57	-6.93/-8.21	-7.54/-3.16
7 (70°)	-0.52/1.05	0.94/-2.32	-4.14/-2.73	-1.14/0.44	0.89/1.15	1.09/0.85	0.33/-0.33	0.94/2.49	3.44/4.2	2.85/0.75	0.22/0.8	1.18/0.61	-0.94/-3.02	-5.53/-9.56	-17.73/-19.23	-15.2/-8.28	-5.85/-6.04	-12.99/-4.48
8 (80°)	-0.6/-0.78	0.5/-2.75	-4.96/-1.98	0.33/1.7	2.21/1.83	1.32/0.8	0.36/-0.09	0.94/2.1	3.36/4.3	2.43/0.34	-0.84/-0.13	-0.52/-3.62	-9.04/-11.6	-13.82/-16.68	-9.69/-7.12	-5.59/-2.52	-1.78/-2.29	-4.75/-5.02
9 (90°)	-0.15/1.32	1.13/-1.58	-6.11/-4.35	-1.24/1.23	1.91/1.96	1.94/1.78	1.07/-0.01	0.38/2.01	4.13/4.06	1.27/-1.14	-2.1/-1.62	-4.95/-8.36	-5.54/-3.39	-4.87/-5.06	-3.64/-3.23	-3.47/-1.91	-0.01/-1.93	-4.29/-5.3
10 (100°)	-0.51/1.21	0.81/-1.26	-4.91/-3.88	-2.33/1.23	2.59/2.85	2.78/1.98	-0.11/-1.04	0.22/1.85	3.08/1.61	-0.41/-2.28	-2.88/-1.9	-4.35/-2.31	-1.81/-1.1	-3.02/-2.7	-2.59/-3.83	-3.99/-4.91	-1.11/-1.56	-3.23/-5.71
11 (110°)	-1.69/1.57	1.83/0.38	-4.16/-3.74	-2.91/0.21	2.32/2.68	1.99/0.2	-1.53/-1.04	-0.86/0.29	0.73/-0.12	0.46/-1.69	-0.91/-0.43	-1.19/-1.49	-2.94/-2.99	-4.41/-2.78	-2.22/-4.01	-4.53/-7.43	-4.52/-2.54	-3.96/-6.16
12 (120°)	-4.79/-1.17	0.22/0.19	-3.28/-3.29	-2.44/-1.47	0.38/0.85	0.06/-1.68	-2.44/-2.54	-1.95/0.13	1.08/1.64	1.29/-1.88	-1.82/-0.95	-1.24/-3.04	-7.34/-9.9	-10.27/-13.69	-4.01/-5.28	-6.01/-7.61	-8.91/-5.41	-5.07/-7.37
13 (130°)	-6.29/-3.3	-2.57/-2.29	-5.09/-5.99	-2.67/-1.41	-0.96/-1.55	-1.86/-2.78	-2.74/-2.16	-2.45/-3.89	-0.74/-0.16	-2.29/-2.95	-1.25/-1.11	-2.09/-4.46	-8.94/-10.81	-10.82/-7.96	-4.46/-7.12	-7.75/-7.91	-8.04/-7.79	-9.39/-9.04
14 (140°)	-4.55/-4.63	-4.55/-4.63	-6.71/-7.79	-6.26/-9.74	-6.36/-4.11	-5.04/-5.15	-7.41/-5.88	-2.72/-1.02	-2.72/-3.27	-4.79/-5.55	-2.71/-1.14	-6.97/-7.75	-12.29/-18.98	-18.66/-20.05	-9.41/-14.23	-8.13/-8.15	-14.66/-10.78	-14.17/-13.07
15 (150°)	-10.8/-21	-11.16/-11.1	-11.51/-13.65	-13.09/-11.04	-11.09/-11.08	-10.32/-10.34	-9.86/-10.06	-13.79/-12.29	-12.76/-16.35	-17.6/-18.18	-19.3/-18.17	-19.34/-19.41	-16.92/-19.4	-19.41/-19.12	-16.66/-16.06	-19.72/-20.09	-18.68/-18.81	-19.99/-18.02
16 (160°)	-19.86/-19.91	-18.82/-19.59	-17.11/-16.06	-14.99/-13.11	-12.12/-12.38	-13.49/-14.18	-13.77/-14.74	-15.53/-13.08	-13.15/-18.07	-19.11/-18.55	-18.17/-19.9	-19.6/-19.08	-19.42/-20.13	-19.52/-19.61	-19.04/-19.09	-19.54/-14.75	-17.68/-18.51	-17.8/-19.79
17 (170°)	-20.42/-19.78	-18.22/-19.62	-19.18/-19.88	-19.88/-18.63	-19.41/-17.9	-19.17/-19.34	-13.84/-12.31	-14.64/-17.66	-19.28/-18.11	-18.74/-19.4	-19.29/-19.93	-19.56/-19.61	-18.91/-19.97	-18.83/-18.86	-18.24/-16.75	-17.27/-19.91	-18.02/-17.35	-18.04/-19.44
Freq(Hz)	2.45GPol.	PhiAxt. 2	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	0(0°)/9(10°)	0(20°)/9(30°)	0(40°)/9(50°)	0(60°)/9(70°)	0(80°)/9(90°)	0(100°)/9(110°)	0(120°)/9(130°)	0(140°)/9(150°)	0(160°)/9(170°)	0(180°)/9(190°)	0(200°)/9(210°)	0(220°)/9(230°)	0(240°)/9(250°)	0(260°)/9(270°)	0(280°)/9(290°)	0(300°)/9(310°)	0(320°)/9(330°)	0(340°)/9(350°)
0 (0°)	2.2/2.77	3.06/3.18	3.09/2.63	1.88/0.72	-1.01/-3.38	-1/-3.11	-1.64/-1.62	-4.39/-1.97	-0.02/1.19	2.15/2.74	3.17/3.28	2.96/2.4	1.61/0.22	-1.68/-4.03	-7.89/-13.46	-13.24/-7.89	-4.25/-1.69	0.03/1.33
1 (10°)	2.5/3.2	3.94/2.83	3.53/3.07	2.3/1.22	-0.6/-3.15	-6.91/-13.45	-14.01/-7.75	-3.8/-1.43	0.31/1.26	2.02/2.53	2.66/2.37	1.93/1.33	0.4/-0.91	-2.91/-5.48	-9.33/-13.42	-12.44/-7.76	-4.28/-1.69	0.01/1.4
2 (20°)	2.21/2.24	2.67/2.72	2.41/2.72	1.76/0.5	-1.34/-3.88	-7.58/-14.43	-17.22/-9.28	-4.72/-1.86	0.17/1.53	2.33/2.69	2.64/2.38	1.76/1.12	0.36/-0.87	-2.84/-5.47	-8.53/-9.46	-8.71/-7.29	-6.53/-3.26	-1.18/2.77
3 (30°)	2.18/2.5	2.96/2.89	2.17/2.19	1.12/-0.09	-1.78/-4	-6.71/-11.56	-19.72/-10.65	-8.1/-3.81	-0.68/1.48	2.41/2.87	2.86/2.41	2.09/1.56	0.87/-0.14	-1.61/-4.1	-6.59/-7.29	-6.35/-5.93	-6.64/-5.9	-2.79/2.12
4 (40°)	2.46/2.56	2.92/2.9	2.24/1.6	0.83/-0.12	-1.39/-3.26	-6.11/-7.18	-9.54/-11.24	-11.65/-8.37	-4.32/-1.03	1.27/1.97	2.36/2.2	2.01/1.81	1.06/0.22	-1.15/-3.16	-6.65/-10.1	-8.44/-8.37	-6.95/-7.77	-3.86/0.06
5 (50°)	1.44/1.75	0.82/0.31	0.64/0.94	0.46/-0.77	-2.79/-5.44	-7.87/-8.96	-8.03/-5.78	-4.46/-3.84	-2.76/-0.85	0.66/1.27	1.23/1.14	1.3/1.15	0.16/-0.83	-2.23/-4.39	-8.06/-13.92	-10.34/-6.74	-7.01/-8.45	-4.77/-0.57
6 (60°)	0.22/0.09	-0.48/0.09	0.71/0.7	-0.33/-2.52	-5.77/-10.22	-14.03/-14.3	-11.46/-7.29	-3.6/-1.62	0.05/1.47	2.46/2.65	2.14/1.36	1.07/0.96	0.61/-0.16	-1.86/-4.16	-8.65/-19.52	-11.96/-6.33	-6.72/-10.61	-6.01/-1.45
7 (70°)	-2.18/-2.43	-2.11/-1.5	-1.69/-2.92	-5.57/-8.91	-11.98/-14.46	-17.07/-16.39	-12.59/-7.92	-4.53/-2.21	-0.31/-66	2.82/2.96	2.53/1.76	1.35/0.93	0.66/-0.2	-1.73/-4.55	-10.39/-12.54	-7.33/-5.22	-6.4/-10.54	-5.74/-2.77
8 (80°)	-3.27/-3.97	-3.84/-3.65	-4.23/-5.18	-5.43/-5.47	-6.62/-10.14	-15.44/-18.44	-19.73/-11.75	-6.28/-2.7	-1.08/0.69	1.55/1.49	1.47/1.97	2.32/1.9	0.53/-1.51	-4.15/-7.96	-15.43/-16.37	-8.77/-7.6	-9.3/-8.96	-5.08/-3.31
9 (90°)	-4.49/-4.53	-5.13/-5.42	-5.86/-6.02	-5.78/-5.67	-7.59/-12.94	-16.91/-15.26	-16.01/-10.23	-5.02/-1.85	-0.54/1.13	2.21/1.82	0.72/1.23	2.24/2.62	1.8/-0.17	-3.51/-7.97	-13.04/-18.68	-9.97/-5.79	-6.16/-8.41	-8.68/-6.02
10 (100°)	-5.78/-6.42	-7.15/-6.19	-5.55/-6.43	-7.98/-9.32	-11.6/-14.57	-15.64/-8.73	-10.64/-8.13	-8.81/-8.12	-6.62/1.29	-3.86/-1.81	-3.04/2.92	1.39/0.68	2.61/1.4	-1.18/-5.71	-10.77/-11.96	-8.15/-9.67	-6.96/-10.42	-8.84/-6.63
11 (110°)	-6.71/-7.26	-8.71/-7.26	-6.72/-7.68	-9.97/-12.47	-13.73/-11.12	-8.92/-5.7	-6.62/-6.4	-5.63/-4.6	-2.07/1.32	1.7/0.73	-2.28/-1.46	1.72/1.79	1.37/0.16	-2.2/-6.57	-13.92/-15.9	-11.79/-6.76	-8.82/-10.92	-7.5/-6.69
12 (120°)	-11.18/-10.21	-10.24/-13.79	-15.14/-12.78	-13.65/-18.69	-19.31/-10.04	-5.68/-4.28	-3.44/-1.31	-0.41/0	0.84/1.88	1.37/0.06	-0.25/0.15	0.92/0.48	-0.06/-2.14	-5.49/-11.23	-12.09/-9.5	-7.29/-7.3	-11.13/-15.84	-13.39/-11.45
13 (130°)	-6.7/-5.98	-7.77/-15.06	-18.16/-10.57	-9.84/-13.63	-19/-12.15	-7.02/-4.97	-2.77/-0.73	-0.12/-0.5	-0.15/0.87	1.5/1.54	0.97/0.22	-0.49/-0.27	-1.54/-3.97	-8.96/-19.54	-18.98/-17.81	-14.46/-12.64	-10.87/-9.31	-8.8/-7.86
14 (140°)	-9.9/-8.86	-10.72/-18.9	-15.81/-9.25	-8.54/-11.16	-19.38/-16.95	-10.26/-6.35	-3.42/-1.83	-1.29/-1.67	-1.95/-1.04	-0.27/-0.46	-1.23/-2.76	-4.19/-4.62	-6.54/-9.6	-16.38/-19.75	-12.84/-10.23	-9.17/-8.09	-8.26/-10.19	-11.75/-11.36
15 (150°)	-12.11/-14.76	-19.73/-19.38	-13.9/-10.13	-9.84/-12.27	-15.59/-12.58	-8.69/-6	-4.61/-3.81	-3.69/-3.55	-3.42/-2.92	-2.01/-1.48	-1.43/-1.04	-1.56/-3.23	-4.63/-5.95	-6.35/-6.15	-6.29/-7.28	-8.36/-9.96	-13.98/-18.91	-15.79/-11.52
16 (160°)	-8.82/-8.64	-8.65/-8.63	-8.79/-9.19	-9.74/-10.34	-10.07/-9.13	-8.39/-7.9	-7.69/-7.47	-6.69/-6.16	-5.5/-5.47	-3.51/-2.67	-1.58/-1.47	-1.53/-2.53	-3.47/-5.05	-6.73/-7.46	-8.62/-9.96	-11.14/-12.06	-13.37/-13.59	-11.79/-9.3
17 (170°)	-8.81/-5.81	-5.25/-4.88	-5.24/-5.99	-6.98/-8.41	-9.4/-10.33	-11.91/-13.29	-14.26/-14.02	-12.34/-10.34	-8.8/-7.16	-6.1/-5.32	-5.08/-5.7	-6.27/-7.72	-9.26/-12.5	-15.46/-17.47	-19.51/-18.72	-19.5/-19.57	-17.27/-14.41	-10.9/-8.3
18 (180°)	-8.41/-8.02	-7.32/-7.67	-8.44/-9.78	-11.27/-13.17	-14.42/-15.98	-18.85/-18.91	-19.38/-19.36	-18.19/-15.13	-12.54/-11.13	-10.03/-9.64	-9.7/-9.62	-10.15/-11.86	-13.97/-15.69	-19.13/-19.6	-17.17/-19.45	-19.17/-19.6	-20.5/-19.16	-16.77/-13.78
Freq(Hz)	2.45GPol.	ThetaAxt. 2	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	0(0°)/9(10°)	0(20°)/9(30°)	0(40°)/9(50°)	0(60°)/9(70°)	0(80°)/9(90°)	0(100°)/9(110°)	0(120°)/9(130°)	0(140°)/9(150°)	0(160°)/9(170°)	0(180°)/9(190°)	0(200°)/9(210°)	0(220°)/9(230°)	0(240°)/9(250°)	0(260°)/9(270°)	0(280°)/9(290°)	0(300°)/9(310°)	0(320°)/9(330°)	0(340°)/9(350°)
0 (0°)	-10.51/-9.2	-12.49/-11.36	-11.56/-10.06	-9.62/-10.07	-10.07/-9.64	-8.93/-9.22	-9.45/-10.89	-12.09/-11.85	-11.66/-12.5	-12.94/-13.13	-12.11/-11.48	-11.09/-9.67	-8.71/-9.76	-10.75/-9.63	-9.37/-10.6	-11.43/-11.26	-12.25/-13.14	-13.09/-13.92
1 (10°)	-13.8/-11.56	-9.59/-8.52	-7.58/-6.49	-6.58/-6.55	-6.43/-6.41	-6.49/-7.03	-7.44/-7.51	-7.79/-8.26	-8.01/-8.37	-9.45/-9.52	-10.27/-10.2	-10.14/-11.17	-11.52/-10.26	-10.55/-12.87	-15.26/-17.76	-19.83/-19.76	-19.05/-18.3	-15.02/-14.17
2 (20°)	-9.68/-8.84	-6.81/-6.12	-5.82/-5.48	-6.52/-7.98	-9.72/-11.62	-11.79/-10.72	-11.4/-11.07	-8.33/-6.7	-6.41/-5.9	-6.99/-7	-8.2/-8.98	-8.38/-7.75	-8.57/-9.63	-11.22/-14.21	-16.87/-17.56	-15.31/-14.17	-13.48/-12.52	-11.38/-9.34
3 (30°)	-6.41/-6.2	-5.2/-4.83	-3.96/-4.27	-5.63/-7.21	-8.49/-9.7	-7.23/-5.95	-6.02/-6.9	-7.69/-7.14	-6.5/-4.74	-4.51/-4.9	-8.12/-8.95	-8.87/-8.46	-11.66/-14.28	-14.39/-16.51	-16/-12.19	-20.09/-15.74	-16.93/-9.23	-8.54/-7.4
4 (40°)	-5.13/-5.23	-3.07/-1.84	-1.14/-1.08	-3.16/-5.13	-5.79/-5.13	-5.27/-3.27	-3.27/-2.7	-4.85/-4.56	-4.87/-3.17	-4.82/-5.92	-8.62/-9.92	-8.14/-10.43	-14.14/-13.48	-14.85/-13.16	-16.1/-12.96	-13.31/-11.85	-9.16/-10.12	-7.98/-6.66
5 (50°)	-5.35/-5.16	-3.09/-0.75	0.16/1.19	0.58/-1.61	-3.33/-2.57	-2/-0.55	0.12/-1.12	-4.54/-5.97	-5.31/-3.55	-5.36/-7.89	-8.01/-8.54	-9.03/-9.56	-11.09/-11.43	-10.81/-8.37	-6.25/-6	-5.84/-4.23	-4.84/-8.19	-5.47/-6.87
6 (60°)	-5.74/-4.85	-2.05/-0.18	-0.04/1.43	0.62/-1.65	-1.6/-0.62	-0.22/0.46	0.79/-0.57	-1.24/-5.52	-3.04/-2.15	-4.42/-4.77	-4.63/-4.94	-3.6/-4.13	-5.25/-8.07	-8.92/-7.06	-5.44/-5.02	-6.46/-3.44	-2.5/-3.71	-4.51/-5.8
7 (70°)	-4.6/-4.5	-0.59/1.08	1.33/2.03	0.55/-1.23	-2.51/-1.06	0.6/0.36	0.96/0.36	-0.44/-2.19	-3.38/-0.24	-1.22/-3.69	-2.16/-2.5	-1.14/-1.58	-3.37/-4.35	-6.26/-8.14	-8.7/-9.52	-8.48/-7.02	-3.86/-2.83	-4.14/-4.14
8 (80°)	-5.49/-5.63	-1.25/0.37	0.68/1.65	1.11/0.69	1.25/1.69	1.79/1.73	0.96/0.84	1.1/-1.44	-2.54/0.38	-1.09/-2.66	-0.2/-0.73	-1.64/-2.11	-3.13/-4.23	-3.54/-5.33	-6.02/-10.42	-13.94/-11.56	-8.62/-3.88	-3.87/-3.9
9 (90°)	-4.12/-5.41	-0.94/0.7	0.22/1.08	0.96/1.16	1.77/2.34	2.39/2.21	1.62/1.47	1.3/-1.5	-1.2/0.72	-0.78/-0.18	0.01/-1.29	-1.53/-3.01	-3.93/-4.55	-4.51/-7.71	-6.8/-10.17	-10.45/-10.28	-7.59/-4.3	-3.99/-4.58
10 (100°)	-5.45/-5.36	-1.97/0.05	-0.15/0	1.17/1.39	1.79/2.4	2.43/1.97	2.22/2.28	1.22/-0.2	-0.37/0	0.75/0.98	0.28/-1.88	-1.37/-3.93	-3.26/-4.98	-5.64/-11.77	-13.89/-8.6	-9.12/-18.95	-19.82/-19.09	-6.53/-6.14
11 (110°)	-10.14/-7.21	-3.07/-1.51	-1.75/-0.66	-0.03/-0.02	0.67/1.75	2.4/2.05	1.33/1.63	1.03/-0.88	-0.33/-0.59	0.82/0.38	-0.4/-3.27	-2.88/-6.82	-9.47/-12.81	-11.23/-15.43	-11.39/-19.03	-8.65/-8.66	-7.66/-8.01	
12 (120°)	-8.34/-9.37	-5.66/-3.69	-4.15/-2.47	-1.32/-0.7	-0.57/-0.5	-0.26/0.51	1.05/0.31	-0.39/-2	-2.89/-2.37	-2.14/-1.56	-2.2/-4.53	-6.13/-10.2	-12.81/-15.49	-16.27/-18.02	-14.09/-18.12	-8.82/-7.8	-8.78/-8.89	
13 (130°)	-9.63/-7.12	-4.09/-4.72	-6.54/-4.52	-2.19/-1.71	-1.87/-1.16	-1.5/-0.45	-0.34/-1.24	-2.16/-4.8	-4.66/-3.87	-4.9/-3.75	-6.9/-10.25	-11.89/-9.38	-11.37/-16.21	-15.92/-20.27	-19.52/-20.27	-15.99/-20.1	-7.19/-9.5	-13.82/-12.4
14 (140°)	-10.81/-7.59	-8.07/-6.47	-6.55/-6.74	-5.15/-3.98	-3.47/-3.18	-3.38/-3.21	-3.09/-4.71	-5.61/-5.84	-6.75/-6.49	-5.7/-6.61	-8.19/-8.54	-10.64/-9.73	-14.63/-15.75	-18.05/-19.59	-19.68/-18.71	-14.9/-14.42	-16.28/-19.91	-15.11/-14.22
15 (150°)	-16.87/-11.85	-9.54/-7.67	-8.7/-8.45	-8.51/-7.69	-6.99/-5.81	-5.76/-5.

θ (140°)	-9.47/-12.85	-9.61/-10.03	-13.26/-13.49	-14.74/-20.1	-20.07/-18.16	-18.87/-16.82	-17.22/-11.05	-5.34/-3.74	-2.72/-4.17	-4.48/-2.69	-1.78/-2.13	-2.63/-1.96	-1.57/-6.27	-19.85/-14.39	-11.24/-12.81	-12.38/-11.63	-12.83/-19.41	-17.21/-13.18
θ (150°)	-12.38/-13.32	-19.42/-15.65	-11.31/-13.13	-20.19/-18.01	-15.71/-13.9	-11.09/-10.99	-10.16/-9.24	-7.18/-4.82	-2.45/-1.99	-1.86/-3.12	-4.84/-2.86	-1.48/-2.76	-9.79/-19.95	-19.93/-18.58	-19.13/-17.46	-19.01/-18.9	-16.31/-11.51	-15.49/-14.77
θ (160°)	-19.64/-17.41	-17.09/-20.17	-20.27/-13.18	-10.12/-10.11	-12.74/-16.34	-17.13/-17.85	-18.94/-18.9	-13.23/-3.62	-6.24/-8.68	-6.94/-8.43	-15.57/-19.48	-18.42/-18.94	-20/-18.38	-14.74/-14.38	-14.85/-12.48	-16.74/-18.83		
θ (170°)	-10.23/-19.64	-10.87/-17.89	-14.76/-14.66	-20.74/-18.82	-18.95/-20.23	-11.19/-18.7	-15.68/-16.29	-13.82/-12.24	-5.41/-16.13	-13.14/-17.43	-18.39/-19.91	-15.81/-14.65	-18.95/-19.82	-20.29/-19.74	-19.88/-17.85	-14.79/-12.57		
θ (180°)	-19.18/-17.76	-15.52/-13.87	-14.79/-15.77	-15.7/-15.79	-16.91/-17.21	-17.06/-17.45	-17.34/-18.22	-19.23/-23	-19.07/-18.78	-19.09/-19.86	-19.11/-20.01	-18.87/-20.08	-19.64/-18.21	-19.6/-18.91	-18.67/-17.13	-16.56/-14.12	-16.25/-16.12	-16.74/-18.5
Freq(Hz)	5.2GPol.	Theta/Ant. 2	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	θ(0°)/Φ(15°)	θ(30°)/Φ(30°)	θ(45°)/Φ(60°)	θ(80°)/Φ(70°)	θ(90°)/Φ(90°)	θ(100°)/Φ(110°)	θ(120°)/Φ(130°)	θ(140°)/Φ(150°)	θ(160°)/Φ(170°)	θ(180°)/Φ(190°)	θ(200°)/Φ(210°)	θ(220°)/Φ(230°)	θ(240°)/Φ(250°)	θ(260°)/Φ(270°)	θ(280°)/Φ(290°)	θ(300°)/Φ(310°)	θ(320°)/Φ(330°)	θ(340°)/Φ(350°)
θ (0°)	-5.87/-7.98	-11.39/-19.19	-18.92/-14.33	-8.91/-5.72	-6/-2.63	-2.21/-1.98	-1.42/-0.83	-0.69/-1.09	-2/-3.24	-5.52/-8.53	-13.05/-19.64	-16.58/-10.34	-6.64/-4.85	-3.46/-2.29	-1.59/-1.42	-1.29/-1.34	-1.47/-2.01	-3.04/-4.21
θ (10°)	-7.14/-8.79	-11.3/-16.11	-19.31/-18.18	-13.22/-8.78	-6.6/-4.64	-3.52/-2.93	-1.97/-1.34	-0.9/-1.14	-2.17/-3.99	-6.58/-10.16	-12.62/-11.6	-8.31/-4.94	-2.59/-1.65	-1.75/-1.62	-0.57/-0.03	-0.18/-1.17	-1.84/-2.94	-4.09/-5.43
θ (20°)	-7.2/-7.8	-9.17/-10.66	-10.44/-9.2	-9.19/-9.41	-8.8/-7.83	-7.57/-8.03	-7.54/-7.05	-6.6/-6.87	-7.46/-9.08	-10.35/-11.56	-13.22/-13.13	-9.59/-5.74	-3.93/-1.51	-0.1/0.68	0.11/1.34	2.08/1.52	0.21/-0.99	-3.02/-6.14
θ (30°)	-6.85/-8.39	-11.87/-12	-8.99/-6.95	-6.41/-6.91	-6.25/-5.07	-4.66/-4.83	-4.52/-4.63	-5.51/-7.39	-9.53/-12.47	-16.65/-19.04	-14.97/-9.62	-6.38/-3.38	-2.06/-0.94	0.25/0.96	1.01/1.16	0.75/-0.26	-1.2/-2.3	-4.34/-5.77
θ (40°)	-7.13/-9.79	-14.08/-13.54	-10.56/-9.66	-8.34/-8.6	-8.79/-7.23	-7.49/-8.06	-8.56/-9.29	-10.02/-12.74	-19.37/-19.66	-18.65/-19.89	-20.33/-7.86	-6.17/-5.08	-3.53/-1.51	-0.1/0.68	-0.23/-1.23	-1.51/-1.14	-0.79/-1.99	-4.39/-6.4
θ (50°)	-7.5/-10.01	-12.1/-15.23	-19.15/-16.85	-10.2/-7.47	-8.29/-9.95	-9.02/-6.76	-7.41/-10.08	-10.34/-11.83	-16.13/-16.1	-11.87/-16.26	-7.39/-5.62	-4.24/-3.03	-2.13/-2.92	-2.39/-2.06	-3.87/-3.35	-1.99/-1.76	-2.67/-3.87	
θ (60°)	-11.35/-8.55	-11.29/-14.37	-14.34/-16.85	-18.5/-13.94	-13.12/-12.74	-20.19/-18.64	-16.95/-14.82	-16.9/-11.2	-10.06/-9.39	-14.06/-13.66	-9.08/-4.93	-4.11/-1.83	-0.89/-0.63	-1.65/-0.49	-1.26/-2.88	-4.24/-4.35	-1.03/-2.17	-3.84/-4.86
θ (70°)	-15.18/-8.87	-19.16/-12.42	-16.17/-13	-12.83/-18.88	-19.31/-14.32	-10.27/-11.96	-12.8/-8.71	-11.98/-10.03	-5.44/-17.74	-9.91/-8.79	-5.09/-0.56	0.91/0.6	0.38/1.04	-0.29/-2.05	-5.11/-5.58	-3.26/-5.81	-0.92/-1.55	-3.26/-5.81
θ (80°)	-10.52/-11.7	-18.75/-14.79	-18.23/-12.17	-13.32/-13.56	-18.09/-14.44	-11.96/-10.99	-15.7/-9.87	-13.78/-9.16	-10/-6.06	-13.79/-10.7	-13.13/-12.72	-3.97/-0.52	1.06/0.87	0.64/0.49	-0.63/-3.3	-8.81/-5.21	-2.24/-2.85	-4.89/-14.92
θ (90°)	-7.89/-15.05	-18.62/-18.85	-18.14/-10.64	-13.77/-14.38	-19.17/-13.22	-13.59/-14.23	-14.9/-10.99	-13.29/-9.04	-11.7/-5.71	-10.62/-7.32	-7.9/-11.46	-6.31/-1.57	-0.79/-2.2	-3.76/-2.24	-4.69/-5.09	-12.46/-9.09	-4.33/-5.89	-10.49/-15.53
θ (100°)	-11.2/-16.67	-15.22/-19.51	-14.82/-16.1	-13.39/-14.42	-17.22/-16.76	-14.85/-11.79	-9.47/-3.17	-6.19/-7.89	-9.65/-7.74	-11.82/-8.74	-10.46/-3.75	-4.05/-6.31	-10.9/-6.82	-10.1/-13.44	-13.79/-13.53	-8.16/-10.74	-14.5/-11.8	
θ (110°)	-13.8/-15.65	-18.42/-20.03	-19.32/-19.54	-19.58/-19.46	-18.6/-20.06	-19.91/-14.15	-7.98/-6.39	-6.27/-5.94	-10.84/-9.96	-14.51/-9.89	-7.17/-18.9	-5.16/-7.81	-10.63/-6.88	-11.7/-8.28	-8.43/-17.02	-13.79/-19.56	-18.96/-19.51	-14.22/-16.37
θ (120°)	-16.47/-20.88	-16.67/-17.42	-19.3/-19.1	-19.23/-19.59	-14.63/-18.45	-20.01/-15.67	-8.62/-9.62	-4.75/-6.19	-14.91/-9.78	-7.69/-16.4	-5.93/-4.77	-7.71/-5.14	-10.45/-20.82	-15.71/-10.85	-17.26/-17.34	-13.62/-20.03	-16.56/-15.5	-16.18/-15.1
θ (130°)	-13.41/-19.11	-20.19/-17.38	-19.22/-18.07	-13.49/-16.14	-18.83/-19.62	-20.09/-9.93	-10.95/-11.01	-14.89/-8.64	-10.46/-10.88	-9.29/-11.16	-12.33/-11.11	-9.13/-18.19	-12.83/-11.53	-13.27/-7.62	-19.02/-19.01	-14.18/-11.57	-19.94/-19.03	
θ (140°)	-11.84/-16.49	-15.65/-15.8	-20.07/-20.26	-19.45/-19.73	-15.48/-11.19	-9.52/-7.38	-5.59/-5.79	-6.27/-5	-6.79/-13.66	-10.35/-7.58	-8.65/-16.1	-18.31/-17.33	-11.84/-12.75	-12.08/-7.12	-7.69/-15.98	-20.27/-11.16	-9.56/-19.21	-15.45/-14.29
θ (150°)	-12.72/-19.48	-17.34/-19.18	-19.29/-18.38	-17.29/-10.46	-10.07/-13.34	-13.69/-12.14	-10.04/-6.7	-3.99/-1.89	-2.66/-5.51	-6.25/-10.11	-14.5/-16.85	-15.4/-9.87	-11.89/-15.09	-9.44/-3.97	-4.15/-9.86	-11.86/-15.31	-10.29/-6.76	-6.45/-7.33
θ (160°)	-19.68/-16.35	-13.57/-13.75	-16.37/-20.06	-19.83/-14.17	-16.65/-18.68	-18.41/-13.48	-9.07/-6.16	-4.78/-4.94	-6/-6.46	-7.45/-10.3	-12.78/-14.31	-16.58/-18.09	-18.85/-18.56	-16.89/-10.5	-7.46/-7.2	-6.82/-7.97	-11.36/-18.31	-20.19/-19.85
θ (170°)	-11.05/-14.68	-19.77/-17.6	-14.81/-13.15	-14.27/-16.79	-19.57/-19.54	-19.57/-19.27	-19.57/-20.3	-19.34/-18.29	-15.29/-14.14	-13.35/-13.51	-14.84/-16.49	-18.57/-17.42	-11.69/-8.99	-8.42/-7.05	-6.07/-5.13	-5.47/-7.2	-9.13/-9.4	-10.35/-10.6
θ (180°)	-19.92/-16.89	-15.74/-17.27	-18.55/-19.32	-18.55/-18.84	-18.55/-18.79	-20.37/-19.37	-17.72/-17.81	-17.91/-19.2	-19.82/-18.76	-18.82/-18.76	-18.89/-18.98	-19.42/-19.97	-18.71/-19.13	-19.83/-19.49	-19.93/-19.57	-19.81/-16.97	-12.78/-15.36	-18.53/-19.81
Freq(Hz)	5.3GPol.	Pol/Ant. 2	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	θ(0°)/Φ(15°)	θ(30°)/Φ(30°)	θ(45°)/Φ(60°)	θ(80°)/Φ(70°)	θ(90°)/Φ(90°)	θ(100°)/Φ(110°)	θ(120°)/Φ(130°)	θ(140°)/Φ(150°)	θ(160°)/Φ(170°)	θ(180°)/Φ(190°)	θ(200°)/Φ(210°)	θ(220°)/Φ(230°)	θ(240°)/Φ(250°)	θ(260°)/Φ(270°)	θ(280°)/Φ(290°)	θ(300°)/Φ(310°)	θ(320°)/Φ(330°)	θ(340°)/Φ(350°)
θ (0°)	-2.49/-0.77	-0.93/-0.54	-0.83/-1.32	-1.66/-2.37	-3.16/-4.89	-2.31/-10.73	-10.74/-16.85	-16.63/-7.06	-4.83/-3.02	-1.85/-1.01	-0.77/-0.54	-0.13/-0.63	-1.64/-2.15	-2.44/-5.04	-2.79/-12.22	-20.21/-19.39	-4.26/-6.3	-4.71/-3.78
θ (10°)	-3.23/-2.06	-2.06/-2.42	-2.28/-2.39	-1.95/-2.7	-3.9/-6.29	-8.88/-12.28	-14.54/-10.44	-6.85/-4	-2.22/-0.54	0.3/0.3	0.19/0.09	-0.58/-1.33	-2.54/-3.82	-5.58/-7.43	-9.27/-13.37	-16.18/-15.74	-11.13/-8	-6.23/-4.87
θ (20°)	-3.92/-2.77	-2.15/-3.29	-4.29/-4.51	-3.99/-4.07	-4.38/-5.79	-7.97/-10.91	-15.22/-13.33	-11.18/-8.46	-5.21/-3	-2.39/-2.22	-1.93/-1.26	-0.99/-1.19	-1.5/-2.59	-4.82/-8.24	-11.54/-16.42	-18.17/-16.83	-12.72/-8.39	-6.93/-5.03
θ (30°)	-1.83/-1.51	-1.9/-2.53	-3.72/-5.24	-6.05/-7.23	-6.65/-6.25	-7.29/-11.47	-20.04/-11.19	-7.33/-5.46	-4.19/-3.27	-2.88/-1.2	0.76/1.4	1.45/0.71	-1.34/-4.63	-7.76/-11.96	-15.85/-18.67	-18.92/-14.19	-9.45/-4.97	-3.04/-2.25
θ (40°)	-0.1/0.5	0.42/0.67	0.04/-1.84	-5.83/-11.73	-10.18/-8.09	-9.73/-11.36	-17.25/-10.77	-5.64/-3.83	-3.99/-4.61	-4.52/-2.2	-0.02/0.36	-1.29/-3.72	-6.21/-6.42	-7.8/-11.65	-19.74/-15.02	-12.25/-11.1	-7.46/-3.63	-1.04/0.51
θ (50°)	0.95/0.81	1.96/1.86	1.65/-0.12	-3.73/-9.63	-14.53/-14.71	-17.61/-14.85	-13.53/-15.44	-9.21/-6.27	-3.62/-4.14	-3.12/0.82	1.54/0.48	-1.15/-1.96	-2.46/-2.91	-5.03/-8.66	-11.13/-10.79	-8.62/-8.49	-6.23/-1.96	0.02/0.81
θ (60°)	0.33/0.45	0.7/0.02	1.11/-0.62	-3.47/-7.13	-9.59/-8.45	-9.58/-11.6	-12.39/-9.5	-6.01/-6.44	-6.58/-4.39	-3.7/-0.32	1.36/1.01	0.1/-1.22	-2.62/-5.07	-9.46/-8.05	-14.32/-13.23	-10.27/-8.61	-6.83/-9.28	-1.67/-14.08
θ (70°)	-1.47/-0.34	-0.74/-0.79	-0.57/-2.08	-3.58/-6.21	-8.27/-9.4	-10.16/-16.73	-19.19/-9.29	-6.02/-6.07	-6.86/-7.28	-4.16/-1.6	-0.43/-0.88	0.07/0.08	-1.58/-2.68	-4.31/-6.53	-10.77/-8.51	-10.65/-13.73	-10.81/-8.51	-8.61/-12.54
θ (80°)	-3.19/-2.56	-3.68/-3.12	-3.68/-3.12	-5.98/-5	-8.16/-7.3	-9.42/-10.96	-12.85/-14.98	-10.94/-9.24	-8.42/-10.76	-6.32/-5.06	-1.52/-1.29	0.33/0.96	-0.22/-1.48	-4.81/-5.57	-9.81/-9.6	-9.44/-10.96	-6.21/-4.72	-1.53/-1.51
θ (90°)	-4.06/-6.81	-4.85/-5.79	-8.01/-6.68	-10.77/-15.86	-14.64/-12.58	-16.3/-17.77	-15.21/-7.15	-3.76/-3.24	-4.72/-7.43	-5.58/-3.03	-3.53/-2.4	-0.59/-1.04	-1.91/-3.03	-5.43/-7.02	-18.16/-16.76	-11.5/-5.83	-5.09/-5.14	-3.11/-3.14
θ (100°)	-6.52/-8.62	-5.62/-7.92	-11.08/-14.57	-15.49/-14.16	-18.41/-19.65	-19.85/-19.31	-19.13/-12.99	-6.23/-6.96	-5.4/-3.7	-3.46/-1.26	-2.59/-4.59	-3.79/-2.49	-9.93/-2.76	-16.34/-13.89	-7.16/-6.6	-9.59/-15.07	-13.93/-11.99	-7.08/-8.04
θ (110°)	-10.63/-11.43	-7.21/-9.58	-11.74/-18.68	-19.05/-16.99	-19.85/-19.24	-20.17/-18.57	-19.81/-12.91	-6.54/-5.1	-4.11/-3.01	-0.33/1.25	-0.33/-2.1	-2.69/-1.15	-0.84/-2.06	-4.77/-3.63	-12.9/-9.71	-11.53/-12.65	-6.59/-6.48	-8.2/-11.17
θ (120°)	-12.99/-13.63	-8.94/-7.27	-7.51/-12.74	-17.64/-19.3	-18.75/-19.5	-14.66/-19.15	-16.21/-10.04	-5.72/-4.77	-2.85/-0.82	0.27/2.97	1.91/-3.09	-2.48/-3.7	-3.71/-3.84	-11.02/-7.26	-19.42/-8.9	-13.72/-10.49	-9.58/-13.39	-16.15/-11.52
θ (130°)	-9.33/-14.51	-10.41/-13.83	-15.06/-10.56	-17.66/-19.37	-20.01/-19.86	-19.4/-19.61	-12.9/-10.73	-6.62/-5.84	-8.2/-4.23	-2.29/0.96	0.39/-3.54	-1.88/1.54	0.5/-1.89	-12.53/-10.63	-11.72/-7.82	-16.57/-10.75	-13.85/-11.23	-10.18/-11.71
θ (140°)	-11.07/-14.67	-9.29/-8.9	-12/-13.25	-12.67/-18.11	-19.66/-18.05	-17.5/-14.95	-16.6/-11.48	-4.87/-3.34	-3.78/-4.27	-4.27/-2.92	-2.45/-1.31	-1.62/-3.3	-1.6/-3.83	-10.56/-7.39	-10.32/-12.07	-10.94/-11.84	-15.25/-19.5	-16.75/-16
θ (150°)	-16.56/-15.23	-16.67/-12.91	-10.44/-14.68	-19.05/-11.52	-10.5/-12.02	-11.39/-11.47	-11.24/-9.66	-8.01/-5.41	-7.71/-10.53	-5.42/-3.32	-1.13/-1.82	-4.02/-11.95	-12.36/-11.76	-19.49/-19.55	-19.29/-18.32	-14.22/-10.32	-12.04/-14.99	-12.76/-12.27
θ (160°)	-18.4/-18.79	-19.73/-19.25	-16.33/-11.23	-8.36/-8.37	-10.88/-15.38	-17.31/-16.68	-14.98/-15.5	-14.71/-9.06	-5.99/-4.67	-3.88/-4.35	-4.86/-5.84	-4.93/-5.75	-9.97/-16.3	-20.34/-19.5	-19.03/-16.38	-17.38/-15.46	-16.15/-19.49	-16.75/-12.27
θ (170°)	-9.85/-8.56	-8.57/-9.71	-11.47/-14.19	-19.4/-19.84	-19.26/-19.65	-20.35/-19.94	-19.53/-17.76	-18.05/-17.67	-16.11/-17.4	-17.94/-16.95	-16.81/-20.16	-16.79/-17.12	-19.26/-16.96	-17.66/-18.61	-18.43/-19.51	-19.12/-18.82	-16.77/-14	-12.99/-11.42
θ (180°)	-20.73/-19.64	-20.05/-16.94	-15.84/-16.53	-16.73/-16.44	-15.18/-13.87	-14.21/-14.9	-16.21/-16.51	-17.32/-19.94	-18.91/-19.83	-19.17/-19.9	-19.88/-18.32	-19.98/-20	-17.65/-18.85	-19.89/-18.66	-19.05/-19.17	-19.04/-18.33	-19/-15.81	-16.05/-17.58
Freq(Hz)	5.3GPol.	Theta/Ant. 2	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	θ(0°)/Φ(15°)	θ(30°)/Φ(30°)	θ(45°)/Φ(60°)	θ(80°)/Φ(70°)	θ(90°)/Φ(90°)	θ(100°)/Φ(110°)	θ(120°)/Φ(130°)	θ(140°)/Φ(150°)	θ(160°)/Φ(170°)	θ(180°)/Φ(190°)	θ(200°)/Φ(210°)	θ(220°)/Φ(230°)	θ(240°)/Φ(250°)	θ(260°)/Φ(270°)	θ(280°)/Φ(290°)	θ(300°)/Φ(310°)	θ(320°)/Φ(330°)	θ(340°)/Φ(350°)
θ (0°)	-7.59/-11.36	-16.91/-19.34	-15.92/-10.79	-7.58/-5.52	-4.21/-2.99	-1.89/-0.9	-0.87/-1.11	-1.28/-2.01	-3.09/-4.68	-7.08/-10.29	-15.19/-19.44	-14.41/-10.36	-7.21/-4.79	-3.26/-2.34	-1.52/-0.9	-0.64/-0.83	-1.03/-2.05	-3.64/-5.48
θ (10°)	-7.94/-9.93	-13.19/-16.19	-19.72/-17.05	-11.04/-8.14	-5.71/-4.21	-2.56/-1.52	-1.01/-1.39	-1.56/-2.54	-4.04/-6.69	-10.45/-13.59	-11.87/-8.07	-5.79/-4.28	-3.89/-2.8	-1.52/-1.2	-1.65/-2.2	-2.04/-1.35	-1.59/-3.07	-4.53/-6.18
θ (20°)	-7.13/-8.62	-10.54/-12.07	-11.1/-9.62	-8.28/-8.23	-7.86/-6.91	-5.28/-4.51	-5.28/-6.64	-7.23/-7.38	-8.85/-11.64	-15.14/-13.18	-10.66/-7.62	-4.94/-2.51	-0.64/0.24	1.1/1.74	1.74/1.05	-0.01/-0.72	-2.18/-3.8	-6.12/-6.7
θ (30°)	-8.2/-10.37	-12.74/-12.12	-6.27/-7.31	-6.71/-6.39	-6.71/-6.43	-6.14/-7.39	-2.95/-4.76	-7.15/-8.42	-14.43/-11.99	-19.46/-19.97	-15.46/-6.38	-4.3/-2.6	-2.29/-2.11	-0.68/1.1	1.07/1.14	-0.53/-0.69	-1.13/-2.06	-4.37/-6.44
θ (40°)	-9.71/-15.19	-16.87/-14.43	-12.16/-10.19	-8.37/-6.96	-5.81/-6.1	-7.51/-9.5	-8.39/-7.12	-12.19/-18.87	-19.89/-19.24	-18.46/-19.18	-14.69/-8.05	-4.58/-3.76	-2.99/-1.26	-0.54/-0.84	-1.04/-0.77	-0.82/-1.7	-1.73/-2.48	-4.26/-5.88
θ (50°)	-12.4/-13.05	-13.81/-14.21	-11.76/-9.9	-6.59/-5.6	-5.44/-7.03	-7.99/-8.86	-10.26/-9.16	-11.41/-14.88	-18.54/-16.97	-14.42/-19.72	-11.89/-6.18	-6.03/-5.07	-2.79/-1.65	-0.77/-1.1	-0.48/-1.7	-2.83/-2.27	-2.09/-3.12	-3.87/-4.84
θ (60°)	-14.37/-9.15	-16.29/-13.49	-16.54/-11.62	-10.04/-7.26	-9.92/-12.92	-16.95/-15.89	-19.91/-19.39	-15.19/-18.09	-14.95/-12.63	-16.34/-12.77	-7.2/-4.55	-5.02/-3.72	-2.63/-1.87	-0.53/0.97	-1.13/-3.25	-1.99/-3.92	-2.64/-4.61	-3.63/-5.64
θ (70°)	-12.94/-8.82	-16.13/-9.8	-13.86/-18.8	-17.17/-20.21	-18.51/-17.36	-15.36/-14.64	-14.78/-10.9	-19.19/-14.39	-17.49/-16.15	-18.59/-10.22	-5.73/-6.01	-4.19/-0.73	-0.78/-0.34	0.21/1	-0.34/-0.63	-1.71/-5.75	-5.26/-5.23	-4.45/-7.59
θ (80°)	-14.86/-16.02	-17.05/-16.52	-19.51/-13.82	-15.58/-17.61	-19.16/-16.96	-13.44/-12.36	-17.13/-14.75	-15.06/-11.15	-13.85/-11.13	-19.89/-13.85	-9.51/-9.21	-3.51/-1.23	0.22/-0.69	0.09/0.08	-0.72/-2.84	-4.72/-4.99	-8.9/-8.99	-7.05/-12.01
θ (90°)	-10.63/-19.5	-20.49/-15.01	-16.66/-12.17	-13.05/-16.49	-19.69/-12.61	-9.85/-9.55	-10.57/-10.99	-12.75/-8.78	-11.93/-7.49	-10.56/-6.88	-6.82/-8.3	-4.98/-1.62	-1.38/-2.91	-3.86/-1.48	-4.6/-6.16	-6.71/-10.44	-13.33/-10.56	-12.94/-15.71
θ (100°)	-13.9/-12.03	-19.84/-11.62	-10.38/-13.38	-12.17/-14.13	-18.72/-19.8	-12.79/-8.25	-7.42/-3.89	-6.31/-7.54	-9.8/-10.34	-9.81/-7.5	-6.23/-3.82	-4.19/-7.09	-10.91/-6.84	-15.93/-10.77	-19.52/-18.77	-15.39/-13.47	-12.62/-14.95	-14.72/-13.74
θ (110°)	-14.67/-13	-19.26/-17.25	-16.51/-18.3	-8.12/-14.3	-20.01/-18.25	-20.41/-13.58	-7.64/-5.18	-14.24/-8.15	-13.72/-9.96	-8.14/-11.47	-13.96/-12.85	-20.53/-11.98	-18.31/-18.31	-7.68/-6.2	-11.58/-14.1	-16.36/-17.21	-14.2/-9.02	-9.32/-9.47
θ (120°)	-14.44/-16.27	-19.34/-20.02	-19.7/-18.48	-19.91/-11.7	-14.93/-18.54	-18.22/-10.31	-10.09/-7.97	-4.98/-3.26	-2.88/-5.09	-10.36/-4.77	-6.13/-12.87	-8.64/-7.2	-11.84/-18.91	-19.03/-13.09	-15.75/-16.69	-18.59/-19.55	-17.49/-18.86	-16.84/-15.02
θ (130°)	-13.58/-13.4	-13.27/-11.57	-14.86/-19.13	-12.44/-14.33	-16.97/-17.28	-7.18/-6.57	-9.81/-9.49	-10.56/-12.72	-12.11/-7.95	-10.5/-5.19	-7.81/-10.32	-8.33/-8.5	-10.25/-18.56	-13.08/-13.17	-11.89/-11.89	-17.95/-7.62	-17.39/-12.38	-17.75/-19.95
θ (140°)	-13.16/-15.41	-12.55/-10.48	-12.94/-17.34	-20.14/-16.51	-15.83/-10.64	-8.5/-6.37	-5.09/-5.41	-6.44/-6.82	-7.93/-12.02	-11.44/-7.23	-7.74/-16.5	-19.99/-18.24	-15.97/-12.25	-12.2/-8.22	-7.95/-19.26	-15.84/-11.61	-8.6/-15.31	-13.04/-12.77
θ (150°)	-9.84/-15.14	-17.78/-18.44	-18.73/-15.63	-12.57/-12.71	-10.71/-10.01	-11.66/-13.62	-10.49/-5.88	-3.22/-1.53	-2.19/-5.23	-6.62/-9.37	-10.95/-11.6	-16.58/-11.9	-12.59/-15.43	-9.87/-4.3	-3.19/-7.57	-16/-16.2	-11.28/-6.81	-5.16/-5.94
θ (160°)	-19.97/-16.63	-12.85/-15.04	-18.1/-19.86	-19.28/-17.63	-16.43/-16.44	-17.95/-14.16	-9.59/-6.19	-4.31/-4.77	-5.68/-6.09	-6.71/-6.19	-9.76/-10.16	-14.62/-16.83	-19.89/-18.88	-20/-11.49	-7.41/-6.16	-5.86/-7.12	-10.1/-17.73	-19.12/-19.97
θ (170°)	-9.2/-10.65	-13.26/-16.27	-16.23/-15.17	-15.88/-16.6	-20.4/-18.4	-19.6/-18.94	-19.53/-18.66	-15.73/-14.91	-14.36/-13.93	-13.82/-15.17	-15.09/-14.95	-17.46/-20.22	-17.61/-10.85	-8.25/-6.37	-5.78/-4.87	-4.82/-6.56	-8.47/-10.71	-11/-10.19
θ (180°)	-19.76/-19.69	-16.82/-15.78	-14.75/-17.52	-19.66/-19.6	-19.14/-19.25	-19.44/-20.01	-19.92/-19.3	-20.19/-19.61	-18.7/-20.27	-20.08/-19.98	-20.18/-18.51	-20.09/-19.02	-19.05/-19.44	-19.25/-19.25	-19.09/-20.21	-20.03/-15.5	-9.72/-10.54	-14.33/-19.7
Freq(Hz)	2.45GPol.	Pol/Ant. 3	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	θ(0°)/Φ(15°)	θ(30°)/Φ(30°)	θ(45°)/Φ(60°)	θ(80°)/Φ(70°)	θ(90°)/Φ(90°)	θ(100°)/Φ(110°)	θ(120°)/Φ(130°)	θ(140°)/Φ(150°)	θ(160°)/Φ(170°)	θ(180°)/Φ(190°)	θ(200°)/Φ(210°)	θ(220°)/Φ(230°)	θ(240°)/Φ(250°)	θ(260°)/Φ(270°)	θ(280°)/Φ(290°)	θ(300°)/Φ(310°)	θ(320°)/Φ(330°)	θ(340°)/Φ(350°)
θ (0°)	-3.35/-2.59	-2.36/-2.45	-2.4/-2.44	-2.44/-3.18	-4.32/-6.27	-7.9/-8.3	-7.2/-6.12	-5.09/-4.38	-3.42/-3.6	-2.87/-2.36	-2.19/-2.11	-2.07/-2.01	-2.21/-2.7	-3.64/-4.4	-4.84/-5	-4.9/-4.94	-5.11/-5.67	-5.46/-4.52
θ (10°)	-4.09/-2.62	-2.07/-1.93	-2.09/-2.38	-2.94/-4.49	-6.91/-9.06	-9.59/-9.89	-6.54/-5.13	-3.66/-2.8	-2.4/-2.39	-1.84/-1.73	-1.64/-1.74	-1.91/-2.05	-2.22/-2.66	-3.5/-4.1	-4.1/-5.66	-5.29/-5.9	-6.77/-7.87	-7.64/-6.09
θ (20°)	-4.27/-2.11	-1.18/-1.27	-1.5/-2.86	-4.59/-8.71	-12.41/-9.75	-6.98/-5.48	-4.7/-4.68	-4.08/-3.83	-2.79/-1.76	-1.02/-0.75	-0.83/-1.31	-1.78/-2.27	-3.19/-3.9	-4.73/-5.01	-4.82/-4.38	-4.15/-4.69	-6.29/-8.96	-10.53/-7.77
θ (30°)	-4.55/-2.08	-2.29/-2.89	-3.19/-6.72	-11.46/-11.43	-6.45/-3.72	-2.6/-2.58	-2.66/-3.66	-4.6/-4.02	-3.12/-2.28	-1.83/-1.33	-1.42/-1.7	-2.28/-3.62	-5.1/-6.18	-6.41/-5.58	-4.53/-3.79	-3.4/-3.75	-5.04/-7.92	-12.46/-9.73
θ (40°)	-4.91/-2.43	-1.97/-3.27	-6.92/-13.19	-8.46/-4	-1.72/-0.33	-0.88/-2.53	-5.25/-7.9	-8.94/-6.33	-5.25/-4.56	-4.3/-3.96	-3.51/-4.37	-6.16/-8.37	-9.99/-9.04	-8.14/-6.85	-6.36/-6.01	-6.28/-6.67	-7.26/-8.85	-10.96/-8.81
θ (50°)	-5.22/-3.48	-2.61/-4.3	-6.12/-9.65	-4.36/-1.99	-2.67/-6.01	-12.57/-19.54	-12.68/-8.14	-5.56/-5.03	-5.87/-4.65	-5.93/-10.78	-13.5/-13.07	-14.18/-8.98	-9.93/-10.78	-8.72/-8.17	-7.2/-6.68	-8.35/-8.23	-8.74/-7.27	-8.84/-8.54
θ (60°)	-5.68/-2.57	-3.53/-5.92	-7.76/-5.31	-2.64/-1.73	-2.11/-5.3	-9.69/-9.66	-2.11/-5.83	-5.95/-10.69	-7.96/-9.19	-12.56/-12.1	-13.59/-19.32	-7.23/-7.84	-13.19/-19.32	-16.18/-17.28	-10.11/-9.57	-6.13/-8.94	-5.58/-5.83	-6.31/-8.33
θ (70°)	-5.07/-3.13	-4.04/-6.61	-7.21/-5.71	-4.49/-6.51	-6.48/-18.38	-16.99/-15.28	-15.58/-16.1	-13.69/-7.97	-5.1/-3.8	-5.56/-10.32	-19.14/-18.6	-17.18/-14.54	-16.53/-18.14	-16.03/-11.45	-8.77/-7.76	-7.66/-7.69	-8.52/-12.35	-14.9/-9.78
θ (80°)	-8.33/-7.6	-6.94/-7.11	-8.51/-8.81	-7.38/-

θ (120°)	-4.67/-6.01	-6.96/-5.39	-7.84/-11.74	-14.21/-18.74	-13.47/-16.69	-13.02/-10.23	-13.23/-18.78	-14.33/-19.19	-8.44/-8.82	-0.56/-4.44	-19.49/-13.05	-19.87/-5.61	-1.52/-20.24	-4.19/-3.96	0.46/-3.79	-5.67/-1.85	0.71/-1.08
θ (130°)	-4.18/-7.32	-15.53/-8.05	-6.46/-12.04	-14.33/-12.1	-13.51/-17.59	-15.91/-14.53	-17.77/-19.27	-18.59/-14.86	-14.81/-9.01	-5.41/-9.9	-8.65/-11.02	-2.26/-10.59	-6.71/-1.95	-2.19/-19.64	-2.52/-1.6	0.6/-5.26	-3.58/-3.79	-1.23/-4.26
θ (140°)	-12.34/-7.33	-17.31/-12.2	-7.23/-9.04	-14.43/-13.5	-15.13/-16.27	-16.1/-19.81	-18.66/-17.15	-11.37/-9.07	-8.8/-6.6	-5.09/-10.01	-10.61/-11.26	-13.84/-14.99	-9.48/-3.51	-6.02/-18.92	-11.32/-4.94	-7.13/-8.3	-5.15/-5.1	-4.74/-7.91
θ (150°)	-16.51/-16.31	-17.26/-15.79	-16.79/-18.79	-18.1/-18.78	-15.76/-16.7	-11.61/-19.81	-17.84/-16.63	-15.76/-16.7	-8.53/-10.77	-4.7/-5.62	-6.32/-12.07	-15.83/-12.62	-18.68/-18.82	-18.89/-16.37	-12.15/-12.45	-13.99/-11.16	-8.8/-8.03	-10.65/-13.32
θ (160°)	-16.24/-19.26	-10.35/-17.88	-19.1/-19.4	-20.03/-19.83	-18.41/-19.35	-18.56/-17.53	-17.27/-17.22	-18.68/-17.15	-15.43/-12.98	-10.12/-10.84	-12.79/-17.51	-18.98/-19.18	-16.11/-13.93	-13.41/-15.1	-15.14/-15.56	-19.56/-19.57	-15.89/-14.28	-17.87/-17.16
θ (170°)	-20.38/-19.57	-18.14/-19.16	-18.31/-19.38	-18.94/-19.56	-19.47/-18.53	-18.9/-19.83	-19.09/-18.96	-19.28/-19.89	-19.82/-19.74	-20.28/-20.05	-18.81/-16.51	-13.99/-11.76	-11.33/-12.97	-13.32/-15.06	-15.17/-15.26	-13.62/-13.12	-15.65/-18.79	-20.05/-18.84
θ (180°)	-19.03/-18.92	-19.63/-17.67	-18.77/-19.65	-18.86/-19.2	-18.8/-19.16	-19.96/-18.31	-18.78/-18.9	-20.5/-19.69	-19.15/-19.05	-19/-19.92	-19.91/-18.78	-19.36/-20.16	-19.72/-19.11	-19.31/-20.1	-17.76/-19.94	-18.66/-18.57	-19.17/-19.81
Freq(Hz)	2.45G/Pol.	Pol/Ant: 4	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	θ(0°)/φ(10°)	θ(20°)/φ(30°)	θ(40°)/φ(50°)	θ(60°)/φ(70°)	θ(80°)/φ(90°)	θ(100°)/φ(110°)	θ(120°)/φ(130°)	θ(140°)/φ(150°)	θ(160°)/φ(170°)	θ(180°)/φ(190°)	θ(200°)/φ(210°)	θ(220°)/φ(230°)	θ(240°)/φ(250°)	θ(260°)/φ(270°)	θ(280°)/φ(290°)	θ(300°)/φ(310°)	θ(320°)/φ(330°)	θ(340°)/φ(350°)
θ (0°)	1.74/2.14	2.24/2.19	1.99/1.38	0.16/-1.3	-3.54/-6.88	-12.18/-18.63	-12.06/-6.53	-3.39/-1.28	0.05/1.03	1.55/1.83	2.12/1.98	1.7/0.99	-5.1/-1.6	-3.73/-4.99	-13.62/-19.32	-11.24/-6.5	-3.69/-1.66	0.06/1.01
θ (10°)	2.31/2.83	3/2.93	2.57/1.82	0.8/-0.78	-3.57/-5.98	-13.87/-19.44	-10.27/-4.91	-2.04/-0.41	0.56/1.29	1.51/1.56	1.47/1.24	0.76/0.15	-6.4/-1.36	-2.81/-4.45	-9.89/-19.6	-13.63/-7.69	-4.12/-1.88	-0.11/1.18
θ (20°)	2.55/3.4	3.66/3.37	3.39/2.91	2.1/0.48	-2.36/-5.81	-13.02/-19.08	-10.32/-5.41	-0.52/-0.58	-0.47/-0.27	0.03/0.16	-0.24/-0.15	-0.92/-1.42	-2.42/-4.37	-6.15/-17.01	-16.58/-8.53	-4.14/-1.68	0.22/1.66	
θ (30°)	2.23/2.89	3.26/3.21	3/2.4	1.85/1.6	-0.61/-4.38	-12.33/-20.08	-9.56/-5.64	-3.33/-1.96	-1.44/-1.21	-1.13/-1.11	-0.7/-0.18	0.23/0.42	-0.2/-1.19	-2.27/-4.92	-8.38/-16.8	-19/-11.9	-4.14/-2.22	-0.16/1.87
θ (40°)	2.27/3.08	3.44/3.43	3.11/2.31	2.17/0.7	-1.4/-4.69	-11.72/-15.32	-7.64/-5.2	-3.94/-3.09	-2.61/-2.44	-2.31/-2.21	-1.41/-0.5	0.05/0.01	-0.52/-1.7	-3.48/-5.99	-10.02/-19.96	-17.09/-8.19	-4.22/-1.84	-0.4/1.56
θ (50°)	3.51/4.43	4.67/4.31	3.97/2.86	1.66/0.01	-1.87/-5.51	-12.85/-19.78	-9.25/-6.01	-4.51/-2.99	-2.63/-2.86	-3.69/-3.31	-2.45/-1.57	-1.59/-2.04	-3.03/-3.74	-4.87/-6.85	-12.39/-19.23	-11.46/-5.34	-2.46/-1.05	0.26/1.92
θ (60°)	3.51/4.34	4.36/3.69	2.75/1.62	0.68/-2.47	-2.29/-5.64	-12.14/-20.43	-11.31/-7.45	-5.91/-5.43	-5.76/-7.17	-6.92/-3.91	-2.06/-1.44	-1.98/-2.3	-3.24/-4.71	-5.85/-6.05	-7.54/-10.71	-11.87/-5.43	-1.88/0.36	1.09/2.13
θ (70°)	3.62/4.33	4.12/2.97	1.48/0.51	-0.47/-1.34	-2.94/-6.46	-13.14/-15.65	-11.69/-11.31	-10.25/-8.92	-6.6/-5.89	-4.68/-3.79	-2.38/-2.28	-2.67/-2.03	-2.03/-2.75	-4.39/-6.27	-7.5/-10.93	-19.09/-10.63	-3.44/-0.85	0.8/2.23
θ (80°)	3.08/4.14	4.2/3.38	2.01/-0.09	-1.58/-2.5	-3.58/-5.73	-9.23/-13.11	-16.49/-19.32	-9.99/-6.66	-6.81/-7.59	-5.7/-4.02	-3.31/-3.99	-3.24/-1.62	-1.7/-2.65	-4.42/-6.64	-9.3/-17.8	-12.8/-5.52	-2/-0.65	-0.22/1.39
θ (90°)	2.13/2.99	2.77/1.88	0.68/-0.6	-1.64/-2.32	-2.85/-4.57	-8.19/-15.08	-15.84/-9.93	-7.3/-7.01	-11.04/-8.46	-6.21/-4.81	-5.64/-4.23	-2.8/-4.12	-6.59/-9.74	-13.57/-13.71	-9.5/-19.92	-8.3/-3.75	-2.77/-0.42	0.2/0.75
θ (100°)	1.97/3.1	3.32/2.63	1.34/0.77	0.3/-0.01	-0.66/-3.26	-8.22/-16.54	-12.68/-8.48	-7.08/-11.4	-14.24/-6.97	-5.09/-6.06	-4.44/-3.19	-3.54/-5.7	-7.29/-9.4	-10.69/-9.9	-10.43/-11.25	-2.52/-0.26	0.38/0.65	
θ (110°)	0.92/2.3	2.94/2.29	1.04/0.3	0.88/-0.94	-2/-4.7	-9.69/-11.96	-8.62/-7.19	-8.17/-11.65	-11.04/-6.12	-6.12/-7.02	-7.46/-7.35	-10.29/-11.64	-6.85/-6	-8.02/-5.92	-6.3/-9.98	-3.14/-0.72	0.27/-0.03	
θ (120°)	1.07/1.99	2.58/2.49	1.22/-0.39	-1.22/-2.33	-4.04/-9.24	-14.14/-10.36	-8.47/-8.92	-12.38/-17.26	-12.33/-12.57	-12.09/-7.39	-4.96/-6.79	-10.68/-10.96	-9.6/-6.89	-4.97/-4.27	-3.94/-3.89	-4.39/-4.87	-4.11/-1.61	0.02/0.53
θ (130°)	-0.28/0.76	1.27/1.4	0.77/-0.62	-1.71/-3.34	-7.82/-16.22	-20.67/-15.73	-12.12/-12.34	-9.94/-10.73	-12.35/-12.44	-7.59/-4.34	-4.09/-6.8	-13.9/-14.98	-9.9/-7.47	-5.38/-4.02	-3.04/-2.81	-3.22/-3.89	-4.03/-3.11	-1.92/-1.32
θ (140°)	-2.41/-1.52	-2.84/-0.93	-1.15/-2.74	-5.09/-7.74	-10.64/-12.44	-15.82/-14.91	-13.89/-12.61	-10.17/-10	-12.08/-13.02	-8.85/-6.66	-8.03/-34.31	-17.32/-11.16	-9.05/-8.73	-6.71/-4.06	-7.01/-7.49	-7.33/-7.14	-6.92/-5.73	-3.94/-2.97
θ (150°)	-2.87/-2.19	-2.04/-2.16	-2.42/-3.58	-4.39/-6.89	-8.04/-9.54	-10.21/-11.93	-16.83/-15.5	-12.19/-13.24	-16.4/-14.19	-11.94/-12.91	-18.17/-16.26	-8.52/-7.05	-6.88/-6.08	-9.19/-10.39	-11.62/-12.94	-14.19/-13.7	-11.78/-8.07	-5.86/-4.09
θ (160°)	-4.36/-3.36	-2.66/-2.22	-2.4/-2.88	-3.48/-4.89	-6.63/-8.84	-12.76/-18.85	-19.82/-13.83	-12.29/-14.28	-17.46/-15.22	-12.39/-11.88	-11.24/-9.92	-8.19/-7.01	-7.68/-8.08	-9.4/-10.93	-12.54/-13.28	-13.13/-11.86	-10.55/-8.68	-7.23/-5.93
θ (170°)	-6.79/-5.57	-4.88/-4.67	-4.81/-5.82	-7.51/-9.46	-12.15/-15.15	-16.38/-15.32	-15.72/-17.41	-19.68/-19.02	-15.56/-12.12	-10.1/-9.78	-9.93/-11.11	-12.54/-13.47	-14.07/-15.83	-17.81/-19.73	-19.46/-17.57	-14.19/-12.41	-10.89/-9.84	-9.11/-7.92
θ (180°)	-7.28/-6.32	-5.74/-6.14	-7.08/-8.52	-9.82/-11.04	-12.25/-13.57	-16.49/-19.46	-19.52/-20.17	-15.23/-12.24	-10.99/-9.02	-8.18/-8.63	-9.19/-9.49	-9.74/-9.56	-9.91/-10.58	-11.76/-12.82	-15.42/-19.25	-18.81/-19.63	-16.22/-12.97	-10.97/-9.21
Freq(Hz)	2.45G/Pol.	Theta/Ant: 4	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	θ(0°)/φ(10°)	θ(20°)/φ(30°)	θ(40°)/φ(50°)	θ(60°)/φ(70°)	θ(80°)/φ(90°)	θ(100°)/φ(110°)	θ(120°)/φ(130°)	θ(140°)/φ(150°)	θ(160°)/φ(170°)	θ(180°)/φ(190°)	θ(200°)/φ(210°)	θ(220°)/φ(230°)	θ(240°)/φ(250°)	θ(260°)/φ(270°)	θ(280°)/φ(290°)	θ(300°)/φ(310°)	θ(320°)/φ(330°)	θ(340°)/φ(350°)
θ (0°)	-1.97/-1.52	-2.93/-1.44	-3.77/-3.08	-5.94/-5.08	-3.69/-2.88	-2.93/-2.57	-2.34/-2.5	-3.64/-5.14	-6.75/-8.52	-10.42/-14.66	-18.08/-13.78	-11.21/-8.23	-6.44/-5.04	-4.32/-3.91	-3.81/-3.62	-3.36/-3.19	-3.84/-5.05	-6.82/-8.55
θ (10°)	-8.65/-12.57	-18.27/-19.72	-14.46/-7.98	-4.53/-3.98	-3.83/-1.55	-0.25/-0.96	-1.46/-1.37	-2.34/-4.56	-6.9/-9.53	-14.47/-19.4	-19.11-10.85	-6.98/-4.93	-3.03/-1.6	-0.9/-0.69	-1.09/-1.5	-2.23/-3.26	-4.47/-5.61	-6.59/-7.46
θ (20°)	-8.31/-10.36	-11.46/-9.22	-7.41/-5.51	-2.71/-1.65	-1.88/-1.09	-0.33/-0.33	-0.39/-0.37	-1.36/-3.86	-6.47/-8.15	-12.25/-20.31	-19.12/-11.45	-4.86/-2.13	-0.79/0.12	0.84/0.77	-0.02/-0.8	-1.36/-2.29	-3.66/-5.49	-6.78/-7.46
θ (30°)	-9.67/-11.41	-10.04/-8.09	-6.41/-4.55	-3.22/-2.27	-1.97/-2.55	-2.33/-1.71	-0.63/-0.54	-1.29/-2.82	-3.53/-4.2	-6.81/-13.4	-19/-9.16	-4.74/-2.86	-2.33/-2.21	-0.89/0.15	-0.4/-0.3	-0.1/-1.34	-2.65/-4.65	-5.99/-7.86
θ (40°)	-9.3/-9.8	-7.5/-5.47	-3.92/-2.78	-1.42/-1.66	-2.37/-2.07	-4.64/-3.77	-1.66/-0.23	-0.49/-0.44	-0.73/-3.75	-4.89/-4.4	-8.53/-19.2	-4.9/-3.74	-2.85/-2.8	-2.23/-2.17	-2.05/-2.16	-2.72/-2.17	-3.03/-4.8	-5.35/-6.97
θ (50°)	-8.37/-8.8	-7.11/-4.69	-2.82/-3.33	-3.34/-2.75	-2.59/-3.22	-4.57/-5.91	-4.9/-0.99	-1.04/-6.48	-5.49/-4.34	-7.73/-15.79	-20.28/-14.45	-13.5/-11.62	-9.27/-6.9	-5.4/-3.6	-2.22/-2.07	-1.89/-2.8	-3.62/-5.46	-6.47/-6.69
θ (60°)	-8.43/-8.54	-7.28/-5.07	-5.19/-5.54	-5.05/-3.33	-3.02/-4.33	-4.84/-6.1	-5.76/-3.01	-2.26/-5.67	-8.18/-6.15	-8.28/-19.71	-19.65/-18.96	-16.4/-17.93	-13.82/-11.64	-9.99/-6.46	-6.61/-6.42	-6.34/-5.74	-4.47/-4.59	-5.07/-6.37
θ (70°)	-7.06/-10.13	-7.37/-5.54	-7.21/-6.97	-5.31/-6.2	-6.37/-5.71	-5.66/-6.07	-7.81/-5.93	-2.8/-8.54	-8.71/-6.42	-12.56/-9.59	-11.48/-19.95	-16.1/-19.2	-19.31/-19.82	-16.72/-14.78	-8.09/-5.9	-7.83/-8.28	-6.29/-8.7	-6.75/-5.29
θ (80°)	-8.28/-8.72	-7.29/-5.07	-5.19/-5.54	-5.05/-3.33	-3.02/-4.33	-4.84/-6.1	-5.76/-3.01	-2.26/-5.67	-8.18/-6.15	-8.28/-19.71	-19.65/-18.96	-16.4/-17.93	-13.82/-11.64	-9.99/-6.46	-6.61/-6.42	-6.34/-5.74	-4.47/-4.59	-5.07/-6.37
θ (90°)	-8.37/-10.52	-13.15/-12.04	-16.8/-12.16	-13/-18.31	-18.68/-16.85	-13.84/-14.07	-14.59/-15.04	-9.87/-14.26	-17.04/-9.78	-11.73/-11.95	-14.79/-15.1	-17.32/-19.41	-12.49/-10.94	-18.57/-19.43	-13.56/-8.26	-11.03/-20.44	-19.21/-15.78	-9.65/-8.83
θ (100°)	-10.19/-9.16	-11.49/-10.57	-19.58/-12.64	-11.46/-14.14	-17.29/-18.99	-18.64/-14.85	-16.16/-18.67	-11.87/-17.09	-20/-14.22	-11.81/-14.45	-12.82/-16.44	-18.86/-19.12	-18.86/-8.74	-19.18/-15.04	-14.12/-7.68	-7.02/-15.26	-7.82/-8.34	-8.7/-11.4
θ (110°)	-9.89/-7.34	-9.03/-12.72	-17.8/-18.5	-15.44/-12.07	-12.49/-16.26	-19.91/-19.03	-16.21/-16.73	-19.07/-15.77	-17.18/-14.92	-10.88/-13.35	-15.94/-19.45	-14.34/-19.04	-20.12/-19.76	-18.9/-19.17	-18.49/-16.8	-12.63/-13.02	-10.44/-9.42	-8.02/-8.03
θ (120°)	-7.68/-7.42	-10.27/-11.14	-16.82/-19.26	-13.41/-13.76	-11.91/-11.77	-14.27/-18.94	-14.53/-15.27	-19.58/-11.59	-14.11/-19.91	-9/-12.12	-13.33/-20.06	-19.14/-16.62	-12.78/-11.7	-18.15/-17.89	-14.03/-11.61	-8.68/-4.93	-5.82/-5.45	-5.82/-5.65
θ (130°)	-8.67/-7.88	-8.46/-11.86	-17.7/-19.78	-17.2/-16.37	-13.4/-11.02	-15.36/-13.48	-12.87/-11.85	-14.46/-9.41	-13.7/-18.89	-9.07/-17.69	-18.63/-19.39	-16.28/-19.31	-9.4/-16.74	-18.83/-12.8	-16.3/-12.67	-10.87/-10.78	-9.5/-12.39	-6.41/-6.24
θ (140°)	-9.6/-8.35	-8.76/-9.97	-12.05/-18.26	-18.38/-13.63	-11.17/-10.48	-9.73/-10.5	-13.86/-17.71	-12.66/-13.76	-19.45/-17.88	-16.78/-17.82	-19.6/-20.09	-20.52/-13.47	-12.13/-14.31	-11.18/-20.49	-13.63/-5.71	-6.33/-5.39	-5.47/-5.38	-6.65/-5.73
θ (150°)	-7.72/-8.09	-7.91/-10.06	-12.75/-16.57	-17.08/-14.15	-11.58/-9.35	-8.8/-11.82	-19/-15.32	-9.09/-7.72	-9.92/-15.84	-20.03/-18.37	-15.46/-19.06	-19.33/-17.26	-15.13/-17.17	-17.85/-15.43	-16/-9.42	-6.76/-4.97	-4/-6.01	-6.6/-6.53
θ (160°)	-10.56/-11.71	-13.31/-18.29	-19.99/-20.2	-19.07/-14.92	-13.29/-13.62	-16.33/-13.35	-10.23/-10.94	-11.44/-12.19	-13.29/-14.85	-15.64/-17.85	-17.28/-16.33	-20.42/-18.65	-20.27/-18.54	-18.39/-19.34	-17.71/-11.15	-10.1/-10.8	-8.82/-10.44	-10.2/-9.79
θ (170°)	-14.66/-16.36	-17.17/-16.74	-14.89/-11.34	-10.92/-12.08	-10.16/-8.58	-9.83/-12.37	-13.77/-13.24	-19.53/-12.67	-19.38/-17.14	-19.43/-18.89	-19.84/-19.2	-19.31/-18.91	-20.01/-20	-14.72/-14.03	-14.49/-16.43	-17.31/-18.65	-19.05/-15.57	
θ (180°)	-19.73/-19.62	-18.66/-18.54	-18.56/-18.92	-19.69/-19.7	-16.08/-17.01	-19.6/-20.08	-20.15/-19.58	-19.49/-20.37	-18.76/-19.14	-19.55/-19.68	-19.19/-19.75	-19.02/-18.82	-16.77/-15.1	-16.56/-19.02	-16.9/-16.78	-18.32/-17.36	-17.46/-18.81	-19.84/-19.43
Freq(Hz)	5.3G/Pol.	Pol/Ant: 4	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	θ(0°)/φ(10°)	θ(20°)/φ(30°)	θ(40°)/φ(50°)	θ(60°)/φ(70°)	θ(80°)/φ(90°)	θ(100°)/φ(110°)	θ(120°)/φ(130°)	θ(140°)/φ(150°)	θ(160°)/φ(170°)	θ(180°)/φ(190°)	θ(200°)/φ(210°)	θ(220°)/φ(230°)	θ(240°)/φ(250°)	θ(260°)/φ(270°)	θ(280°)/φ(290°)	θ(300°)/φ(310°)	θ(320°)/φ(330°)	θ(340°)/φ(350°)
θ (0°)	-1.97/-1.46	-1.25/-1.46	-1.53/-2.1	-2.55/-3.36	-4.9/-7.32	-10.76/-14.45	-16.44/-11.88	-8.68/-6.68	-4.78/-3.55	-2.59/-1.84	-1.47/-1.52	-1.99/-2.79	-3.77/-5.05	-7.05/-9.9	-13.9/-15.52	-8.97/-6.67	-4.63/-3.14	
θ (10°)	-1.54/-0.98	-0.35/-0.38	-0.98/-1.76	-2.28/-3.56	-5.35/-8	-12.91/-18.85	-18.21/-11.71	-8.22/-5.74	-4.26/-2.97	-1.9/-1.55	-1.63/-1.97	-2.46/-3.56	-4.9/-6.61	-10.76/-18.88	-20.22/-13.31	-8.89/-7.99	-6.69/-5.68	-3.89/-2.32
θ (20°)	-0.82/-0.14	0.01/-0.8	-2.36/-3.62	-4.56/-6.44	-9.27/-12.48	-19.7/-19.46	-12.04/-7.72	-6.89/-2.98	-1.73/-0.58	-0.04/-0.02	0.7/1.19	1.09/-0.54	-2.31/-4.46	-8.2/-15.26	-19.17/-14.23	-9.71/-7.03	-6.3/-4.89	-2.84/-1.52
θ (30°)	-1.38/-1.02	-0.78/-0.62	-1.18/-2.07	-3.32/-6.19	-9.68/-11.92	-19.72/-18.75	-17.09/-7.38	-2.59/-0.84	-0.39/0.35	1.45/2.46	3.24/2.94	1.81/-0.1	-2.11/-4.94	-9.04/-16.35	-19.23/-10.96	-6.9/-5.08	-3.71/-3.11	-1.33/-0.83
θ (40°)	-3.9/-5.54	0.44/1.03	1.23/0.36	-1.77/-4.61	-9.28/-18.55	-12.61/-11.04	-12.44/-11.24	-4.01/0.68	0.07/0.54	1.48/1.77	2.76/2.27	0.61/-1.87	-3.9/-5.44	-8.46/-14.42	-17.33/-9.9	-6.1/-4.18	-3.79/-3.07	-1.19/-0.71
θ (50°)	-1.49/0.25	1.66/2.34	2.06/0.79	-1.04/-4.28	-8.03/-13.3	-17.81/-13.1	-12.79/-8.17	-3.26/-2.4	-1.5/0.4	1.36/0.57	0.86/-0.76	-2.54/-1.81	-4.45/-6.65	-8.17/-11.42	-12.42/-10.74	-6.58/-3.73	-2.41/-2.94	-1.34/-1.56
θ (60°)	-2.15/0.01	1.57/1.68	1.13/-0.35	-2.95/-4.36	-10.4/-17.87	-20.46/-14.14	-16.24/-7.48	-2.39/-1.44	-1.18/0.2	0.44/-1	-1.87/-2.4	-2.33/-4.76	-5.13/-7.7	-8.01/-8.66	-12.04/-12.28	-9.33/-4.18	-3.5/-3.77	-1.22/-1.68
θ (70°)	-2.09/-0.38	1.12/1.99	1.13/-1.23	-5.51/-9.1	-11.13/-12.59	-18.14/-19.09	-13.32/-7.66	-4.24/-2.99	-1.08/-1.55	-1.8/-4.33	-3.09/-4.57	-4.75/-4.38	-7.56/-9.25	-6.09/-6.05	-10.32/-10.45	-7.82/-6.35	-4.9/-3.98	-2.46/-1.77
θ (80°)	-1.57/-1.24	1.57/1.65	0.91/-1.04	-5.08/-7.27	-6.6/-9.95	-18.96/-17.05	-14.28/-8.55	-4.83/-3.46	-3.69/-3.16	-2.88/-4.31	-5.37/-5.67	-6.31/-5.88	-9.42/-11.81	-7.42/-6.03	-7.4/-13.46	-9.38/-6.62	-7.8/-4.67	-1.87/-1.38
θ (90°)	-1.55/-2.11	0.23/-0.04	0.4/-1.83	-5.72/-7.37	-6.48/-8.54	-13.1/-18.28	-19.63/-11.67	-11.26/-5.17	-5.14/-7.77	-5.82/-5.75	-12.07/-12	-9.78/-9.82	-9.14/-13.54	-12.9/-8.87	-8.89/-14.3	-11.03/-10.23	-8.85/-4.76	-1.61/-1.32
θ (100°)	-0.91/-2.33	-1.4/-1.41	-1.73/-2.74	-4.11/-5	-4.84/-8.51	-20.22/-18.49	-11.28/-12.81	-9.23/-5.45	-7.69/-8.79	-5.73/-7.49	-15.22/-11.48	-8.56/-9.98	-10.64/-11.36	-15.35/-11.13	-17.43/-20.14	-13.13/-9.59	-9.47/-6	-2.59/-0.94
θ (110°)	-0.06/-1.64	-0.9/-1.68	-1.75/-0.5	-1.44/-2.61	-3.3/-6.34	-11.28/-12.17	-9.7/-10.45	-6.89/-11.89	-14.57/-8.79	-14.57/-8.79	-10.02/-19.19	-12.76/-17.5	-9.59/-18.54	-18.79/-15.88	-15.49/-18.91	-12.11/-13.34	-5.13/-4.68	-3.42/-1.2
θ (120°)	-0.15/-0.29	-0.52/-0.46	-0.86/-1.57	-1.16/-0.87	-2.06/-4.12	-4.85/-11	-11.84/-15.86	-19.81/-16.51	-18.3/-10.87	-11.62/-18.08	-14.53/-10.93	-14.96/-11.93	-17.38/-13.19	-19.93/-19.09	-19.55/-18.74	-14.64/-16.75	-9.05/-3.76	-2.07/0.52
θ (130°)	0.74/0.36	-0.34/-1.16	-1.48/-0.88	-2.81/-1.56	-2.39/-4.39	-8.2/-11.9	-14.72/-18.8	-15.66/-18.82	-11.24/-7.01	-8.77/-13.86	-20.51/-13.71	-10.33/-18.23	-15.3/-16.56	-19.96/-19.63	-19.6/-19.64	-11.16/-11.94	-11.03/-7.31	-3.62/-0.73
θ (140°)	-0.96/0.29	1.01/0.45	-0.67/-1.77	-2.53/-3.01	-3.83/-5.77	-10.22/-11.5	-14.84/-19.93	-19.78/-19.08	-16.62/-12.69	-13.59/-18.95	-18.81/-18.95	-19.15/-11.77	-15.87/-20.05	-18.62/-18.84	-19.64/-19.61	-19.74/-11.3	-8.79/-6.73	-5/-2.88
θ (150°)	-4.07/-3.54	-2.05/-1.32	-1.72/-2.8	-4.46/-5.04	-6.15/-7.83	-11.1/-16.06	-19.27/-19.35	-19.46/-19.99	-19.76/-15.14	-13.44/-13.57	-17.7/-17.15	-13.67/-19.27	-19.02/-19.49	-20/-19.92	-19.61/-18.94	-18.79/-12.75	-9.74/-8.48	-6.27/-4.78
θ (160°)	-8.31/-8.38	-7.04/-5.18	-4.52/-4.33	-4.21/-4.35	-6.06/-8.45	-10.13/-13.78	-16.68/-16.7	-15.38/-15.27	-18.95/-19.03	-19.06/-19.22	-19.65/-19.43	-18.87/-19.83	-19.68/-18.5	-19.87/-19.97	-20.42/-19.45	-18.47/-16.48	-12.66/-11.27	-10.82/-9.88
θ (170°)	-11.44/-11.57	-12.54/-11.9	-8.65/-7.53	-7.86/-9.4	-10.42/-11.2	-14.2/-18.93	-18.43/-19.36	-19.02/-18.84	-19.29/-20.1	-18.51/-18.05	-18.32/-18.66	-19.24/-20.07	-18.65/-19.86	-19.97/-19.67	-19.99/-19.54	-18.39/-19.71	-17.39/-14.79	-12.15/-11.8
θ (180°)	-16.41/-13.74	-12.15/-13.69	-15.04/-13.14	-13.12/-13.26	-13.44/-16.66	-19.27/-19.84	-19.58/-19.35	-18.98/-19.38	-18.54/-20.2	-20.47/-19.33	-18.44/-15.48	-14.29/-14.4	-16.1/-17.42	-17.62/-20.04	-20.23/-20.64	-19.62/-19.98	-19.41/-18.26	-16.48/-16.07
Freq(Hz)	5.3G/Pol.	Theta/Ant: 4	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	θ(0°)/φ(10°)	θ(20°)/φ(30°)	θ(40°)/φ(50°)	θ(60°)/φ(70°)	θ(80°)/φ(90°)	θ(100°)/φ(110°)	θ(120°)/φ(130°)	θ(140°)/φ(150°)	θ(160°)/φ(170°)	θ(180°)/φ(190°)	θ(200°)/φ(210°)	θ(220°)/φ(230°)	θ(240°)/φ(250°)	θ(260°)/φ(270°)	θ(280°)/φ(290°)	θ(300°)/φ(310°)	θ(320°)/φ(330°)	θ(340°)/φ(350°)
θ (0°)	-8.41/-12.48	-17.6/-18.98	-13.56/-9.55	-4.81/-4.61	-3.53/-2.94	-2.16/-1.77	-2.02/-2.4	-4.89/-6.46	-8.54/-11.65	-16.61/-15.65	-11.6/-8.67	-6.1/-5.25	-4.82/-4.02	-3.39/-3.46	-3.43/-3.4	-3.03/-4.68	-5.76/-7.52	
θ (10°)	-9.32/-12.91	-16.81/-13.88	-9.89/-8.21	-6.31/-3.12	-1.39/-1.8	-1.98/-1	-0.78/-1.78	-2.89/-4.31	-6.19/-9.64	-12.12/-14.67	-13.18/-8.96	-5.48/-3.82	-2.49/-1.84	-1.6/-1.21	-1.48/-2.36	-3.85/-5.66	-6.58/-5.82	-6.14/-7.86
θ (20°)	-9.82/-10.57	-9.02/-7.02	-5.01/-3.36	-2.7/-2.37	-1.68/-1.24	-0.6/-0.42	-1.02/-2.25	-2.42/-3.66	-5.89/-8.39	-14.33/-19.74	-12.79/-8.23	-4.79/-2.24	-0.79/-0.41	-0.49/-0.39	-0.6/-1.9	-3.12/-4.63	-6.42/-7.19	-8.07/-9.58
θ (30°)	-11.32/-9.74	-7.1/-5.23	-3.65/-2.6	-2.17/-2.16	-1.54/-1.1	-2.09/-1.56	-0.55/-1.36	-3.49/-5.47	-5.13/-5.06	-8.64/-16.17	-15.21/-7.73	-4.48/-3.11	-1.38/-0.79	-1.55/-1.61	-0.72/-0.57	-1.84/-3.23	-5.05/-7.03	-9.02/-10.49
θ (40°)	-9.51/-9.68	-7.5/-4.92	-2.79/-2.13	-1.29/-1.06	-1.1/-1.3	-2.66/-4.47	-3.5/-1.52	-0.74/-3.45	-6.76/-5.85	-7.08/-12.74	-19.95/-13.26	-8.54/-6.27	-4.93/-3.06	-3.49/-4.32	-3.61/-3.65	-3.15/-3.78	-6.4/-7.11	-7.77/-9.47
θ (50°)	-8.28/-8.23	-5.97/-3.68	-2.49/-2.16	-2.14/-2.25	-2.76/-2.21	-2.98/-5.17	-5.09/-2.95	-2.26/-5.3	-7.41/-5.06	-5.61/-12.56	-19.71/-14.62	-10.17/-6.57	-6.77/-7.62	-6.36/-4.61	-3.33/-2.82	-2.97/-5.3	-7.17/-8.19	-7.12/-6.86
θ (60°)	-8.06/-8.53	-6.43/-4.99	-5.09/-3.76	-2.94/-3.77	-4.93/-4.19	-4.75/-5.71	-3.97/-3.48	-3.07/-5.16	-8.42/-6.67	-6.66/-16.39	-20.16/-19.09	-12.93/-11.36	-8.71/-7.94	-10.54/-7.99	-7.59/-7.13	-

Freq(Hz)	5.6G	5.785G
Ant. 1 Max Gain (dBi)	2.57	2.64
Ant. 2 Max Gain (dBi)	3.98	4.12
Ant. 3 Max Gain (dBi)	2.29	2.9
Ant. 4 Max Gain (dBi)	3.18	4.21
Ant. 1 Polarization/Θ(°)/Φ(°)	Phi/50/280	Phi/70/190
Ant. 2 Polarization/Θ(°)/Φ(°)	Theta/90/250	Theta/90/250
Ant. 3 Polarization/Θ(°)/Φ(°)	Phi/40/50	Phi/80/60
Ant. 4 Polarization/Θ(°)/Φ(°)	Theta/90/60	Theta/100/50
Max Gain (dBi)	3.98	4.21
DG [1SS] (dBi)	4.11	4.43
DG [2SS] (dBi)	3.98	4.21
DG [4SS] (dBi)	3.98	4.21

DG 1SS Result

Freq[Hz]	5.6GPol.	Phi=	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
DG(dB)	Φ(0°)/Φ(15°)	Φ(30°)/Φ(45°)	Φ(60°)/Φ(75°)	Φ(90°)/Φ(105°)	Φ(120°)/Φ(135°)	Φ(150°)/Φ(165°)	Φ(180°)/Φ(195°)	Φ(210°)/Φ(225°)	Φ(240°)/Φ(255°)	Φ(270°)/Φ(285°)	Φ(300°)/Φ(315°)	Φ(330°)/Φ(345°)	Φ(345°)/Φ(360°)
θ=0°	-1.18/-1.86	-2.44/-3.87	-4.48/-4.63	-4.72/-4.63	-4.85/-4.22	-3.41/-2.23	-1.52/-1.37	-1.27/-1.38	-1.58/-1.36	-1.33/-1.47	-1.79/-2.59	-3.4/-3.82	-4.61/-4.7	-4.88/-4.39	-3.04/-1.97	-1.39/-0.68	-0.32/-0.36	-0.54/-0.88
θ=10°	-1.71/-2.49	-3.4/-3.98	-4.18/-4.34	-4.08/-3.34	-2.22/-1.2	-0.85/-0.35	-0.55/-0.94	-1.5/-2.03	-2.58/-3.16	-3.48/-4.12	-4.71/-5.51	-4.57/-4.82	-4.81/-4.8	-4.44/-3.61	-2.33/-1.46	-1.34/-1.25	-1.23/-0.96	-1.23/-0.96
θ=20°	-1.98/-1.74	-2.94/-3.53	-4/-4.23	-4.03/-4.11	-3.59/-3.2	-2.83/-2.41	-1.96/-1.69	-2.38/-3.9	-4.78/-4.69	-4.89/-5.58	-6.48/-7.02	-7.43/-7.78	-8.28/-7.22	-6.64/-6.56	-4.76/-4.97	-4.19/-5.32	-3.54/-2.95	-1.37/-1.4
θ=30°	-1.42/-0.54	-0.81/-1.27	-1.61/-0.84	-0.53/-0.54	-1.25/-2.14	-3.42/-4.04	-3/-2.2	-1.47/-1.86	-2.67/-2.84	-1.86/-2.78	-4.16/-4.31	-5.09/-5.06	-4.13/-3.08	-2.26/-1.36	-1.36/-1.79	-3/-4.46	-4.37/-3.29	-2.6/-1.78
θ=40°	-0.03/-0.07	-0.82/0.42	0.55/1.25	0.52/1.09	0.31/-1.82	-3.96/-4.41	-3.54/-3.21	-2.39/-1.3	-0.52/0.14	-0.18/-2.03	-1.68/-2.95	-3.26/-1.99	-0.64/-0.67	-1.2/-0.49	1.06/1.35	0.38/-1.9	-2.97/-1.61	-0.16/0.8
θ=50°	0.83/0.24	0.78/1.48	1.73/1.2	1.08/0.68	-0.24/-2.18	-3.08/-2.25	-0.09/0.71	-0.16/-1.98	-1.53/-0.6	-1.3/-1.74	0.17/0.56	-0.74/-1.17	-1.17/-0.61	0.46/1.14	1.65/.52	-0.89/-1.64	-3.63/-3.59	-0.28/1.66
θ=60°	1.84/1.42	1.99/2.58	2.36/.65	-0.39/-1.4	-2.55/-3.36	-3.57/-1.92	-2.43/0.87	0.75/-0.48	-0.64/0.48	0.72/0.13	0.4/-0.18	0.14/-0.23	-0.68/-0.67	0.03/1.3	1.75/1.52	-0.23/-2.26	-1.97/-1.37	-0.85/1.71
θ=70°	1.15/1.35	1.67/2.04	1.73/-0.43	-1.29/-3.13	-5.41/-5.65	-6.34/-5.18	-1.4/-0.11	-0.53/-1.49	-0.71/0.62	0.51/-0.62	0.52/0.84	0.29/0.23	-2.03/-3.95	-2.51/-1.17	-0.94/-0.99	-0.9/-1.88	-2.36/-2	-0.52/0.79
θ=80°	-0.1/1.18	0.31/.25	1.33/0.44	-0.15/-1.51	-2.94/-1.63	-1.29/-2.75	-2.35/-1.65	-1.12/-1.67	-0.76/0.39	-0.29/-0.6	-0.76/0.19	1.07/0.51	0.02/-0.14	1.14/-1.06	0.82/-1.02	-2.13/-2.1	-2.64/-0.78	-1.34/-0.22
θ=90°	-1.34/-0.46	-1.92/-0.16	1.19/1.49	1.19/-0.01	-0.33/-0.18	-0.36/-1.59	-1.01/-2.81	-1.43/-0.81	-0.59/0.21	-0.24/-1.1	-1.64/-1.19	-0.32/0.84	1.96/0.84	0.4/-2.67	-2.09/-1.22	-1.73/-2.36	-2.62/-2.47	-2.53/-2.25
θ=100°	-2.24/-1.7	-1.91/-2.39	0.98/0.96	0.47/-1.32	-2.1/-0.96	-1.53/-1.99	-0.59/-1.67	-1.65/-0.14	-1.57/-2.5	-2.71/-2.13	-1.21/-0.83	-2.2/-1.26	0.9/-1.13	-2.65/-5.17	-3.58/-2.78	-2.54/-5.41	-4.26/-3.94	-4.79/-4
θ=110°	-3.84/-1.62	-3.22/-2.27	-1.46/-0.73	0.65/-1.61	-1.85/-2.68	-3.16/-1.83	-2.23/-1.78	-3.57/-4.65	-4.71/-3.44	-3.69/-2.22	-0.9/-1	-0.59/-2.27	-3.28/-7.03	-2.79/-3.07	-2.18/-3.47	-3.83/-5.77	-6.73/-6.06	
θ=120°	-2.93/-1.73	-2.75/-3.34	-3.61/-2.38	-2/-3.73	-4.2/-4.48	-3.87/-3.49	-3.18/-3.55	-4.29/-5.45	-4.23/-3.51	-3.04/-2.27	-3.72/-4.48	-2.92/-3.62	-1.63/-0.46	-1.64/-0.81	0.31/-5.99	-2.84/-3.34	-2.54/-2.21	
θ=130°	-0.77/-1.36	-3.77/-4.48	-3.98/-2.78	-1.9/-3.02	-4.52/-4.7	-7.05/-6.86	-4.44/-3.23	-2.74/-2.35	-3.3/-5.19	-2.56/-4.05	-5.4/-3.99	-4.31/-4.79	-2.64/-0.22	-2.98/-6.52	-2.16/0.08	-3.56/-5.21	-6.33/-4.35	-3.99/-1.98
θ=140°	-3.99/-5.85	-5.18/-5.79	-6.99/-5.92	-3.7/-2.24	-2.13/-3.19	-2.94/-3.01	-3.25/-2.66	-2.04/-1.44	-2.47/-4.34	-4.01/-4.38	-6.39/-4.67	-6.1/-6.35	-4.74/-4.8	-6.65/-7.23	-5.86/-3.86	-2.32/-2.43	-2.05/-2.07	-3.75/-5.23
θ=150°	-5.09/-6.06	-4.9/-3.67	-4.34/-5.24	-5.25/-4.33	-3.39/-3.48	-4.55/-4.51	-3.6/-2.21	-2.09/-2.52	-3.18/-2.84	-2.27/-0.96	-1.33/-1.62	-2.15/-2.77	-6.47/-9.31	-11.04/-10.33	-6.64/-3.11	-2.22/-2.82	-4.38/-4.38	-6.52/-6.21
θ=160°	-5.35/-5.36	-4.72/-4.7	-5.66/-7.15	-9.16/-10.03	-9.19/-7.05	-5.6/-4.98	-4.63/-4.16	-4.05/-3.81	-4.52/-4.38	-2.71/-1.78	-2.85/-5.54	-8.71/-9.38	-9.15/-8.78	-8.18/-7.73	-7.49/-5.75	-4.11/-3.18	-3.91/-5.25	
θ=170°	-5.57/-6.88	-7.65/-9.65	-9.86/-10.26	-10.32/-10.78	-10.69/-9.68	-8.63/-7.16	-6.12/-6.31	-4.79/-6.93	-7.21/-7.66	-8.54/-8.18	-8.08/-8.51	-9.93/-10.51	-10.84/-10.08	-9.18/-8.26	-7.25/-7.47	-7.01/-6.62	-5.69/-5.48	
θ=180°	-7.97/-8.93	-8.93/-8.39	-8.23/-9.03	-11.23/-11.75	-11.02/-10.53	-9.64/-8.78	-9.09/-8.46	-8.49/-9.2	-10.09/-10.4	-10.53/-10.56	-10.41/-10.21	-10.65/-11.21	-11.61/-10.21	-9.32/-8.61	-8.69/-8.57	-8.55/-9.37	-9.84/-9.84	-9.76/-8.99
Freq[Hz]	5.6GPol.	Theta=	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
DG(dB)	Φ(0°)/Φ(15°)	Φ(30°)/Φ(45°)	Φ(60°)/Φ(75°)	Φ(90°)/Φ(105°)	Φ(120°)/Φ(135°)	Φ(150°)/Φ(165°)	Φ(180°)/Φ(195°)	Φ(210°)/Φ(225°)	Φ(240°)/Φ(255°)	Φ(270°)/Φ(285°)	Φ(300°)/Φ(315°)	Φ(330°)/Φ(345°)	Φ(345°)/Φ(360°)
θ=0°	-3.66/-2.6	-1.46/-1.01	-0.39/-0.5	-0.55/-0.73	-1.17/-1.7	-2.2/-2.8	-3.42/-4.07	-4.89/-5.66	-6.22/-5.27	-3.7/-2.75	-1.91/-1.64	-1.08/-0.87	-1.26/-1.49	-2.09/-2.44	-2.56/-2.86	-3.93/-4.84	-5.18/-4.21	
θ=10°	-3.04/-1.37	-0.27/0.45	0.95/1.06	0.43/-0.63	-1.78/-2.79	-3.68/-4.27	-5.1/-5.52	-5.55/-5.31	-4.28/-3.66	-3.07/-2.72	-2.41/-1.93	-1.6/-1.43	-1.27/-1.15	-1.26/-1.97	-2.5/-2.85	-3.29/-3.77	-4.39/-4.72	-4.72/-4.03
θ=20°	-4.15/-2.8	-1.9/-0.73	0.02/-0.26	-1.4/-1.98	-2.43/-2.99	-3.85/-4.31	-4.93/-5.56	-5.58/-4.44	-3.34/-2.53	-2.13/-2.24	-3.57/-4.8	-4.15/-3.74	-3.97/-3.86	-3.59/-3.08	-2.96/-2.83	-2.96/-2.99	-3.17/-3.09	-3.11/-3.63
θ=30°	-2.87/-5.75	-4.31/-3.92	-2.81/-2.85	-2.03/-1.35	-1.47/-1.59	-1.49/-1.74	-2.36/-3.35	-4/-3.96	-3.19/-1.9	-1.88/-2.96	-5.09/-7.72	-6.98/-5.52	-3.54/-2.72	-2.31/-1.17	0.13/-0.47	-0.93/-2.07	-1.14/-0.89	-1.15/-1.73
θ=40°	-2.89/-4.37	-3.94/-1.67	-0.74/-0.45	-0.96/-1.49	-1.14/-0.62	-0.26/0.08	0.22/-0.16	-1.21/-1.08	-1.68/-1.57	-2.02/-2.99	-3.65/-4.58	-4.52/-3.18	-2.47/-1.73	-0.79/-0.82	0.34/0.71	0.03/-1.08	-2.98/-3.1	-2.01/-2.28
θ=50°	-4.75/-3.38	-1.21/0.2	0.35/0.26	0.46/-3.2	-4.58/-3.24	-1.22/0.32	0.38/-0.4	-2.42/-2.37	-1.8/-0.99	-2.39/-1.82	-2.45/-2.83	-3.34/-2.21	-3.19/-5.25	-3.57/-1.55	-0.82/-0.84	-1.23/-3.87	-4.42/-5.67	-4.46/-5.23
θ=60°	-4.1/-4.28	-2.17/-1.53	-0.86/0.17	0.97/1.06	0.22/-0.35	-0.25/0.16	-1.54/-3.09	-4.52/-4.78	-2.49/-1.25	-1.59/-1.66	-2.27/-3.27	-4.31/-4.59	-9/-9.38	-3.03/-3.23	-1.69/-0.67	-1.59/-2.73	-3.25/-3.96	-4.46/-5
θ=70°	-4.79/-5.16	-3.79/-1.84	0.74/2.19	4.11/3.21	2.27/0.92	-0.88/0.17	-0.56/-3.3	-5.56/-7.28	-5.81/-4.87	-2.79/-2.78	-5.69/-4.65	-7.78/-8.91	-4.34/-3.08	-0.9/-0.22	0.49/0.06	-0.73/-1.51	-2.39/-3.98	-3.71/-5.9
θ=80°	-4.16/-3.59	-2.16/-2.14	-0.04/1.55	1.66/1.2	0.49/-0.4	-1.9/-0.79	-1.59/-2.97	-1.61/-3.38	-2.29/-1.04	-5.13/-1.94	-0.19/0.51	1.91/2.33	1.66/2.07	1.44/-0.59	-2.33/-2.08	-1.41/-5.56		
θ=90°	-0.91/-2.12	-1.87/-3.08	-0.48/0.91	1.54/1.54	0.54/-1.18	-2.38/-0.5	0.01/-1.24	-0.22/-1.16	-4.14/-3.61	-3.34/-2.27	-2.65/-3.32	-2.29/-0.59	0.75/1.1	2.21/0.83	2.44/2.55	0.98/-1.12	-4.51/-2.88	-2.63/-5.48
θ=100°	-2.61/-2.76	-1.23/-0.74	0.35/1.38	0.88/-0.97	-2.63/-4.26	-3.35/-0.02	0.79/1.1	1.14/-1.27	-5.12/-3.82	-3.93/-5.45	-5.09/-1.69	-2.62/-1.13	-0.54/-0.17	-3.11/-1.58	0.11/-1.32	0.81/-1.8	-1.1/-1	0.84/-3.8
θ=110°	-3.44/-2.01	-0.47/-0.58	-2.03/-1.4	-1.68/-2.6	-4.71/-8.61	-7.62/-2.47	-0.95/0.2	1.34/0.05	-1.25/-2.76	-3.55/-2.75	-4.77/-1.14	-2.62/-2.53	-1.57/-1.04	-2.82/-5.49	-1.62/-0.84	-0.21/-3.09	-0.44/-0.29	-1.68/-3.3
θ=120°	-3.79/-1.41	-2.31/-4.04	-3.86/-1.98	-1.51/-2.5	-0.24/-5.5	-3.65/-1.51	-0.63/-0.3	-3.59/-3.78	-4.87/-0.82	-3.31/-5.46	0.6/0.25	-2.15/-3.4	1.12/-0.34	-1.98/-3.84	-0.89/-1.02	-4.64/-3.43		
θ=130°	-3.79/-4.42	-3.81/-2.38	-2.83/-2.64	-1.28/-2.1	-4.13/-4.39	-2.23/-2.85	-2.04/-2.56	-3.66/-2.88	-4.6/-2.58	-3.73/-2.03	-2.42/-6.87	-3.08/0.44	-6.82/-4.32	0.66/-1.02	-4.14/-3.74	-4.7/-3.79	-4.64/-3.43	
θ=140°	-4.93/-3.28	-3.56/-2.13	-3.49/-4.13	-2.71/-3.51	-1.12/-1.6	-1.83/-3.45	-5.25/-5.44	-6.32/-9.74	-6.46/-5.42	-3.58/-3.55	-2.81/-3.92	-4.66/-3.31	-6.07/-4.76	-4.84/-9.43	-3.79/-2.42	-3.87/-3.87	-5.39/-5.75	
θ=150°	-6.29/-4.32	-5.4/-5.26	-4.66/-3.1	-3.78/-3.78	-3.93/-5.06	-5.32/-5.2	-6.73/-7.09	-8.19/-7.82	-6.72/-5.65	-4.78/-4.44	-4.55/-5.07	-3.99/-1.83	-1.91/-3.48	-5.83/-7.72	-7.41/-4.58	-3.76/-5	-5.67/-6.73	-6.78/-6.46
θ=160°	-6.89/-6.92	-7.07/-6.36	-6.13/-6.53	-6.33/-6.72	-7.72/-8.12	-8.15/-7.35	-7.31/-8.95	-10.21/-9.27	-9.97/-4.49	-3.07/-2.73	-3.66/-4.6	-5.98/-5.21	-4.89/-5.84	-7.21/-9.58	-10.72/-9.3	-8.61/-7.81	-6.85/-6.44	-5.39/-7.16
θ=170°	-9.78/-7.63	-8.28/-7.27	-6.71/-6.33	-8.26/-10.31	-10.43/-10.15	-10.51/-10.46	-10.43/-10.86	-9.31/-8.19	-7.15/-6.37	-5.71/-5.7	-6.51/-7.75	-9.89/-10.52	-9.89/-7.37	-6.71/-7.75	-9.3/-11.12	-11.54/-11.47	-11.58/-11.1	-10.16/-9.05
θ=180°	-10.34/-10.32	-11.68/-10.44	-11.06/-10.79	-10.13/-9.81	-8.96/-8.59	-8.91/-8.41	-8.75/-9.32	-10.41/-10.57	-10.4/-10.35	-10.35/-10.27	-10.02/-9.97	-9.59/-9.72	-11.23/-12.53	-12.49/-11.64	-10.97/-10.4	-10.19/-10.08	-9.37/-9.52	
Freq[Hz]	5.785GPol.	Phi=	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
DG(dB)	Φ(0°)/Φ(15°)	Φ(30°)/Φ(45°)	Φ(60°)/Φ(75°)	Φ(90°)/Φ(105°)	Φ(120°)/Φ(135°)	Φ(150°)/Φ(165°)	Φ(180°)/Φ(195°)	Φ(210°)/Φ(225°)	Φ(240°)/Φ(255°)	Φ(270°)/Φ(285°)	Φ(300°)/Φ(315°)	Φ(330°)/Φ(345°)	Φ(345°)/Φ(360°)
θ=0°	-3.52/-4.46	-5.4/-7.28	-7.08/-6.88	-7.04/-6.6	-4.97/-3.68	-2.82/-1.91	-1.18/-0.75	-0.74/-1.05	-1.66/-2.67	-3.12/-4.14	-5.12/-5.94	-6.67/-7.56	-6.89/-5.69	-5.22/-4.44	-2.93/-1.79	-1.29/-1.31	-1.45/-1.26	-1.72/-2.27
θ=10°	-3.58/-4.16	-5.46/-6.61	-6.65/-4.68	-2.86/-1.53	-1.29/-1.5	-1.89/-2.29	-2.51/-2.36	-1.87/-1.74	-2.76/-4.38	-5.52/-6.66	-7.47/-9.31	-6.4/-7.75	-6.48/-4.94	-4.43/-3.87	-3.11/-2.45	-1.71/-1.32	-1.34/-1.88	-2.57/-3.09
θ=20°	-0.94/-0.56	-1.97/-4.35	-3.83/-1.84	-1.37/-1.53	-1.63/-2.45	-2.77/-2.65	-2.32/-2.46	-2.77/-3.76	-5.14/-5.99	-6.72/-6.79	-6.52/-7.9	-9.51/-10.63	-11.43/-11.98	-10.04/-10.26	-8.06/-5.72	-4.36/-3.56	-3.18/-2.48	
θ=30°	-0.02/0.88	-0.22/-0.71	-1.22/-1.74	-2.4/-2.17	-1.52/-2.24	-3.53/-4.54	-4.62/-4.44	-4.2/-3.03	-3.76/-4.99	-4.29/-4	-5.68/-5.13	-4.57/-4.95	-4.48/-4.13	-4.51/-3.84	-3.61/-3.66	-3.82/-4.72	-5.7/-5.43	-3.42/-1.14
θ=40°	0.5/1.35	0.77/-0.17	-0.22/0.34	1.89/1.79	0.86/0.2	-0.75/-1.74	-2.6/-3.08	-3.17/-2.18	-1.24/-1.02	0.1/-2.03	-3.69/-3.53	-2.79/-1.02	0.3/-0.35	-1.06/-0.95	-0.24/0.51	-0.94/-2.02	-1.56/-2.16	-1.74/-0.63
θ=50°	-0.03/0.77	1.51/1.65	0.63/-0.53	-1.53/-1.33	-0.92/-1.2	-1.14/-0.62	0.01/-0.07	-1.31/-1.54	-0.92/0.23	0.72/-1.45	-1.01/-3.79	-1.56/-1.31	-1.4/-0.88	-0.53/-0.32	-0.44/-0.18	0.4/-0.13	-0/0.53	1.12/1.02
θ=60°	1.66/1.37	0.67/1.31	1.27/-0.73	-1.61/-1.56	-1.02/-0.73	-0.23/0.37	1.19/1.24	0.2/-1.45	-0.79/1.2	1.43/1.15	-0.2/-1.25	-0.67/2.08	2.38/1.33	0.56/0.86	0.74/0.49	-0.9/-1.66	-0.76/0	0.8/1.73
θ=70°	1.23/-0.07	-0.27/1.07	1.03/-0.75	-1.49/-2.15	-1.7/-0.56	-1.95/-2.02	-0.94/-1.11	-1.95/-2.45	-0.69/0.92	1.27/1.63	1.42/2.03	1.65/0.64	0.8/0.56	1.24/0.45	-1.39/-2.01	-1.9/-0.04	1.12/0.19	
θ=80°	-1.06/-1.06	-0.22/0.53	-0.21/0.46	1.68/-0	-0.19/-0.14	-0.15/-2.32	-3.11/-3.24	-1.12/-1.32	-1.05/-0.48	0.9/0.86	-0.92/-0.65	0.76/2.34	1.69/1.46	1.96/0.62	0.91/1.11	-0.79/-2.47	-2.4/1.16	-0.83/-1.15
θ=90°	-2.36/-1.32	-1.76/-1.97	0.26/1.65	2.38/1.17	0.85/0.54	-0.01/-1.68	-2.26/-0.63	-4.54/-1.53	-5.02/0.43	1.41/0.38	-1.72/0.2	0.49/2.15	1.18/-0.67	-0.12/-0.52	-0.59/0.07	-1.13/-3.18	-2.27/0.33	-1.19/-1.92
θ=100°	-2.12/-2.61	-3.15/-2.13	0.41/0.9	1.87/-0.39	-0.19/-0.23	0.28/-1.18	-0.73/-4.79	-3.15/-1.06	-0.71/-1.47	-1.6/-2.86	-2.52/-0.96	0.34/-0.8	0.79/-1.57	-0.82/-2.01	-1.2/-1.65	-2.65/-5.21	-2.66/-1.99	-3.32/-2.26
θ=110°	-2.84/-2.33	-4.31/-2.43	-1.39/-0.52	-0.39/-1.76	-2.74/-2.65	-3.11/-3.03	-2.59/-1.49	-2.54/-2.4	-3.29/-4.4	-2.71/-4.9	-2.51/-0.68	-0.77/-1.19	-0.88/-3.52	-3.49/-7.9	-3.89/-2.63	-1.3/-3.53	-3.37/-3.88	-3.14/-1.38
θ=120°	-3.21/-3.4	-3.49/-3.46	-3.95/-3.59	-2.6/-2.21	-2.19/-2.11	-1.7/-2.16	-3.1/-2.46	-3.71/-4.98	-5.29/-4.92	-3.02/-3.65	-4.45/-4.35	-3.81/-4.84	-2.07/-1.88	-3.09/-8.07	-2.34/-1.64	-1.3/-7.99	-2.58/-2.69	-1.62/-1.68
θ=130°	-2.29/-2.7	-2.28/-2.87	-4.1/-5.06	-3.66/-4.31	-4.97/-4.76	-4.01/-4.72	-3.42/-3.87	-6.56/-7.31	-3.63/-2.87	-2.29/-3.09	-7.27/-4.98	-5.86/-4.28	-1.75/-5.12	-1.8/-5.1	-1.29/-5.56	-2.39/-6.35	-6.66/-4.2	-3.02/-1.6
θ=140°	-2.63/-3.06	-2.07/-3.78	-7.98/-8.1	-4.99/-1.86	-1.4/-2.25	-2.78/-2.6	-3.39/-2.7	-2.01/-2.49	-2.56/-4.32	-6.57/-4.38	-6.44/-4.72	-5.85/-3.52	-3.87/-5.24	-4.97/-5.68	-5.51/-4.08	-2.72/-2.85	-2.4/-1.39	-3.17/-5.03
θ=150°	-4.39/-3.73	-2.51/-3.23	-6.12/-8.15	-5.56/-4.25	-3.85/-3.92	-4.43/-4.79	-3.16/-1.48	-1.41/-3.18	-3.89/-3.27	-3.16/-1.32	-2.94/-1.36	-1/-1.53	-6.06/-9.34	-9.49/-8.94	-6.27/-2.83	-1.92/-3.44	-4.1/-4.3	-6.18/-5.17
θ=160°	-4.67/-4.51	-3.43/-2.71	-4.12/-6.55	-9.53/-10.17	-9.12/-8.17	-7.91/-6.67	-5.19/-5.06	-5.57/-6.5	-5.89/-4.31	-4.22/-3.83	-2.92/-2.76	-4.23/-6.2	-9.53/-11.13	-10.24/-12.16	-10.94/-9.69	-6.79/-5.11	-3.78/-2.71	-4.22/-5.3
θ=170°	-6.15/-7.67	-9.23/-10.02	-9.98/-9.81	-10.29/-10.53	-7.77/-7.3	-7.45/-7.64	-7.45/-6.51	-5.61/-5.91	-7.19/-9.24	-8.09/-7.52	-7.05/-7.17	-7.13/-9.24	-10.36/-9.97	-10.36/-9.58	-7.5/-6.29	-5.69/-5.29	-4.52/-4.4	-5.1/-5.16
θ=180°	-10.12/-9.11	-8.24/-7.84	-7.81/-8.63	-10.13/-11.37	-12.26/-12.19	-12.33/-10.98	-9.63/-9.48	-9.6/-10.16	-10.94/-11.59	-11.91/-12.19	-11.16/-11	-11.23/-11.51	-11.53/-11.14	-10.99/-11.07	-10.74/-10.33	-9.57/-9.7	-10.83/-10.95	-10.32/-10.11
Freq[Hz]	5.785GPol.	Theta=	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
DG(dB)	Φ(0°)/Φ(15°)	Φ(30°)/Φ(45°)	Φ(60°)/Φ(75°)	Φ(90°)/Φ(105°)	Φ(120°)/Φ(135°)	Φ(150°)/Φ(165°)	Φ(180°)/Φ(195°)	Φ(210°)/Φ(225°)	Φ(240°)/Φ(255°)	Φ(270°)/Φ(285°)	Φ(300°)/Φ(315°)	Φ(330°)/Φ(345°)	Φ(345°)/Φ(360°)
θ=0°	-3.91/-2.63	-1.81/-1.21	-1.1/-1.11	-1.35/-2.08	-2.68/-4.69	-5.64/-6.8	-7.46/-7.57	-7.44/-6.15	-7.44/-5.66	-3.76/-2.44	-1.75/-1.2	-1/-1.34	-1.54/-1.66	-2.47/-3.73	-4.8/-5.32	-6.11/-7.24	-7.95/-7.11	-6.49/-4.84
θ=10°	-2.94/-2.12	-1.27/-1.12	-0.91/-1.06	-1.16/-1.14	-1.22/-1.58	-1.69/-2.37	-3.51/-4.38	-5.5/-7.07	-7.45/-6.42	-5.59/-4.57	-4/-3.44	-3.27/-2.54	-1.5/-0.99	-1.07/-1.64	-2/-2.55	-3.8/-4.02	-3.94/-3.6	-3.54/-3.38
θ=20°	-3.04/-3.25	-1.86/-0.89	-0.69/-1.65	-1.71/-1.74	-1.58/-2.14	-2.48/-3.02	-3.52/-3.72	-3.99/-4.72	-5.77/-5.48	-4.72/-4.16	-3.43/-2.75	-2.04/-1.89	-1.63/-1.35	-1.37/-1.58	-1.58/-2.45	-2.85/-2.91	-2.46/-2.65	
θ=30°	-3.24/-3.78	-3.97/-2.64	-2.88/-2.38	-1.91/-2.07	-3.04/-3.59	-4.17/-4.37	-4.1/-4.02	-4.53/-5.16	-5.43/-4.15	-3.16/-6	-6.99/-5.84	-4.29/-2.96	-2.49/-1.61	-0.86/0.07	0.61/1.02	0.7/-0.34	-1.22/-1.83	-2.44/-2.87
θ=40°	-4.62/-4.37	-4.17/-1.69	-1.18/-0.9	-1.79/-2.07	-3.3/-2.59	-3.11/-1.23	-2.23/-2.61	-3.89/-3.04	-1.67/-2.46	-5.58/-4.72	-2.81/-1.75	-1.71/-1.72	-1.01/-0.99	-0.62/-0.88	1.99/2.01	-2.01/-4.08	-2.13/-3.32	
θ=50°	-6.37/-5.39	-1.65/-0.43	-0.35/-0.5	-2.23/-3.41	-3.36/-2.58	-0.91/0.39	-0.17/-1.14	-1.36/0.47	0.48/-0.44	0.19/-1.24	-3.65/-2.28	-1.59/-0.85	-1.75/-4.65	-5.85/-1.89	-0.31/0.24	-1.05/-3.05	-4.82/-6.31	-3.82/-4.34
θ=60°	-5.13/-4.28	-1.02/-0.97	-1.2/-1.78	-1.26/-0.79	1.11/2.28	1.29/0.11	-0.94/-2.08	-1.33/-0.57	0.18/-0.79	-2.66/-1.37	-1.26/-1.74	-4.33/-4.32	-4.1/-3.16	-1.23/-0.71	-2.31/-4.56	-6.9/-5.53	-3.64/-4.63	
θ=70°	-5.19/-4.05	-3.37/-2.76	-0.61/2.01	2.07/1.49	2.54/2.46	0.63/-0.24	-0.83/-3.46	-6.04/-1.96	-0.89/-0.17	-0.33/-1.25	-3.57/-1.67	-2.7/-1.01	-0.46/-1.07	-0.34/-1.04	1.1/1.6	0.49/-1.61	-2.58/-5.49	-5.12/-4.86
θ=80°	-4.84/-3.13	-1.39/-1.58	0.71/2.52	1.67/1.12	1.14/0.13	-0.82/-1.07	-1.52/-3.31	-3.44/-3.26	-2.02/-1.03	-1.11/-0.39	-3.71/-3.85	-3.72/-1.04	-0.29/0.18	1.36/0.76	1.65/1.2	-0.39/-1.92	-2.87/-2.1	-0.94/-5.22
θ=90°	-2.79/-2.94	-2.35/-4.1	-1.08/2.89	2.89/1.4	0.54/-0.34	-0.49/-1.53	-1.74/-2.52	-2.16/-2.38	-2.11/-1.87	-2.77/-2.18	-2.9/-3.95	-2.77/-0.6	0.15/1.68	2.19/2.14	2.51/2.57	-0.11/-1.82	-3.15/-2.71	-2.12/-2.59
θ=100°	-2.92/-3.19	-0.53/1.38	3.24/4.43	3/1.08	-0.31/-2.6	-1.01/-0.18	2.01/2.19	0.93/-0.37	-2.21/-2.93	-2.49/-2.45	-2.35/-0.67	-0.93/-2.08	0/-0.09	-2.12/-1.95	-0.47/-2	-1.15/-0.3	-1.22/-1.51	-2.14/-2.67
θ=110°	-3.84/-2.42	-2.33/-0.38	-0.56/-2.17	-3.54/-5.73	-4.23/-1.43	0.2/0.6	1.85/-0.56	-3.32/-2.45	-0.71/1.55	-3.25/-0.73	0.38/-0.35	-1.12/-1.11	-2.63/-4.46	-1.32/-2.67	-1.2/-2.43	-2.2/-0.85	-0.91/-2.52	
θ=120°	-4.16/-2.46	-1.89/-3.26	-3.02/-1.06	-5.81/-5.9	-0.04/-1.93	-4.04/-3.3	-3.62/-2.9	-1.21/-0.36	-1.43/-2.44	-1.85/-3.87	-3.32/-0.66	-1.46/-2.35	-1.29/-0.91	-0.85/-3.55	1.11/-2.08	-1.23/-3.46	-6.78/-2.04	-1.62/-0.9
θ=130°	-4.73/-4.22	-3.81/-1.37	-1.66/-2.37	-3.26/-2.38	-2.75/-1.73	-0.35/-1.93	-2.33/-2.25	-2.13/-4.67	-5/-5.9	-5.12/-2.53	-4.85/-4.46	-1.58/-1.34	-3.38/-4.33	-1.38/-2.86	-5.37/-3.77	-4.37/-3.37	-3.82/-1.61	
θ=140°	-5.62/-4.13	-1.91/0.29	-0.96/-2.77	-3.14/-3.36	-2.64/-2.11	-2.58/-3.05	-2.81/-3.12	-3.11/-4.06	-5.87/-8.17	-7.94/-6.53	-4.16/-3.55	-3.55/-5.84	-4.01/-2.22	-2.67/-5.1	-4.02/-3.25	-4.5/-2.39	-2.86/-2.81	-5.93/-5.46
θ=150°	-4.42/-3.92	-3.8/-4.02	-3.98/-3.01	-2.99/-3.03	-3.04/-3.07	-2.48/-4.77	-5.41/-5.91	-7.86/-9	-8.49/-6.81	-7.1/-7.49	-6.78/-5.43	-3.93/-1.92	-3.66/-4.95	-6.94/-7.43	-7.18/-2.96	-5.18/-4.95	-4.21/-4.61	
θ=160°	-4.5/-5.53	-6.34/-6.67

Gain Result

Freq(Hz)	5.6GPol.	Pol/Ant. 1	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠
Gain	0(0°)/θ(15°)	Φ(30°)/θ(30°)	Φ(45°)/θ(60°)	Φ(60°)/θ(75°)	Φ(90°)/θ(90°)	Φ(100°)/θ(110°)	Φ(120°)/θ(130°)	Φ(140°)/θ(150°)	Φ(160°)/θ(170°)	Φ(180°)/θ(190°)	Φ(200°)/θ(210°)	Φ(220°)/θ(230°)	Φ(240°)/θ(250°)	Φ(260°)/θ(270°)	Φ(280°)/θ(290°)	Φ(300°)/θ(310°)	Φ(320°)/θ(330°)	Φ(340°)/θ(350°)
θ(0°)	-4.49/-5.44	-7.08/-8.94	-11.27/-14.95	-16.16/-18.35	-17.29/-12.61	-10.09/-7.7	-6.35/-5.8	-5.1/-4.82	-4.94/-4.69	-4.82/-5.49	-6.37/-5.81	-10.8/-14.44	-19.81/-17.85	-17.4/-14.03	-10.57/-7.45	-5.81/-5.02	-4.99/-4.51	-4.34/-3.84
θ(15°)	-2.36/-3.3	-5.22/-7.83	-10.68/-14.37	-18.17/-18.2	-13.85/-10.43	-8.75/-7.81	-7.6/-8.15	-8.17/-8.57	-8.41/-10.18	-10.86/-11.36	-13.13/-15.41	-18.28/-17.86	-18.7/-17.6	-17.29/-16.43	-14.92/-11.87	-8.29/-5.69	-4.4/-3.8	-3.06/-2.25
θ(30°)	-2.3/-2.4	-4.62/-6.04	-12.73/-18.36	-19.27/-18.61	-12.12/-10.77	-8.19/-9.07	-11.89/-16.1	-18.31/-18.64	-17.69/-19.03	-18.41/-16.76	-17.26/-17.33	-17.09/-16.26	-15.9/-13.97	-11.01/-8.78	-5.72/-3.51	-2.23/-2.1		
θ(45°)	-2.16/-2.5	-4.54/-7.17	-9.19/-10.96	-11.04/-9.69	-8.94/-8.71	-8.68/-11.37	-12.1/-14.7	-16.38/-13.41	-10.26/-9.9	-7.55/-5.86	-6.69/-7.87	-8.66/-9.08	-9.55/-7.64	-8.84/-5.27	-4.76/-3.68	-2.74/-2.83	-2.83/-2.5	
θ(60°)	-2.24/-1.89	-3.2/-4.84	-6.89/-8.58	-8.6/-6.89	-7.33/-7.76	-7.45/-7.3	-7.56/-7.36	-8.13/-9.23	-6.99/-4.12	-4.12/-5.11	-3.49/-3.27	-4.36/-4.07	-3.31/-2.04	-1.12/-0.77	0.28/0.42	-0.31/-1.61	-1.94/-1.19	-1.95/-2.59
θ(75°)	-1.89/-1.56	-2.3/-3.57	-4.72/-6.32	-7.66/-6.79	-8.42/-8.02	-7.02/-6.81	-4.18/-3.5	-3.36/-4.42	-5.27/-4.57	-5.11/-3.45	-1.23/-1.91	-1.56/-2.05	-1.36/-0.77	0.56/1.21	2.57/2.66	-0.72/-1.86	-2.74/-2.87	-2.48/-2.52
θ(80°)	-1.02/-0.45	-0.29/-1.4	-2.47/-4.7	-8.18/-11.22	-8.75/-6.94	-6.68/-6.31	-4.47/-2.49	-1.96/-1.78	-1.41/-0.16	0.17/-1.27	-1.77/-1.25	-2.62/-1.4	-1.62/-3.02	-3.7/-2.15	-1.29/-0.9	-2.14/-3.3	-4.68/-5.67	-5.45/-2.32
θ(70°)	-1.79/-0.2	-0.26/-1.63	-1.9/-4.44	-8.73/-14.55	-10.02/-12.81	-12.76/-12.09	-7.07/-3.36	-1.9/-2.64	-2.85/-0.5	0.3/0.06	1.18/-0.84	-2.35/-3.14	-9.53/-11.34	-6.7/-4.75	-7.4/-5.07	-2.98/-2.55	-2.51/-4.84	-4.84/-2.77
θ(60°)	-2.86/-1.94	-2.2/-2.95	-1.3/-0.96	-2.96/-5.9	-8.14/-5.04	-3.49/-4.54	-4.61/-4.4	-6.01/-3.51	-1.46/-0.6	-1.56/-2.94	-2.41/0.7	-0.46/-4.03	-5.46/-2.15	-0.03/-1.87	-2.43/-4.62	-3.58/-2.81	-3.66/-3.14	-4.65/-2.39
θ(50°)	-4.58/-3	-3.67/-5.39	-2.88/-0.74	-1.41/-2.24	-2.62/-0.93	-0.92/-3.58	-3.49/-4.57	-4.86/-5.19	-2.5/-0.9	-2.62/-5.51	-3.43/-1.26	-1.66/-5.55	-2.95/1.06	-0.43/-2.26	-3.41/-3.52	-7.13/-5.97	-4.13/-4.34	-7.4/-5.27
θ(40°)	-6.52/-4.96	-4.97/-5.28	-2.82/-2.58	-1.97/-3.31	-3.44/-1.73	-1.33/-1.2	0.33/-0.36	-1.51/-2.92	-4.43/-4.33	-7.96/-6.26	-1.87/-1.15	-2.33/-5.48	-1.65/-5.36	-5.56/-5.93	-7.73/-9.16	-14.82/-12.01	-8.29/-7.05	-9.92/-9.53
θ(30°)	-10.53/-10.53	-8.2/0.7	-5.39/-2.89	-2.78/-3.42	-3.2/-2.31	-2.15/-0.37	-0.73/-0.31	-2.12/-5.46	-5.95/-3.9	-4.36/-5.26	-2.81/-4.13	-1.63/-3.97	-2.52/-2.4	-7.69/-9.66	-7.25/-10.93	-8.89/-11.14	-11.79/-7.79	-11.48/-10.26
θ(20°)	-12.33/-12.81	-9.69/-7.6	-8.27/-5.18	-5.35/-7.36	-6.54/-3.74	-1.22/-3.15	-5.48/-5.36	-7.68/-5.02	-2.68/-0.33	-1.61/-2.97	-5.76/-5.23	-4.21/-9.34	-7.09/-4.27	-7.89/-4.27	-9.31/-18.25	-13.66/-19.16	-8.79/-9.35	
θ(10°)	-13.27/-11.8	-11.77/-10.51	-12.08/-9.79	-6.43/-6.55	-9.52/-9.55	-8.85/-10.14	-8.18/-6.45	-2.97/0.12	-0.49/-2.53	-3.21/-4.76	-5.9/-6.43	-5.42/-4.99	-3.82/-2.87	-8.36/-10.35	-8.21/-10.02	-17.76/-11.52	-13.71/-12.87	-12.72/-13.65
θ(140°)	-18.27/-16.04	-11.66/-11.06	-12.71/-12.19	-9.22/-7.43	-6.94/-6.47	-5.86/-5	-4.77/-3.72	-1.59/-0.25	-1.59/-4.57	-6.28/-6.49	-5.66/-5.84	-9.35/-12.54	-14.36/-14.33	-18.38/-17.53	-18.87/-19.03	-16.39/-16.93	-16.43/-11.21	-10.26/-14.56
θ(150°)	-13.49/-15.63	-16.73/-13.63	-14.71/-15.03	-11.36/-9.42	-7.79/-6.26	-5.52/-5.46	-4.49/-3.36	-3.21/-4.75	-6.66/-4.38	-1.21/0.31	-0.03/0.17	-0.77/-3.91	-8.81/-12.47	-19.47/-18.04	-14.06/-11.31	-11.96/-13.25	-16.31/-15.25	-12.97/-11.96
θ(160°)	-13.48/-13.75	-15.27/-14.2	-12.03/-13.37	-17.2/-16.61	-11.49/-9.5	-8.13/-7.86	-8.73/-9.03	-7.66/-5.19	-2.97/-1.69	-1.71/-2.92	-6.74/-10.43	-13.64/-18.32	-19.08/-19.09	-18.35/-18.77	-17.23/-15.15	-14.15/-14.63	-14.13/-13.52	
θ(170°)	-8.85/-10.69	-15.21/-19.03	-18.87/-18.39	-16.42/-14.59	-12.59/-10.78	-9.83/-9.05	-8.76/-8.7	-8.45/-8.03	-7.95/-9.08	-10.75/-12.43	-14.89/-16.81	-18.52/-18.82	-17.65/-18.83	-18.91/-18.45	-18.37/-19.62	-18.79/-18.82	-16.48/-11.68	-8.9/-8.05
θ(180°)	-12.27/-14.08	-14.83/-15.89	-16.37/-15.83	-17.91/-18.27	-17.41/-18.63	-16.99/-16.14	-16.73/-14.89	-15.03/-16.65	-18.25/-18.13	-18.25/-18.13	-19.13/-14.7	-17.75/-18.35	-19.13/-14.7	-12.68/-11.12	-11.28/-11.39	-11.62/-10.94	-11.11/-11.86	-12.34/-13.15
Freq(Hz)	5.6GPol.	Theta/Ant. 1	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠
Gain	0(0°)/θ(15°)	Φ(30°)/θ(30°)	Φ(45°)/θ(60°)	Φ(60°)/θ(75°)	Φ(90°)/θ(90°)	Φ(100°)/θ(110°)	Φ(120°)/θ(130°)	Φ(140°)/θ(150°)	Φ(160°)/θ(170°)	Φ(180°)/θ(190°)	Φ(200°)/θ(210°)	Φ(220°)/θ(230°)	Φ(240°)/θ(250°)	Φ(260°)/θ(270°)	Φ(280°)/θ(290°)	Φ(300°)/θ(310°)	Φ(320°)/θ(330°)	Φ(340°)/θ(350°)
θ(0°)	-9.79/-8.29	-6.82/-4.86	-4.03/-3.45	-3.39/-3.82	-4.87/-5.79	-7.46/-9.14	-11.04/-13.7	-17.46/-18.34	-17.78/-16.71	-11.09/-9.07	-7.21/-6.09	-5.02/-4.51	-4.12/-4.54	-5.58/-6.07	-6.93/-6.86	-6.88/-8.35	-12.59/-18.45	-17.36/-12.88
θ(15°)	-14.39/-8.42	-5.65/-4.72	-4.17/-4.03	-4.59/-5.49	-6.74/-7.99	-8.7/-9.4	-10.28/-10.79	-10.2/-9.82	-9.58/-9.9	-10.51/-11.68	-11.89/-11.13	-9.53/-8.8	-7.59/-6.85	-6.5/-6.4	-5.39/-5.74	-5.49/-5.89	-7.36/-10.35	-15.64/-18.66
θ(20°)	-17.5/-11.58	-9.24/-7.32	-6.49/-7.35	-8.8/-8.96	-8.7/-8.34	-7.67/-7.47	-7.55/-8.77	-9.85/-8.76	-8.07/-9.9	-13.33/-13.06	-13.03/-14.1	-12.84/-11.74	-12.5/-14.83	-16.4/-14.85	-13.2/-10.87	-8.58/-6.42	-7.04/-9.66	-12.27/-15.65
θ(30°)	-11.62/-18.27	-11.42/-12.86	-13.9/-17.96	-15.86/-12.79	-11.66/-10.92	-10.87/-12.67	-15.23/-14.25	-13.41/-10.67	-8.41/-11.06	-13.86/-17.37	-18.02/-18.15	-17.81/-18.63	-18.08/-16.82	-14.43/-13.41	-12.87/-14.59	-13.14/-17.87	-12.02/-10.39	-11.04/-11.08
θ(40°)	-8.79/-8.93	-7.34/-8.68	-10.2/-14.22	-18.89/-19.31	-17.98/-16.24	-13.05/-12.8	-14.78/-18.17	-16.56/-11.35	-9.32/-12.07	-19.02/-18.39	-19.34/-15.99	-11.99/-14.24	-15.42/-11.51	-10.65/-15.65	-11.71/-10.15	-14.47/-12.98	-17.93/-14.82	-11.81/-11.24
θ(50°)	-10.91/-8.89	-7.26/-6.03	-9.51/-11.36	-13.62/-15.32	-18.84/-18.73	-19/-15.65	-16.42/-16.77	-15.06/-13.36	-14.69/-16.04	-16.36/-17.11	-15.61/-10.16	-10.43/-10.35	-9.81/-11.57	-13.74/-16.27	-13.15/-12.85	-10.73/-15.41	-17.58/-18.93	-13.53/-11.54
θ(60°)	-7.96/-7.22	-6.21/-5.96	-7.9/-7.96	-8.28/-8.89	-15.14/-15.83	-18.79/-17.52	-18.57/-15.57	-14.2/-18.73	-19.02/-15.3	-18.2/-18.75	-19.01/-15.57	-17.19/-19.24	-17.86/-19.25	-17.82/-18.66	-16.06/-18.56	-15.36/-14.23	-16.06/-11.89	-13.35/-13
θ(70°)	-10.5/-10.01	-7.78/-8.28	-9.64/-7.86	-5.23/-7.34	-9.67/-11.53	-18.74/-17.32	-18.25/-14.41	-14.7/-15.65	-18.37/-18.59	-17.67/-16.29	-18.29/-17.55	-16.17/-18.12	-16.65/-18.66	-14.99/-17.71	-19.15/-18.52	-18.7/-19.22	-17.72/-14.27	
θ(80°)	-11.74/-7.35	-7.12/-9.67	-15.57/-9.34	-9.64/-13.46	-17.52/-18.57	-18/-17.4	-19.16/-18.43	-12.92/-13.95	-18.09/-18.46	-18.72/-12.77	-9.11/-15.17	-18.83/-12.13	-18.77/-16.2	-17.48/-11.62	-11.19/-14.66	-17.19/-18.94	-13.39/-14.16	
θ(90°)	-13.29/-11.8	-9.94/-12.51	-19/-15.73	-13.9/-16.15	-17.49/-16.15	-18.77/-19.14	-18.33/-17.88	-12.02/-8.81	-12.41/-19.17	-10.64/-7.82	-8.82/-14.62	-14.08/-14.24	-17.79/-17.71	-14.02/-15.6	-9.4/-12.32	-17.29/-14.98	-13.91/-11.07	-18.95/-15.32
θ(100°)	-16.25/-12.89	-8.32/-11.13	-18.47/-10.76	-13.51/-18.98	-18.05/-16.85	-16.42/-11.95	-13.97/-12.98	-11.1/-12.44	-15.46/-10.99	-10.78/-13.47	-16.19/-19.28	-13.4/-12.89	-15.14/-18.27	-17.59/-13.2	-17.57/-12.1	-13.85/-17.1	-14.68/-11.91	-10.59/-14.89
θ(110°)	-18.84/-17.43	-16.77/-17.18	-18.65/-15.01	-16.92/-17.95	-17.83/-18.36	-17.68/-18.89	-17.86/-16.32	-18.96/-18.06	-11.61/-8.43	-10.53/-17.22	-13.82/-10.45	-15.83/-17.37	-13.28/-18.44	-14.4/-17.45	-15.75/-19.43	-14.35/-16.05	-16.63/-11.63	-19.59/-18.41
θ(120°)	-17.94/-12.14	-15.06/-18.69	-18.77/-14.35	-11.25/-15.65	-18.04/-19.15	-17.16/-19.36	-19.19/-16.48	-14.36/-12.11	-11.83/-12.19	-12.24/-17.84	-18.7/-16.8	-15.54/-16.53	-18.67/-8.8	-16.66/-9.03	-17.54/-17.07	-14.97/-18.15	-16.55/-14.83	
θ(130°)	-16.3/-17.02	-14.64/-16.05	-18.43/-16.98	-15.8/-15.8	-18.29/-18.11	-18.01/-15.53	-19.04/-18.8	-18.56/-17.37	-14.27/-9.22	-8.1/-19.07	-13.07/-13.78	-17.54/-12.68	-14.55/-9.36	-17.58/-13.77	-12.82/-18.73	-17.7/-13.92	-11.15/-10.41	
θ(140°)	-13.92/-10.78	-12.41/-16.82	-16.77/-16.4	-18.7/-11.62	-12.14/-12.55	-10.2/-9.62	-10.7/-10.2	-14.58/-16.19	-17.6/-17.57	-18.21/-13.66	-8.96/-8.66	-10.89/-11.03	-8.26/-6.57	-9.65/-17.15	-16.82/-14.4	-18.52/-16.42	-11.23/-10.58	-11.16/-17.6
θ(150°)	-17.31/-14.26	-16.61/-16.5	-18.08/-16.56	-18.61/-16.04	-15.61/-13.38	-12.23/-10	-9.63/-10.58	-14.43/-17.9	-19.17/-19.2	-18.62/-16.92	-11.48/-8.88	-8.55/-6.36	-6.3/-8.22	-9.41/-11.76	-9.93/-18.31	-18.69/-18.35	-14.83/-17.99	-18.27/-17.05
θ(160°)	-16.07/-15.87	-18.02/-17.71	-18.99/-17.98	-17.93/-15.57	-15.92/-16.16	-15.08/-12.9	-12.59/-15.77	-18.01/-18.24	-15.82/-12.9	-9.62/-8.5	-8.81/-9.62	-10.37/-11.01	-12.61/-17.82	-17.81/-16.07	-18.29/-18.15	-18.85/-17.88	-18.13/-14.3	-14/-14.39
θ(170°)	-19.12/-16.85	-14.37/-13.28	-12.8/-12.43	-12.73/-12.57	-12.3/-12.76	-13.83/-14.16	-14.03/-14.69	-15.15/-17.18	-17.3/-17.94	-18.37/-18.05	-18.54/-17.04	-18.65/-18.06	-13.74/-10.2	-9.89/-11.64	-13.82/-18.33	-17.72/-19.18	-18.1/-18.48	-19.09/-17.42
θ(180°)	-15.91/-16.59	-18.39/-17.54	-17.22/-15.76	-15.14/-13.79	-12/-12.68	-14.48/-16	-17.24/-17.7	-18.68/-18.65	-18.51/-17.03	-15.4/-14.71	-13.32/-14.79	-14.87/-17.2	-18.54/-18.83	-18.91/-17.33	-18.68/-18.34	-16.78/-15.21	-15.22/-14.92	
Freq(Hz)	5.785GPol.	Pol/Ant. 1	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠
Gain	0(0°)/θ(15°)	Φ(30°)/θ(30°)	Φ(45°)/θ(60°)	Φ(60°)/θ(75°)	Φ(90°)/θ(90°)	Φ(100°)/θ(110°)	Φ(120°)/θ(130°)	Φ(140°)/θ(150°)	Φ(160°)/θ(170°)	Φ(180°)/θ(190°)	Φ(200°)/θ(210°)	Φ(220°)/θ(230°)	Φ(240°)/θ(250°)	Φ(260°)/θ(270°)	Φ(280°)/θ(290°)	Φ(300°)/θ(310°)	Φ(320°)/θ(330°)	Φ(340°)/θ(350°)
θ(0°)	-9.99/-10.48	-10.75/-12.72	-14.66/-16.38	-17.4/-17.9	-19.18/-16.27	-14.09/-12.31	-11.43/-10.38	-9.7/-9.67	-10.28/-10.8	-10.57/-10.77	-10.78/-12.52	-14.46/-18.34	-17.94/-17.97	-16.47/-17.78	-15.04/-12.15	-10.25/-9.74	-9.87/-9.78	-8.62/-8.76
θ(15°)	-8.04/-7.02	-8.67/-12.06	-15.42/-14.34	-12.41/-11.8	-10.9/-11.92	-11.57/-12.21	-12.33/-11.86	-11.28/-11.32	-12.91/-10.1	-16.34/-16.56	-17.57/-15.92	-18.37/-18.52	-18.99/-17.98	-16.29/-16.15	-10.67/-8.22	-8.79/-9.55	-8.22/-8.06	
θ(20°)	-1.83/-2.81	-5.45/-10.52	-15.74/-12.79	-11.63/-12.12	-14.58/-18.9	-17.84/-17.81	-14.56/-12.47	-13.53/-18.31	-18.44/-18.55	-19.15/-16.41	-12.01/-12.27	-15.06/-18.49	-18.9/-18.83	-18.7/-17.9	-18.43/-15.45	-9.79/-5.79	-4.13/-3.36	-2.71/-2.06
θ(25°)	-0.86/-1.59	-3.87/-7.4	-14.72/-16.75	-14.92/-12.94	-10.17/-8.84	-8.4/-8.47	-8.18/-11.06	-18.32/-18.23	-18.63/-13.04	-8.36/-6.62	-8.48/-7.29	-7.46/-9.46	-10.43/-10.08	-11.1/-11.28	-10/-6.86	-5.49/-4.41	-4.07/-3.64	-2.36/-1.16
θ(30°)	-1.18/-1.53	-2.59/-4.93	-6.43/-6.42	-4.2/-2.77	-2.67/-2.28	-2.07/-2.3	-4.4/-7.77	-12.57/-13.78	-8.69/-3.82	-1.9/-3.21	-3.46/-2.95	-4.4/-4.37	-2.69/-2.4	-2.41/-1.58	-0.63/-2.87	-1.53/-1.83	-1.19/-2.34	-3.68/-2.69
θ(35°)	-0.4/-0.76	-1.55/-3.12	-5.67/-7.8	-7.22/-5.68	-3.41/-1.76	-1.4/-1.14	-1.22/-2.01	-4.62/-6.09	-5.33/-1.89	-1.34/-3.19	-2.09/-4.72	-5.46/-3.33	-1.1/-0.04	0.42/0.69	1.92/0.99	0.48/-0.76	-2.49/-2.14	-1.86/-1.89
θ(40°)	-0.61/-0.45	-2.49/-3.28	-5.29/-5.31	-8.58/-7.94	-4.78/-3.38	-3.18/-3.47	-3.07/-2.18	-2.6/-2.69	-1.33/0.31	0.86/0.02	-1.21/-2.15	-2.86/0.37	0.6/-1.28	-2.46/-2.34	-1.58/-1.23	-1.23/-3.45	-4.44/-3.74	-1.97/-1.07
θ(45°)	-1.97/-2.05	-1.98/-1.79	-2.27/-5.23	-10.54/-18.07	-9.67/-7.38	-7.84/-9.16	-6.05/-4.42	-3.26/-2.32	-1.04/0.26	1.27/2.64	1.72/0.68	-2.34/-3.72	-4.77/-5.33	-3.68/-3.22	-2.95/-3.34	-5.34/-4.35	-2/-1.95	
θ(50°)	-3.56/-2.3	-1.68/-2.63	-2.49/-2.61	-4.18/-6.76	-5/-3.25	-2.47/-4.7	-7.17/-10.64	-6.93/-2.49	-0.55/-0.6	-0.32/-1.21	-2.14/-0.87	-2.53/-3.31	-2.88/-0.94	-1.32/-1.75	-0.54/-0.92	-3.53/-5.68	-4.99/-2.16	-2.72/-2.91
θ(55°)	-5.44/-4.65	-3.44/-4.85	-1.76/-0.97	-0.52/-1.84	-0.64/0	-0.61/-0.62	-5.14/-3.9	-2.02/-0.52	-0.64/-2.89	-2.74/-1.32	-3.4/-2.54	-1.59/-0.19	-1.26/-2.1	-7.83/-7.76	-4.78/-2.76	-3.89/-3.86	-4.91/-3.86	
θ(60°)	-5.09/-4.41	-5.15/-7.04	-3.88/-1.69	-0.55/-2.66	-1.3/-0.99	1.24/-0.63	-0.75/-3.14	-3.31/-1.76	-1.1/-2.44	-5.36/-4.81	-3.66/-1.77	-1.73/-7.14	-1.17/0.05	-5.11/-4.95	-6.59/-8.35	-6.39/-6.75		
θ(70°)	-7.43/-6.86	-8.2/-8.71	-6.9/-2.62	-2.21/-3.2	-3/-2.37	-2.17/-2.67	-0.39/1.2	-0.01/-3.25	-7/-8.9	-4.12/-4.75	-1.76/-4.12	-2.89/-4.23	-0.94/-1.85	-7.81/-10.35	-11.66/-18.89	-12.59/-9.2	-9.91/-11.12	-11.65/-8.46
θ(120°)	-11.5/-12.81	-8.96/-8.4	-8.9/-4.08	-3.94/-4.66	-3.93/-2.29	-0.87/-1	-0.93/-1.11	-3.07/-6.55	-6.83/-2.48	-2.47/-3.81	-3.41/-8.44	-9.35/-16.25	-6.15/-3.8	-7.17/-14.17	-9.86/-9.43	-9.75/-17.17	-12.54/-17.97	-5.95/-7.93
θ(130°)	-18.83/-19.22	-12/-8.05	-12.16/-11.57	-8.69/-9.76	-9.51/-5.91	-4.68/-4.3	-4.38/-5.42	-7.84/-6.37	-2.49/-0.91	-0.77/-3.79	-7.66/-9.66	-12.63/-7.2	-4.55/-3.04	-6.14/-10.45	-7.33/-10.73	-14.99/-18.94	-17.81/-13.16	-11.62/-14.28
θ(140°)	-18.47/-17.64	-13.74/-10.82	-14.39/-16.64	-11.89/-8.11	-6.91/-6.1	-5.84/-5.48	-5.98/-5.03	-2.39/-0.83	-1.29/-3.6	-6.64/-7.14	-7.56/-6.95	-10.04/-12.02	-13.61/-18.03	-18.08/-18.09	-18.91/-17.21	-14.44/-18.01	-16.26/-10.69	-10.36/-18.63
θ(150°)	-17.85/-18.8	-15.22/-12.66	-17.84/-17.4	-10.47/-8.32	-7.07/-6	-5.3/-5.49	-4.41/-2.76	-2.24/-2.72	-5.06/-6.04	-2.71/-0.12	-0.05/-0.34	-0.55/-3.39	-8.89/-16.84	-18.16/-15.55	-14.92/-13.18	-12.99/-12.88	-16.8/-17.02	-18.35/-16.17
θ(160°)	-13.55/-15.88	-19.46/-13.53	-13.13/-16.55	-18.59/-16.34	-12.76/-11	-9.91/-9.07	-8.43/-8.37	-8.37/-9.2	-7.39/-4.57	-2.96/-1.95	-1.6/-2.7	-5.62/-11.82	-14.37/-19.9	-17.94/-18.95	-16.48/-19.32	-17.41/-16.02	-16.84/-14.65	-15.47/-15.75
θ(170°)	-18.14/-17.38	-16.94/-15.72	-15.53/-12.51	-16.79/-9.92	-8.54/-5.8	-5.92/-10.97	-10.14/-8.48	-7.4/-7.17	-6.56/-10.42	-7.56/-10.54	-10.62/-18.9	-18.68/-19.42	-18.51/-17.94	-16.57/-13.48	-13.51/-19.19	-15.47/-11.02	-13.25/-9.64	
θ(180°)	-14.39/-14.43	-14.13/-13.3	-12.92/-14.36	-17.43/-17.97	-16.9/-18.79	-19.36/-17.7	-14.48/-13.56	-12.66/-13.76	-16.39/-18.22	-19.94/-18.2	-18.57/-18.56	-18.72/-18.96	-18.96/-18.51	-18.1/-17.86	-17.26/-17.5	-16.96/-17.19	-17.39/-17.17	-15.67/-14.48
Freq(Hz)	5.785GPol.	Theta/Ant. 1	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠
Gain	0(0°)/θ(15°)	Φ(30°)/θ(30°)	Φ(45°)/θ(60°)	Φ(60°)/θ(75°)	Φ(90°)/θ(90°)	Φ(100°)/θ(110°)	Φ(120°)/θ(130°)	Φ(140°)/θ(150°)	Φ(160°)/θ(170°)	Φ(180°)/θ(190°)	Φ(200°)/θ(210°)	Φ(220°)/θ(230°)	Φ(240°)/θ(250°)	Φ(260°)/θ(270°)	Φ(280°)/θ(290°)	Φ(300°)/θ(310°)	Φ(320°)/θ(330°)	Φ(340°)/θ(350°)
θ(0°)	-13.13/-11.4	-10.71/-10.52	-10.51/-10.53	-10.07/-10.33	-11.43/-13.04	-13.81/-16.36	-17.05/-18.15	-18.88/-17.54	-17.22/-15.68	-13.74/-11.68	-10.43/-9.37	-8.89/-9.24	-8.4/-8.64	-10.46/-13.31	-12.65/-12.3	-12.58/-14.94	-18.01/-17.92	-18.51/-14.88
θ(15°)	-15.65/-12.64	-11.51/-12.44	-12.68/-12.76	-11.39/-10.64	-9.89/-9.67	-9.06/-8.38	-8.01/-7.73	-9/-1	-10.8/-12.38	-14.5/-15.36	-16.53/-16.11	-15.24/-13.62	-10.77/-9.12	-8.33/-8.04	-7.24/-6.43	-6.87/-7.84	-8.66/-10.55	-14.83/-18.84
θ(20°)	-14.54/-14.17	-12.72/-11.57	-10.13/-9.78	-9.34/-7.8	-6.57/-6.09	-5.97/-6.17	-6.57/-7.32	-8.96/-9.39	-9.6/-10.94	-14.06/-13.89	-15.99/-16.68	-17.69/-19.18	-18.53/-17.87	-15.11/-13.25	-11.09/-9.18	-5.78/-6.03	-7.31/-8.65	-11.35/-13.42
θ(25°)	-13.09/-16.65	-19.1/-17.15	-15.79/-12.52	-12.03/-13.44	-12.78/-11.82	-12.35/-12.73	-14.03/-16.05	-17.9/-17.82	-14.51/-13.27	-14.36/-18.38	-15.35/-14.28	-14.95/-18.25	-18.45/-17.7	-16.8/-13.28	-15.28/-12.51	-9.08/-8.23	-9.96/-10.7	-13.26/-13.94
θ(30°)	-15.72/-13	-13.59/-13.46	-14.69/-16.78	-18.26/-17.76	-13.89/-14.12	-13.89/-14.52	-13.06/-14.1	-17.21/-14.63	-15.91/-9.52	-14.1/-16.17	-15.53/-15.1	-17.32/-15.94	-17.69/-19.18	-18.53/-17.87	-15.11/-13.25	-9.08/-8.23	-9.96/-10.7	-13.26/-13.94
θ(35°)	-11.73/-12.15	-7.32/-7.29	-9.37/-9.61	-12.45/-17.64	-18.87/-18.46	-12.78/-10.77	-14.4/-16.86	-7.42/-5.42	-10.28/-17.45	-18.82/-17.42	-12.22/-8.78	-11.71/-12.62	-14.24/-17.69	-17.85/-17.97	-14.92/-12.96	-18.86/-18.32	-18.73/-17.54	-11.92/-10.27
θ(40°)	-9.72/-10.19	-7.39/-9.28	-10.7/-9.02	-9.91/-12.63	-11.96/-9.76	-11.33/-14.57	-16/-11.07	-5.91/-5.92	-12.87/-17.65	-16.41/-14.51	-16.06/-13.1	-16.13/-17.96	-17.69/-18.19	-17.37/-15.38	-17.49/-18.11	-16.31/-18.47	-18.39/-14.39	-10.33/-9.03
θ(70°)	-10.15/-9.22	-9.3/-10.68	-8.31/-5.82	-9.13/-12.28	-9.64/-9.79	-14.65/-17.84	-18.74/-13.94	-8.65/-6.33	-16.31/-17.52	-12.16/-9.87	-13.12/-18.53	-18.7/-16.1	-16.45/-17.8	-16.15/-16.4	-18.8/-18.17	-17.35/-17.33	-18.59/-17.43	-19.1/-13.61
θ(80°)	-11.86/-11.97	-10.33/-13.2	-9.83/-7.25	-12.64/-13.99	-13.16/-18.86	-16.51/-15.15	-19.15/-17.35	-16.17/-8.37	-12.8/-17.76	-16.28/-8.34	-8.02/-17.32	-17.25/-16.1	-19.14/-18.56	-18.91/-17.74	-18.29/-18.02	-18.62/-19.39	-18.87/-18.79	-16.88/-13.8
θ(90°)	-12.25/-16.59	-14.29/-14.59	-13.65/-8.56	-12.84/-18.39	-13.95/-15.37	-13.96/-18.21	-17.45/-17.42	-15.73/-9.69	-8.05/-18.1	-12.38/-7.8	-9.92/-16.91	-13.49/-13.16	-15.95/-15.41	-17.1/-18.82	-13.25/-11.24	-17.86/-18.04	-18.25/-18.77	-17.89/-11.08
θ(100°)	-10.85/-16.91	-10.03/-9.41	-7.68/-5.86	-7.37/-9.67	-11.06/-13.43	-14.8/-12.83	-10.09/-11.55	-13.95/-6.65	-9.31/-18.37	-12.33/-12.18	-16.47/-17.23	-13.1/-18.31	-18.28/-18.59	-18.37/-18.73	-18.13/-11.47	-14.3/-17.65	-17.01/-15.9	-18.83/-11.84
θ(110°)	-16.49/-16.87	-12.4/-13.05	-15.56/-11.65	-18.26/-16.52	-15.45/-18.52	-14.67/-11.9	-11.59/-12.25	-11.59/-13.69	-17.94/-10.13	-9.48/-17.11	-15.89/-15.03	-15.06/-14.19	-16.3/-17.8	-15.04/-16.46	-13.28/-14.41	-19.22/-15.27	-15.34/-15.52	-18.51/-16.79
θ(120°)	-17.66/-13.19	-16.19/-18.68	-17.7/-16.93	-15.47/-17.91	-19.21/-17.29	-17.14/-17.55	-19.02/-18.26	-16.56/-12.87	-10.6/-8.31	-15.86/-18.83	-12.09/-14.22	-18.46/-10.37	-18.54/-16.48	-11.52/-12.75	-18.47/-11.62	-11.52/-18.72	-18.47/-11.62	
θ(130°)	-12.63/-15.16	-12.36/-13.84	-17.79/-11.83	-15.46/-14.64	-15.76/-15.16	-13.72/-15.27	-13.8/-19.49

θ (140°)	-3.85/-4.53	-6.71/-6.67	-7.74/-8.21	-6.14/-5.85	-8.96/-14.07	-14.62/-12.09	-11.28/-9.22	-17.95/-14.78	-14.44/-17.16	-14.96/-18.81	-19.28/-16.94	-10.77/-10.1	-14.88/-10.47	-10.93/-13.01	-9.69/-7.61	-4.49/-4.32	-5.86/-5.42
θ (150°)	-4.86/-5.58	-5.65/-5.15	-5.92/-7.72	-8.93/-8.55	-9.06/-13.11	-19.12/-16.73	-16.89/-18.59	-16.87/-13.12	-13.77/-18.47	-13.34/-11.31	-12.14/-13.96	-18.56/-15.19	-15.37/-18.25	-18.52/-18.11	-13.1/-10.31	-8.6/-7.98	-8.21/-7.34	-8.03/-6.22
θ (160°)	-4.67/-4.49	-4.38/-6.81	-9.06/-11.57	-13.84/-14.6	-15.11/-18.66	-18.36/-17.47	-18.38/-19.2	-19/-13.02	-17.47/-17.75	-17.31/-17.42	-17.87/-18.4	-17.87/-18.4	-18.73/-17.82	-19.15/-18.3	-17.54/-19.39	-18.23/-14.28	-9.82/-6.5	-5.9/-5.55
θ (170°)	-6.8/-8.02	-10.92/-11.3	-12.95/-16.49	-17.47/-17.78	-18.9/-18.9	-18.13/-18.16	-18.79/-18.39	-14.06/-12.42	-14.57/-17.24	-13.42/-14.7	-14.55/-13.38	-14.55/-13.38	-11.85/-12.79	-16.14/-19.02	-18.72/-18.97	-18.9/-18	-14.75/-13.27	-8.48/-7.81
θ (180°)	-12.42/-11.87	-12.48/-13.4	-14.1/-15.87	-19.86/-18.5	-18.41/-19.21	-17.91/-17.78	-15.6/-16.32	-14.76/-14.69	-15.19/-14.72	-14.56/-13.18	-13.3/-14.04	-15.43/-17.95	-19.02/-17.73	-18.95/-17.68	-18.74/-18.48	-19.15/-17.3	-17.67/-14.46
Freq(Hz)	5.6GPol.	Theta/Ant. 3	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	θ(0°)/θ(180°)	θ(-20°)/θ(-30°)	θ(40°)/θ(50°)	θ(60°)/θ(70°)	θ(80°)/θ(90°)	θ(100°)/θ(110°)	θ(120°)/θ(130°)	θ(140°)/θ(150°)	θ(160°)/θ(170°)	θ(180°)/θ(190°)	θ(200°)/θ(210°)	θ(220°)/θ(230°)	θ(240°)/θ(250°)	θ(260°)/θ(270°)	θ(280°)/θ(290°)	θ(300°)/θ(310°)	θ(320°)/θ(330°)	θ(340°)/θ(350°)
θ (0°)	-11.54/-10.07	-8.82/-8.27	-6.52/-6.06	-5.4/-5.03	-6.01/-6.08	-5.68/-5.38	-5.26/-5.26	-6.82/-10.14	-14.07/-12.36	-10.16/-8.82	-8.35/-7.88	-6.63/-5.81	-5.13/-4.38	-4.08/-4.51	-4.78/-5	-5.51/-6.2	-7.08/-8.08	-9.59/-10.37
θ (10°)	-8.49/-7.18	-6.71/-5.91	-5.65/-5.63	-5.65/-6.34	-6.57/-7.35	-8.24/-8.49	-8.95/-9	-10.53/-12.23	-12.3/-11.28	-9.9/-9	-8.3/-7.72	-6.76/-5.67	-5.64/-5.57	-6.1/-7.59	-9.1/-10.6	-12.09/-14.67	-15.72/-14.21	-10.88/-9.92
θ (20°)	-8.16/-7.72	-7.31/-5.51	-4.39/-3.9	-4.98/-5.48	-5.99/-7.03	-8.74/-10.64	-12.95/-12.68	-11.43/-11.43	-11.35/-12.56	-13.35/-15.98	-17.07/-14.36	-12.73/-14	-10.43/-18.56	-18.93/-19.04	-18.53/-19.01	-16.23/-11.5	-10.13/-8.41	
θ (30°)	-8.45/-8.73	-7.8/-5.49	-3.53/-2.48	-3.97/-1.56	-3.24/-5.05	-6.43/-7.43	-9.79/-15.13	-16.31/-16.68	-17/-16.1	-15.35/-17.49	-18.05/-18.6	-18.07/-17.22	-18.63/-13.58	-9.76/-10.87	-11.85/-12.3	-7.66/-6.16	-6.16/-7.54	
θ (40°)	-7.59/-13.56	-11.09/-5.99	-4.57/-3.53	-3.99/-3.85	-4.3/-6.4	-10.05/-13.48	-14.78/-11.87	-10.44/-10.34	-13.82/-18.82	-18.81/-16.68	-11.28/-14.13	-19.07/-15.5	-13.86/-18.68	-12.42/-9.49	-8.52/-8.71	-10.27/-13.08	-12.34/-9.25	-4.68/-5.96
θ (50°)	-11.17/-14.78	-10.43/-7.55	-6.33/-7.2	-8.55/-10.63	-9.51/-9.21	-10.74/-15	-11.65/-13.3	-15.21/-18.14	-14.22/-15.12	-17.33/-16.29	-10.33/-10.02	-17.44/-14.01	-15.74/-17.96	-18.61/-12.3	-8.43/-7.06	-7.39/-11.02	-11.21/-6.34	-5.1/-8.27
θ (60°)	-15.34/-16.09	-15.72/-13.43	-12.26/-12.58	-10.28/-14.47	-17.36/-9.49	-7.69/-8.67	-14.26/-15.38	-10.54/-16.66	-16.37/-14.72	-11.34/-7.15	-6.72/-11.88	-18.13/-17.58	-18.9/-14.64	-16.92/-12.39	-8.03/-6.01	-5.9/-13.25	-10.36/-6.79	-6.37/-10.41
θ (70°)	-18.35/-18.49	-18.96/-15.07	-13.85/-11.77	-9.55/-11.95	-14.33/-12.31	-10.85/-13.93	-18.54/-15.55	-17.31/-15.27	-17.6/-17.83	-10.23/-8.31	-9.15/-15.22	-19.38/-18.34	-16.6/-17.77	-13.84/-12.12	-8.3/-7.9	-9.78/-17.85	-16.92/-8.62	-9.57/-18.32
θ (80°)	-18.87/-18.48	-17.23/-14.89	-17.05/-17.62	-18.96/-18.09	-16.09/-12.03	-12.14/-16.43	-18.6/-18.06	-18.14/-14.49	-18.7/-16.23	-13.64/-8.19	-9.89/-17.63	-17.32/-18.89	-9.79/-11.84	-13.88/-14.75	-11.65/-10.53	-8.22/-11.35	-11.55/-17.86	
θ (90°)	-14.49/-17.97	-15.94/-15.29	-11.58/-14.12	-17.34/-18.59	-18.94/-17.79	-18.58/-18.11	-18.52/-17.6	-18.89/-16.92	-17.97/-18.76	-18.85/-10.69	-18.41/-17.98	-14.35/-17.48	-14.39/-15.81	-17.94/-18.38	-16.41/-10.23	-10.68/-17.24	-17.76/-17.12	-18.59/-19.27
θ (100°)	-17.33/-18.6	-18.04/-14	-15.21/-14.99	-13.91/-15.72	-17.6/-18.36	-18.11/-19.33	-17/-10.46	-18.93/-14.88	-17.01/-18.28	-17.52/-13.36	-17.01/-18.77	-18.73/-17.71	-18.47/-15.81	-18.42/-14.63	-18.54/-18.86	-17.36/-15.47	-18.32/-14.01	-13.87/-17.83
θ (110°)	-19.09/-13.23	-11.65/-12.48	-17.76/-10.64	-13.44/-16.81	-17.78/-19.56	-13.74/-13.73	-13.74/-13.73	-16.29/-15.72	-14.09/-17.17	-17.62/-13.22	-16.61/-11.66	-13.11/-10.54	-18.68/-17.63	-14.46/-18.09	-19.72/-10.28	-12.15/-13.51	-12.36/-16.45	-18.59/-15.44
θ (120°)	-17.72/-14.35	-12.17/-10.54	-19.07/-13.2	-14.44/-19.15	-18.21/-13.87	-18.12/-18.84	-16.44/-18.46	-16.54/-9.84	-16.28/-17.9	-17.66/-18.75	-17.66/-18.75	-11.05/-12.53	-15.85/-11.12	-17.28/-17.54	-12.94/-18.41	-8.11/-13.72	-18.45/-16.26	
θ (130°)	-14.23/-14.37	-13.72/-14.27	-19.14/-12.77	-8.6/-10.24	-11.01/-13.53	-18.2/-15.68	-11.25/-16.68	-14.19/-13.22	-13.51/-17.86	-17.07/-14.51	-18.61/-17.53	-8.39/-9.81	-17.94/-10.69	-10.68/-18.5	-8.74/-13.01	-14.59/-14.36	-19.33/-19.17	
θ (140°)	-18.56/-15.15	-8.74/-8.24	-12.55/-18.94	-15.51/-16.74	-17.58/-9.04	-8.6/-11.06	-14.15/-18.25	-19.55/-15.41	-19.19/-18.23	-16.13/-13.49	-14.97/-17.76	-17.22/-13.56	-8.66/-8.13	-15.75/-17.83	-17.6/-12.99	-9.53/-7.74	-9.82/-14.46	-17.8/-15.74
θ (150°)	-18.92/-11.79	-11.34/-8.87	-7.11/-7.61	-12.38/-17.12	-18.78/-17.29	-11.82/-10.93	-17.49/-17.26	-12.95/-11.35	-17.07/-18.84	-16.35/-18.94	-18.26/-16.05	-10.38/-9.12	-10.62/-17.84	-12.83/-9.78	-12.08/-11.57	-11.19/-10.84	-12.21/-14.79	
θ (160°)	-16.49/-18.96	-14.09/-8.94	-8.26/-9.3	-9.54/-12.46	-13.16/-15.25	-17.65/-18.17	-17.88/-18.97	-17.59/-19.32	-17.23/-18.48	-16.09/-13.89	-17.07/-13.66	-11.14/-11.55	-11.37/-10.81	-11.2/-12.38	-15.1/-14.88	-13.2/-13.2	-13.73/-15.62	
θ (170°)	-17.58/-14.32	-11.9/-12.49	-11.5/-11.05	-13.17/-18.59	-18.48/-18.73	-19.25/-17.98	-16.43/-18.6	-18.46/-17.95	-18.8/-18.4	-16.36/-17.13	-18.57/-18.96	-18.73/-17.71	-19.54/-15.26	-12.88/-11.34	-11.75/-13.64	-17.4/-18.58	-15.57/-16.41	
θ (180°)	-18.72/-18.9	-19.25/-14.97	-14.79/-17.83	-18.11/-17.28	-14.46/-12.74	-12.24/-11.06	-10.44/-11.94	-15.02/-17.95	-18.79/-18.18	-18.12/-17.91	-17.73/-18.9	-17.49/-16.16	-15.68/-16.14	-16.64/-17.83	-17.96/-18.78	-17.87/-19.06	-17.78/-19.07	-17.85/-18.67
Freq(Hz)	5.785GPol.	Pol/Ant. 3	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	θ(0°)/θ(180°)	θ(20°)/θ(30°)	θ(40°)/θ(50°)	θ(60°)/θ(70°)	θ(80°)/θ(90°)	θ(100°)/θ(110°)	θ(120°)/θ(130°)	θ(140°)/θ(150°)	θ(160°)/θ(170°)	θ(180°)/θ(190°)	θ(200°)/θ(210°)	θ(220°)/θ(230°)	θ(240°)/θ(250°)	θ(260°)/θ(270°)	θ(280°)/θ(290°)	θ(300°)/θ(310°)	θ(320°)/θ(330°)	θ(340°)/θ(350°)
θ (0°)	-4.64/-4.96	-7.76/-9.19	-11.75/-14.1	-14.9/-14.83	-11.81/-9.21	-7.64/-5.95	-6.79/-3.72	-3.04/-2.86	-3.06/-3.41	-4.01/-4.81	-6.41/-14.84	-11.19/-14.31	-15.9/-14.03	-11.48/-9.31	-7.44/-5.22	-4.78/-3.94	-2.89/-2.96	-2.88/-3.83
θ (10°)	-6.29/-6.23	-6.66/-6.36	-6.41/-5.46	-5.05/-4.37	-4.23/-4.42	-4.85/-5.85	-7.74/-9.55	-9.37/-8.89	-9.41/-10.12	-11.02/-13.22	-14.32/-18.58	-17.52/-18.86	-18/-13.6	-11.05/-8.66	-6.61/-4.85	-4.1/-3.36	-3.1/-3.72	-4.56/-5.9
θ (20°)	-6.48/-5.07	-3.87/-3.48	-2.64/-1.83	-1.73/-2.35	-2.82/-3.25	-3.94/-4.21	-6.99/-5.83	-6.92/-10.48	-18.2/-18.92	-17.9/-19.24	-19.28/-18.26	-15.74/-15.49	-18.07/-18.71	-19.27/-17.26	-17.93/-18.5	-17.85/-12.47	-9.73/-7.64	-7.43/-7.52
θ (30°)	-5.37/-2.97	-2.28/-1.23	-0.93/-0.54	-0.57/-0.66	-1.09/-2.78	-4.58/-6.34	-7.7/-7.95	-6.49/-5.79	-6.44/-9.76	-10.66/-13.32	-11.73/-9.36	-9.22/-11.76	-12.7/-12.67	-14.36/-13.56	-10.98/-10.97	-13.48/-18.01	-18.16/-18.39	-15.61/-8.22
θ (40°)	-4.51/-2.26	-2.41/-2.67	-1.82/-0.2	0.36/-1.22	-4.22/-7.79	-8.03/-6.93	-6.18/-4.44	-3.48/-3.08	-2.26/-4.47	-9.07/-8.61	-6.09/-3.81	-3.66/-5.98	-8.15/-9.14	-9.37/-7.69	-8.68/-11.65	-11.16/-10.38	-10.56/-8.24	
θ (50°)	-4.12/-3.71	-2.69/-1.56	-0.35/0.28	-0.13/-0.33	-1.27/-3.49	-5.37/-6.85	-5.96/-4.82	-4.8/-3.53	-1.72/-0.99	-0.64/-3.05	-6.35/-6.74	-3.81/-3.63	-6.19/-9.36	-10.86/-9.63	-10.34/-8.49	-6.46/-6.11	-4.05/-3.09	-3.39/-3.93
θ (60°)	-2.27/-1.5	-1.79/-1.35	-1.25/-2.39	-1.88/-1.95	-2.71/-3.92	-4.1/-3.28	-2.83/-3.1	-5.62/-6.83	-4.07/-0.98	-0.66/-1.92	-2.59/-4.58	-6.75/-3.14	-3.42/-4.19	-4.45/-4.67	-4.07/-3.39	-5.29/-3.12	-1.52/0.44	-0.2/-1.8
θ (70°)	-3.35/-2.28	-2.08/-1.4	-3.07/-2.96	0.2/0.51	-1.64/-3.56	-5.29/-5.2	-4.88/-5.07	-7.4/-9.52	-5.06/-1.17	-1.2/-2.23	-1.18/-2.78	-1.42/-1.06	-1.65/-1.97	-1.33/-2.44	-1.89/-2.79	-5.8/-5.06	-1.91/0.04	-0.57/-2.17
θ (80°)	-4.63/-3.24	-2.28/-2.83	-2.65/0.23	2.98/2.27	-2.61/-3.24	-6.43/-10.22	-6.84/-2.96	-5.43/-5.65	-5.84/-2.96	-3.51/-3.66	-2.57/-3.83	-1.18/0.64	-0.96/-2.96	-0.08/-1.14	-2.54/-0.32	-3.06/-3.75	-4.3/-2.81	-2.91/-3.52
θ (90°)	-4.36/-2.34	-3.33/-4.44	-1.5/0.28	0.59/-1.96	-2.82/-4.11	-5.07/-8.59	-6.63/-14.54	-12.77/-7.07	-6.75/-3.24	-1.9/-5.08	-3.76/-3.61	-2.58/-0.49	-2/-7.06	-2.27/-3.23	-1.79/-1.46	-3.11/-7.14	-7.83/-3.59	-3.25/-3.06
θ (100°)	-3.69/-4.25	-4.39/-3.28	-1.6/-1.77	-0.94/-3.16	-3.51/-4.19	-5.95/-8.52	-6.58/-18.09	-18.39/-8.93	-6.7/-6.84	-4.21/-10.25	-5.66/-5.95	-5.46/-1.93	-3.22/-14.75	-1.84/-6.58	-3.43/-3.07	-4.98/-7.81	-5.84/-5.53	-6.57/-3.87
θ (110°)	-3.95/-3.34	-5.41/-7.35	-4.9/-3.87	-1.71/-4.1	-7.29/-6.37	-8.49/-13.19	-16.32/-13.23	-17.05/-7.85	-5.04/-7.88	-7.17/-18.96	-10.18/-6.39	-7.06/-4.32	-3.59/-14.84	-5.38/-13.21	-4.71/-3.89	-3.01/-8.42	-10.36/-10.1	-6.58/-3.56
θ (120°)	-2.09/-1.56	-4.82/-8.11	-7.09/-8.07	-7.26/-6.75	-11/-7.5	-10.67/-12.42	-15.09/-12.69	-11.81/-11.05	-8.21/-17.32	-15.18/-16.79	-17.54/-18.91	-14.52/-5.74	-5.36/-5.12	-3.59/-9.17	-3.26/-2.53	-2.56/-11.2	-6.77/-2.06	-5.3/-1.66
θ (130°)	-0.5/0.1	-2.49/-5.13	-6.05/-7.04	-7.22/-7.6	-9.44/-11.22	-12.52/-17.5	-18.15/-16.12	-13.95/-18.9	-15.14/-14.79	-13.9/-16.28	-18.74/-14.43	-8.76/-8.12	-12.88/-5.48	-3.75/-9.74	-5.87/-3.14	-2.99/-5.57	-12.35/-2.87	-2.81/-1.01
θ (140°)	-3.49/-3.36	-4.02/-6.24	-10.82/-11.13	-6.71/-9.24	-9.81/-9.14	-14.04/-17.39	-13.82/-8.79	-10.25/-18.31	-13.92/-14.38	-15.85/-18.66	-18.17/-18.77	-17.99/-11.89	-13.17/-10.59	-7.67/-10.2	-9.17/-8.16	-7.79/-6.38	-4.46/-4.25	-6.01/-5.64
θ (150°)	-4.87/-4.35	-4.9/-6.18	-8.5/-8.48	-9.13/-8.13	-7.6/-9.12	-13.42/-17.42	-17.7/-17.86	-16.85/-14.77	-16.6/-14.78	-10.67/-11.55	-13.81/-17.46	-16.29/-12.3	-12.75/-15.94	-14.56/-13.03	-10.84/-8.42	-6.42/-7.16	-6.99/-7.19	-8.38/-6.55
θ (160°)	-3.03/-2.78	-3.56/-5.18	-6.53/-11.04	-10.32/-17.73	-19.21/-18.27	-18.33/-17.89	-18.68/-19.19	-18.58/-19.85	-17.54/-14	-13.03/-16.08	-18.81/-18.98	-18.8/-18.28	-15.83/-17.6	-14.58/-12.17	-11.79/-18.82	-19.41/-17.63	-14.58/-12.17	-5.87/-4.37
θ (170°)	-6.72/-8.01	-12.52/-13.02	-15.07/-18.22	-19.27/-18.58	-18.28/-18.48	-18.35/-16.03	-17.6/-18.13	-18.48/-14.49	-11.2/-11.23	-11.99/-12.89	-12.12/-9.87	-8.64/-8.14	-8.9/-10.95	-14.94/-18.52	-17.83/-17.53	-17.87/-13.36	-11.12/-9.26	-8.18/-6.56
θ (180°)	-13.66/-12.21	-11.33/-11.82	-12.17/-15.89	-18.24/-18.38	-19.02/-18.39	-19.11/-17.9	-18.55/-18.59	-15/-19.16	-17.62/-17.07	-16.37/-15.97	-16.13/-16.86	-16.75/-19.22	-18.89/-18.42	-18.39/-18.69	-18.69/-17.83	-18.58/-18.2	-19.06/-17.78	-14.94/-14.45
Freq(Hz)	5.785GPol.	Theta/Ant. 3	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	θ(0°)/θ(180°)	θ(20°)/θ(30°)	θ(40°)/θ(50°)	θ(60°)/θ(70°)	θ(80°)/θ(90°)	θ(100°)/θ(110°)	θ(120°)/θ(130°)	θ(140°)/θ(150°)	θ(160°)/θ(170°)	θ(180°)/θ(190°)	θ(200°)/θ(210°)	θ(220°)/θ(230°)	θ(240°)/θ(250°)	θ(260°)/θ(270°)	θ(280°)/θ(290°)	θ(300°)/θ(310°)	θ(320°)/θ(330°)	θ(340°)/θ(350°)
θ (0°)	-10.2/-8.42	-6.75/-5.28	-4.43/-3.54	-3.32/-3.78	-4.12/-5.71	-6.88/-8.08	-9.48/-11.05	-13.19/-19.48	-17.92/-12.96	-8.66/-6.25	-5.48/-5.41	-3.72/-3.34	-3.14/-2.85	-2.85/-3.66	-5.17/-7.36	-9.78/-12.44	-15.4/-16	
θ (10°)	-8.5/-5.3	-6.55/-5.37	-4.74/-4.81	-4.92/-5.27	-6.04/-6.58	-6.53/-7.13	-8.57/-10.02	-10.64/-12.67	-13.31/-13.13	-11.14/-9.31	-7.84/-6.48	-5.79/-4.86	-4.67/-5.01	-5.59/-6.78	-8.87/-11.8	-16.33/-18.61	-18.2/-13.98	-11.19/-9.51
θ (20°)	-7.21/-7.34	-6.44/-4.91	-4.63/-6.3	-5.74/-5.15	-5.31/-6.93	-8.71/-12.43	-13.75/-12.77	-10.81/-8.64	-9.84/-14.2	-16.34/-14.82	-12.52/-10.1	-9.47/-8.36	-7.87/-6.95	-7.23/-9.06	-12.39/-14.14	-15.6/-18.47	-13.28/-9.3	-6.91/-5.92
θ (30°)	-4.87/-5.97	-6.51/-5.18	-4.42/-3.09	-2.54/-2.89	-4.3/-4.92	-6.9/-9.06	-11.95/-10.51	-16.55/-11.77	-15.08/-16.06	-16.55/-11.77	-17.71/-18.34	-14.69/-12.18	-12.3/-14.44	-8.72/-8.45	-5.65/-11.39	-8.62/-11.74	-8.41/-6.46	-6.46/-5.46
θ (40°)	-7.02/-11.36	-12.79/-7.73	-5.93/-3.97	-2.99/-3.05	-5.42/-8.14	-8.9/-9.27	-13.46/-18.29	-18.57/-17.3	-18.74/-13.42	-11.1/-11.67	-19.12/-17.94	-14.29/-15.11	-14.14/-8.97	-7.18/-7.43	-9.71/-10.44	-12.81/-7.21	-3.62/-6.01	
θ (50°)	-11.09/-18.35	-16.74/-11.66	-6.57/-6.26	-8.53/-10.02	-10.34/-9.35	-8.24/-8.69	-9.87/-12.77	-17.85/-18.29	-15.68/-18.93	-13.15/-12.33	-17.34/-15.79	-13.68/-13.64	-13.9/-18.15	-18.02/-11.04	-8.15/-7.51	-8.66/-16.46	-15.13/-11.51	-6.04/-8.78
θ (60°)	-18.64/-18.92	-17.1/-11.49	-13.57/-17.09	-18.63/-18.12	-12.99/-8.05	-7.49/-7.18	-8.38/-9	-11.65/-14.53	-18.07/-17.55	-13.73/-10.28	-12.72/-17.89	-14.39/-16.39	-15.3/-15.65	-17.03/-15.67	-8.42/-6.71	-5.42/-15.45	-14.58/-9.39	-8.41/-10.45
θ (70°)	-17.57/-17.65	-19.22/-17.59	-17.87/-13.85	-18.23/-18.2	-14.77/-9.16	-7.64/-8.15	-11.39/-16.69	-15.56/-17.51	-18.19/-16.81	-14.8/-12.65	-14.11/-8.52	-9.11/-12.64	-9.09/-5.95	-13.77/-17.73	-7.5/-16.42	-14.63/-11.92		
θ (80°)	-17.96/-17.94	-13.92/-11.89	-15.36/-15.54	-16.48/-17.08	-14/-10.66	-10.99/-11.55	-14.39/-19.22	-17.46/-17.8	-18.18/-12.97	-15.98/-9.71	-17.66/-15.97	-13.28/-9.76	-7.65/-12.09	-12.71/-14.49	-7.91/-17.47	-13.9/-9.58	-11.25/-13.84	
θ (90°)	-18.46/-18	-18.41/-17.93	-14.42/-12.52	-16.28/-13.67	-16.82/-16.56	-13.16/-17.72	-18.83/-17.36	-18.25/-18.68	-16.23/-14.59	-16/-12.89	-16.18/-17.72	-18.58/-19.15	-16.47/-14.2	-15.04/-15.21	-16.89/-10.39	-12.52/-17.25	-9.17/-11.65	-16.84/-17.81
θ (100°)	-17.75/-18.13	-13.07/-11.07	-13.23/-15.86	-18.2/-17.95	-16.19/-9.84	-14.19/-18.35	-18.63/-17.79	-17.82/-14.46	-15.89/-14.45	-11.81/-12.11	-15.99/-14.45	-13.71/-17.97	-17.77/-18.42	-19/-18.9	-18.08/-13.18	-18.6/-18.03	-13.74/-11.52	-13.52/-16.6
θ (110°)	-14.18/-14.1	-12.31/-12.89	-17.52/-17.89	-16.64/-16.39	-11.55/-16.4	-16.19/-11.4	-13.67/-13.29	-18.74/-17.4	-16.36/-16.03	-16.29/-11.33	-13.28/-16.57	-16.29/-11.33	-18.78/-18.59	-17.99/-13.65	-13.81/-17.84	-13.58/-14.69	-15.98/-10.93	
θ (120°)	-17.59/-16.13	-13.15/-19.28	-16.73/-11.48	-15.11/-14.25	-18.6/-16.46	-17.2/-17.77	-18.39/-19.1	-17.03/-13.15	-15.64/-18.28	-19.32/-18.8	-9.19/-10.3	-18.75/-13.1	-9.95/-15.92	-14.54/-12.22	-18.86/-14.79	-8.64/-10.26	-14.98/-12.07	
θ (130°)	-17.48/-18.16	-17.27/-14.36	-15.5/-13.21	-9.77/-12.66	-17.51/-18.69	-12.07/-11.47	-10.64/-18.1	-16.76/-14.92	-12.49/-13.07	-13.6/-15.6	-14.07/-15.04	-15.66/-9.18	-16.38/-9.54	-16.46/-13.22	-12.1/-15.76	-19.11/-15.52	-11.04/-7.84	-13.91/-18.78
θ (140°)	-18.21/-15.89	-8.29/-5.06	-6.87/-12.02	-14.26/-12.86	-15.35/-18.98	-14.12/-14.39	-14.07/-18.42	-18.25/-17.75	-18.09/-18.55	-13.53/-11.41	-15.05/-18.88	-18.49/-17.08	-6.71/-10.56	-18.21/-17.67	-15.42/-17.5	-10.16/-7.66	-9.43/-12.91	-16/-13.25
θ (150°)	-18.82/-15.41	-11.18/-8.59	-8.27/-7.39	-10.23/-15.28	-16.1/-11.18	-10.34/-12.41	-15.62/-17.44	-19.75/-16.3	-17.36/-17.93	-17.7/-17.88	-17.66/-17.48	-10.28/-8.91	-11.79/-16.09	-8.95/-10.22	-17.92/-16.38	-10.85/-9.51	-11.23/-11.66	-13.44/-15.13
θ (160°)	-18.58/-16.58	-11.51/-11.33	-10.68/-13.99	-12.34/-14.69	-15.36/-16.64	-15.34/-18.12	-18.14/-18.94	-19.43/-17.43	-18.68/-18.96	-17.76/-18.13	-17.36/-13.27	-10.6/-11.37	-13.08/-9.43	-8.37/-10.28	-12.51/-15.97	-18.35/-17.29	-14.21/-15.05	-13.13/-13.6
θ (170°)	-18.3/-12.68	-11.21/-11.31	-11.02/-10.12	-12.07/-18.02	-19.34/-17.79	-17.78/-19	-17.08/-17.7	-17.71/-18.08	-18.58/-18.75	-17.74/-17.91	-18.88/-18.99	-18.5/-16.88	-12.52/-10.02	-9.28/-9.14	-10.66/-13.15	-19.15/-19	-14.86/-13.69	-15.59/-16.34
θ (180°)	-17.13/-18.24	-17.93/-17.06	-16.88/-16.34	-18.83/-16.57	-13.82/-12.11	-12/-11.44	-10.15/-10.99	-13.72/-16.53	-18.37/-17.66	-19.27/-19.18	-19.04/-19.01	-17.66/-18.67	-18.65/-16.58	-16.96/-18.16	-18.89/-18.48	-18.43/-17.99	-18.86/-18.29	-17.65/-18.02
Freq(Hz)	5.6GPol.	Pol/Ant. 4	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	θ(0°)/θ(180°)	θ(20°)/θ(30°)	θ(40°)/θ(50°)	θ(60°)/θ(70°)	θ(80°)/θ(90°)	θ(100°)/θ(110°)	θ(120°)/θ(130°)	θ(140°)/θ(150°)	θ(160°)/θ(170°)	θ(180°)/θ(190°)	θ(200°)/θ(210°)	θ(220°)/θ(230°)	θ(240°)/θ(250°)	θ(260°)/θ(270°)	θ(280°)/θ(290°)	θ(300°)/θ(310°)	θ(320°)/θ(330°)	θ(340°)/θ(350°)
θ (0°)	-13.2/-9.02	-8.96/-11.07	-11.67/-8.78	-7.89/-8.03	-10.07/-11.38	-10.71/-9.8	-10.01/-10.32	-11.17/-12.49	-12.77/-12.62	-12.89/-11.21	-10.41/-10.31	-10.04/-9.21	-8.95/-8.81	-8.64/-8.25	-7.97/-7.86	-7.76/-7.49	-7.89/-9.3	-10.58/-13.51
θ (10°)	-16.21/-15.24	-16.44/-13.07	-11.74/-12.4	-13.23/-13.63	-12.61/-10.26	-8.16/-8.69	-8.68/-8.34	-8.85/-7.75	-8.76/-9.68	-9.96/-10.61	-8.8/-7.8	-8.71/-9.44	-10.23/-11.26	-12.39/-11.62	-10.02/-9.31	-8.66/-8.7	-9.67/-11.01	-12.23/-12.88
θ (20°)	-18.79/-17.52	-17.77/-18.42	-19.15/-18.12	-19.26/-18.5	-18.85/-17.79	-16.68/-13.06	-11.41/-8.58	-7.14/-6.64	-7.49/-8.47	-8.1/-8.31	-9.42/-11.28	-14.68/-17.51	-18.88/-15.26	-12.58/-13.18	-13/-16.1	-18.08/-17.9	-14.24/-14.19	-18.23/-18.64
θ (30°)	-19.01/-19.07	-18.21/-12.87	-11.11/-8.08	-8.13/-8.2	-10.9/-10.31	-12.49/-18.85	-17.5/-15.57	-14.35/-13.05	-10.26/-10.79	-8.76/-10.6	-14.73/-17.77	-15.12/-17.95	-18.59/-17.46	-14.92/-10.91	-10.17/-11.12	-14.05/-18.9	-15.18/-12.06	-12.59/-15.26
θ (40°)	-16.01/-18.23	-17.84/-9.51	-9.97/-5.87	-8.64/-8.47	-8.28/-10.76	-13.19/-15.95	-16.9/-18.95	-17.96/-17.51	-14.42/-13.35	-12.19/-13.11	-13.73/-15.12	-14.93/-17.98	-12.33/-11.93	-15.93/-17.35	-12.16/-11.59	-13.58/-17.74	-17.95/-12.85	-8.91/-10.87
θ (50°)	-12.61/-18.94	-10.19/-5.32	-3.79/-5.79	-4.53/-6.74	-7.09/-9.28	-10.92/-13.38	-13.64/-12.04	-14.31/-17.72	-14.29/-12.21	-12.07/-9.22	-12.36/-16.85	-14.22/-13.69	-18.54/-12.77	-10.55/-11.83	-13.49/-13.84	-18.58/-18.21	-15.23/-13.8	-9.15/-6.81
θ (60°)	-12.74/-11.97	-8.47/-4.82	-5.13/-8.44	-10.36/-11.49	-10.83/-12.64	-18.01/-14.32	-14.79/-7.82	-18.03/-13.64	-14.25/-16.48	-10.66/-16.14	-13.32/-11.89	-10.39/-16.41	-12.16/-15.52	-8.69/-7.87	-7.87/-6.41	-8.69/-7.87	-7.87/-6.41	-6.16/-9.74
θ (70°)	-11.12/-10.7	-7.42/-4.86	-8.37/-15.89	-19.41/-16.92	-17.88/-17.92	-18.38/-12.61	-9.29/-15.54	-10.25/-18.54	-12.37/-14.14	-18.05/-16.39	-9.99/-5.56	-9.4/-9.91	-13.42/-17.57	-14.69/-7.8	-7.48/-10.44	-15.29/-11.81	-10.85/-13.06	
θ (80°)	-10.82/-7.61	-9.1/-6.59	-8.45/-15.1	-17.95/-12.33	-9.54/-9.05	-11.48/-13.74	-12.48/-9.07	-8.95/-11.46	-10.29/-11.41	-19.14/-18.96	-18.29/-19.49	-11.68/-17.45	-18.46/-16.17	-8.7/-11.58	-8.27/-9.73	-17.04/-10.42	-10.37/-9.89	-11.36/-16.16
θ (90°)	-9.06/-10.

Total Gain Data

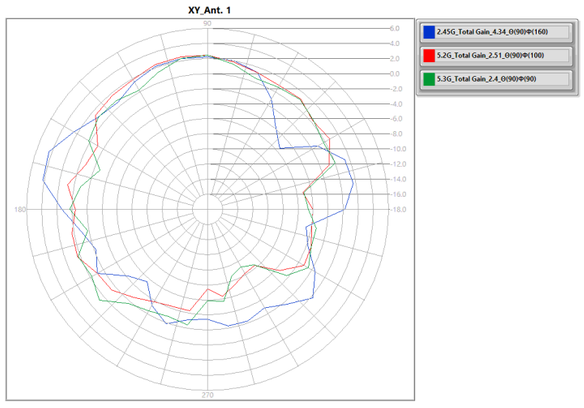
Freq(Hz)	2.45G/Pol.	Total/Ant. 1	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(10°)	Φ(20°)/Φ(30°)	Φ(40°)/Φ(50°)	Φ(60°)/Φ(70°)	Φ(80°)/Φ(90°)	Φ(100°)/Φ(110°)	Φ(120°)/Φ(130°)	Φ(140°)/Φ(150°)	Φ(160°)/Φ(170°)	Φ(180°)/Φ(190°)	Φ(200°)/Φ(210°)	Φ(220°)/Φ(230°)	Φ(240°)/Φ(250°)	Φ(260°)/Φ(270°)	Φ(280°)/Φ(290°)	Φ(300°)/Φ(310°)	Φ(320°)/Φ(330°)	Φ(340°)/Φ(350°)
Θ(0°)	-10.57/-9.83	-9.23/-8.80	-9.22/-9.35	-8.73/-8.25	-8.11/-8.56	-9.87/-10.58	-9.87/-8.86	-8.12/-8.30	-9.12/-9.81	-10.22/-10.49	-10.63/-10.29	-9.14/-8.15	-7.23/-6.72	-6.56/-7.02	-7.28/-7.62	-7.76/-8.07	-8.77/-9.80	-11.06/-11.10
Θ(10°)	-7.81/-7.90	-7.35/-7.08	-6.92/-7.06	-6.61/-6.18	-5.84/-6.36	-7.88/-8.51	-7.89/-6.74	-5.89/-6.09	-6.79/-7.68	-8.32/-8.37	-8.28/-7.58	-6.50/-5.36	-4.41/-3.71	-3.43/-3.43	-3.25/-3.44	-3.91/-4.53	-5.29/-6.05	-6.96/-7.69
Θ(20°)	-5.23/-5.03	-4.75/-4.50	-4.56/-4.80	-5.14/-4.18	-3.78/-4.08	-4.93/-4.95	-4.15/-3.18	-2.60/-2.52	-3.16/-3.92	-5.03/-5.86	-5.90/-4.95	-3.38/-1.86	-0.94/-0.30	0.02/0.05	-0.18/-0.62	-1.06/-1.85	-2.67/-3.55	-4.48/-5.00
Θ(30°)	-2.82/-2.01	-1.81/-1.71	-3.45/-4.38	-4.13/-3.56	-3.28/-3.11	-2.95/-2.40	-1.73/-1.27	-0.94/-0.87	-0.89/-1.20	-2.06/-2.81	-2.44/-1.14	0.05/0.84	0.97/0.74	0.54/0.17	-0.31/-0.86	-1.44/-2.08	-2.82/-3.50	-4.04/-3.65
Θ(40°)	-1.88/-0.50	-0.41/-1.22	-3.00/-3.72	-3.64/-2.50	-2.02/-1.57	-1.38/-1.09	-0.79/-0.35	0.13/0.66	1.24/1.33	0.51/-0.44	-0.26/0.89	1.85/2.20	1.57/0.42	-0.74/-1.90	-2.64/-2.78	-2.51/-2.61	-3.27/-4.29	-4.47/-3.68
Θ(50°)	-2.08/-0.12	-0.11/-1.04	-2.24/-1.88	-1.16/-0.60	-0.27/-0.08	-0.03/-0.22	-0.30/0.12	1.23/1.96	2.26/2.17	1.16/0.10	0.57/1.45	2.12/1.88	0.90/0.13	-0.54/-1.72	-2.86/-3.35	-3.66/-3.85	-4.31/-5.44	-5.78/-4.26
Θ(60°)	-0.37/0.85	0.60/-1.65	-2.53/-1.25	-0.20/0.29	0.67/1.51	1.63/1.05	0.78/0.35	1.21/2.08	2.61/3.18	2.52/1.21	1.23/1.65	1.99/1.59	1.03/0.39	-0.86/-2.26	-3.18/-3.68	-4.98/-5.86	-5.81/-6.66	-6.22/-2.75
Θ(70°)	-0.24/1.26	1.17/-1.73	-3.22/-1.88	-0.55/0.63	0.93/1.19	1.21/1.05	0.58/-0.13	1.09/2.69	3.61/4.32	3.01/1.01	0.63/1.28	1.59/0.94	-0.67/-2.85	-5.36/-7.48	-6.34/-4.33	-3.64/-3.60	-4.09/-4.71	-8.93/-3.75
Θ(80°)	-0.31/1.03	0.75/-2.25	-4.22/-1.53	0.54/1.73	2.25/1.96	1.48/1.01	0.65/0.29	1.41/2.61	3.71/4.51	2.64/0.65	-0.13/0.74	0.31/-2.16	-4.79/-5.82	-7.33/-8.35	-5.25/-3.69	-2.86/-1.23	-1.16/-1.94	-4.11/-4.21
Θ(90°)	0.17/1.62	1.40/-1.20	-5.44/-3.93	-1.10/1.27	2.00/2.23	2.29/2.15	1.48/0.53	0.98/2.47	4.34/4.17	1.33/-1.01	-2.27/-1.11	-4.29/-5.53	-3.23/-1.90	-3.17/-3.40	-2.34/-2.30	-2.93/-1.64	0.23/-1.52	-3.88/-4.71
Θ(100°)	-0.32/1.40	0.98/-1.05	-4.59/-3.73	-2.23/1.27	2.72/3.11	3.13/2.42	0.53/-0.32	0.75/2.17	3.29/1.75	-0.32/-2.13	-2.63/-1.78	-3.67/-1.40	-1.01/-0.67	-2.63/-2.24	-2.10/-3.45	-3.77/-4.55	-0.83/-1.02	-2.62/-5.25
Θ(110°)	-1.52/1.74	1.98/0.52	-3.86/-3.58	-2.83/0.26	2.40/2.87	2.26/0.57	-1.09/-0.56	-0.21/0.87	1.08/0.05	0.57/-1.34	-0.59/-0.16	-0.53/-0.75	-2.09/-2.47	-4.26/-2.70	-2.13/-3.88	-4.37/-6.34	-3.73/-2.27	-3.75/-5.93
Θ(120°)	-4.65/-1.10	0.28/0.24	-3.16/-3.11	-2.31/-1.40	0.45/0.97	0.31/-1.15	-1.59/-1.43	-0.98/0.58	1.18/1.67	1.34/-1.65	-1.63/-0.89	-1.16/-2.93	-7.10/-8.68	-7.35/-4.34	-3.47/-4.53	-4.87/-5.97	-6.40/-4.54	-4.61/-6.85
Θ(130°)	-5.67/-3.07	-2.43/-2.20	-4.78/-5.33	-2.23/-1.02	-0.54/-0.44	-1.08/-1.88	-2.01/-1.73	-0.56/0.22	0.18/-0.52	-2.21/-2.83	-1.20/-0.97	-1.98/-4.35	-8.06/-7.93	-6.23/-4.69	-3.98/-3.56	-3.15/-3.57	-4.82/-6.65	-8.86/-8.31
Θ(140°)	-6.70/-4.74	-4.32/-4.51	-5.84/-6.50	-5.07/-2.91	-2.55/-3.45	-4.41/-4.30	-3.26/-2.71	-2.66/-3.00	-2.89/-2.31	-1.67/-1.14	-1.63/-3.36	-5.21/-6.30	-6.37/-5.77	-6.12/-7.54	-7.86/-6.21	-4.55/-4.06	-4.99/-7.08	-10.97/-11.38
Θ(150°)	-7.89/-6.91	-7.12/-8.36	-8.32/-7.25	-5.24/-3.84	-3.24/-3.24	-3.08/-2.45	-2.14/-2.55	-3.27/-3.18	-2.30/-1.89	-2.19/-3.42	-5.85/-8.25	-6.70/-4.49	-3.17/-2.79	-3.29/-4.62	-6.09/-7.31	-7.95/-8.96	-11.46/-12.92	-14.72/-11.48
Θ(160°)	-9.09/-8.62	-9.04/-10.51	-11.38/-10.60	-8.77/-7.33	-5.97/-4.54	-3.35/-2.65	-2.79/-3.35	-3.48/-3.09	-3.09/-3.91	-5.73/-8.75	-12.08/-10.93	-7.72/-5.41	-4.33/-3.94	-4.26/-4.91	-5.85/-7.49	-9.21/-11.85	-14.23/-14.93	-12.83/-10.61
Θ(170°)	-8.72/-8.62	-8.62/-8.16	-8.71/-8.76	-8.63/-7.95	-7.56/-6.30	-5.87/-5.66	-5.38/-4.91	-4.79/-5.45	-6.77/-8.54	-10.28/-11.48	-10.75/-9.55	-8.25/-7.47	-7.18/-7.68	-8.80/-9.29	-10.03/-10.71	-10.56/-10.36	-10.47/-10.44	-9.99/-9.71
Θ(180°)	-7.79/-8.22	-8.61/-8.67	-9.13/-9.68	-9.14/-9.12	-9.06/-9.31	-9.16/-9.64	-9.40/-9.45	-9.99/-10.86	-11.23/-11.14	-10.63/-10.49	-10.53/-10.94	-11.09/-10.88	-9.89/-9.26	-9.10/-9.43	-9.03/-8.18	-7.75/-7.70	-7.76/-7.88	-7.86/-8.06
Freq(Hz)	5.2G/Pol.	Total/Ant. 1	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(10°)	Φ(20°)/Φ(30°)	Φ(40°)/Φ(50°)	Φ(60°)/Φ(70°)	Φ(80°)/Φ(90°)	Φ(100°)/Φ(110°)	Φ(120°)/Φ(130°)	Φ(140°)/Φ(150°)	Φ(160°)/Φ(170°)	Φ(180°)/Φ(190°)	Φ(200°)/Φ(210°)	Φ(220°)/Φ(230°)	Φ(240°)/Φ(250°)	Φ(260°)/Φ(270°)	Φ(280°)/Φ(290°)	Φ(300°)/Φ(310°)	Φ(320°)/Φ(330°)	Φ(340°)/Φ(350°)
Θ(0°)	-8.62/-8.24	-7.69/-7.02	-7.52/-7.53	-7.42/-7.67	-8.05/-8.20	-7.34/-6.58	-6.99/-9.09	-8.94/-7.59	-7.44/-8.06	-8.27/-8.54	-8.44/-8.39	-8.23/-7.53	-7.25/-8.30	-8.71/-8.12	-8.18/-8.68	-8.02/-7.80	-8.26/-8.18	-7.48/-7.80
Θ(10°)	-8.56/-7.36	-5.94/-5.32	-5.22/-4.85	-5.23/-5.52	-5.67/-5.57	-5.14/-5.47	-6.15/-6.03	-5.90/-6.61	-6.70/-6.68	-6.39/-5.98	-6.58/-7.07	-7.79/-8.16	-7.90/-7.51	-8.22/-8.17	-7.69/-8.99	-9.22/-9.05	-9.69/-11.07	-10.24/-9.19
Θ(20°)	-8.93/-7.47	-5.42/-4.93	-4.87/-5.19	-6.32/-7.73	-9.08/-9.58	-8.91/-8.93	-10.04/-9.59	-7.56/-6.38	-6.15/-5.51	-5.09/-5.47	-6.17/-6.58	-6.44/-6.12	-6.59/-6.09	-6.25/-8.29	-6.63/-4.97	-5.41/-5.73	-5.68/-7.00	-9.42/-8.73
Θ(30°)	-6.14/-6.02	-4.71/-4.36	-3.76/-4.09	-5.21/-5.72	-5.88/-5.95	-5.28/-4.70	-5.10/-6.57	-7.36/-6.86	-6.31/-4.59	-4.34/-5.98	-6.07/-6.70	-7.41/-7.91	-9.76/-9.13	-9.91/-11.34	-10.37/-9.04	-9.87/-8.37	-5.72/-5.14	-6.03/-6.12
Θ(40°)	-4.95/-4.97	-2.53/-1.43	-0.94/-1.02	-0.97/-2.34	-3.14/-2.95	-2.26/-1.31	-0.97/-2.58	-4.70/-5.99	-6.38/-4.79	-4.82/-6.81	-7.83/-7.43	-7.64/-10.21	-13.19/-11.94	-15.10/-12.28	-11.24/-11.85	-10.79/-11.09	-12.84/-9.18	-5.35/-4.25
Θ(50°)	-5.10/-4.99	-2.91/-0.69	0.20/1.23	0.76/-0.88	-1.68/-1.26	-1.22/-0.11	0.33/-0.93	-4.12/-5.44	-4.77/-3.42	-5.19/-7.37	-7.40/-7.07	-7.44/-8.08	-9.50/-10.85	-10.22/-8.10	-6.03/-5.41	-5.68/-3.95	-4.54/-7.62	-7.94/-5.78
Θ(60°)	-5.35/-4.57	-1.70/-0.05	0.03/1.62	0.89/-1.23	-1.20/-0.27	0.11/0.68	0.92/-0.52	-1.17/-5.37	-2.91/-1.92	-4.31/-4.61	-4.36/-4.17	-3.20/-3.91	-5.11/-7.77	-8.53/-6.84	-5.23/-5.75	-6.21/-3.12	-2.34/-3.58	-4.37/-5.59
Θ(70°)	-4.37/-4.34	-0.34/1.20	1.45/2.22	0.66/-1.17	-0.05/1.10	0.70/0.49	1.05/0.43	-0.38/-1.93	-3.27/-0.18	-1.14/-3.39	-1.73/-2.05	-0.97/-1.42	-3.25/-4.18	-6.11/-7.82	-8.40/-7.92	-6.44/-5.84	-2.79/-2.79	-4.03/-4.02
Θ(80°)	-5.33/-5.42	-1.17/0.41	0.74/1.76	1.17/0.73	1.35/1.82	2.01/2.03	1.14/0.88	1.13/-1.33	-2.07/0.54	-1.01/-1.70	0.30/-0.40	-1.30/-1.88	-3.02/-4.09	-3.00/-5.16	-5.60/-11.63	-10.64/-8.20	-6.61/-3.28	-3.58/-3.74
Θ(90°)	-4.00/-5.19	-0.88/0.74	0.26/1.14	1.00/1.26	1.88/2.45	2.51/2.37	1.86/1.66	1.41/-1.20	-0.79/0.83	-0.49/0.27	0.38/-1.06	-1.41/-2.74	-3.81/-4.35	-4.37/-7.47	-6.27/-7.43	-8.13/-8.29	-5.44/-3.20	-3.40/-3.99
Θ(100°)	-5.27/-5.18	-1.89/0.13	-0.10/0.06	1.21/1.44	1.93/2.56	2.56/2.14	2.41/2.52	1.50/0.46	0.47/0.37	1.21/1.25	0.38/-1.79	-1.31/-3.77	-3.15/-4.84	-9.09/-11.00	-12.81/-7.20	-8.67/-11.99	-7.59/-5.95	-5.61/-5.60
Θ(110°)	-9.45/-6.99	-2.97/-1.45	-1.68/-0.59	0.04/0.14	0.98/2.02	2.66/2.31	1.66/1.91	1.62/0.47	0.68/0.02	1.04/1.00	0.10/-3.08	-2.79/-6.59	-8.54/-12.01	-10.51/-13.99	-14.69/-8.29	-10.18/-15.86	-6.92/-7.57	-7.04/-7.07
Θ(120°)	-6.86/-8.99	-5.48/-3.51	-3.85/-2.26	-1.20/-0.35	-0.11/-0.04	0.10/0.84	1.27/0.63	0.37/-0.43	-0.93/-1.38	-1.44/-0.60	-1.29/-4.20	-5.96/-9.66	-11.37/-14.01	-13.96/-15.49	-13.30/-8.50	-12.69/-15.95	-8.24/-7.06	-7.76/-6.62
Θ(130°)	-8.26/-6.85	-5.87/-4.35	-4.84/-4.26	-2.11/-1.55	-0.50/-0.57	-0.87/0.13	0.23/-0.81	-1.49/-2.59	-2.09/-2.94	-3.16/-3.69	-5.40/-8.28	-11.22/-8.99	-10.51/-14.51	-16.21/-16.90	-14.49/-16.89	-12.93/-11.06	-6.36/-8.52	-11.03/-8.87
Θ(140°)	-9.18/-7.09	-6.96/-5.80	-5.53/-5.66	-4.86/-3.80	-3.30/-2.95	-2.97/-2.56	-2.35/-3.96	-3.76/-4.47	-6.00/-5.68	-5.02/-5.89	-7.09/-7.84	-10.18/-8.47	-11.59/-14.22	-15.51/-16.84	-16.41/-11.41	-11.67/-10.30	-10.23/-11.65	-10.55/-10.09
Θ(150°)	-12.60/-10.18	-7.87/-6.92	-7.54/-7.84	-7.37/-7.13	-6.59/-5.47	-5.49/-5.69	-5.26/-5.49	-6.07/-7.58	-8.75/-10.43	-8.62/-7.47	-9.32/-9.82	-9.77/-9.25	-14.72/-16.30	-16.76/-16.22	-16.66/-14.64	-15.36/-11.85	-10.78/-11.26	-9.39/-10.45
Θ(160°)	-11.96/-9.59	-8.97/-8.81	-9.53/-9.86	-9.52/-9.31	-11.39/-13.26	-11.29/-8.80	-9.02/-9.23	-9.31/-11.88	-13.02/-12.09	-10.67/-10.32	-12.37/-16.16	-16.57/-16.68	-16.05/-16.37	-16.22/-16.12	-15.44/-15.12	-16.02/-15.87	-16.09/-13.89	-12.63/-12.71
Θ(170°)	-11.20/-11.22	-11.75/-13.45	-14.39/-14.03	-12.91/-12.10	-11.10/-11.31	-11.65/-11.93	-12.52/-12.20	-12.78/-13.72	-14.68/-14.39	-14.47/-15.61	-15.80/-16.99	-16.05/-15.70	-15.12/-16.21	-16.91/-15.48	-17.09/-16.76	-14.97/-13.92	-14.81/-14.49	-12.59/-12.42
Θ(180°)	-16.58/-15.60	-14.70/-14.74	-16.26/-16.07	-15.24/-14.84	-15.60/-16.06	-15.51/-13.91	-14.63/-15.29	-13.29/-13.90	-15.66/-15.77	-15.88/-16.65	-16.09/-17.17	-15.79/-16.64	-16.10/-16.18	-15.40/-15.64	-15.27/-16.82	-16.12/-16.08	-15.93/-16.08	-16.59/-15.62
Freq(Hz)	5.3G/Pol.	Total/Ant. 1	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(10°)	Φ(20°)/Φ(30°)	Φ(40°)/Φ(50°)	Φ(60°)/Φ(70°)	Φ(80°)/Φ(90°)	Φ(100°)/Φ(110°)	Φ(120°)/Φ(130°)	Φ(140°)/Φ(150°)	Φ(160°)/Φ(170°)	Φ(180°)/Φ(190°)	Φ(200°)/Φ(210°)	Φ(220°)/Φ(230°)	Φ(240°)/Φ(250°)	Φ(260°)/Φ(270°)	Φ(280°)/Φ(290°)	Φ(300°)/Φ(310°)	Φ(320°)/Φ(330°)	Φ(340°)/Φ(350°)
Θ(0°)	-9.33/-8.64	-8.54/-8.62	-9.17/-9.15	-9.10/-8.70	-8.45/-8.90	-9.06/-8.85	-8.70/-8.53	-8.66/-9.49	-9.63/-9.50	-9.12/-9.04	-9.00/-9.20	-10.30/-11.40	-11.10/-9.55	-9.89/-11.00	-9.76/-9.59	-10.90/-10.55	-9.30/-8.84	-8.39/-8.48
Θ(10°)	-9.37/-7.80	-6.86/-6.20	-6.12/-6.34	-6.12/-5.80	-5.61/-6.30	-6.65/-6.48	-7.15/-7.21	-7.13/-7.58	-7.79/-8.14	-8.75/-9.40	-9.92/-10.01	-9.06/-8.65	-9.93/-11.24	-8.67/-8.74	-10.95/-10.72	-10.66/-12.87	-14.47/-14.48	-12.57/-9.83
Θ(20°)	-9.63/-7.50	-5.88/-5.61	-5.61/-5.93	-6.76/-8.05	-9.71/-9.63	-9.53/-10.34	-11.20/-10.28	-10.00/-9.86	-8.10/-7.68	-8.74/-10.64	-11.05/-10.90	-9.57/-7.98	-6.92/-8.05	-10.00/-8.49	-8.65/-9.54	-8.15/-7.20	-8.85/-10.85	-10.71/-9.88
Θ(30°)	-7.89/-8.19	-6.10/-4.87	-3.77/-4.03	-4.52/-5.18	-4.80/-3.69	-3.70/-4.95	-4.74/-5.38	-7.70/-7.29	-7.28/-8.79	-9.09/-9.13	-8.74/-6.87	-6.32/-7.28	-9.13/-11.27	-10.03/-8.46	-10.84/-10.67	-8.55/-7.64	-8.22/-7.27	-7.31/-7.30
Θ(40°)	-5.89/-5.91	-3.71/-1.92	-1.40/-0.82	-2.00/-4.07	-4.03/-2.12	-0.74/-0.67	-1.40/-2.30	-4.63/-5.37	-5.86/-6.34	-7.74/-8.91	-9.76/-6.07	-5.31/-8.82	-14.14/-12.62	-13.85/-10.93	-11.47/-11.53	-11.45/-12.02	-11.43/-9.27	-6.62/-5.88
Θ(50°)	-4.41/-6.28	-1.78/0.53	1.04/1.30	0.00/-2.05	-2.73/-1.33	-0.11/0.21	-0.77/-0.88	-2.71/-5.63	-4.44/-4.97	-8.16/-10.55	-7.43/-4.74	-5.58/-9.29	-9.27/-8.67	-8.05/-8.45	-6.05/-4.45	-4.54/-4.90	-6.22/-7.91	-8.05/-4.05
Θ(60°)	-4.36/-5.33	-1.58/0.07	0.60/1.36	0.01/-1.76	-1.16/-0.16	0.12/-0.28	-0.16/-0.12	-1.75/-4.44	-5.30/-3.76	-4.55/-6.98	-5.25/-4.26	-4.50/-4.99	-5.79/-5.90	-5.85/-5.19	-6.71/-5.94	-4.05/-3.20	-2.16/-2.66	-6.72/-4.70
Θ(70°)	-3.43/-3.87	0.46/1.23	1.56/1.70	0.10/-1.06	-0.16/0.71	0.83/0.39	-1.23/0.25	0.15/-3.21	-4.17/-2.68	-1.84/-2.94	-2.70/-1.85	-1.22/-2.36	-3.43/-4.63	-5.40/-5.99	-6.40/-10.18	-6.28/-4.07	-3.00/-2.06	-4.36/-3.74
Θ(80°)	-5.23/-4.25	-0.39/0.40	1.32/1.47	0.51/0.10	0.85/2.06	1.95/0.55	0.11/1.11	0.17/-0.32	-2.89/-1.60	0.30/-3.18	-1.25/-0.36	0.19/-0.99	-1.54/-2.55	-2.43/-7.44	-6.45/-7.76	-8.98/-8.23	-4.97/-3.20	-3.93/-4.61
Θ(90°)	-4.64/-5.06	-0.01/-0.27	0.37/1.05	0.70/0.48	1.53/2.40	2.33/1.31	0.23/0.85	0.91/0.18	-2.84/-0.88	0.30/-1.87	0.29/-0.28	0.69/-1.73	-2.44/-2.86	-2.43/-5.87	-5.62/-8.59	-9.18/-8.44	-4.37/-2.54	-3.39/-3.34
Θ(100°)	-4.22/-5.21	-0.70/-0.52	-0.24/-0.02	0.82/0.90	1.98/2.54	2.15/1.55	1.01/2.03	1.90/1.20	-0.41/-0.14	1.35/-0.28	1.03/-0.23	0.56/-2.62	-2.58/-4.28	-8.76/-13.72	-13.17/-8.36	-8.29/-9.93	-6.12/-4.64	-4.86/-4.55
Θ(110°)	-7.45/-5.78	-2.06/-1.54	-0.97/0.26	-0.01/-0.04	1.43/2.17	2.11/1.94	0.92/1.49	2.57/1.07	0.53/0.90	0.45/-0.53	1.00/-0.18	-0.48/-5.78	-8.73/-9.37	-10.62/-12.20	-12.17/-8.72	-12.24/-10.13	-7.32/-7.07	-6.63/-7.04
Θ(120°)	-6.18/-9.11	-4.45/-3.97	-3.02/-1.59	-1.04/-0.65	-0.09/0.19	0.42/0.62	0.10/0.31	0.28/0.25	-0.48/-1.69	-0.36/-1.51	-1.05/-2.87	-4.33/-7.52	-9.93/-11.86	-11.61/-12.84	-14.50/-8.55	-14.52/-14.63	-8.58/-6.41	-6.73/-6.63
Θ(130°)	-6.69/-8.02	-7.35/-5.02	-4.73/-3.97	-2.57/-2.54	-1.18/-0.59	-0.44/-1.10	-0.48/-0.23	-1.50/-2.70	-2.27/-2.72	-3.01/-3.43	-4.92/-7.88	-10.55/-9.35	-9.31/-14.01	-16.51/-16.57	-13.84/-12.09	-10.98/-9.85	-6.68/-8.88	-9.12/-7.54
Θ(140°)	-8.97/-7.54	-7.06/-6.27	-5.22/-5.01	-4.54/-4.11	-3.37/-2.23	-2.22/-2.40	-2.15/-3.48	-4.69/-4.82	-5.33/-6.36	-5.81/-6.29	-7.03/-6.66	-8.06/-9.06	-12.31/-13.36	-16.17/-16.10	-15.41/-11.63	-12.48/-11.21	-12.04/-9.29	-9.15/-9.74
Θ(150°)	-11.57/-9.23	-7.52/-7.21	-7.35/-7.32	-7.06/-7.38	-6.73/-5.40	-4.90/-5.85	-6.29/-5.00	-5.21/-8.18	-9.57/-8.63	-8.73/-10.71	-11.26/-9.26	-8.16/-7.39	-10.72/-16.20	-14.10/-17.34	-16.41/-13.52	-12.90/-14.86	-10.30/-10.38	-9.24/-11.27
Θ(160°)	-10.66/-8.74	-8.25/-8.94	-9.64/-10.09	-9.95/-9.83	-10.14/-10.34	-9.70/-9.25	-8.13/-7.99	-11.35/-10.30	-11.18/-13.42	-13.00/-12.35	-13.44/-15.47	-16.36/-16.51	-15.25/-15.74	-16.34/-16.32	-14.65/-14.31	-16.69/-17.00	-14.59/-14.81	-16.27/-13.47
Θ(170°)	-11.26/-11.74	-12.47/-13.66	-13.66/-12.46	-11.02/-10.60	-10.77/-11.24	-11.74/-12.53	-12.73/-13.34	-13.67/-12.25	-11.63/-14.44	-16.44/-16.22	-15.31/-16.92	-16.26/-16.09	-16.35/-17.00	-15.87/-16.66	-16.28/-16.47	-14.04/-13.56	-15.74/-15.71	-14.29/-13.02
Θ(180°)	-17.23/-16.44	-14.11/-14.32	-15.22/-15.69	-15.29/-15.01	-16.38/-15.19	-15.71/-16.32	-12.87/-11.41	-13.06/-15.23	-16.62/-15.97	-16.26/-14.87	-15.16/-16.60	-15.98/-16.53	-15.71/-16.66	-16.50/-15.91	-15.87/-15.21	-15.43/-16.76	-15.77/-14.80	-15.56/-16.58
Freq(Hz)	2.45G/Pol.	Total/Ant. 2	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(10°)	Φ(20°)/Φ(30°)	Φ(40°)/Φ(50°)	Φ(60°)/Φ(70°)	Φ(80°)/Φ(90°)	Φ(100°)/Φ(110°)	Φ(120°)/Φ(130°)	Φ(140°)/Φ(150°)	Φ(160°)/Φ(170°)	Φ(180°)/Φ(190°)	Φ(200°)/Φ(210°)	Φ(220°)/Φ(230°)	Φ(240°)/Φ(250°)	Φ(260°)/Φ(270°)	Φ(280°)/Φ(290°)	Φ(300°)/Φ(310°)	Φ(320°)/Φ(330°)	Φ(340°)/Φ(350°)
Θ(0°)	2.75/2.98	3.14/3.29	3.36/3.25	3.07/2.76	2.32/2.06	1.84/1.64	1.70/1.74	1.93/2.08	2.32/2.42	2.69/2.90	3.20/3.35	3.26/3.15	2.95/2.47	1.97/1.63	1.27/1.13	1.21/1.36	1.51/1.77	2.10/2.44
Θ(10°)	3.10/3.42	3.60/3.67	3.72/3.58	3.39/3.10	2.55/2.14	1.90/1.74	1.74/1.79	1.94/1.93	2.14/2.18	2.34/2.59	2.70/2.58	2.45/2.31	2.11/1.71	1.20/0.94	0.65/0.44	0.68/0.94	1.23/1.72	2.16/2.65
Θ(20°)	2.86/2.50	2.69/2.78	2.74/3.39	3.06/2.71	2.23/1.84	1.75/1.75	1.73/1.69	1.75/1.89	2.00/2.35	2.57/2.75	2.64/2.68	2.41/2.28	2.09/1.82	1.46/1.21	0.81/0.42	0.29/0.22	0.35/0.82	1.46/2.23
Θ(30°)	2.64/2.61	2.98/3.06	2.63/2.87	2.28/1.75	1.17/0.85	0.99/1.09	1.13/1.01	0.93/0.94	1.43/2.23	2.62/2.93	2.99/2.74	2.68/2.60	2.36/2.42	2.42/2.13	1.67/1.17	0.53/-0.18	-0.85/-0.88	0.15/1.46
Θ(40°)	2.85/2.74	2.72/3.20	2.58/1.91	1.23/0.53	-0.39/-1.41	-1.70/-1.54	-1.18/-0.96	-0.80/-0.84	-0.75/-0.02	1.40/2.01	2.45/2.45	2.56/2.76	2.58/2.49	2.28/1.94	1.18/0.36	-0.40/-1.16	-2.06/-2.48	-0.96/1.23
Θ(50°)	1.95/2.15	1.35/0.76	0.82/0.99	0.59/-0.42	-2.10/-4.17	-5.57/-6.26	-4.18/-2.18	-0.83/-0.55	-0.85/-0.45	0.70/1.42	1.40/1.36	1.70/2.09	1.84/1.47	0.87/0.05	-0.85/-1.30	-1.36/-1.59	-2.60/-3.48	-1.94/0.63
Θ(60°)	0.78/0.73	0.18/0.36	0.77/0.74	-0.23/-2.14	-4.67/-7.59	-9.34/-10.01	-8.62/-4.89	-1.42/0.32	1.08/1.70	2.60/2.88	2.42/1.65	1.66/2.01	2.48/2.19	1.27/0.24	-0.74/-1.13	-1.15/-1.49	-3.17/-6.01	-3.86/-0.60
Θ(70°)	-1.12/-1.56	-1.55/-1.19	-1.47/-2.59	-4.72/-6.79	-7.95/-8.03	-8.68/-10.88	-11.61/-7.59	-3.68/-1.02	0.21/1.53	2.93/3.13	2.75/2.05	1.99/2.28	2.77/2.64	1.76/0.25	-1.65/-2.82	-2.84/-3.26	-4.70/-6.37	-3.46/-1.43
Θ(80°)	-2.62/-3.20	-2.68/-2.42	-3.02/-3.35	-3.58/-4.04	-4.79/-5.84	-6.40/-8.27	-12.89/-11.15	-5.97/-2.21	-0.80/0.73	1.71/1.68	1.58/2.12	2.83/3.10	2.63/1.72	0.13/-2.40	-5.14/-5.75	-4.29/-4.76	-6.71/-6.53	-3.41/-2.33
Θ(90°)	-3.76/-3.74	-3.34/-3.68	-4.52/-4.44	-4.68/-4.62	-5.44/-6.19	-6.14/-7.62	-9.94/-7.56	-4.30/-1.30	-0.24/1.44	2.45/2.04	0.86/1.33	2.52/3.21	2.83/1.74	-0.60/-3.78	-6.37/-7.26	-6.00/-5.00	-5.94/-6.70	-4.78/-3.81
Θ(100°)	-4.23/-4.32	-3.91/-3.98	-4.35/-4.97	-5.66/-5.15	-4.84/-4.73	-4.42/-5.26	-5.46/-3.84	-2.26/-0.65	-0.23/1.73	3.33/3.17	1.62/0.73	1.54/2.69	2.99/2.15	-0.15/-4.25	-8.59/-9.78	-8.27/-5.49	-5.93/-8.03	-6.39/-4.53
Θ(110°)	-6.08/-5.96	-5.56/-5.76	-6.12/-6.64	-6.48/-5.34	-4.82/-4.67	-4.11/-4.01	-2.86/-1.21	-0.08/0.38	0.66/1.78	2.21/1.53	1.03/1.31	1.84/1.82	1.47/0.44	-1.91/-6.33	-10.20/-8.99	-6.82/-6.51	-8.52/-9.93	-7.14/-5.77
Θ(120°)	-7.88/-6.67	-7.32/-10.27	-11.51/-9.38	-8.22/-8.48	-9.10/-7.36	-4.64/-2.83	-0.78/1.19	1.75/1.82	1.98/2.52	2.11/1.00	0.44/0.56	0.92/0.61	0.15/-1.45	-4.13/-6.93	-7.41/-5.80	-4.09/-5.00	-10.06/-13.99	-12.14/-10.39
Θ(130°)	-

Θ(70°)	-1.17/0.24	-0.62/-0.28	-0.37/-1.99	-3.39/-6.04	-7.88/-8.76	-9.03/-12.55	-13.43/-7.01	-5.82/-5.47	-5.60/-6.75	-5.92/-1.04	0.69/0.27	1.45/2.70	1.85/1.66	1.52/1.89	-0.17/-0.57	-1.47/-3.44	-2.36/-0.77	0.24/-0.03
Θ(80°)	-2.50/-3.72	-3.49/-2.93	-3.86/-4.46	-5.69/-6.91	-8.99/-9.99	-10.12/-10.47	-10.84/-4.82	-2.41/-4.22	-8.19/-6.45	-7.74/-0.55	-0.89/-0.64	1.81/3.01	3.02/1.94	1.08/1.13	-0.55/-2.59	-3.55/-2.83	-3.66/-3.34	-0.46/-1.14
Θ(90°)	-3.20/-6.58	-4.73/-5.30	-7.45/-5.60	-8.75/-13.15	-13.46/-9.58	-8.96/-8.94	-9.29/-5.65	-3.24/-2.17	-3.96/-4.45	-4.38/-1.53	-1.86/-1.41	0.79/1.69	1.37/0.04	-1.56/-0.41	-4.44/-5.91	-5.07/-7.68	-5.40/-3.01	-2.68/-2.91
Θ(100°)	-5.79/-6.99	-5.46/-6.38	-7.71/-10.92	-10.50/-11.13	-15.55/-16.71	-12.01/-7.92	-7.14/-3.21	-3.26/-3.05	-3.97/-2.85	-2.55/-0.33	-0.33/-3.42	-1.87/-0.01	0.10/-1.40	-4.72/-2.65	-11.91/-11.29	-10.19/-8.92	-7.42/-4.22	-5.11/-6.25
Θ(110°)	-9.05/-8.72	-6.95/-8.89	-10.22/-15.48	-16.49/-14.56	-16.50/-16.64	-17.27/-12.39	-6.82/-4.50	-2.48/-1.64	-2.50/-2.29	-0.16/1.72	0.64/-1.78	-1.87/0.39	0.55/-1.36	-3.98/-2.37	-8.68/-8.42	-9.78/-11.86	-6.38/-6.27	-7.55/-10.42
Θ(120°)	-10.64/-11.74	-8.58/-7.05	-7.26/-11.71	-15.62/-11.00	-13.42/-15.98	-13.07/-9.78	-9.14/-5.87	-2.32/-0.94	0.15/0.56	0.63/3.65	2.69/-2.66	-1.54/-2.10	-3.09/-3.71	-10.38/-6.24	-14.17/-8.23	-12.59/-9.98	-8.93/-12.31	-13.52/-9.92
Θ(130°)	-7.94/-10.91	-8.60/-9.54	-11.95/-9.99	-11.30/-13.15	-15.22/-15.37	-6.93/-6.36	-8.08/-7.06	-5.15/-5.03	-6.72/-2.69	-1.68/1.90	0.97/-2.71	-0.99/1.95	0.85/-1.80	-9.41/-5.83	-8.79/-6.38	-14.20/-5.90	-12.26/-8.76	-9.48/-11.10
Θ(140°)	-8.98/-12.01	-7.61/-6.61	-9.43/-11.82	-11.95/-14.23	-14.33/-9.92	-7.99/-5.81	-4.79/-4.45	-2.57/-1.73	-2.37/-3.60	-3.51/-1.55	-1.32/-1.15	-1.56/-3.16	-1.44/-3.07	-8.29/-4.77	-5.96/-11.31	-9.72/-8.71	-7.75/-13.91	-11.50/-11.08
Θ(150°)	-8.81/-12.17	-14.18/-11.84	-9.84/-12.12	-11.69/-9.06	-7.59/-7.89	-8.51/-9.40	-7.82/-4.36	-1.98/-0.04	0.54/-0.40	-1.21/-2.30	-2.53/-1.52	-1.00/-1.23	-5.16/-10.34	-7.80/-3.58	-3.09/-7.30	-14.33/-14.12	-9.50/-5.21	-4.35/-5.38
Θ(160°)	-16.67/-14.57	-12.04/-13.64	-14.12/-10.67	-8.02/-7.88	-9.81/-12.87	-14.61/-12.23	-8.49/-5.72	-3.93/-3.40	-2.82/-2.31	-2.12/-2.85	-4.38/-4.47	-4.22/-5.42	-9.55/-14.39	-17.16/-10.85	-7.12/-5.77	-5.56/-6.53	-8.22/-11.18	-14.38/-16.71
Θ(170°)	-6.50/-6.71	-7.31/-8.84	-10.22/-11.64	-14.28/-14.95	-16.78/-15.97	-16.95/-16.40	-16.52/-15.18	-13.73/-13.06	-12.83/-12.32	-12.40/-12.96	-12.86/-13.81	-15.27/-15.28	-14.17/-9.93	-7.78/-6.12	-5.55/-4.72	-4.66/-6.31	-7.87/-9.04	-8.87/-7.75
Θ(180°)	-17.21/-16.65	-15.20/-13.31	-12.25/-13.99	-14.94/-14.73	-13.71/-12.76	-13.07/-13.73	-14.74/-14.74	-15.51/-16.76	-15.79/-17.03	-16.59/-16.93	-17.02/-15.40	-17.02/-16.47	-15.28/-16.12	-16.55/-15.93	-16.04/-16.65	-16.50/-13.68	-9.12/-9.41	-12.12/-15.50
Freq(Hz)	2.45G/Pol.	Total/Ant. 3	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(10°)	Φ(20°)/Φ(30°)	Φ(40°)/Φ(50°)	Φ(60°)/Φ(70°)	Φ(80°)/Φ(90°)	Φ(100°)/Φ(110°)	Φ(120°)/Φ(130°)	Φ(140°)/Φ(150°)	Φ(160°)/Φ(170°)	Φ(180°)/Φ(190°)	Φ(200°)/Φ(210°)	Φ(220°)/Φ(230°)	Φ(240°)/Φ(250°)	Φ(260°)/Φ(270°)	Φ(280°)/Φ(290°)	Φ(300°)/Φ(310°)	Φ(320°)/Φ(330°)	Φ(340°)/Φ(350°)
Θ(0°)	-2.09/-1.59	-1.39/-1.55	-1.71/-1.58	-1.05/-1.47	-1.98/-2.75	-3.27/-3.18	-2.87/-1.74	-1.35/-0.72	-0.33/-0.64	-0.78/-0.83	-1.08/-1.31	-1.42/-0.96	-0.88/-1.15	-1.83/-2.35	-2.41/-2.31	-2.09/-2.08	-2.23/-2.72	-2.84/-2.43
Θ(10°)	-2.73/-1.88	-1.42/-1.27	-1.43/-1.93	-1.46/-1.99	-2.93/-3.69	-3.95/-3.72	-3.14/-2.23	-1.29/-0.52	-0.12/-0.25	-0.12/-0.26	-0.39/-0.60	-0.72/-0.94	-1.17/-1.62	-2.46/-3.13	-3.48/-3.43	-3.22/-3.31	-3.53/-3.97	-4.17/-3.62
Θ(20°)	-2.59/-0.95	-0.58/-0.85	-0.96/-1.74	-2.55/-4.14	-5.63/-5.38	-4.33/-4.00	-3.66/-3.46	-2.85/-2.27	-1.33/-0.60	-0.01/0.24	0.37/0.05	-0.41/-1.00	-1.92/-2.70	-3.56/-3.99	-4.08/-3.80	-3.52/-3.76	-4.60/-5.30	-5.34/-4.25
Θ(30°)	-2.26/-1.26	-1.21/-2.06	-2.13/-3.65	-4.33/-4.94	-3.66/-2.77	-2.04/-2.25	-2.43/-3.35	-3.94/-3.06	-2.23/-1.67	-1.17/-0.63	-0.13/-0.60	-0.64/-1.61	-2.93/-3.56	-3.96/-3.58	-3.10/-2.72	-2.56/-2.95	-3.91/-5.37	-5.91/-4.50
Θ(40°)	-1.76/-0.24	-0.75/-1.60	-3.29/-3.82	-3.03/-1.82	-0.80/0.11	-0.49/-2.14	-4.71/-7.03	-6.99/-4.40	-3.07/-3.24	-4.03/-3.85	-2.92/-2.75	-2.98/-3.25	-4.23/-3.74	-4.14/-3.44	-3.12/-2.84	-3.03/-3.33	-3.98/-5.09	-5.57/-4.04
Θ(50°)	-1.90/-0.63	-0.57/-1.31	-3.21/-3.31	-1.69/-0.64	0.20/0.12	-1.41/-4.00	-8.04/-9.43	-6.78/-3.18	-1.60/-2.19	-4.26/-4.11	-5.13/-6.62	-4.92/-3.99	-2.56/-2.79	-2.93/-2.90	-2.77/-2.46	-1.97/-1.71	-1.91/-2.82	-4.15/-4.04
Θ(60°)	-2.41/0.21	0.80/-1.36	-4.15/-3.43	-0.96/0.14	0.38/-0.99	-3.17/-5.89	-8.84/-8.93	-5.83/-2.59	-0.87/-2.25	-4.59/-5.47	-5.56/-6.92	-7.39/-4.13	-1.71/-1.07	-1.75/-1.98	-1.70/-1.19	-0.63/-0.23	-0.42/-1.64	-3.97/-5.48
Θ(70°)	-2.48/0.08	0.35/-2.80	-5.77/-3.42	-0.62/0.44	-0.81/-1.79	-5.17/-8.34	-13.86/-14.12	-11.09/-3.80	-0.25/-0.24	-3.05/-4.19	-3.26/-3.11	-6.06/-6.18	-3.17/-1.88	-1.76/-1.65	-1.01/-0.59	-0.62/-0.61	-0.97/-2.11	-3.63/-4.98
Θ(80°)	-3.60/-0.55	-1.20/-4.88	-6.43/-2.29	0.87/1.01	-1.23/-3.78	-5.65/-6.28	-7.91/-8.83	-8.81/-6.12	-0.50/0.75	-1.67/-5.10	-3.07/-0.93	-2.42/-3.48	-2.73/-2.08	-1.49/-1.28	-1.28/-1.52	-2.07/-1.80	-1.60/-2.14	-3.57/-5.64
Θ(90°)	-1.07/1.34	-0.14/-3.54	-5.51/-0.50	2.10/2.04	0.36/-1.02	-0.88/-0.44	-1.62/-1.90	-0.94/-0.15	1.19/1.18	-0.91/-3.12	-0.93/-0.46	-1.69/-3.58	-4.89/-3.66	-2.73/-2.28	-2.02/-2.18	-2.33/-2.26	-2.36/-4.28	-5.08/-3.74
Θ(100°)	-2.47/-1.51	-2.45/-4.53	-5.33/-0.16	2.78/3.10	3.08/1.43	0.68/0.82	-0.22/-1.23	-0.05/1.46	2.52/1.49	-0.97/-4.74	-3.31/-0.62	-0.10/-1.86	-4.11/-3.53	-1.79/-0.56	-0.27/-0.38	-1.03/-2.73	-3.52/-2.82	-2.61/-2.98
Θ(110°)	-7.61/-2.84	-1.58/-5.01	-7.94/-3.78	-0.48/-0.09	-0.13/-0.12	0.06/0.14	-1.44/-2.16	-0.10/1.75	2.38/1.24	-1.05/-4.26	-3.63/0.27	1.93/0.82	-2.31/-3.91	-3.15/-2.00	-2.16/-3.20	-3.02/-3.24	-4.22/-4.24	-4.56/-6.66
Θ(120°)	-9.01/-4.35	-3.38/-7.46	-7.02/-3.70	-1.48/-0.80	-1.04/-1.50	-1.79/-2.73	-4.38/-3.04	-0.35/1.36	1.57/1.48	0.34/-1.88	-3.78/-2.06	0.08/0.31	-1.54/-3.63	-5.15/-4.28	-4.16/-6.43	-5.42/-2.82	-2.35/-3.77	-6.04/-9.40
Θ(130°)	-6.34/-2.58	-1.19/-1.76	-2.23/-3.04	-1.57/-1.71	-1.22/-0.58	-0.81/-1.90	-3.71/-3.01	-0.97/-0.28	-0.15/-0.48	-1.70/-2.90	-2.94/-0.99	1.14/1.37	-0.13/-1.68	-2.55/-3.36	-4.27/-5.35	-6.16/-5.38	-4.38/-4.66	-5.97/-8.27
Θ(140°)	-5.03/-3.19	-1.47/-1.88	-2.96/-4.73	-7.69/-6.91	-4.87/-3.21	-3.17/-4.09	-4.36/-2.43	-0.63/-0.42	-1.24/-3.03	-5.57/-6.96	-6.32/-3.58	-1.65/-0.54	-0.37/-0.15	0.09/0.05	-0.21/-0.86	-1.94/-3.64	-5.19/-5.92	-5.80/-5.95
Θ(150°)	-3.05/-3.19	-3.23/-3.44	-5.18/-7.73	-7.36/-9.32	-9.57/-10.60	-12.56/-12.85	-7.59/-4.10	-1.86/-1.74	-3.24/-6.24	-7.45/-6.21	-4.63/-4.50	-4.57/-4.16	-3.43/-2.56	-1.77/-1.28	-1.16/-1.15	-1.10/-1.09	-1.75/-2.52	-2.81/-2.95
Θ(160°)	-5.12/-5.85	-5.80/-5.87	-5.51/-4.83	-4.32/-4.66	-5.09/-5.89	-7.20/-8.71	-9.29/-8.64	-8.50/-9.01	-11.11/-10.74	-8.24/-5.89	-4.41/-4.48	-4.98/-5.19	-5.54/-5.46	-4.71/-3.69	-2.86/-2.31	-1.98/-1.77	-2.23/-3.05	-3.72/-4.36
Θ(170°)	-6.73/-6.67	-5.72/-5.18	-4.98/-4.86	-5.81/-6.90	-8.08/-9.27	-10.41/-11.04	-12.92/-13.97	-16.23/-13.98	-11.93/-9.83	-8.25/-6.95	-6.44/-6.37	-6.55/-6.39	-6.66/-6.46	-5.65/-4.76	-4.38/-4.28	-4.36/-4.48	-4.76/-5.24	-5.81/-6.33
Θ(180°)	-7.61/-7.17	-6.73/-7.01	-7.54/-8.62	-10.63/-11.94	-10.25/-8.89	-7.52/-6.98	-6.96/-6.81	-6.71/-5.84	-5.50/-5.18	-5.43/-5.73	-5.83/-5.98	-5.90/-6.03	-6.08/-5.44	-5.35/-5.28	-5.64/-6.03	-6.47/-7.03	-7.52/-8.03	-8.07/-8.02
Freq(Hz)	5.2G/Pol.	Total/Ant. 3	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(10°)	Φ(20°)/Φ(30°)	Φ(40°)/Φ(50°)	Φ(60°)/Φ(70°)	Φ(80°)/Φ(90°)	Φ(100°)/Φ(110°)	Φ(120°)/Φ(130°)	Φ(140°)/Φ(150°)	Φ(160°)/Φ(170°)	Φ(180°)/Φ(190°)	Φ(200°)/Φ(210°)	Φ(220°)/Φ(230°)	Φ(240°)/Φ(250°)	Φ(260°)/Φ(270°)	Φ(280°)/Φ(290°)	Φ(300°)/Φ(310°)	Φ(320°)/Φ(330°)	Φ(340°)/Φ(350°)
Θ(0°)	-9.34/-8.60	-8.61/-8.88	-9.90/-10.21	-10.16/-8.93	-8.48/-8.78	-8.79/-8.52	-8.17/-8.75	-9.18/-9.24	-8.91/-8.41	-8.40/-8.91	-8.79/-8.90	-8.54/-8.53	-8.37/-7.88	-8.58/-7.83	-8.02/-9.11	-9.04/-9.16	-8.20/-8.02	-9.62/-9.83
Θ(10°)	-11.72/-12.52	-12.86/-11.48	-12.58/-11.82	-11.98/-9.68	-8.73/-8.37	-8.47/-9.47	-8.13/-7.04	-5.73/-6.15	-6.57/-6.83	-6.61/-7.27	-8.15/-8.71	-8.05/-7.45	-6.96/-6.52	-6.46/-6.51	-8.06/-8.15	-6.88/-7.23	-7.48/-9.57	-11.66/-12.68
Θ(20°)	-6.85/-8.61	-13.50/-16.85	-16.94/-14.13	-11.19/-9.03	-8.62/-8.04	-8.00/-7.47	-6.79/-7.52	-8.36/-9.20	-8.12/-7.05	-6.49/-6.63	-6.97/-8.38	-9.13/-7.16	-5.97/-5.33	-4.31/-4.27	-5.26/-5.08	-4.13/-3.58	-3.47/-4.61	-5.10/-6.17
Θ(30°)	-6.35/-5.76	-7.16/-11.72	-14.36/-12.75	-10.81/-7.27	-7.91/-7.73	-7.28/-5.46	-4.37/-5.00	-5.88/-3.89	-2.66/-2.65	-3.67/-7.17	-7.28/-6.27	-3.95/-3.11	-3.78/-3.09	-1.82/-1.53	-2.46/-2.66	-2.36/-2.07	-1.96/-2.49	-4.06/-5.22
Θ(40°)	-4.42/-3.42	-4.22/-8.69	-11.91/-16.90	-10.94/-7.80	-5.24/-5.76	-4.96/-5.09	-7.15/-8.14	-6.30/-6.43	-2.38/-2.50	-2.44/-1.51	-5.39/-4.97	-2.35/-1.72	-1.81/-3.24	-4.09/-3.06	-2.71/-2.77	-3.17/-2.91	-2.11/-2.40	-3.29/-4.41
Θ(50°)	-4.11/-2.49	-3.02/-6.56	-6.88/-7.84	-8.46/-6.98	-4.88/-6.37	-10.51/-12.16	-12.01/-8.83	-5.89/-6.71	-2.49/-1.02	1.32/1.52	-1.22/-3.61	-3.50/-3.72	-3.70/-1.88	-1.46/-1.50	-1.76/-1.49	-1.81/-2.95	-3.33/-5.20	-2.47/-3.51
Θ(60°)	-3.64/-2.17	-4.70/-4.91	-3.28/-4.16	-2.00/-0.65	-1.29/-3.42	-5.20/-6.93	-10.99/-10.56	-3.63/-6.49	-4.32/-3.54	0.37/0.92	-0.96/-0.52	-0.38/0.68	-1.58/-2.19	-0.64/-1.27	-1.19/-0.60	-0.06/-1.62	-3.28/-8.50	-2.92/-3.60
Θ(70°)	-2.84/-1.64	-1.06/-3.26	-2.20/-2.10	-0.40/-1.25	-3.50/-5.67	-6.56/-7.36	-7.28/-11.06	-5.12/-9.10	-1.05/-4.80	1.96/0.11	-2.57/-0.70	1.50/3.01	1.32/-0.03	0.42/0.48	0.68/0.15	0.60/-0.58	-3.75/-7.66	-2.60/-4.63
Θ(80°)	-1.63/-0.42	-0.79/-1.91	-1.09/-4.04	-0.77/-2.42	-3.85/-6.46	-9.07/-8.65	-8.08/-7.64	-4.20/-9.29	-1.23/-6.64	0.49/0.07	-2.15/0.91	3.13/3.22	2.38/0.50	0.73/0.78	0.03/1.09	0.82/0.74	-1.25/-3.16	-2.83/-1.37
Θ(90°)	-2.32/-1.11	-0.21/-0.06	-1.34/-0.88	-0.16/-3.71	-5.30/-7.30	-9.17/-6.76	-7.15/-12.56	-3.73/-9.46	-2.73/-3.61	-0.38/-1.57	-3.56/-1.15	1.83/3.01	0.41/-0.59	1.22/0.33	-1.79/1.11	0.27/1.08	-1.40/-1.39	-0.92/-2.53
Θ(100°)	-0.18/-1.72	0.89/-0.02	-1.15/-3.34	-3.55/-10.58	-11.94/-13.61	-13.22/-14.01	-9.60/-12.83	-8.18/-8.85	-4.46/-4.04	0.13/-0.64	-6.17/-3.55	-0.44/1.78	-2.33/-1.33	1.61/-0.06	-1.46/-0.05	-0.96/-0.19	-2.23/-2.49	-0.79/-2.02
Θ(110°)	0.61/-1.10	-0.32/-0.51	-1.25/-7.99	-6.88/-9.09	-10.49/-12.51	-10.20/-10.19	-12.44/-11.05	-9.99/-15.10	-5.73/-5.31	0.28/-2.25	-9.66/-7.67	-2.35/0.51	-2.82/-1.09	0.71/-3.69	-1.77/-1.32	1.19/-1.13	-1.98/-0.40	-1.27/0.42
Θ(120°)	-3.15/-2.07	-1.15/-3.85	-3.42/-7.72	-13.47/-9.98	-8.62/-11.70	-8.38/-5.99	-12.22/-16.28	-10.54/-12.31	-6.23/-10.06	0.58/-2.80	-11.44/-7.43	-2.55/-0.31	-9.48/-3.37	1.35/-5.24	-1.35/-3.47	1.09/-5.40	-2.44/-0.05	1.19/-1.09
Θ(130°)	-6.46/-2.86	-2.97/-6.77	-4.66/-8.65	-11.15/-10.35	-11.04/-16.80	-15.24/-16.33	-15.87/-12.07	-14.46/-15.39	-10.82/-6.12	-4.06/-5.05	-7.59/-9.56	-1.69/-2.77	-4.00/-1.04	-1.24/-10.82	-2.27/0.08	-0.58/-5.47	-6.12/-6.81	-1.55/-1.99
Θ(140°)	-10.43/-8.75	-5.44/-6.99	-6.24/-7.24	-10.08/-11.21	-16.38/-15.77	-16.98/-16.55	-14.51/-13.69	-12.35/-7.52	-8.31/-5.83	-3.15/-6.05	-10.03/-9.13	-11.57/-12.30	-5.90/-1.94	-4.47/-10.17	-10.75/-5.82	-4.77/-6.21	-7.16/-5.58	-4.53/-5.42
Θ(150°)	-16.04/-9.46	-9.51/-10.77	-8.88/-7.81	-9.94/-12.98	-13.65/-13.43	-13.77/-12.50	-10.94/-14.16	-13.63/-8.86	-6.16/-4.93	-3.21/-6.76	-12.33/-11.28	-14.04/-13.28	-10.00/-6.44	-4.84/-5.26	-8.52/-11.02	-9.70/-8.76	-7.36/-8.66	-12.43/-13.98
Θ(160°)	-8.71/-8.73	-8.25/-8.81	-11.87/-14.33	-13.45/-13.03	-16.03/-16.01	-16.87/-16.27	-15.67/-16.45	-14.58/-12.77	-10.67/-11.21	-9.06/-9.95	-12.47/-14.43	-11.96/-8.75	-8.37/-8.40	-8.19/-9.06	-11.20/-12.07	-9.95/-9.32	-10.65/-10.13	-9.18/-11.07
Θ(170°)	-10.07/-13.25	-13.19/-13.82	-13.60/-14.61	-15.17/-17.09	-16.48/-15.28	-14.87/-15.49	-13.93/-12.99	-11.68/-11.25	-10.81/-10.95	-11.68/-12.55	-12.94/-12.20	-11.27/-10.61	-9.70/-9.27	-9.30/-10.26	-10.45/-9.29	-8.99/-9.48	-8.34/-8.24	-8.92/-9.63
Θ(180°)	-11.80/-10.48	-10.77/-10.53	-12.62/-14.31	-15.24/-14.52	-13.04/-10.56	-10.09/-12.85	-14.65/-13.77	-12.12/-12.58	-13.04/-14.16	-13.40/-13.77	-14.72/-14.46	-14.73/-15.20	-16.29/-16.50	-16.43/-16.90	-15.25/-15.66	-16.56/-16.18	-16.22/-17.10	-15.61/-12.06
Freq(Hz)	5.3G/Pol.	Total/Ant. 3	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(10°)	Φ(20°)/Φ(30°)	Φ(40°)/Φ(50°)	Φ(60°)/Φ(70°)	Φ(80°)/Φ(90°)	Φ(100°)/Φ(110°)	Φ(120°)/Φ(130°)	Φ(140°)/Φ(150°)	Φ(160°)/Φ(170°)	Φ(180°)/Φ(190°)	Φ(200°)/Φ(210°)	Φ(220°)/Φ(230°)	Φ(240°)/Φ(250°)	Φ(260°)/Φ(270°)	Φ(280°)/Φ(290°)	Φ(300°)/Φ(310°)	Φ(320°)/Φ(330°)	Φ(340°)/Φ(350°)
Θ(0°)	-8.18/-8.52	-7.68/-7.94	-6.21/-6.45	-6.03/-5.83	-6.52/-6.63	-6.44/-5.70	-6.03/-6.40	-6.66/-6.90	-7.66/-7.27	-7.14/-6.58	-6.86/-6.80	-6.60/-7.22	-7.27/-7.80	-8.01/-8.40	-7.28/-7.04	-6.95/-6.81	-7.43/-7.98	-7.79/-7.01
Θ(10°)	-9.03/-9.22	-9.59/-10.66	-9.80/-10.34	-9.81/-8.66	-9.23/-9.27	-8.43/-7.16	-8.25/-8.11	-6.99/-6.32	-6.09/-5.62	-6.43/-6.33	-6.98/-7.02	-6.85/-6.60	-6.26/-6.67	-6.92/-7.97	-7.80/-8.12	-8.83/-9.89	-8.86/-9.16	-9.51/-9.68
Θ(20°)	-7.97/-8.76	-12.03/-15.35	-13.97/-15.44	-14.21/-11.44	-9.49/-7.80	-7.57/-9.40	-10.99/-11.87	-11.96/-13.00	-14.39/-12.49	-9.47/-7.66	-8.27/-8.98	-7.68/-6.13	-5.10/-4.75	-4.51/-5.06	-5.86/-5.37	-5.48/-5.82	-6.05/-6.33	-6.05/-6.79
Θ(30°)	-6.99/-7.43	-10.52/-16.27	-14.57/-14.34	-16.10/-11.04	-7.15/-6.62	-7.16/-7.41	-5.45/-4.07	-4.05/-3.46	-3.65/-4.60	-5.79/-8.95	-7.76/-6.13	-5.66/-5.87	-5.57/-4.10	-2.56/-2.02	-1.76/-2.12	-3.11/-4.56	-4.72/-5.02	-6.20/-7.33
Θ(40°)	-5.23/-4.51	-5.31/-9.47	-9.28/-7.83	-8.99/-7.79	-5.39/-5.12	-4.75/-5.09	-7.90/-10.98	-6.15/-4.49	-2.05/-3.73	-4.46/-3.32	-4.97/-3.22	-3.53/-5.07	-5.01/-4.52	-2.78/-1.96	-2.28/-1.80	-2.45/-4.19	-4.73/-5.51	-5.59/-5.18
Θ(50°)	-5.20/-4.27	-3.90/-5.83	-5.38/-4.99	-7.75/-7.34	-5.36/-6.80	-10.20/-11.27	-8.68/-8.78	-8.41/-6.49	-0.13/-0.63	-0.41/0.14	-2.36/-4.31	-4.81/-4.79	-3.52/-1.79	-1.92/-2.14	-1.92/-1.60	-2.11/-3.48	-4.55/-7.21	-5.15/-3.83
Θ(60°)	-4.14/-3.01	-3.65/-3.03	-2.61/-4.86	-3.92/-1.50	-2.00/-3.99	-5.43/-7.43	-9.00/-7.95	-3.23/-4.79	-2.12/-1.50	0.10/0.54	0.19/-0.93	-2.41/-2.17	-2.31/-1.85	-1.59/-2.24	-1.67/-1.42	-1.30/-3.38	-3.07/-6.80	-5.12/-3.23
Θ(70°)	-3.54/-3.18	-1.35/-0.15	-1.85/-3.35	-1.82/-3.03	-3.82/-6.68	-6.57/-5.24	-6.81/-10.84	-4.70/-11.18	-2.34/-4.40	1.08/-1.07	-2.45/-0.41	1.27/1.53	0.22/-1.00	-0.88/-0.55	0.91/0.77	0.84/-0.53	-2.89/-6.19	-3.96/-2.11
Θ(80°)	-2.48/-2.76	0.24/0.15	-2.49/-4.69	-2.76/-3.44	-3.57/-7.12	-7.01/-5.80	-6.34/-5.54	-4.04/-5.78	-1.69/-3.00	1.85/-0.17	-2.42/0.57	2.25/2.89	2.37/0.43	0.75/2.09	1.77/0.98	0.10/-0.02	-0.87/-3.69	-3.32/-1.20
Θ(90°)	-1.60/-2.81	-0.29/0.60	-2.14/-3.02	-1.67/-4.18	-3.70/-6.97	-7.21/-5.64	-8.81/-7.13	-4.19/-11.20	-3.41/-3.58	-1.39/-2.14	-1.80/0.08	1.60/2.29	-1.07/-2.13	0.34/0.48	-0.97/0.17	-0.68/1.02	-0.11/-0.36	-0.61/0.25
Θ(100°)	-1.05/-2.65	0.24/0.58	-2.65/-3.38	-4.33/-9.97	-7.40/-10.59	-10.32/-10.35	-9.37/-8.72	-7.92/-9.31	-4.97/-3.40	-0.66/-2.24	-5.57/-3.75	-0.42/0.83	-3.53/-2.48	0.98/0.10	-1.67/-0.54	-0.95/0.07	-1.16/-2.63	0.44/-0.31
Θ(110°)	0.67/-2.35	-0.99/-1.75	-1.17/-6.29	-7.71/-11.22	-8.80/-8.70	-9.18/-10.16	-13.60/-14.21	-10.41/-13.23	-6.80/-6.03	0.32/-2.08	-8.52/-4.79	-1.87/-0.28	-4.90/-0.65	0.68/-1.96	-0.67/-0.63	1.41/-0.72	-3.70/-0.75	1.04/0.11
Θ(120°)	-3.00/-4.25	-3.53/-4.59	-4.59/-8.12	-12.68/-13.13	-9.85/-14.76	-10.51/-8.48	-12.44/-15.72	-13.24/-14.94	-5.84/-8.51	-0.04/-3.69	-11.07/-9.71	-4.51/-1.96	-16.61/-5.04	-0.49/-8.28	-2.38/-2.25	0.52/-3.60	-4.79/-1.35	1.71/-0.00
Θ(130°)	-2.90/-6.75	-6.87/-6.93	-4.73/-8.63	-11.33/-11.37	-12.67/-15.24	-14.27/-13.02	-15.62/-14.77	-15.91/-12.32	-13.64/-7.04	-3.88/-6.47	-8.18/-10.45	-1.65/-4.24	-5.69/-0.72	-1.55/-14.71	-1.83/-0.69	1.08/-4.52	-3.47/-3.11	-0.92/-2.13
Θ(140°)	-6.98/-6.79	-10.05/-7.64	-6.13/-8.13	-12.54/-12.08	-13.78/-14.41	-14.40/-16.16	-15.39/-14.38	-7.97/-6.84	-8.44/-6.41	-4.59/-6.25	-9.85/-10.72	-11.85/-13.72	-6.69/-1.51	-4.76/-13.90	-8.55/-4.19	-4.51/-6.91	-8.31/-4.89	-4.01/-3.73
Θ(150°)	-15.09/-11.99	-11.71/-13.81	-12.68/-9.68	-11.44/-14.08	-13.55/-14.47	-14.78/-12.95	-12.01/-14.61	-13.89/-8.83	-5.47/-5.46	-5.03/-9.97	-13.89/-11.03	-14.63/-13.51	-11.62/-10.37	-9.37/-9.62	-10.14/-10.02	-8.28/-8.72	-7.23/-7.54	-10.12/-12.26
Θ(160°)	-12.39/-14.24	-12.17/-11.25	-12.78/-15.48	-15.59/-15.05	-14.83/-16.40	-15.65/-15.50	-15.31/-14.94	-11.50/-10.01	-8.73/-10.12	-11.30/-12.52	-14.90/-16.68	-12.86/-10.62	-10.05/-11.68	-12.58/-12.81	-14.45/-13.74	-12.68/-10.63	-14.35/-14.25	-10.82/-10.52
Θ(170°)	-13.89/-16.84	-15.49/-14.23	-14.30/-13.76	-14.81/-16.11	-16.35/-15.43	-15.66/-15.13	-13.00/-14.91	-16.78/-14.86	-13.27/-12.92	-12.41/-12.49	-12.80/-12.70	-12.49/-11.05	-10.72/-12.06	-12.28/-12.63	-12.26/-11.91	-11.41/-9.70	-9.62/-11.24	-12.26/-11.31
Θ(180°)	-14.44/-12.68	-13.97/-15.39	-16.36/-16.48	-16.25/-16.33	-15.40/-14.94	-16.68/-15.94	-15.70/-16.05	-16.98/-16.98	-14.43/-15.42	-14.83/-14.97	-16.17/-16.89	-16.67/-16.41	-16.35/-17.16	-16.33/-15.59	-16.27/-16.47	-15.72/-16.36	-15.93/-15.44	-16.18/-16.54
Freq(Hz)	2.45G/Pol.	Total/Ant. 4	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(10°)	Φ(20°)/Φ(30°)	Φ(40°)/Φ(50°)	Φ(60°)/Φ(70°)	Φ(80°)/Φ(90°)	Φ(100°)/Φ(110°)	Φ(120°)/Φ(130°)	Φ(140°)/Φ(150°)	Φ(160°)/Φ(170°)	Φ(180°)/Φ(190°)	Φ(200°)/Φ(210°)	Φ(220°)/Φ(230°)	Φ(240°)/Φ(250°)	Φ(260°)/Φ(270°)	Φ(280°)/Φ(290°)	Φ(300°)/Φ(310°)	Φ(320°)/Φ(330°)	Φ(340°)/Φ(350°)
Θ(0°)	2.08/2.20	2.28/2.38	2.52

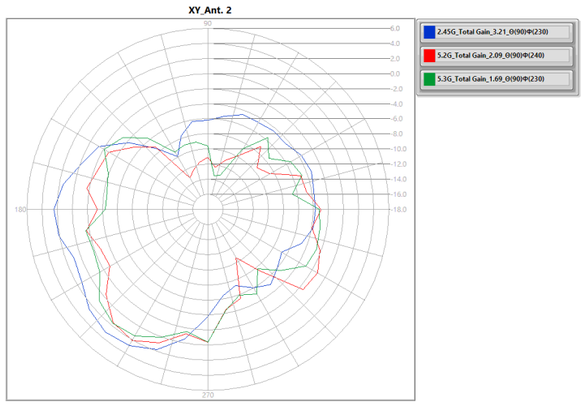
Θ(170°)	-7.33/-8.21	-9.21/-8.88	-7.34/-6.48	-6.70/-7.77	-7.65/-7.42	-8.84/-11.30	-12.69/-12.48	-12.31/-11.77	-13.15/-14.29	-13.63/-14.50	-16.86/-16.50	-16.45/-15.90	-16.60/-16.68	-15.47/-14.46	-13.71/-12.87	-13.39/-14.16	-13.35/-12.30	-11.26/-8.56
Θ(180°)	-14.37/-14.40	-13.75/-14.56	-15.89/-15.90	-14.07/-15.05	-13.94/-14.17	-16.31/-17.00	-16.79/-16.23	-16.19/-16.90	-15.68/-16.41	-16.77/-16.15	-16.39/-14.52	-15.02/-16.09	-14.76/-13.69	-14.77/-15.75	-15.03/-14.06	-16.00/-15.19	-14.98/-16.19	-16.50/-14.71
Freq(Hz)	5.3G/Pol.	Total/Ant. 4	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(10°)	Φ(20°)/Φ(30°)	Φ(40°)/Φ(50°)	Φ(60°)/Φ(70°)	Φ(80°)/Φ(90°)	Φ(100°)/Φ(110°)	Φ(120°)/Φ(130°)	Φ(140°)/Φ(150°)	Φ(160°)/Φ(170°)	Φ(180°)/Φ(190°)	Φ(200°)/Φ(210°)	Φ(220°)/Φ(230°)	Φ(240°)/Φ(250°)	Φ(260°)/Φ(270°)	Φ(280°)/Φ(290°)	Φ(300°)/Φ(310°)	Φ(320°)/Φ(330°)	Φ(340°)/Φ(350°)
Θ(0°)	-1.25/-1.13	-1.15/-1.38	-1.24/-1.38	-1.17/-0.93	-1.15/-1.59	-1.59/-1.54	-1.87/-1.94	-1.84/-1.91	-1.82/-1.76	-1.61/-1.41	-1.34/-1.36	-1.54/-1.79	-1.77/-2.14	-3.02/-3.02	-2.74/-3.20	-3.19/-2.90	-2.75/-2.55	-2.15/-1.79
Θ(10°)	-0.87/-0.71	-0.25/-0.19	-0.45/-0.87	-0.83/-0.32	0.08/-0.87	-1.64/-0.93	-0.70/-1.36	-1.74/-1.96	-2.11/-1.93	-1.51/-1.34	-1.34/-1.18	-0.70/-0.58	-0.52/-0.59	-1.10/-1.14	-1.42/-2.02	-2.66/-3.51	-3.36/-2.74	-1.86/-1.25
Θ(20°)	-0.39/0.24	0.57/0.13	-0.48/-0.48	-0.52/-0.93	-0.98/-0.93	-0.55/-0.37	-0.69/-1.17	-0.46/-0.30	-0.32/0.09	0.12/0.07	0.89/1.66	2.09/1.70	1.53/1.03	0.22/-0.25	-0.54/-1.65	-2.26/-2.66	-3.35/-2.88	-1.70/-0.89
Θ(30°)	-0.96/-0.48	0.13/0.67	0.77/0.68	0.30/-0.71	-0.92/-0.75	-1.91/-1.48	-0.45/-0.39	0.03/0.45	0.87/1.45	1.86/2.52	3.30/3.30	2.73/1.66	1.28/0.62	-0.84/-1.47	-0.66/-0.19	-0.66/-1.05	-1.32/-1.63	-0.65/-0.38
Θ(40°)	-0.33/-0.04	1.09/2.01	2.68/2.31	1.51/0.53	-0.49/-1.22	-2.24/-3.61	-2.98/-1.08	0.94/1.16	0.89/1.44	2.03/1.92	2.77/2.39	1.11/-0.52	-1.37/-1.08	-2.29/-3.92	-3.43/-2.73	-1.37/-0.97	-1.89/-1.63	-0.33/-0.17
Θ(50°)	-0.66/0.83	2.35/3.31	3.37/2.57	1.46/-0.14	-1.63/-1.88	-2.84/-4.52	-4.40/-1.81	0.28/-0.60	-0.51/1.49	2.16/0.78	0.90/-0.59	-1.85/-0.56	-2.45/-4.10	-4.16/-3.79	-2.83/-2.17	-1.40/-1.43	-1.16/-1.81	-0.32/-0.44
Θ(60°)	-1.16/0.58	2.21/2.53	2.06/1.28	0.07/-1.86	-3.85/-4.00	-4.62/-5.13	-3.72/-2.02	0.32/0.10	-0.43/1.01	1.21/-0.84	-1.81/-2.31	-1.97/-3.92	-3.55/-4.81	-6.08/-5.30	-6.26/-5.97	-4.85/-2.26	-1.97/-2.41	-0.36/-0.58
Θ(70°)	-1.10/-0.01	1.82/2.64	1.78/0.20	-1.87/-3.99	-5.58/-5.73	-5.16/-4.40	-4.53/-4.00	-1.31/-1.43	-0.94/-0.64	-1.18/-4.06	-2.88/-4.45	-4.63/-4.24	-6.99/-7.94	-5.45/-5.52	-6.70/-6.37	-6.33/-5.25	-4.38/-3.37	-1.54/-0.35
Θ(80°)	-0.55/-0.45	2.12/2.10	1.30/-0.02	-3.28/-5.67	-5.47/-6.37	-8.07/-8.19	-6.10/-5.26	-2.37/-2.23	-3.39/-1.91	-1.84/-3.54	-4.64/-5.24	-6.13/-5.70	-8.97/-11.16	-7.09/-3.88	-5.58/-7.73	-7.52/-5.42	-5.69/-3.71	-1.13/-0.45
Θ(90°)	-0.61/-1.23	0.75/0.26	0.51/-1.46	-5.25/-7.07	-6.22/-6.99	-8.90/-9.09	-8.98/-8.58	-6.57/-3.99	-4.98/-4.88	-4.39/-4.96	-9.61/-11.18	-9.39/-9.30	-8.03/-11.29	-11.71/-8.50	-7.87/-8.41	-8.31/-9.75	-8.47/-4.17	-0.89/-0.61
Θ(100°)	-0.13/-1.60	-0.28/-0.53	-1.64/-2.43	-3.63/-4.74	-4.70/-8.01	-13.68/-12.53	-9.26/-11.85	-8.02/-5.05	-7.44/-7.59	-5.00/-6.36	-9.87/-10.09	-8.61/-9.47	-9.93/-8.17	-13.96/-10.32	-10.77/-7.02	-7.90/-7.87	-5.53/-3.99	-1.49/-0.37
Θ(110°)	0.83/-0.09	0.22/-0.71	-1.49/-0.45	-1.36/-2.54	-3.19/-6.13	-9.96/-10.74	-9.24/-9.97	-15.21/-7.40	-14.12/-8.16	-5.29/-10.44	-10.94/-9.31	-9.09/-16.21	-11.96/-15.16	-16.24/-12.60	-13.94/-12.27	-10.49/-11.26	-3.84/-2.66	-1.43/-0.30
Θ(120°)	1.76/0.32	-0.05/0.20	-0.61/-1.51	-1.08/-0.82	-1.88/-3.66	-7.57/-10.47	-11.06/-14.38	-16.59/-13.82	-15.14/-9.37	-9.17/-11.36	-12.90/-10.31	-13.76/-11.10	-12.41/-9.67	-16.02/-15.97	-9.09/-10.80	-11.63/-9.77	-5.85/-1.26	-0.37/1.46
Θ(130°)	1.59/1.18	0.45/-0.23	-0.85/-0.77	-0.90/-1.41	-2.18/-3.86	-7.04/-11.27	-12.43/-12.63	-14.08/-13.33	-9.94/-6.81	-8.36/-12.82	-16.71/-12.49	-9.92/-15.21	-9.14/-14.94	-10.67/-13.57	-12.70/-11.01	-9.78/-9.87	-9.60/-5.10	-1.60/0.20
Θ(140°)	0.26/1.06	1.74/1.18	-0.13/-1.66	-2.41/-2.63	-3.38/-5.11	-8.01/-9.19	-11.73/-16.57	-14.25/-16.55	-14.50/-10.25	-11.39/-15.13	-16.33/-15.88	-15.89/-10.61	-11.18/-12.26	-10.53/-16.01	-11.90/-5.07	-7.29/-4.35	-4.56/-3.20	-2.11/-1.00
Θ(150°)	-2.16/-2.21	-1.02/-0.73	-1.37/-2.72	-4.33/-4.64	-5.29/-6.40	-8.28/-10.93	-16.45/-16.54	-13.40/-11.49	-11.99/-12.00	-12.33/-12.03	-14.87/-15.04	-12.68/-16.07	-15.86/-17.09	-17.06/-14.89	-16.66/-7.50	-5.19/-3.64	-3.43/-3.16	-2.76/-2.09
Θ(160°)	-6.32/-7.16	-6.31/-4.91	-4.36/-4.19	-4.07/-4.24	-5.68/-7.83	-9.36/-10.18	-10.91/-10.84	-12.24/-13.46	-15.90/-15.24	-14.60/-15.82	-17.00/-15.69	-14.61/-16.01	-16.37/-16.10	-16.34/-16.77	-16.98/-11.25	-10.18/-9.51	-7.42/-6.93	-6.73/-6.58
Θ(170°)	-10.50/-11.01	-11.70/-10.68	-8.12/-7.10	-7.07/-7.78	-8.42/-8.19	-7.98/-8.51	-11.00/-14.32	-15.01/-14.68	-16.09/-16.84	-16.23/-15.69	-15.57/-15.92	-16.16/-16.87	-16.13/-15.95	-16.11/-13.99	-12.27/-12.18	-12.56/-14.74	-14.25/-13.25	-11.49/-11.05
Θ(180°)	-14.58/-12.52	-11.33/-12.50	-13.87/-12.17	-12.21/-12.36	-11.57/-13.99	-16.15/-16.85	-16.00/-16.44	-15.80/-16.85	-16.09/-16.25	-16.82/-15.96	-15.82/-13.44	-12.97/-12.54	-12.71/-14.28	-14.47/-14.63	-15.45/-15.17	-14.13/-13.06	-13.13/-14.15	-14.27/-14.19

E1(XY plane) – Θ(90)Φ(0-360)
E2(XZ plane) – Θ(0-180)Φ(0) and Θ(0-180)Φ(180)
E3(YZ plane) – Θ(0-180)Φ(90) and Θ(0-180)Φ(270)

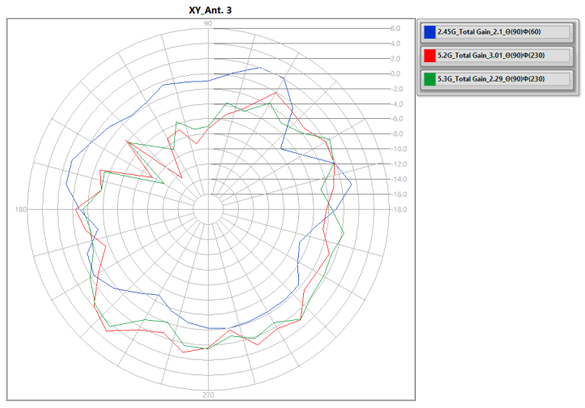
XY_Ant. 1



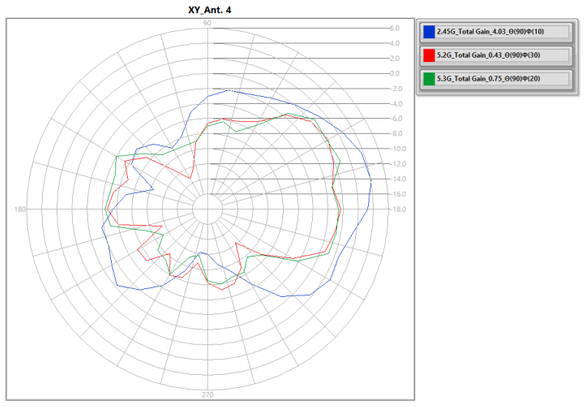
XY_Ant. 2



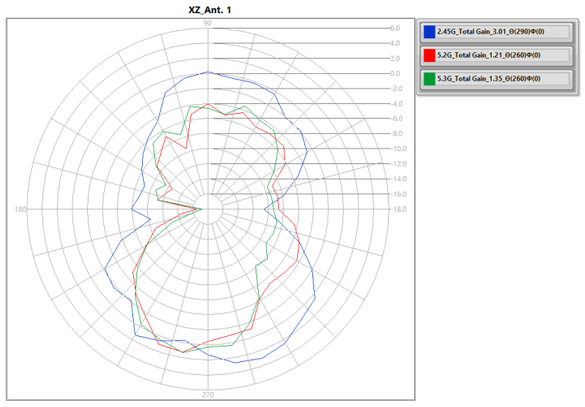
XY_Ant. 3



XY_Ant. 4



XZ_Ant. 1



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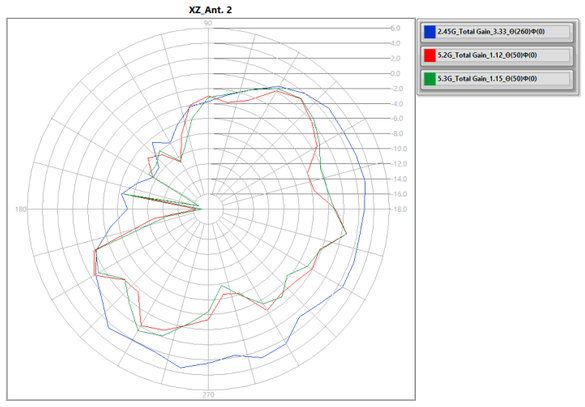

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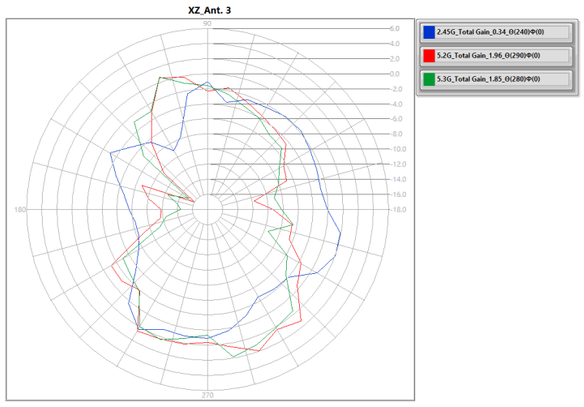

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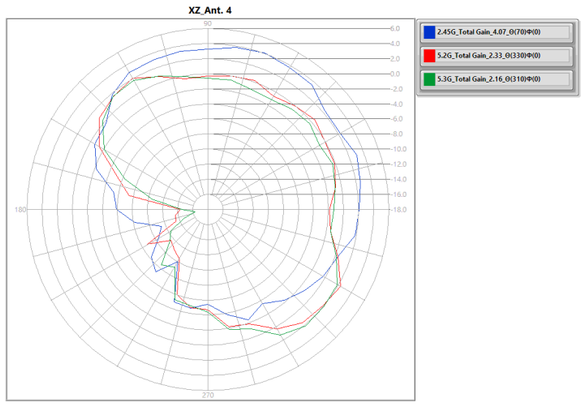

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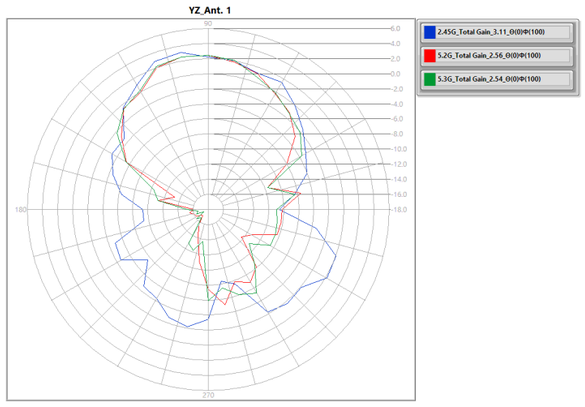

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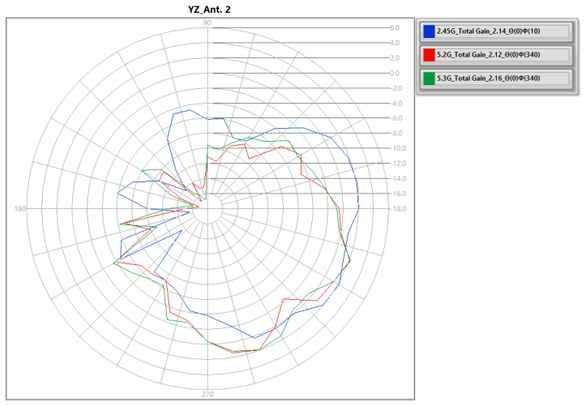

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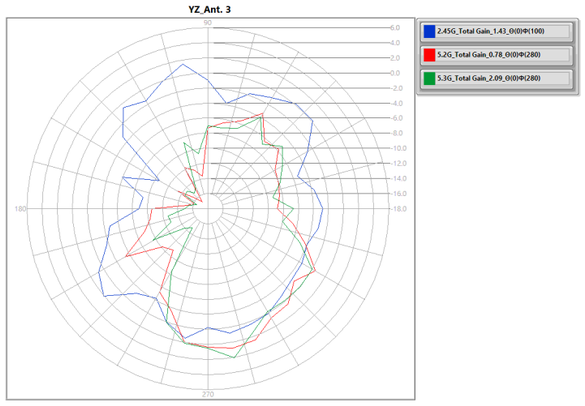

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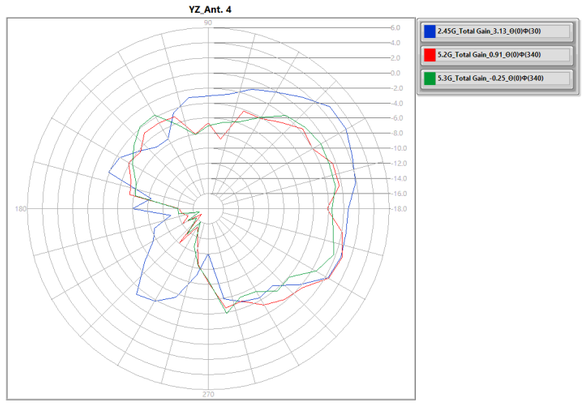


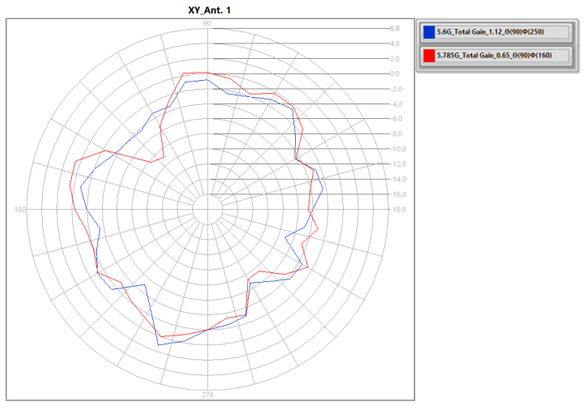
Total Gain Data

Freq(Hz)	5.6G/Pol.	Total/Ant. 1	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(10°)	Φ(20°)/Φ(30°)	Φ(40°)/Φ(50°)	Φ(60°)/Φ(70°)	Φ(80°)/Φ(90°)	Φ(100°)/Φ(110°)	Φ(120°)/Φ(130°)	Φ(140°)/Φ(150°)	Φ(160°)/Φ(170°)	Φ(180°)/Φ(190°)	Φ(200˚)/Φ(210°)	Φ(220°)/Φ(230°)	Φ(240°)/Φ(250°)	Φ(260°)/Φ(270°)	Φ(280°)/Φ(290°)	Φ(300°)/Φ(310°)	Φ(320°)/Φ(330°)	Φ(340°)/Φ(350°)
Θ(0°)	-3.37/-3.62	-3.83/-3.50	-3.28/-3.15	-3.25/-3.67	-4.63/-4.97	-5.57/-5.35	-5.08/-5.15	-4.85/-4.63	-4.72/-4.43	-3.90/-3.91	-3.76/-4.12	-4.00/-4.09	-4.00/-4.34	-5.30/-5.43	-5.37/-4.13	-3.30/-3.36	-4.29/-4.34	-4.13/-3.33
Θ(10°)	-2.10/-2.14	-2.42/-2.99	-3.29/-3.65	-4.40/-5.26	-5.97/-6.03	-5.71/-5.52	-5.73/-6.26	-6.06/-6.14	-6.48/-7.03	-7.67/-8.51	-9.45/-9.75	-8.99/-8.29	-7.27/-6.50	-6.15/-5.99	-5.77/-4.79	-3.64/-2.78	-2.62/-2.93	-2.83/-2.15
Θ(20°)	-2.17/-1.90	-3.05/-4.65	-5.56/-7.02	-8.43/-8.51	-8.27/-7.39	-6.34/-5.80	-5.27/-5.91	-7.74/-8.02	-7.71/-9.33	-12.13/-12.00	-11.78/-12.89	-11.79/-10.55	-11.27/-12.89	-13.72/-12.49	-11.33/-9.14	-6.62/-4.43	-3.32/-2.57	-1.82/-1.91
Θ(30°)	-1.69/-2.39	-3.73/-6.13	-7.90/-10.17	-9.80/-7.96	-6.68/-6.67	-6.80/-6.66	-7.81/-9.57	-9.70/-9.22	-7.77/-9.07	-8.71/-9.18	-7.18/-5.61	-6.33/-7.52	-8.19/-8.40	-8.33/-6.62	-5.05/-4.79	-4.17/-3.50	-2.26/-2.13	-2.22/-1.94
Θ(40°)	-1.36/-1.11	-1.78/-3.34	-5.23/-7.53	-8.21/-6.65	-6.97/-7.18	-6.39/-6.22	-6.80/-7.01	-7.55/-7.15	-4.99/-3.47	-3.98/-4.91	-3.38/-3.04	-3.66/-3.67	-3.05/-1.58	-0.66/-0.63	0.55/0.79	-0.15/-1.30	-1.83/-1.01	-1.52/-2.03
Θ(50°)	-1.38/-0.84	-1.10/-2.24	-3.48/-5.14	-6.68/-7.92	-8.04/-7.67	-6.75/-5.38	-3.93/-3.30	-3.08/-3.90	-4.80/-4.27	-4.80/-3.27	-1.17/-1.31	-1.03/-1.45	-0.78/-0.42	0.72/1.29	2.68/1.04	-0.31/-1.67	-2.61/-2.76	-2.15/-2.01
Θ(60°)	-0.22/0.41	0.72/-0.24	-1.38/-3.02	-5.70/-6.89	-6.38/-6.42	-6.42/-5.99	-4.30/-1.98	-1.02/-1.40	-1.34/-0.03	0.23/-1.19	-1.69/-1.09	-2.47/-1.33	-1.52/-2.92	-3.54/-2.05	-1.09/-0.70	-1.97/-3.17	-4.48/-4.90	-4.75/-1.96
Θ(70°)	-1.24/0.23	0.45/-0.78	-1.22/-2.81	-3.63/-6.58	-9.19/-9.11	-11.65/-11.33	-6.75/-3.03	-1.52/-2.53	-2.58/-0.37	0.36/0.12	1.24/-0.72	-2.24/-2.99	-8.48/-10.51	-6.28/-4.58	-6.70/-4.84	-2.88/-2.44	-2.41/-4.68	-4.62/-2.47
Θ(80°)	-2.33/-0.84	-0.99/-2.11	-1.14/-0.37	-2.12/-5.20	-7.67/-4.85	-3.34/-4.32	-4.46/-6.14	-5.20/-3.13	-1.37/-0.53	-1.48/-2.51	-1.57/0.81	-0.40/-3.40	-5.26/-1.98	0.05/-1.43	-1.88/-4.21	-3.39/-2.71	-3.22/-2.81	-4.28/-2.29
Θ(90°)	-4.03/-2.46	-2.75/-4.62	-2.78/-0.60	-1.17/-2.07	-2.48/-0.80	-0.85/-3.46	-3.35/-4.37	-4.10/-3.62	-2.08/-0.84	-1.98/-3.50	-2.33/-1.06	-1.42/-5.00	-2.81/1.12	-0.24/-2.06	-2.43/-2.98	-6.73/-5.46	-3.70/-3.50	-7.11/-4.86
Θ(100°)	-6.08/-4.31	-3.32/-4.28	-2.70/-0.16	-1.68/-3.19	-3.29/-1.60	-1.20/-0.85	0.49/-0.13	-1.06/-2.46	-4.10/-5.05	-6.13/-5.52	-1.71/-1.08	-2.19/-7.14	-1.46/-0.29	-5.30/-5.18	-7.30/-7.38	-11.30/-10.84	-7.39/-6.19	-7.23/-8.42
Θ(110°)	-9.93/-9.72	-7.70/-6.60	-5.19/-2.63	-2.62/-3.27	-3.06/-2.20	-2.03/-0.31	-0.65/-0.20	-2.03/-5.23	-4.91/-2.59	-3.41/-4.99	-2.48/-3.22	-1.55/-3.78	-2.17/-2.29	-6.85/-8.99	-6.68/-14.33	-7.77/-9.92	-10.51/-6.29	-10.86/-15.32
Θ(120°)	-11.28/-9.45	-8.58/-7.27	-7.90/-4.68	-4.36/-6.76	-6.24/-3.62	-1.98/-1.23	-1.15/-2.95	-4.95/-4.53	-2.18/-0.06	-1.05/-2.83	-5.56/-5.04	-4.06/-8.62	-6.51/-4.02	-5.56/-7.16	-8.96/-6.57	-8.70/-14.61	-11.26/-15.62	-8.12/-8.27
Θ(130°)	-11.52/-10.66	-9.96/-9.44	-11.17/-9.03	-5.95/-6.06	-8.98/-8.98	-8.09/-9.04	-7.84/-6.20	-2.85/0.20	-0.31/-1.69	-2.21/-4.62	-5.66/-5.56	-4.14/-4.10	-3.64/-2.44	-7.42/-6.82	-7.73/-8.36	-11.63/-10.76	-12.25/-10.35	-8.85/-8.72
Θ(140°)	-12.56/-9.63	-8.94/-10.04	-11.74/-11.10	-7.52/-6.69	-6.33/-4.86	-3.76/-3.60	-3.39/-2.88	-1.39/-0.19	-1.48/-4.36	-6.01/-5.77	-3.94/-3.87	-5.19/-7.81	-12.55/-12.68	-10.36/-14.31	-12.71/-15.70	-14.39/-9.54	-10.07/-7.62	-7.68/-12.81
Θ(150°)	-12.06/-11.88	-13.12/-11.82	-13.07/-12.28	-10.61/-8.56	-7.04/-5.49	-4.68/-4.15	-3.33/-2.61	-2.89/-4.54	-6.42/-4.24	-1.13/0.39	0.27/0.68	-0.10/-1.95	-4.37/-6.83	-9.00/-10.84	-9.57/-6.66	-7.82/-12.07	-14.33/-13.52	-10.79/-10.99
Θ(160°)	-11.57/-11.67	-13.42/-12.60	-11.23/-12.08	-14.54/-13.05	-12.63/-11.21	-9.91/-7.87	-6.80/-7.21	-8.25/-8.54	-7.04/-4.51	-2.12/-0.87	-0.94/-2.08	-5.18/-7.70	-10.03/-15.05	-15.48/-14.31	-15.29/-15.44	-14.95/-13.33	-12.66/-11.35	-11.05/-10.92
Θ(170°)	-8.46/-9.75	-11.75/-12.26	-11.84/-11.45	-11.18/-10.45	-9.43/-8.65	-8.32/-7.88	-7.63/-7.72	-7.61/-7.53	-7.47/-8.55	-10.06/-11.38	-13.33/-13.91	-15.57/-15.41	-12.26/-9.64	-9.38/-10.82	-12.37/-15.92	-15.19/-15.99	-14.20/-10.86	-8.41/-7.57
Θ(180°)	-10.71/-12.15	-13.24/-13.63	-13.19/-12.78	-13.30/-12.47	-11.25/-10.52	-10.90/-11.70	-12.55/-13.06	-13.41/-13.06	-13.47/-14.53	-15.37/-14.53	-13.56/-12.94	-11.98/-13.20	-13.49/-12.76	-11.68/-10.44	-10.49/-10.40	-10.84/-10.21	-10.07/-10.21	-10.54/-10.94
Freq(Hz)	5.785G/Pol.	Total/Ant. 1	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(10°)	Φ(20°)/Φ(30°)	Φ(40°)/Φ(50°)	Φ(60°)/Φ(70°)	Φ(80°)/Φ(90°)	Φ(100°)/Φ(110°)	Φ(120°)/Φ(130°)	Φ(140°)/Φ(150°)	Φ(160°)/Φ(170°)	Φ(180°)/Φ(190°)	Φ(200°)/Φ(210°)	Φ(220°)/Φ(230°)	Φ(240°)/Φ(250°)	Φ(260°)/Φ(270°)	Φ(280°)/Φ(290°)	Φ(300°)/Φ(310°)	Φ(320°)/Φ(330°)	Φ(340°)/Φ(350°)
Θ(0°)	-8.27/-7.91	-7.72/-8.47	-9.10/-9.53	-9.34/-9.63	-10.76/-11.35	-10.94/-10.87	-10.38/-9.71	-9.22/-9.01	-9.48/-9.58	-8.86/-8.19	-7.59/-7.66	-7.83/-8.74	-7.94/-8.16	-9.82/-11.98	-10.67/-9.21	-8.25/-8.59	-9.25/-9.16	-8.20/-7.81
Θ(10°)	-5.59/-5.97	-7.60/-9.68	-10.83/-10.47	-8.86/-8.17	-7.36/-7.64	-7.13/-6.88	-6.64/-6.31	-6.33/-7.06	-8.72/-10.52	-12.31/-12.91	-14.01/-14.14	-13.52/-12.40	-10.16/-8.59	-7.98/-7.70	-6.91/-5.99	-5.36/-5.02	-4.61/-4.63	-4.77/-4.79
Θ(20°)	-1.60/-2.50	-4.70/-8.00	-9.08/-8.02	-7.33/-6.43	-5.93/-5.87	-5.70/-5.88	-5.93/-6.16	-7.66/-8.87	-9.07/-10.25	-12.89/-11.96	-10.55/-10.93	-13.17/-15.81	-15.70/-15.36	-13.53/-11.97	-10.35/-7.43	-4.32/-2.90	-2.42/-2.23	-2.14/-1.75
Θ(30°)	-0.61/-1.51	-3.74/-6.96	-12.21/-11.13	-10.23/-10.17	-8.27/-7.14	-6.93/-7.09	-7.18/-9.86	-15.09/-15.01	-13.09/-10.14	-7.18/-6.18	-7.67/-6.50	-6.75/-8.92	-9.79/-9.39	-10.06/-9.16	-8.87/-5.81	-3.92/-2.90	-3.07/-2.86	-2.02/-0.94
Θ(40°)	-1.02/-1.43	-2.18/-4.18	-5.67/-5.64	-3.83/-2.60	-2.55/-2.16	-1.79/-2.02	-4.18/-6.96	-9.34/-8.14	-7.31/-3.43	-1.67/-3.07	-3.17/-2.48	-4.08/-4.19	-2.54/-2.21	-2.19/-1.29	-0.13/-0.21	-0.89/-1.46	-1.06/-2.19	-3.34/-2.22
Θ(50°)	-0.09/-0.46	-0.53/-1.71	-4.13/-5.60	-6.08/-5.41	-3.29/-1.67	-1.09/-0.69	-1.02/-1.87	-2.79/-2.73	-4.12/-1.77	-1.26/-3.03	-1.69/-3.28	-4.54/-2.85	-0.89/0.03	0.48/0.75	1.13/1.16	0.53/-0.68	-2.39/-2.02	-1.45/-1.30
Θ(60°)	-0.11/-0.01	-1.27/-2.31	-2.57/-3.77	-6.18/-6.67	-4.02/-2.48	-2.56/-3.15	-2.85/-1.65	-0.94/-1.00	-1.04/0.38	0.94/0.17	-1.07/-1.81	-2.66/0.43	0.66/-1.21	-2.32/-2.13	-1.47/-1.14	-1.10/-3.32	-4.27/-3.38	-1.38/-0.43
Θ(70°)	-1.36/-1.29	-1.24/-1.26	-1.30/-2.36	-6.77/-11.26	-6.64/-5.41	-7.02/-8.61	-5.82/-3.96	-2.16/-0.87	-0.91/0.33	1.46/2.88	1.86/0.73	-2.24/-3.48	-4.41/-5.09	-3.44/-2.96	-2.84/-3.20	-2.26/-3.74	-5.15/-4.14	-1.92/-1.66
Θ(80°)	-2.96/-1.86	-1.12/-2.26	-1.75/-1.33	-3.60/-6.01	-4.38/-3.13	-2.30/-4.33	-6.90/-9.80	-6.44/-1.49	-0.30/-0.52	-0.21/-0.44	-1.14/-0.77	-2.39/-3.09	-2.78/-0.87	-1.25/-1.64	-0.47/-0.84	-3.40/-5.50	-4.81/-2.07	-2.56/-2.57
Θ(90°)	-4.62/-4.19	-3.06/-4.41	-1.49/-0.27	-0.27/-1.74	-0.44/0.12	0.30/-2.78	-5.33/-8.95	-8.25/-2.38	0.65/0.58	-0.36/-1.67	-1.98/-1.20	-2.99/-2.18	-1.43/-0.06	-1.15/-2.01	-3.38/-3.17	-7.24/-7.37	-4.59/-2.65	-4.70/-3.11
Θ(100°)	-4.07/-4.17	-3.93/-5.05	-2.44/-0.28	0.27/-1.87	-0.86/-0.75	1.35/-0.38	-0.27/-2.55	-2.95/-0.54	-0.49/-2.33	-4.56/-5.70	-3.44/-1.65	-1.42/-6.82	-1.09/0.11	-4.91/-4.77	-5.32/-6.63	-11.41/-11.14	-7.38/-5.01	-7.98/-5.58
Θ(110°)	-6.92/-6.45	-6.80/-7.35	-5.99/-2.11	-2.10/-3.00	-2.76/-2.27	-1.93/-1.64	-0.09/1.39	0.28/-2.87	-6.66/-6.46	-3.01/-4.50	-1.60/-3.78	-2.60/-3.81	-0.78/-1.74	-7.06/-9.40	-9.38/-13.09	-10.67/-8.24	-8.82/-9.77	-10.84/-7.86
Θ(120°)	-10.56/-9.99	-8.21/-8.01	-8.36/-3.86	-3.64/-4.46	-3.80/-2.15	-0.77/-0.90	-0.86/-1.03	-2.86/-5.64	-5.31/-1.47	-1.35/-3.57	-3.22/-8.04	-7.49/-12.11	-5.84/-3.65	-6.86/-10.16	-9.30/-6.86	-9.15/-13.80	-8.86/-14.29	-5.71/-6.09
Θ(130°)	-12.78/-12.20	-9.17/-7.03	-11.11/-8.69	-6.48/-8.54	-8.63/-6.30	-4.27/-3.97	-3.91/-5.25	-7.45/-6.13	-2.33/-0.39	-0.48/-3.63	-6.49/-7.82	-7.03/-5.43	-4.05/-1.84	-6.68/-9.26	-7.00/-8.08	-10.82/-15.44	-15.22/-12.10	-10.79/-9.22
Θ(140°)	-11.34/-8.44	-9.08/-8.20	-10.62/-11.92	-8.59/-7.24	-6.29/-5.22	-4.52/-4.44	-5.27/-4.32	-2.24/-0.77	-1.03/-2.86	-5.80/-6.76	-6.61/-5.31	-5.41/-8.10	-12.16/-15.65	-9.14/-15.28	-15.04/-11.57	-13.08/-9.75	-9.72/-7.20	-8.76/-14.86
Θ(150°)	-10.96/-10.19	-9.74/-9.52	-14.86/-15.00	-9.72/-7.13	-5.59/-5.05	-4.76/-4.46	-3.23/-1.94	-1.87/-2.58	-4.71/-5.55	-2.54/-0.07	0.05/-0.09	-0.13/-2.86	-6.72/-10.53	-14.17/-13.37	-10.36/-7.25	-9.80/-12.07	-12.45/-12.94	-11.20/-12.38
Θ(160°)	-10.84/-12.17	-15.08/-11.89	-11.73/-12.49	-11.36/-10.50	-10.02/-9.51	-8.61/-7.64	-6.18/-5.96	-6.80/-8.76	-7.07/-4.40	-2.87/-1.82	-1.40/-2.45	-5.12/-10.11	-11.70/-16.27	-12.99/-11.40	-12.45/-13.22	-14.62/-13.73	-13.86/-12.96	-13.39/-13.63
Θ(170°)	-11.60/-14.38	-11.38/-10.64	-10.05/-10.71	-10.43/-10.15	-9.38/-8.70	-7.97/-8.16	-8.52/-8.87	-8.31/-7.30	-6.74/-6.70	-7.51/-9.82	-12.40/-15.41	-15.66/-15.45	-15.64/-15.10	-14.68/-12.32	-12.45/-13.67	-14.81/-15.71	-12.20/-10.02	-9.94/-10.30
Θ(180°)	-13.07/-13.17	-12.57/-12.27	-11.93/-13.07	-13.87/-12.56	-12.35/-12.37	-12.27/-11.60	-10.67/-11.33	-11.92/-12.55	-14.24/-15.64	-15.76/-14.96	-15.20/-15.20	-14.52/-14.88	-15.27/-15.45	-15.08/-15.15	-14.83/-15.21	-14.85/-15.01	-13.33/-13.04	-13.78/-13.10
Freq(Hz)	5.6G/Pol.	Total/Ant. 2	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(10°)	Φ(20°)/Φ(30°)	Φ(40°)/Φ(50°)	Φ(60°)/Φ(70°)	Φ(80°)/Φ(90°)	Φ(100°)/Φ(110°)	Φ(120°)/Φ(130°)	Φ(140°)/Φ(150°)	Φ(160°)/Φ(170°)	Φ(180°)/Φ(190°)	Φ(200°)/Φ(210°)	Φ(220°)/Φ(230°)	Φ(240°)/Φ(250°)	Φ(260°)/Φ(270°)	Φ(280°)/Φ(290°)	Φ(300°)/Φ(310°)	Φ(320°)/Φ(330°)	Φ(340°)/Φ(350°)
Θ(0°)	-6.23/-6.98	-7.11/-7.13	-7.04/-7.17	-6.89/-7.32	-6.52/-6.77	-6.73/-6.74	-6.93/-7.49	-7.28/-6.89	-7.15/-6.70	-6.46/-6.43	-6.31/-6.36	-6.72/-6.63	-7.17/-7.52	-8.30/-7.96	-7.54/-8.19	-8.31/-7.28	-6.39/-6.74	-6.67/-6.62
Θ(10°)	-9.54/-9.28	-8.33/-6.80	-5.48/-4.78	-4.86/-4.31	-4.09/-3.97	-4.06/-3.84	-3.89/-3.96	-4.10/-4.19	-4.18/-4.55	-4.33/-3.98	-4.04/-3.56	-3.50/-4.02	-4.09/-4.63	-5.54/-6.21	-7.09/-8.96	-10.39/-12.01	-13.83/-13.07	-12.13/-9.77
Θ(20°)	-9.51/-9.22	-10.41/-8.48	-6.42/-6.45	-6.10/-6.23	-4.87/-4.25	-3.75/-4.05	-4.53/-4.75	-4.47/-4.90	-4.97/-3.84	-2.61/-2.44	-2.98/-3.13	-2.97/-3.62	-3.83/-2.55	-1.53/-1.26	-1.97/-2.71	-4.33/-6.93	-8.70/-8.85	-7.73/-8.02
Θ(30°)	-5.76/-6.81	-7.56/-11.98	-14.95/-14.06	-12.51/-14.00	-12.69/-10.81	-8.67/-6.18	-4.09/-2.51	-1.91/-2.78	-3.76/-2.93	-3.22/-3.61	-4.60/-5.18	-5.58/-5.52	-2.56/-0.98	-0.81/-0.46	-0.08/-0.20	-1.08/-2.60	-4.82/-4.85	-3.84/-3.98
Θ(40°)	-4.68/-7.67	-10.82/-7.40	-7.61/-6.17	-5.90/-4.81	-3.87/-3.01	-2.20/-1.66	-1.58/-3.52	-3.85/-2.46	-3.66/-4.33	-4.13/-4.52	-2.46/-2.26	-3.34/-2.55	-2.26/-2.62	-1.95/-1.35	-0.63/-0.56	-0.79/-2.16	-3.94/-3.49	-2.19/-1.48
Θ(50°)	-6.02/-8.11	-5.35/-3.22	-3.21/-3.01	-5.51/-6.51	-8.14/-9.20	-6.03/-3.41	-1.85/-2.70	-8.27/-6.75	-4.39/-4.91	-10.38/-5.39	-2.85/-2.01	-2.54/-2.60	-5.00/-7.26	-4.52/-0.94	-0.81/-2.07	-3.35/-4.51	-6.16/-7.91	-4.05/-2.01
Θ(60°)	-6.37/-10.96	-6.82/-4.72	-3.72/-4.42	-4.44/-3.26	-4.32/-7.07	-7.90/-3.89	-4.52/-6.78	-9.04/-7.50	-3.55/-4.73	-7.76/-5.18	-3.56/-3.11	-3.79/-2.46	-3.73/-3.13	-0.86/0.28	-0.72/-2.36	-4.73/-5.18	-5.75/-7.47	-7.27/-4.06
Θ(70°)	-6.02/-11.98	-12.03/-7.98	-3.55/-2.57	-0.53/-1.15	-1.33/-3.36	-5.45/-2.22	-0.92/-3.17	-8.59/-13.37	-11.73/-10.18	-9.40/-7.77	-12.07/-4.62	-7.00/-7.52	-2.03/-1.44	-0.61/1.17	0.52/-2.59	-4.00/-3.40	-5.46/-7.30	-6.02/-5.54
Θ(80°)	-4.95/-13.22	-13.91/-7.76	-2.95/-2.75	-2.97/-1.99	-2.85/-4.17	-6.46/-3.39	-0.83/-1.09	-1.15/-5.97	-10.30/-5.11	-5.51/-2.73	-5.24/-3.32	-3.52/-0.49	1.12/2.64	3.71/3.02	2.21/1.68	-1.30/-2.45	-5.65/-8.18	-4.31/-4.83
Θ(90°)	-3.29/-8.14	-9.98/-5.52	-4.90/-3.99	-4.12/-2.39	-3.11/-4.22	-5.00/-1.27	0.85/-0.67	0.49/-1.39	-6.01/-4.56	-5.94/-3.32	-2.80/-1.23	-1.16/1.08	3.42/4.19	3.50/2.26	3.00/1.29	-1.05/-1.82	-12.12/-9.52	-6.37/-10.84
Θ(100°)	-6.46/-7.84	-9.08/-9.39	-6.14/-4.64	-5.99/-6.22	-9.18/-10.06	-6.15/-0.44	2.56/2.85	2.60/-0.77	-5.49/-6.97	-9.76/-5.57	-4.47/0.75	-1.02/-0.86	3.69/2.72	-3.05/-0.87	0.86/-7.20	-0.24/-5.64	-9.13/-9.16	-4.84/-13.24
Θ(110°)	-7.53/-9.46	-9.40/-12.38	-10.35/-8.85	-9.97/-11.55	-10.95/-14.71	-13.12/-3.50	-0.44/2.09	3.79/2.19	-0.11/-3.15	-4.41/-4.28	-3.09/0.94	-1.23/-1.60	1.39/1.00	-1.63/-4.50	-1.19/-4.79	-1.48/-7.43	-4.45/-5.07	-7.90/-12.78
Θ(120°)	-14.89/-8.87	-16.21/-13.53	-12.94/-10.39	-9.28/-7.66	-10.75/-11.42	-6.54/-4.56	-2.12/0.51	1.35/1.47	0.74/-2.39	-4.88/-1.55	-2.27/3.58	-1.71/-12.74	1.34/2.60	-1.91/-2.59	3.02/-2.84	-0.21/-2.38	-5.49/-11.27	-8.96/-12.85
Θ(130°)	-10.63/-11.15	-11.48/-9.18	-12.11/-10.76	-7.45/-8.09	-9.48/-4.17	-1.33/0.85	0.48/0.35	-0.69/-2.27	-2.05/-2.77	-4.21/-0.41	-1.48/0.29	-2.29/-11.80	-2.02/0.99	-8.50/-4.17	2.67/-3.49	-8.45/-3.26	-13.10/-8.00	-15.08/-9.53
Θ(140°)	-10.91/-14.60	-11.02/-9.76	-13.26/-11.25	-10.73/-10.82	-5.26/-2.54	-1.02/-0.23	-0.37/-1.91	-2.76/-4.88	-9.38/-8.43	-6.54/-5.03	-4.96/-2.53	-4.93/-4.36	-4.86/-3.49	-6.48/-9.08	-6.76/-7.82	-6.37/-8.07	-7.38/-5.83	-10.18/-12.24
Θ(150°)	-11.98/-12.19	-13.91/-14.34	-14.35/-12.75	-11.72/-9.15	-6.85/-7.48	-8.46/-8.12	-7.44/-5.36	-4.50/-4.28	-2.52/-0.97	-2.56/-4.82	-5.45/-6.78	-5.61/-5.97	-7.41/-7.40	-12.31/-12.17	-8.61/-5.58	-6.31/-7.84	-10.66/-10.21	-12.11/-14.90
Θ(160°)	-10.83/-12.27	-14.32/-14.44	-13.86/-12.19	-11.29/-11.07	-11.65/-10.92	-9.63/-8.50	-7.25/-5.94	-4.91/-4.79	-3.47/-2.23	-2.48/-4.31	-5.27/-4.95	-5.14/-6.26	-6.37/-4.96	-6.58/-9.73	-11.08/-12.36	-13.74/-12.77	-13.18/-10.20	-10.85/-11.83
Θ(170°)	-15.69/-15.13	-13.47/-14.98	-14.57/-14.17	-16.13/-14.75	-15.52/-14.12	-12.51/-11.24	-9.75/-9.45	-9.33/-7.73	-6.22/-5.27	-4.91/-5.10	-5.60/-6.97	-9.31/-11.61	-12.86/-12.53	-13.09/-14.95	-13.77/-11.43	-9.67/-9.79	-8.98/-10.59	-13.59/-14.87
Θ(180°)	-15.02/-14.11	-13.52/-10.87	-10.96/-12.88	-14.01/-15.54	-15.06/-15.68	-16.11/-14.88	-15.84/-15.40	-15.66/-15.61	-14.21/-14.80	-14.08/-15.25	-15.02/-14.76	-15.91/-14.63	-13.06/-12.57	-13.14/-15.07	-14.67/-14.24	-14.93/-13.81	-13.02/-11.78	-12.53/-13.33
Freq(Hz)	5.785G/Pol.	Total/Ant. 2	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(10°)	Φ(20°)/Φ(30°)	Φ(40°)/Φ(50°)	Φ(60°)/Φ(70°)	Φ(80°)/Φ(90°)	Φ(100°)/Φ(110°)	Φ(120°)/Φ(130°)	Φ(140°)/Φ(150°)	Φ(160°)/Φ(170°)	Φ(180°)/Φ(190°)	Φ(200°)/Φ(210°)	Φ(220°)/Φ(230°)	Φ(240°)/Φ(250°)	Φ(260°)/Φ(270°)	Φ(280°)/Φ(290°)	Φ(300°)/Φ(310°)	Φ(320°)/Φ(330°)	Φ(340°)/Φ(350°)
Θ(0°)	-9.50/-9.12	-8.61/-9.12	-9.13/-8.56	-7.69/-7.92	-7.51/-7.98	-7.67/-7.40	-7.29/-7.18	-7.02/-7.07	-7.18/-7.36	-7.59/-8.21	-8.82/-8.70	-8.43/-8.35	-8.49/-7.87	-7.23/-7.98	-8.06/-7.86	-8.48/-9.48	-10.17/-9.00	-9.05/-7.47
Θ(10°)	-11.67/-11.35	-9.69/-10.78	-11.12/-9.92	-8.09/-6.95	-5.63/-5.77	-5.71/-6.38	-6.76/-6.13	-5.88/-5.76	-5.42/-5.62	-5.42/-5.79	-6.26/-6.24	-5.90/-5.30	-3.93/-3.20	-3.50/-4.63	-5.58/-6.69	-8.20/-9.43	-10.55/-11.45	-12.66/-12.31
Θ(20°)	-9.06/-8.71	-10.22/-10.35	-8.93/-7.21	-6.36/-5.77	-5.50/-5.81	-5.81/-6.02	-5.90/-6.51	-6.04/-6.51	-7.54/-7.59	-6.77/-5.41	-4.74/-4.57	-4.48/-3.48	-2.71/-3.12	-3.35/-2.75	-2.18/-3.11	-4.55/-6.91	-10.49/-14.22	-13.12/-13.55
Θ(30°)	-7.90/-6.94	-14.41/-13.74	-12.92/-10.56	-10.74/-9.63	-9.50/-9.50	-9.95/-10.42	-8.34/-6.34	-5.54/-5.37	-6.99/-7.51	-5.59/-5.88	-5.76/-4.81	-3.74/-2.43	-2.52/-1.33	-0.60/-0.31	-0.05/0.20	-0.25/-1.48	-3.83/-6.03	-6.49/-6.71
Θ(40°)	-6.46/-7.02	-8.20/-7.93	-7.72/-7.35	-6.74/-7.07	-7.20/-5.87	-4.59/-4.51	-5.22/-5.97	-4.77/-3.71	-4.55/-6.13	-3.51/-3.53	-4.90/-4.82	-2.61/-1.72	-2.29/-3.57	-1.90/-0.03	0.43/0.93	0.52/-1.35	-1.76/-3.51	-2.62/-3.44
Θ(50°)	-8.11/-6.82	-4.58/-4.18	-4.52/-5.04	-8.42/-10.84	-8.90/-8.94	-6.70/-4.13	-4.41/-4.87	-8.37/-5.50	-1.51/-0.76	-1.12/-2.88	-2.74/-2.70	-2.44/-0.99	-3.02/-5.15	-5.99/-3.75	-5.05/-3.69	-4.50/-3.71	-4.06/-3.39	-3.52/-2.94
Θ(60°)	-4.88/-10.16	-5.04/-2.78	-2.86/-5.60	-6.80/-5.75	-2.78/-1.92	-2.70/-3.71	-5.21/-6.84	-5.50/-4.38	-0.52/-0.51	-1.85/-2.34	-1.85/-0.06	-0.81/0.77	-0.02/-0.72	0.06/0.54	-0.24/-1.51	-6.66/-7.32	-9.07/-7.22	-5.22/-3.74
Θ(70°)	-4.06/-12.77	-11.08/-4.88	-3.59/-2.01	-2.44/-2.35	-1.53/-1.86	-3.08/-2.73	-2.77/-5.95	-9.90/-5.33	-1.13/-0.56	-2.80/-1.18	-3.73/0.31	-0.70/1.58	2.34/1.07	0.44/0.63	1.59/-0.15	-1.45/-3.21	-5.20/-6.46	-8.59/-6.20
Θ(80°)	-5.76/-11.08	-13.45/-9.40	-3.76/-2.38	-3.75/-2.74	-2.65/-4.21	-4.30/-3.77	-2.17/-2.38	-3.27/-7.96	-4.09/-2.76	-2.87/-0.67	-3.51/-1.54	-2.93/0.57	0.80/1.47	3.27/1.03	1.35/0.24	-3.00/-3.32	-4.12/-8.00	-5.13/-10.45
Θ(90°)	-6.55/-10.64	-16.23/-14.58	-5.71/-1.65	-1.16/-4.44	-4.80/-4.85	-4.34/-3.13	-1.07/-1.89	-2.54/-4.94	-6.42/-2.44	-3.71/-2.39	-3.72/-0.95	0.69/2.54	2.05/4.27	4.07/3.48	3.05/2.58	0.24/-1.75	-7.51/-6.68	-8.48/-9.17
Θ(100°)	-10.15/-9.10	-5.90/-4.09	-2.20/-0.68	-2.62/-4.16	-6.35/-7.46	-1.56/-0.78	3.13/3.00	2.73/-0.31	-2.01/-4.49	-6.84/-2.27	-0.65/3.76	2.57/1.28	3.43/2.69	-1.49/-0.10	0.02/-6.65	-1.20/-1.52	-8.56/-11.99	-4.84/-12.06
Θ(110°)	-11.61/-7.89	-10.87/-10.77	-13.04/-6.23	-7.73/-9.42	-11.17/-15.48	-9.60/-2.92	0.84/2.47	3.04/0.72	-2.17/-3.46	-0.64/-0.26	-0.69/2.69	2.63/0.66	1.18/0.89	-0.61/-5.41	-1.04/-7.34	-2.83/-7.66	-14.67/-6.41	-7.14/-9.10
Θ(120°)	-11.31/-9.86	-10.52/-13.53	-11

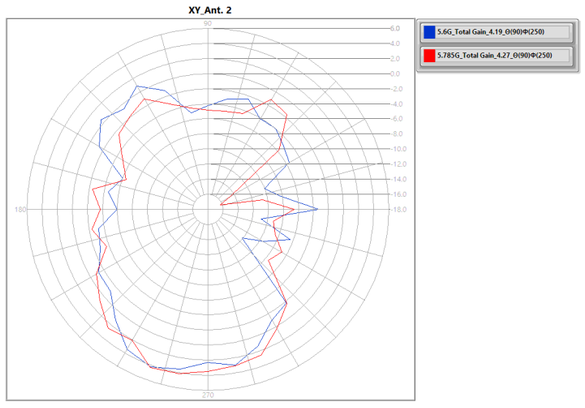
Θ(60°)	-2.17/-1.42	-1.66/-0.95	-1.00/-2.25	-1.79/-1.85	-2.32/-2.50	-2.46/-1.80	-1.76/-2.11	-4.65/-6.15	-3.90/-0.89	-0.45/-1.24	-2.19/-4.38	-5.19/-2.94	-3.15/-3.89	-4.22/-4.34	-2.71/-1.39	-2.33/-2.87	-1.31/0.87	0.41/-1.07
Θ(70°)	-3.20/-2.16	-2.00/-1.30	-2.87/-2.62	0.26/0.57	-1.43/-2.50	-3.26/-3.42	-4.00/-4.78	-6.78/-8.44	-4.85/-1.05	-1.01/-1.85	-1.04/-2.51	-1.19/-0.34	-0.93/-1.61	-1.09/-2.31	-1.13/-1.08	-3.56/-4.75	-1.68/0.31	-0.42/-1.84
Θ(80°)	-4.43/-3.10	-1.99/-2.32	-2.42/0.36	2.95/0.35	-2.21/-2.86	-4.83/-7.82	-6.94/-6.75	-5.17/-5.39	-5.59/-2.55	-1.53/-2.31	-2.24/-3.38	-0.92/1.02	-0.12/-2.46	0.15/-0.94	-0.12/0.29	-1.06/-5.47	-3.81/-0.27	-2.32/-3.13
Θ(90°)	-4.19/-2.22	-3.20/-4.25	-1.28/0.50	0.68/-1.68	-2.65/-3.87	-4.87/-8.09	-6.38/-12.71	-11.69/-6.78	-6.29/-2.93	-1.73/-4.41	-3.52/-3.44	-2.47/-0.43	-1.85/-6.29	-2.05/-2.96	-1.66/-0.94	-2.64/-6.74	-5.44/-2.96	-3.06/-2.92
Θ(100°)	-3.49/-4.08	-4.13/-2.90	-1.49/-1.29	-0.69/-2.93	-3.36/-4.01	-5.68/-8.10	-6.13/-9.23	-12.78/-8.46	-6.43/-5.57	-4.02/-8.07	-5.28/-5.38	-5.07/-1.82	-3.07/-13.20	-1.76/-6.33	-3.28/-2.67	-4.80/-7.42	-5.19/-4.55	-5.77/-3.64
Θ(110°)	-3.79/-3.20	-4.60/-6.29	-4.67/-3.67	-1.54/-3.85	-6.74/-6.11	-8.07/-11.95	-11.79/-10.23	-11.50/-7.41	-4.86/-7.42	-6.68/-13.55	-9.23/-5.18	-6.13/-4.09	-3.82/-13.44	-5.18/-12.10	-4.51/-3.02	-2.66/-7.95	-8.74/-8.80	-6.11/-3.44
Θ(120°)	-1.98/-1.41	-4.22/-7.79	-6.64/-6.44	-6.60/-6.04	-6.71/-6.98	-9.80/-11.31	-13.42/-11.80	-9.57/-8.32	-7.67/-11.74	-12.39/-14.46	-15.33/-15.84	-8.04/-4.44	-5.17/-4.48	-2.69/-8.34	-2.95/-2.09	-2.46/-9.62	-4.59/-1.44	-4.86/-1.28
Θ(130°)	-0.41/0.16	-2.35/-4.64	-5.58/-6.10	-5.30/-6.42	-8.81/-10.50	-9.28/-10.50	-9.93/-13.99	-12.12/-13.46	-10.61/-10.84	-10.74/-12.92	-12.80/-11.71	-7.95/-4.38	-11.28/-4.04	-3.52/-8.13	-4.94/-2.91	-2.89/-8.59	-8.64/-1.67	-2.49/-0.94
Θ(140°)	-3.35/-3.12	-2.63/-2.60	-5.40/-8.54	-6.01/-4.55	-5.50/-8.71	-11.07/-12.63	-10.93/-8.34	-9.61/-15.01	-12.51/-12.97	-11.53/-10.69	-13.33/-15.81	-15.21/-10.74	-5.83/-7.56	-7.30/-9.48	-8.25/-7.68	-5.80/-3.96	-3.00/-3.70	-5.60/-4.95
Θ(150°)	-4.70/-4.02	-3.98/-4.21	-5.37/-5.30	-6.63/-7.36	-7.03/-7.02	-8.60/-11.22	-13.53/-14.63	-15.05/-12.46	-13.95/-13.07	-9.88/-10.64	-12.31/-14.46	-9.31/-7.27	-9.23/-13.00	-7.90/-8.39	-10.06/-7.78	-5.08/-5.17	-5.60/-5.86	-7.20/-5.99
Θ(160°)	-2.91/-2.60	-2.48/-4.24	-6.46/-9.26	-10.57/-12.94	-13.86/-14.37	-13.57/-14.99	-15.39/-16.05	-15.96/-15.46	-15.06/-12.80	-11.77/-13.97	-14.90/-12.24	-9.99/-10.56	-11.23/-8.81	-7.90/-9.71	-11.70/-13.71	-13.06/-11.01	-7.79/-5.39	-4.44/-3.88
Θ(170°)	-6.43/-6.74	-8.59/-9.07	-9.58/-9.49	-11.31/-15.28	-15.77/-15.11	-15.05/-14.26	-14.32/-14.90	-15.06/-12.91	-10.47/-10.52	-10.97/-11.70	-11.29/-9.37	-8.21/-7.60	-7.33/-7.45	-8.24/-8.67	-9.90/-11.80	-15.45/-12.31	-9.59/-7.99	-7.46/-6.13
Θ(180°)	-12.05/-11.24	-10.47/-10.68	-10.63/-13.93	-15.51/-14.37	-12.75/-11.19	-11.23/-10.56	-9.56/-10.29	-12.63/-14.64	-14.97/-14.34	-14.70/-14.27	-14.34/-14.79	-14.17/-15.93	-15.71/-14.39	-14.61/-15.41	-15.76/-15.13	-15.49/-15.08	-15.95/-15.06	-13.09/-12.87
Freq(Hz)	5.6G/Pol.	Total/Ant. 4	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(10°)	Φ(20°)/Φ(30°)	Φ(40°)/Φ(50°)	Φ(60°)/Φ(70°)	Φ(80°)/Φ(90°)	Φ(100°)/Φ(110°)	Φ(120°)/Φ(130°)	Φ(140°)/Φ(150°)	Φ(160°)/Φ(170°)	Φ(180°)/Φ(190°)	Φ(200°)/Φ(210°)	Φ(220°)/Φ(230°)	Φ(240°)/Φ(250°)	Φ(260°)/Φ(270°)	Φ(280°)/Φ(290°)	Φ(300°)/Φ(310°)	Φ(320°)/Φ(330°)	Φ(340°)/Φ(350°)
Θ(0°)	-7.10/-5.44	-4.63/-5.81	-6.19/-5.98	-5.92/-5.90	-6.60/-7.37	-7.42/-7.17	-7.52/-7.93	-8.26/-8.39	-8.02/-7.51	-7.55/-6.68	-5.80/-6.08	-6.55/-6.70	-6.76/-6.40	-6.54/-6.50	-6.52/-6.54	-6.39/-6.00	-6.02/-6.16	-6.64/-7.34
Θ(10°)	-5.13/-4.55	-4.31/-4.14	-3.90/-3.72	-4.18/-5.44	-6.21/-5.97	-5.95/-5.70	-6.09/-6.07	-6.54/-7.05	-6.96/-6.80	-6.67/-6.88	-6.06/-5.74	-6.85/-7.59	-8.17/-8.64	-8.85/-8.91	-7.56/-6.55	-5.86/-5.04	-5.14/-5.19	-5.11/-4.88
Θ(20°)	-6.45/-5.60	-5.29/-5.19	-5.30/-5.02	-5.69/-5.81	-5.69/-6.22	-7.88/-7.44	-7.03/-6.79	-6.36/-5.53	-5.48/-4.48	-3.85/-4.96	-7.33/-9.73	-10.40/-10.19	-10.89/-9.72	-8.69/-8.22	-7.49/-8.01	-8.32/-7.44	-6.10/-5.23	-5.34/-6.55
Θ(30°)	-7.38/-8.07	-7.18/-6.92	-5.53/-4.47	-4.41/-3.61	-3.86/-3.82	-3.65/-3.72	-2.42/-1.88	-3.27/-4.57	-5.50/-3.84	-2.93/-4.20	-9.08/-14.88	-11.52/-7.22	-6.28/-6.30	-4.96/-3.80	-3.18/-3.91	-4.87/-5.61	-4.98/-5.21	-6.16/-6.64
Θ(40°)	-9.46/-8.50	-8.74/-5.41	-3.09/-2.32	-3.14/-4.09	-3.72/-3.37	-2.85/-1.66	-0.33/1.02	0.52/-1.56	-2.96/-1.64	-1.03/-3.78	-9.21/-13.48	-11.70/-8.17	-5.68/-4.00	-5.11/-5.13	-3.14/-1.84	-1.76/-3.57	-5.43/-8.00	-7.05/-7.15
Θ(50°)	-7.58/-5.78	-4.23/-2.06	-1.17/-1.37	-1.52/-1.57	-1.69/-1.90	-1.31/-0.59	-0.57/0.14	-0.39/-2.88	-2.77/-0.09	0.05/-3.05	-6.33/-8.05	-10.01/-6.82	-6.42/-6.94	-4.58/-4.78	-5.98/-5.07	-5.26/-5.76	-7.33/-13.15	-7.93/-5.85
Θ(60°)	-9.53/-6.57	-4.55/-2.76	-1.70/-0.09	1.05/1.09	0.52/0.75	0.49/-0.19	-1.18/-2.84	-4.48/-6.51	-4.48/-1.77	-0.90/-3.29	-6.89/-8.79	-6.72/-10.81	-8.94/-10.52	-6.65/-6.06	-5.44/-2.85	-2.82/-3.50	-4.08/-5.79	-7.77/-7.09
Θ(70°)	-6.93/-5.45	-3.13/-0.40	1.15/1.72	3.11/2.69	1.84/0.48	-0.95/-0.22	-0.90/-4.15	-7.04/-6.49	-5.03/-4.53	-2.83/-4.32	-9.08/-8.74	-8.45/-9.37	-9.65/-6.98	-4.64/-4.15	-3.06/-1.20	-0.74/-1.65	-2.37/-6.88	-5.06/-7.60
Θ(80°)	-7.04/-2.77	-0.79/-0.04	0.80/1.73	2.15/1.56	1.25/0.34	-0.29/-0.67	-4.29/-6.01	-3.87/-4.85	-3.94/-2.52	-2.15/-3.21	-7.62/-11.13	-9.64/-8.52	-5.38/-6.30	-2.12/-1.90	-2.51/-0.82	-0.07/-1.94	-2.47/-1.72	-1.84/-8.34
Θ(90°)	-1.90/-1.23	-0.90/-1.20	0.50/2.16	3.31/2.99	2.05/-0.73	-1.44/-0.82	-1.71/-3.17	-2.83/-4.94	-5.91/-3.85	-3.91/-3.87	-8.46/-12.78	-9.85/-5.18	-4.91/-6.85	-1.61/-3.88	-2.29/0.14	0.08/-2.42	-2.32/-2.50	-1.42/-3.92
Θ(100°)	-2.11/-1.88	0.17/1.93	3.16/2.64	2.57/0.58	-0.62/-2.13	-3.06/-2.65	-4.90/-7.45	-3.90/-4.67	-7.58/-4.41	-3.96/-7.76	-11.42/-7.41	-10.58/-3.76	-14.50/-8.09	-6.06/-7.80	-2.78/-0.01	-0.29/-1.32	1.74/0.43	1.50/-1.17
Θ(110°)	-2.73/0.74	2.03/2.98	1.32/-0.72	0.12/-0.05	-2.89/-7.38	-6.51/-3.36	-5.10/-6.52	-5.01/-6.60	-9.94/-8.09	-6.51/-4.05	-15.54/-12.27	-6.10/-4.52	-11.20/-6.66	-9.61/-11.46	-4.36/-0.40	-2.53/-1.90	1.00/0.14	0.76/-0.26
Θ(120°)	-0.28/0.12	0.67/-0.34	-0.54/-0.24	-0.21/-0.99	-2.81/-5.87	-7.70/-9.90	-9.19/-7.03	-7.14/-12.83	-13.44/-11.52	-7.31/-7.09	-10.04/-14.34	-6.67/-5.33	-2.54/-7.90	-9.38/-13.76	-3.99/-1.26	-4.17/-7.42	-1.12/-4.97	0.52/1.40
Θ(130°)	-1.27/-2.91	-2.96/-1.16	-0.38/-0.39	-0.65/-1.67	-3.99/-7.74	-12.77/-11.79	-8.81/-11.34	-6.92/-6.67	-13.13/-11.33	-9.22/-8.45	-9.48/-10.24	-15.45/-9.38	-5.20/-4.24	-11.44/-12.66	-4.15/0.39	-3.91/-6.19	-2.89/-7.11	-3.10/-2.10
Θ(140°)	-2.95/-2.09	-1.22/-1.67	-1.73/-1.24	-0.71/-0.99	-2.58/-5.78	-8.76/-11.26	-12.53/-12.59	-10.37/-10.78	-10.00/-12.14	-10.17/-8.25	-10.92/-9.57	-12.44/-7.44	-6.66/-6.78	-6.33/-9.92	-7.55/-2.96	-1.66/-1.57	-3.11/-4.78	-5.15/-4.67
Θ(150°)	-4.10/-4.34	-4.47/-4.29	-4.32/-2.65	-1.73/-2.13	-3.21/-4.83	-7.36/-9.51	-9.21/-9.27	-10.96/-12.67	-12.11/-14.08	-12.52/-6.16	-7.84/-10.58	-10.39/-5.54	-6.03/-6.60	-8.89/-14.61	-9.56/-5.28	-3.10/-2.91	-3.92/-5.91	-5.65/-5.63
Θ(160°)	-8.44/-6.83	-6.17/-5.85	-6.85/-8.37	-9.05/-9.94	-11.37/-11.99	-11.91/-10.49	-10.47/-11.71	-13.72/-12.76	-11.62/-12.70	-12.65/-10.12	-7.71/-7.05	-7.89/-8.86	-11.07/-15.02	-13.98/-12.51	-10.33/-6.86	-5.38/-3.99	-3.05/-3.15	-4.44/-8.41
Θ(170°)	-9.99/-8.21	-7.55/-9.80	-9.38/-8.69	-10.42/-14.67	-15.58/-14.96	-15.45/-13.42	-12.51/-13.12	-12.61/-13.14	-13.81/-13.38	-12.34/-11.32	-11.04/-11.80	-11.91/-11.99	-12.82/-12.84	-11.49/-9.92	-10.25/-9.57	-8.78/-8.91	-11.52/-12.45	-11.04/-10.01
Θ(180°)	-10.85/-12.24	-13.50/-13.79	-14.29/-11.91	-11.79/-12.15	-12.16/-11.47	-10.16/-8.58	-8.67/-8.88	-9.44/-10.33	-11.27/-10.80	-11.59/-11.62	-11.93/-12.33	-11.50/-11.90	-12.74/-12.97	-12.78/-12.74	-12.65/-11.82	-11.82/-11.55	-13.82/-15.20	-12.57/-11.56
Freq(Hz)	5.785G/Pol.	Total/Ant. 4	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Gain	Φ(0°)/Φ(10°)	Φ(20°)/Φ(30°)	Φ(40°)/Φ(50°)	Φ(60°)/Φ(70°)	Φ(80°)/Φ(90°)	Φ(100°)/Φ(110°)	Φ(120°)/Φ(130°)	Φ(140°)/Φ(150°)	Φ(160°)/Φ(170°)	Φ(180°)/Φ(190°)	Φ(200°)/Φ(210°)	Φ(220°)/Φ(230°)	Φ(240°)/Φ(250°)	Φ(260°)/Φ(270°)	Φ(280°)/Φ(290°)	Φ(300°)/Φ(310°)	Φ(320°)/Φ(330°)	Φ(340°)/Φ(350°)
Θ(0°)	-5.08/-4.89	-4.59/-4.55	-4.14/-4.21	-5.06/-5.20	-4.54/-5.05	-5.41/-5.80	-5.31/-5.14	-5.35/-5.70	-5.87/-6.00	-5.84/-6.21	-5.82/-5.39	-5.51/-5.70	-5.34/-4.98	-6.19/-6.25	-5.49/-5.07	-4.94/-5.21	-5.04/-4.65	-4.92/-4.88
Θ(10°)	-2.52/-2.42	-2.85/-2.84	-2.44/-2.44	-2.59/-2.59	-2.82/-3.39	-4.29/-4.80	-4.91/-4.83	-4.91/-5.41	-7.50/-9.00	-9.76/-8.86	-7.78/-7.60	-7.41/-6.68	-6.15/-5.78	-5.73/-5.27	-4.28/-3.88	-3.76/-3.20	-2.93/-2.59	-2.26/-2.01
Θ(20°)	-3.50/-3.61	-3.05/-3.07	-3.05/-3.51	-3.78/-4.54	-4.59/-5.81	-6.67/-5.74	-5.65/-5.56	-5.87/-5.76	-5.45/-6.12	-5.86/-5.91	-7.58/-8.99	-9.06/-8.36	-8.64/-8.58	-7.90/-6.99	-6.86/-7.31	-6.90/-6.31	-5.34/-4.78	-4.36/-3.94
Θ(30°)	-7.59/-5.18	-3.26/-2.45	-2.87/-5.22	-6.30/-6.02	-6.83/-8.80	-9.21/-7.56	-5.48/-3.56	-2.59/-3.69	-4.89/-5.37	-5.39/-8.19	-12.16/-12.80	-10.39/-7.06	-4.20/-2.89	-2.09/-1.56	-2.02/-2.84	-4.15/-5.85	-7.19/-7.89	-8.04/-8.06
Θ(40°)	-8.32/-6.24	-3.80/-2.35	-1.62/-2.93	-4.96/-7.84	-7.74/-5.36	-3.64/-3.19	-2.21/-1.17	0.29/-0.67	-2.83/-4.00	-4.22/-6.19	-12.00/-11.51	-7.90/-4.20	-2.10/-1.38	-1.78/-2.99	-1.68/-0.53	-1.81/-3.85	-8.24/-15.39	-11.58/-9.98
Θ(50°)	-13.57/-6.10	-2.35/-1.03	-2.44/-4.22	-4.58/-3.68	-4.12/-3.07	-2.06/-0.78	-0.12/-0.23	0.50/0.65	-1.17/-2.18	-1.21/-3.46	-9.59/-10.08	-5.78/-5.47	-4.79/-6.29	-6.58/-3.39	-1.05/-1.59	-1.42/-4.03	-7.50/-14.85	-10.79/-11.63
Θ(60°)	-7.62/-3.59	-2.04/-3.17	-2.64/-2.71	-0.49/0.35	1.14/1.49	0.80/0.56	0.32/-1.60	-2.88/-2.94	-2.97/-2.51	-0.79/-3.56	-9.66/-7.65	-4.44/-6.28	-10.82/-15.13	-11.58/-9.40	-6.96/-6.15	-6.49/-5.88	-7.81/-13.37	-13.57/-12.34
Θ(70°)	-7.28/-3.66	-3.18/-4.10	-0.91/0.77	2.56/2.16	2.91/2.67	0.54/-0.71	-1.01/-3.52	-9.09/-5.61	-3.01/-2.17	-2.04/-7.65	-9.67/-7.12	-6.81/-7.98	-7.68/-6.09	-3.23/-4.86	-1.93/-0.63	-2.32/-2.50	-3.26/-10.45	-4.24/-8.23
Θ(80°)	-7.76/-2.05	0.48/0.43	0.77/2.54	3.12/2.15	1.83/1.12	0.31/-0.87	-2.95/-5.18	-4.09/-4.15	-3.73/-2.90	-1.82/-6.83	-15.00/-12.54	-8.02/-6.32	-5.25/-3.48	-2.44/-1.81	-1.22/-1.63	-2.55/-2.90	-0.91/-1.12	-1.19/-6.21
Θ(90°)	-3.30/-0.78	0.94/-1.40	-0.83/2.99	4.15/3.73	2.23/0.92	-0.61/-1.42	-4.13/-6.20	-3.36/-3.38	-3.55/-4.53	-4.00/-4.42	-9.11/-12.66	-12.40/-7.00	-4.53/-6.51	-3.13/-1.84	-0.75/-1.18	-2.15/-3.26	-3.67/-1.68	0.09/-2.29
Θ(100°)	-2.35/-1.85	-0.52/1.77	3.97/4.55	3.72/1.73	0.87/-1.78	-3.21/-2.41	-3.50/-4.39	-5.15/-5.90	-7.69/-3.64	-1.48/-6.09	-9.00/-8.96	-8.59/-10.71	-8.51/-6.93	-4.75/-6.23	-2.68/-2.07	-2.20/-0.90	1.43/1.10	1.76/-0.43
Θ(110°)	-1.61/-0.87	1.70/2.52	1.39/0.88	1.77/-0.04	-1.67/-3.36	-3.99/-3.55	-5.50/-7.86	-4.37/-5.85	-7.74/-6.20	-6.26/-6.77	-11.16/-11.42	-6.55/-4.57	-8.72/-6.73	-9.48/-7.23	-5.02/-1.52	-1.13/-0.51	1.61/1.29	1.99/1.42
Θ(120°)	-1.49/-1.43	0.50/0.63	-0.10/0.22	1.23/-0.31	-2.49/-6.02	-5.69/-5.82	-7.69/-6.77	-6.43/-8.73	-14.64/-10.95	-8.02/-9.31	-10.60/-7.55	-6.82/-5.49	-4.71/-8.52	-7.93/-8.76	-4.74/-5.58	-4.43/-7.35	-0.31/-0.81	1.83/0.60
Θ(130°)	-2.18/-2.99	-1.31/0.69	0.91/-0.12	-1.38/-2.44	-2.59/-3.26	-8.15/-9.08	-4.79/-4.33	-4.57/-6.07	-9.00/-10.82	-11.48/-8.36	-14.64/-12.47	-15.13/-9.59	-4.50/-4.70	-7.78/-11.42	-3.29/-0.13	-3.21/-10.38	-6.77/-4.48	-0.90/-0.30
Θ(140°)	-4.13/-2.38	-0.22/0.33	-0.11/-1.12	-2.05/-1.89	-2.48/-5.04	-8.59/-7.90	-8.99/-8.52	-7.15/-8.21	-8.57/-9.98	-10.65/-6.56	-9.22/-10.22	-13.54/-6.72	-6.96/-3.64	-4.07/-12.60	-8.18/-3.13	-2.79/-2.06	-3.19/-4.58	-4.65/-5.36
Θ(150°)	-2.35/-2.19	-2.00/-2.85	-4.01/-4.05	-2.85/-2.59	-3.51/-4.65	-6.59/-8.99	-7.04/-6.21	-7.63/-10.32	-11.27/-12.08	-14.44/-8.38	-9.22/-12.36	-9.22/-4.71	-5.52/-6.75	-10.80/-15.30	-11.99/-5.32	-4.16/-2.90	-3.45/-2.31	-2.58/-2.71
Θ(160°)	-4.23/-4.59	-4.50/-3.67	-4.04/-6.27	-7.98/-8.77	-9.63/-10.75	-11.67/-9.21	-8.71/-9.34	-10.78/-14.37	-15.39/-14.83	-15.32/-11.36	-9.57/-9.58	-12.22/-12.04	-13.43/-15.79	-12.95/-13.23	-11.99/-7.87	-5.30/-3.67	-2.44/-2.43	-3.65/-4.76
Θ(170°)	-7.68/-7.35	-7.86/-10.98	-12.70/-11.04	-12.49/-13.37	-14.07/-13.47	-13.61/-14.81	-14.03/-13.76	-14.16/-14.23	-14.17/-14.63	-14.85/-14.07	-13.63/-13.55	-13.59/-11.85	-11.10/-11.31	-11.52/-13.64	-11.70/-10.08	-8.82/-8.48	-9.97/-9.68	-9.41/-9.06
Θ(180°)	-13.30/-12.98	-13.76/-11.93	-12.98/-11.17	-11.08/-13.24	-15.08/-14.95	-15.71/-14.06	-12.40/-12.62	-14.22/-14.24	-14.36/-14.98	-14.25/-14.29	-12.52/-13.10	-13.35/-13.04	-12.57/-12.22	-12.30/-12.55	-12.51/-12.90	-12.37/-11.51	-12.23/-13.37	-12.99/-12.36

E1(XY plane) – Θ(90)Φ(0-360)
E2(XZ plane) – Θ(0-180)Φ(0) and Θ(0-180)Φ(180)
E3(YZ plane) – Θ(0-180)Φ(90) and Θ(0-180)Φ(270)

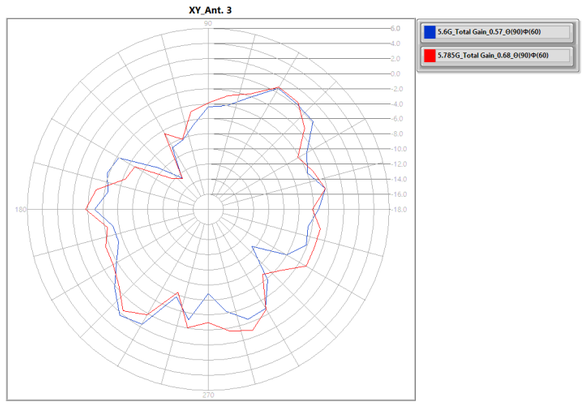
XY_Ant. 1



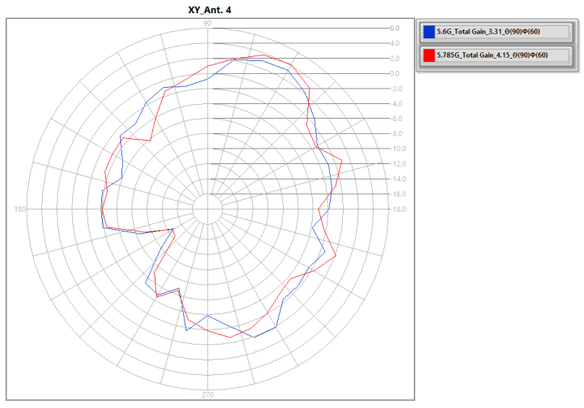
XY_Ant. 2



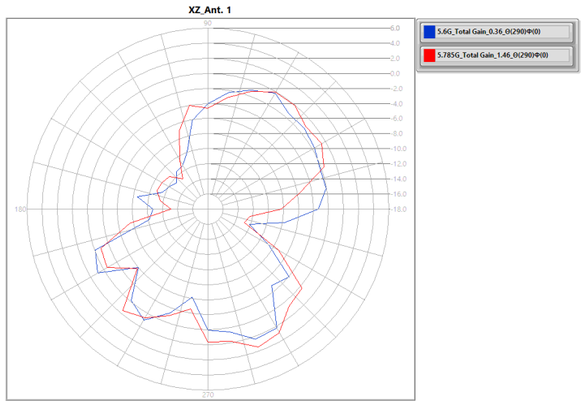
XY_Ant. 3



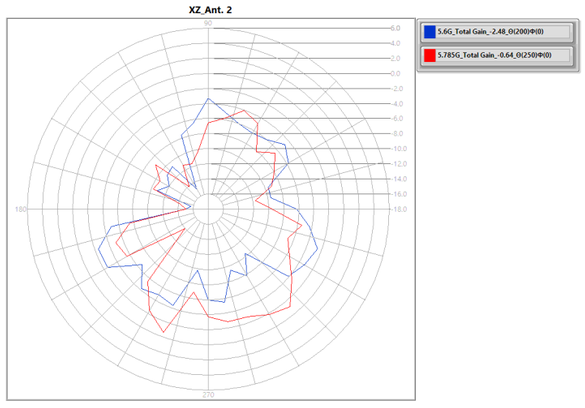
XY_Ant. 4



XZ_Ant. 1



XZ_Ant. 2



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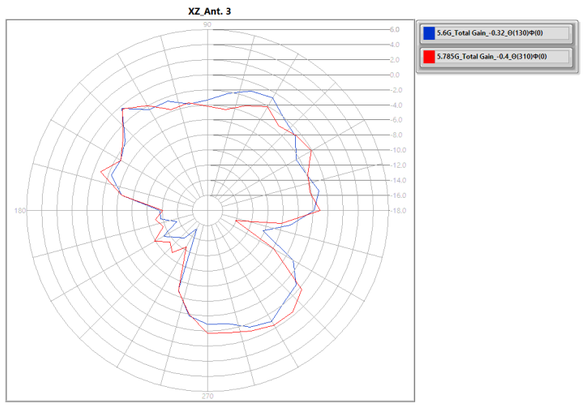
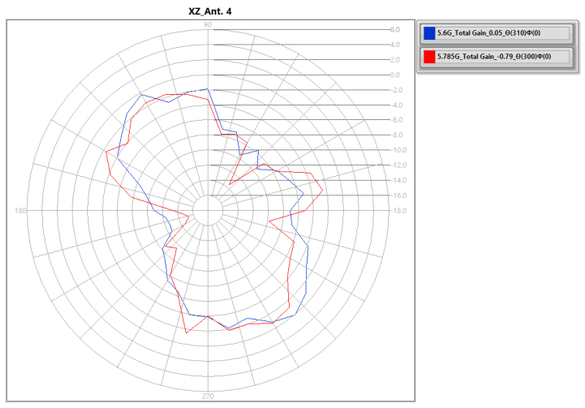
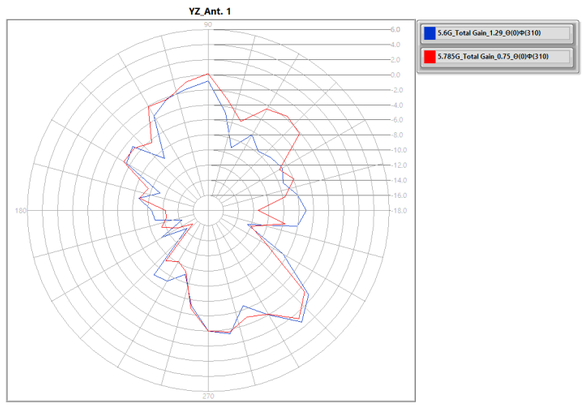


XZ_Ant. 4



YZ_Ant. 1



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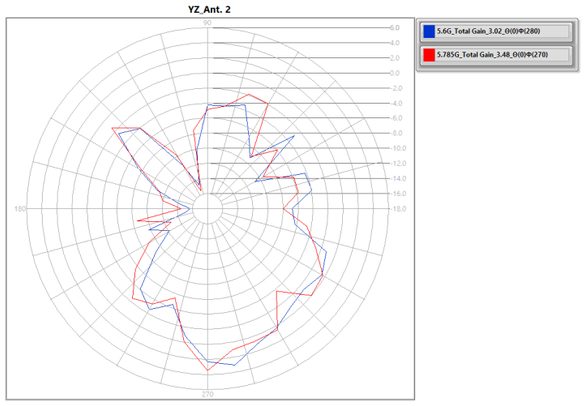

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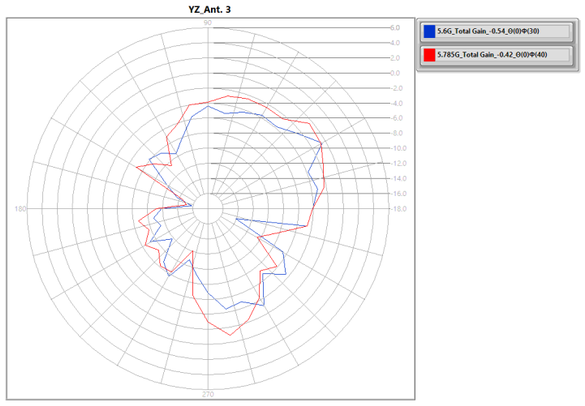
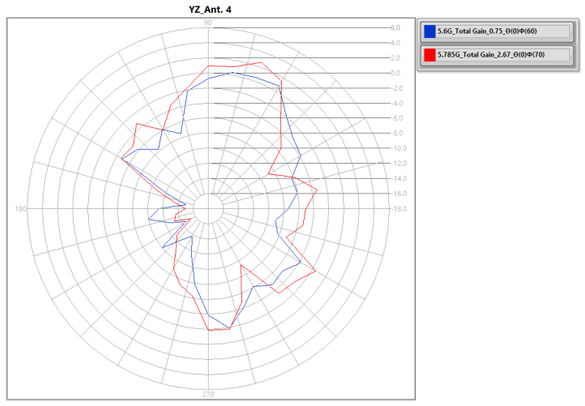
YZ_Ant. 4