

Antenna Gain Measurement Report

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Release Control Record

Issue No.	Description	Date Issued
OPBCMA-WTW-P24120364-1 R1	Original release	2024.12.23

1 EUT Antenna System Description

1.1 Antenna Information

Frequency Range (GHz)	Brand Name	Model Name	Antenna Type	Connector Type	Antenna NO.	RF Chain NO.
2.4~2.4835	PSA	WE7224443B-VR	Dipole	ipex(MHF)	2.4G ANT 1	0
5.15~~5.85	PSA	WE7224443B-VR	Dipole	ipex(MHF)	DFS ANT13	
5.15~5.25	PSA	WE7224443B-VR	Dipole	ipex(MHF)	5GL/5GF ANT 2	
5.25~5.35						
5.47~5.725						
5.725~5.85						
5.47~5.725	PSA	WE7224443B-VR	Dipole	ipex(MHF)	5GH/6E ANT 3	
5.725~5.85						
5.925GHz~6.425						
6.425GHz~6.525						
6.525GHz~6.875						
6.875Hz~7.125						
2.4~2.4835	PSA	WE7224443B-VR	Dipole	ipex(MHF)	2.4G ANT 4	1
5.15~5.25	PSA	WE7224443B-VR	Dipole	ipex(MHF)	5GL/5GF ANT 5	
5.25~5.35						
5.47~5.725						
5.725~5.85						
5.47~5.725	PSA	WE7224443B-VR	Dipole	ipex(MHF)	5GH/6E ANT 6	
5.725~5.85						
5.925GHz~6.425						
6.425GHz~6.525						
6.525GHz~6.875						
6.875Hz~7.125						
2.4~2.4835	PSA	WE7224443B-VR	Dipole	ipex(MHF)	2.4G ANT 8	
5.15~5.25	PSA	WE7224443B-VR	Dipole	ipex(MHF)	5GL/5GF ANT 9	
5.25~5.35						
5.47~5.725						
5.725~5.85						
5.47~5.725	PSA	WE7224443B-VR	Dipole	ipex(MHF)	5GH/6E ANT 7	
5.725~5.85						
5.925GHz~6.425						
6.425GHz~6.525						
6.525GHz~6.875						
6.875Hz~7.125						
2.4~2.4835	PSA	WE7224443B-VR	Dipole	ipex(MHF)	2.4G ANT 10	3
5.15~5.25	PSA	WE7224443B-VR	Dipole	ipex(MHF)	5GL/5GF ANT 11	
5.25~5.35						
5.47~5.725						
5.725~5.85						
5.47~5.725	PSA	WE7224443B-VR	Dipole	ipex(MHF)	5GH/6E ANT 12	
5.725~5.85						
5.925GHz~6.425						
6.425GHz~6.525						
6.525GHz~6.875						
6.875Hz~7.125						

1.2 Antenna Location (Configuration and RF Chains)

Please refer to another document - Test Setup and EUT antenna port photo. (Appendix B.)

2 Antenna Measurement

2.1 Antenna Measurement Chamber

Chamber Type	Chamber Size
Fully Anechoic Chamber	Length: 7.32 m Width: 3.66 m Height: 3.51 m

Type of Equipment	Model Number	Serial Number
ETS Anechoic Chamber (OTA3-HY)	AMS-8500	CT0000411-1132
Multi-Axis Positioning System	ETS 2090-OPTI	00086248

Note: The test was performed in CITA OTA distributed-axes system.

2.2 Reference Standard

ANSI 63.10-2013 clause 13

IEEE std. 149-2021

KDB 662911 D01

2.3 Block diagram of antenna test set-up

In far field chamber, rotation around theta axis corresponds to the elevation angle θ and around the phi axis corresponds to the azimuth angle ϕ . When measuring a 3D radiation pattern, the rotation table rotates around the theta from 0° to 180° and the rotation arm revolves around the phi axis between 0° and 360° . The vertical E field actually corresponds to the horizontal polarization and vice versa..

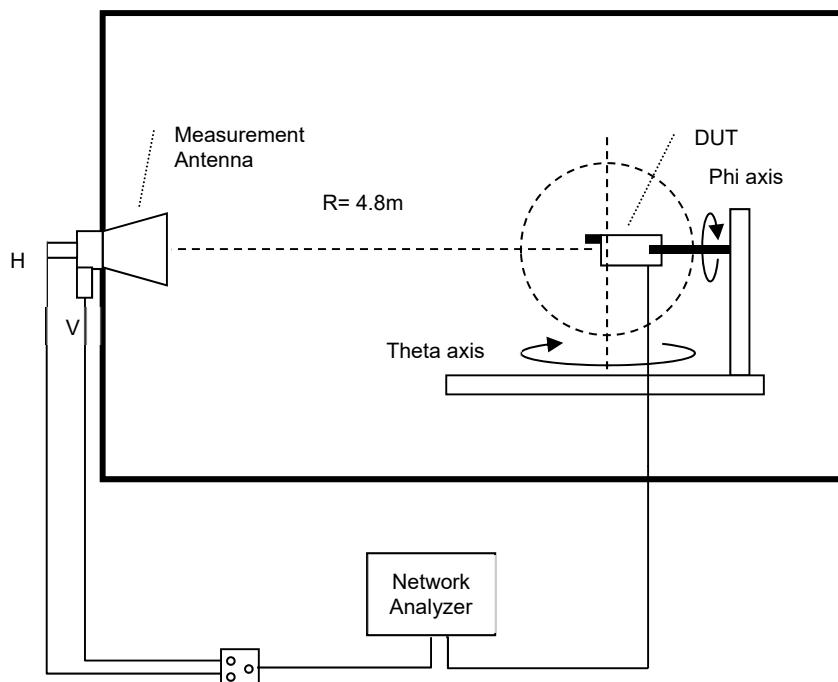


Figure 1. Antenna Pattern Test System.

2.4 Block diagram of calibration

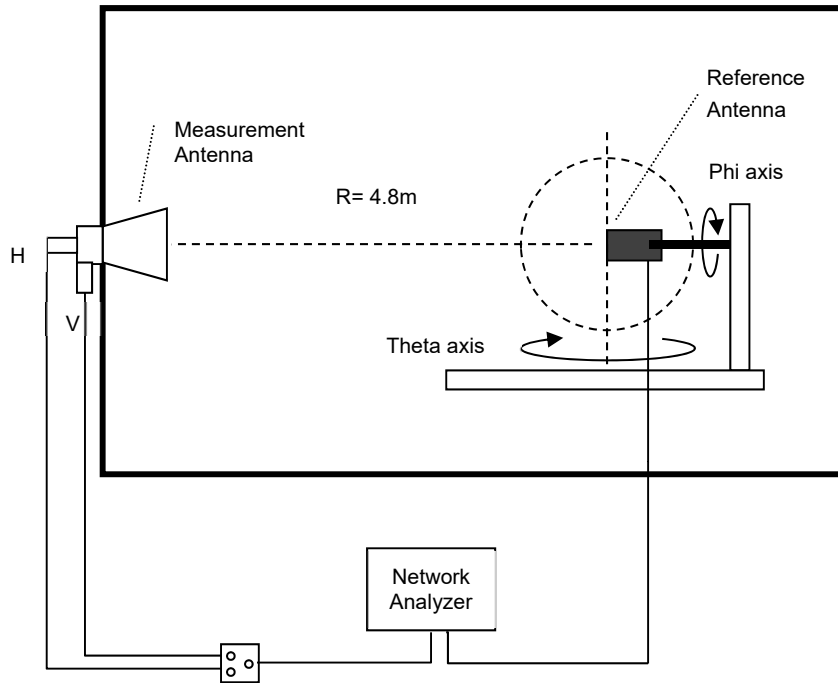
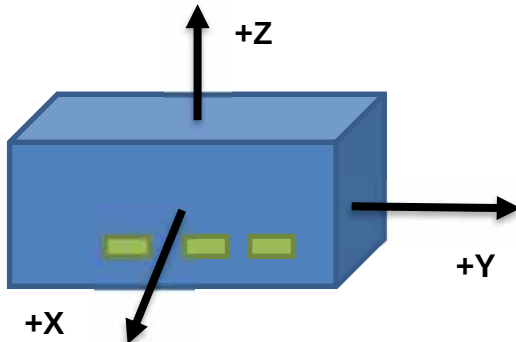


Figure 2. Calibration configuration.

2.5 Measurement Setup

Chamber Placement
To minimize the physical volume occupied by the EUT during testing, the center of rotation shall be the three-dimensional geometric center of the EUT and not the antenna
Positioning an Integrated Device Relative to the Chamber Coordinate System
The reference plane for the EUT is defined as the plane on which the base of the EUT sits. This plane will be normal to the phi axis of the chamber.
Before placing the EUT in the chamber, place the integrated device on a level surface and measure the height, width and depth (H, W, D) of the device to determine the center of each (mark with tape if need).
The center of the height, width and depth of the device shall be located at the origin of the chamber coordinate system.


2.6 EUT Operation mode

Band	Modulation Mode	CDD mode	Beamforming mode
2.4GHz	802.11b	Nss1	Not Support
	802.11g	Nss1	Not Support
	802.11n(HT20)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11n(HT40)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11n(VHT20)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11n(VHT40)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11ax(HE20)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11ax(HE40)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11be(EHT20)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11be(EHT40)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
5GHz (WLAN 5G-1)	802.11a	Nss1	Not Support
	802.11n(HT20)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11n(HT40)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11ac(VHT20)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11ac(VHT40)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11ac(VHT80)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11ac(VHT160)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11ax(HE20)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11ax(HE40)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11ax(HE80)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
5GHz (WLAN 5G-2)	802.11a	Nss1	Not Support
	802.11n(HT20)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11n(HT40)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11ac(VHT20)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11ac(VHT40)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11ac(VHT80)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11ac(VHT160)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11ax(HE20)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11ax(HE40)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11ax(HE80)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
6GHz (WLAN 6E)	802.11ax(HE20)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11ax(HE40)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11ax(HE80)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4
	802.11ax(HE160)	Nss1 / Nss2 / Nss3	Nss1 / Nss2 / Nss3/ Nss4

Band	Modulation Mode	Ant0	Ant1	Ant2	Ant3
2.4GHz	802.11b	TX/RX	TX/RX	TX/RX	TX/RX
	802.11g	TX/RX	TX/RX	TX/RX	TX/RX
	802.11n(HT20)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11n(HT40)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11n(VHT20)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11n(VHT40)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ax(HE20)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ax(HE40)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11be(EHE20)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11be(EHE40)	TX/RX	TX/RX	TX/RX	TX/RX
5GHz (WLAN 5G-1)	802.11a	TX/RX	TX/RX	TX/RX	TX/RX
	802.11n(HT20)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11n(HT40)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ac(VHT20)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ac(VHT40)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ac(VHT80)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ac(VHT160)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ax(HE20)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ax(HE40)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ax(HE80)	TX/RX	TX/RX	TX/RX	TX/RX
5GHz (WLAN 5G-2)	802.11a	TX/RX	TX/RX	TX/RX	TX/RX
	802.11n(HT20)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11n(HT40)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ac(VHT20)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ac(VHT40)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ac(VHT80)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ac(VHT160)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ax(HE20)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ax(HE40)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ax(HE80)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ax(HE160)	TX/RX	TX/RX	TX/RX	TX/RX
6GHz (WLAN 6E)	802.11ax(HE20)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ax(HE40)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ax(HE80)	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ax(HE160)	TX/RX	TX/RX	TX/RX	TX/RX

2.7 Test Setup Diagram for EUT

Please refer to another document - Test Setup and EUT antenna port photo. (Appendix B.)

2.8 Test Instruments

TYPE OF EQUIPMENT	MODEL NUMBER	SERIAL NUMBER	DATE OF CALIBRATION	DUE DATE OF CALIBRATION	CALIBRATION CYCLE
(OTA3-HY) ETS Anechoic Chamber	AMS-8500	CT0000411-1132	N/A	N/A	N/A
Multi-Axis Positioning System	ETS 2090-OPTI	00086248	N/A	N/A	N/A
Horn Antenna	ETS 3164-08	00157567	N/A	N/A	N/A
Switch Control	Agilent 3499A	MY42005285	N/A	N/A	N/A
Network Analyzer	E5071C	MY46104190	2024/5/28	2025/5/29	12 months
Test Software	ETS-Lindgren EMQuest V1.14 build 31654	1281	N/A	N/A	N/A

Note 1: The test was performed in CITA OTA distributed-axes system.

Note 2: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

2.9 Test Procedure

1. The Antenna Gain Test is performed according to The ANSI/IEEE Std 149 12.3.1 Antenna Gain
2. (Small size (< 42cm) Linear Polarization Antennas), using a two-axis support device and one fixed measurement antenna. The EUT is positioned along the required MAPS centerline fixture holder. The EUT is then stepped between 0 and 180 degrees along the theta axis in 15-degree increments. At each theta position, the phi axis is stepped from 0-360 degrees in 15-degree increments. Data is recorded using the Network analyzer for both theta and phi polarizations at each position. Depending on the protocol, an appropriate filter is used in the EMQuest software to process the data. Upon completion of the test, test results (angular dependent EIRP) is calculated at each measurement point and the required value is automatically calculated. This test procedure is repeated for frequency and configuration as required.
3. Repeat step 1 and measures all of antenna gain for each Phi and Theta polarization for all antenna angles.
4. Considering each combination of phi and theta for all angles of each antenna, Directional Gain are calculated according to the FCC KDB662911 D01 d) (i) or e) (ii) formula.
5. Investigate composite antenna gain at all angles by program and determine maximum gain and Phi/Theta position (Direction gain is calculated for each angle then maximum gain is selected.).

2.10 Summary Test Result

Tested By	Leo Chen
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2.4G Individual Antenna Maximum Peak Gain:

Frequency Band (GHz)	2.45	-	-	-	-	-	-	-	-
Ant. 0 (dBi)	2.71	-	-	-	-	-	-	-	-
Polarization	Phi	-	-	-	-	-	-	-	-
Axis: Theta(°)	120	-	-	-	-	-	-	-	-
Axis: Phi(°)	15	-	-	-	-	-	-	-	-
Ant. 1 (dBi)	2.59	-	-	-	-	-	-	-	-
Polarization	Phi	-	-	-	-	-	-	-	-
Axis: Theta(°)	120	-	-	-	-	-	-	-	-
Axis: Phi(°)	105	-	-	-	-	-	-	-	-
Ant. 2 (dBi)	2.99	-	-	-	-	-	-	-	-
Polarization	Theta	-	-	-	-	-	-	-	-
Axis: Theta(°)	45	-	-	-	-	-	-	-	-
Axis: Phi(°)	210	-	-	-	-	-	-	-	-
Ant. 3 (dBi)	4.12	-	-	-	-	-	-	-	-
Polarization	Theta	-	-	-	-	-	-	-	-
Axis: Theta(°)	150	-	-	-	-	-	-	-	-
Axis: Phi(°)	345	-	-	-	-	-	-	-	-

Maximum Directional Gain (Maximum Direction Angle and Value):

Frequency Band (GHz)	2.45	-	-	-	-	-	-	-	-
Ant. 0 (dBi)	1.49	-	-	-	-	-	-	-	-
Ant. 1 (dBi)	-0.51	-	-	-	-	-	-	-	-
Ant. 2 (dBi)	-2.42	-	-	-	-	-	-	-	-
Ant. 3 (dBi)	-3.96	-	-	-	-	-	-	-	-
Polarization	Theta	-	-	-	-	-	-	-	-
Axis: Theta(°)	75	-	-	-	-	-	-	-	-
Axis: Phi(°)	330	-	-	-	-	-	-	-	-
Correlated Signals DG Calculation $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$									
DG (dBi) [1SS]	4.91	-	-	-	-	-	-	-	-

5GL Individual Antenna Maximum Peak Gain:

Frequency Band (GHz)	5.2	5.3	5.6	5.785	-	-	-	-	-
Ant. 0 (dBi)	4.61	4.02	4.09	4.27	-	-	-	-	-
Polarization	Phi	Phi	Theta	Theta	-	-	-	-	-
Axis: Theta(°)	150	150	30	15	-	-	-	-	-
Axis: Phi(°)	15	15	105	105	-	-	-	-	-
Ant. 1 (dBi)	2.66	3.12	4.65	3.73	-	-	-	-	-
Polarization	Theta	Theta	Theta	Theta	-	-	-	-	-
Axis: Theta(°)	45	120	120	120	-	-	-	-	-
Axis: Phi(°)	60	180	180	180	-	-	-	-	-
Ant. 2 (dBi)	3.71	3.92	3.83	3.36	-	-	-	-	-
Polarization	Theta	Theta	Theta	Theta	-	-	-	-	-
Axis: Theta(°)	120	120	120	120	-	-	-	-	-
Axis: Phi(°)	90	90	90	90	-	-	-	-	-
Ant. 3 (dBi)	3.27	3.49	2.96	2.93	-	-	-	-	-
Polarization	Theta	Theta	Phi	Theta	-	-	-	-	-
Axis: Theta(°)	105	90	150	90	-	-	-	-	-
Axis: Phi(°)	345	15	15	0	-	-	-	-	-

Maximum Directional Gain (Maximum Direction Angle and Value):

Frequency Band (GHz)	5.2	5.3	5.6	5.785	-	-	-	-	-
Ant. 0 (dBi)	2.94	4.02	3.51	0.04	-	-	-	-	-
Ant. 1 (dBi)	-0.51	-8.01	-6.7	-0.51	-	-	-	-	-
Ant. 2 (dBi)	-7.63	-5.81	-6.21	-1.46	-	-	-	-	-
Ant. 3 (dBi)	0.34	2.95	2.96	1.16	-	-	-	-	-
Polarization	Theta	Phi	Phi	Theta	-	-	-	-	-
Axis: Theta(°)	75	150	150	75	-	-	-	-	-
Axis: Phi(°)	15	15	15	120	-	-	-	-	-
Correlated Signals DG Calculation $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$									
DG (dBi) [1SS]	5.58	5.81	5.7	5.88	-	-	-	-	-

5GH Individual Antenna Maximum Peak Gain:

Frequency Band (GHz)	5.6	5.785	-	-	-	-	-	-	-
Ant. 0 (dBi)	2.77	4.04	-	-	-	-	-	-	-
Polarization	Theta	Theta	-	-	-	-	-	-	-
Axis: Theta(°)	90	135	-	-	-	-	-	-	-
Axis: Phi(°)	30	60	-	-	-	-	-	-	-
Ant. 1 (dBi)	2.65	2.23	-	-	-	-	-	-	-
Polarization	Theta	Theta	-	-	-	-	-	-	-
Axis: Theta(°)	60	30	-	-	-	-	-	-	-
Axis: Phi(°)	150	150	-	-	-	-	-	-	-
Ant. 2 (dBi)	3.35	3.54	-	-	-	-	-	-	-
Polarization	Theta	Phi	-	-	-	-	-	-	-
Axis: Theta(°)	60	60	-	-	-	-	-	-	-
Axis: Phi(°)	105	195	-	-	-	-	-	-	-
Ant. 3 (dBi)	2.79	3.09	-	-	-	-	-	-	-
Polarization	Theta	Theta	-	-	-	-	-	-	-
Axis: Theta(°)	60	75	-	-	-	-	-	-	-
Axis: Phi(°)	285	285	-	-	-	-	-	-	-

Maximum Directional Gain (Maximum Direction Angle and Value):

Frequency Band (GHz)	5.6	5.785	-	-	-	-	-	-	-
Ant. 0 (dBi)	-3.15	-2.15	-	-	-	-	-	-	-
Ant. 1 (dBi)	-0.83	0.91	-	-	-	-	-	-	-
Ant. 2 (dBi)	2.83	1.99	-	-	-	-	-	-	-
Ant. 3 (dBi)	0.25	1.63	-	-	-	-	-	-	-
Polarization	Theta	Theta	-	-	-	-	-	-	-
Axis: Theta(°)	90	90	-	-	-	-	-	-	-
Axis: Phi(°)	255	255	-	-	-	-	-	-	-
Correlated Signals DG Calculation $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$									
DG (dBi) [1SS]	6.06	6.76	-	-	-	-	-	-	-

6G Individual Antenna Maximum Peak Gain:

Frequency Band (GHz)	6.175	6.475	6.695	6.995	-	-	-	-	-
Ant. 0 (dBi)	3.43	3.81	3.39	3.05	-	-	-	-	-
Polarization	Theta	Theta	Theta	Theta	-	-	-	-	-
Axis: Theta(°)	135	150	150	75	-	-	-	-	-
Axis: Phi(°)	60	75	75	315	-	-	-	-	-
Ant. 1 (dBi)	2.79	2.07	2.9	2.59	-	-	-	-	-
Polarization	Theta	Phi	Phi	Theta	-	-	-	-	-
Axis: Theta(°)	75	60	30	60	-	-	-	-	-
Axis: Phi(°)	135	90	90	180	-	-	-	-	-
Ant. 2 (dBi)	2.48	3.44	2.81	4.15	-	-	-	-	-
Polarization	Phi	Theta	Theta	Theta	-	-	-	-	-
Axis: Theta(°)	0	75	60	30	-	-	-	-	-
Axis: Phi(°)	195	90	105	105	-	-	-	-	-
Ant. 3 (dBi)	0.95	1.8	3.7	3.14	-	-	-	-	-
Polarization	Theta	Theta	Theta	Theta	-	-	-	-	-
Axis: Theta(°)	45	135	150	150	-	-	-	-	-
Axis: Phi(°)	345	180	180	180	-	-	-	-	-

Maximum Directional Gain (Maximum Direction Angle and Value):

Frequency Band (GHz)	6.175	6.475	6.695	6.995	-	-	-	-	-
Ant. 0 (dBi)	-2.3	-2.96	-0.66	-0.61	-	-	-	-	-
Ant. 1 (dBi)	1.14	0.01	-4.82	2.11	-	-	-	-	-
Ant. 2 (dBi)	1.43	3.44	1.3	1.42	-	-	-	-	-
Ant. 3 (dBi)	-3.36	-3.56	0.36	-3.25	-	-	-	-	-
Polarization	Theta	Theta	Theta	Theta	-	-	-	-	-
Axis: Theta(°)	105	75	90	90	-	-	-	-	-
Axis: Phi(°)	210	90	120	120	-	-	-	-	-
Correlated Signals DG Calculation $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$									
DG (dBi) [1SS]	5.5	5.72	5.35	6.18	-	-	-	-	-

Note:

- ◆ The individual antenna gain and directional gain are by measurement as indicated in above table. For devices transmitter supports MIMO and use same antenna at multiple antenna ports. The direction gain values are follow FCC KDB 662911 D01 into calculation.
- ◆ The applicable limit is subjected to FCC Part 15 regulation and devices transmitter design/specification (i.e., SISO or MIMO etc.). Detail of conformity limit to be described in EUT FCC test reports.
- ◆ The NSS 1 mode for both 2.4GHz 5GHz bands and NSS1/NSS4 for 6GHz for final testing.

APPENDIX A – Detail Test Data Information

A.1 Radiated Directional Gain

Ant.	No.0																								
Freq. (MHz)	2450																								
Polarity	Theta																								
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 (360°)
θ (0°)	-8.34	-3.92	-1.01	0.7	1.57	1.8	1.5	0.59	-1.14	-4.05	-9.29	-21.95	-10.28	-4.37	-1.25	0.56	1.56	[1.85]	1.47	0.39	-1.54	-4.77	-10.96	-27.05	-8.34
θ (15°)	-11.31	-5.9	-2.87	-1.09	-0.15	0.09	-0.24	-1.17	-2.73	-5.07	-8.62	-12.12	-8.69	-4.33	-1.44	0.39	1.33	1.5	0.97	-0.29	-2.37	-5.6	-11.16	-20.25	-11.31
θ (30°)	-15.3	-11.15	-7.54	-5.1	-3.64	-2.9	-2.49	-2.3	-2.44	-3.27	-5.54	-10.41	-25.66	-13.03	-6.3	-2.62	-0.49	0.24	-0.2	-1.5	-3.49	-6.12	-9.69	-14.75	-15.3
θ (45°)	-6.84	-7.68	-7.18	-6.22	-5.46	-4.28	-2.96	-2.41	-3.08	-5.59	-11.18	-15.7	-10.78	-8.64	-7.48	-4.88	-1.84	-0.49	-1.2	-3.38	-5.03	-4.82	-4.52	-4.98	-6.84
θ (60°)	-0.63	-1.92	-3.65	-5.18	-6.55	-6.69	-5.84	-5.77	-6.79	-9.96	-20.79	-17.03	-11.12	-9.97	-8.64	-7.19	-5.26	-3.49	-3.75	-5.14	-3.96	-1.58	-0.06	0.33	-0.63
θ (75°)	-0.3	-2.9	-6.07	-8.86	-9.76	-6.85	-4.5	-4.56	-7.25	-14.04	-22.92	-15.05	-13.21	-15.83	-15.75	-9.27	-6.41	-6.27	-7.18	-5.08	-1.13	0.92	1.49	1.22	-0.3
θ (90°)	-2.81	-3.42	-4.17	-6	-8.82	-8.18	-5.42	-6.72	-8.97	-10.81	-11.86	-9.62	-7.98	-7.35	-9.26	-15.35	-13.59	-12.55	-18.74	-8.62	-3.45	-1.36	-1.13	-1.78	-2.81
θ (105°)	-0.75	-1.12	-1.68	-3.33	-6.62	-6.51	-3.65	-3.48	-5.62	-11.81	-17.28	-13.14	-8.14	-6.08	-6.17	-8.24	-12.06	-16.07	-25.47	-16.03	-8.67	-4.58	-1.9	-0.79	-0.75
θ (120°)	-5.02	-5.05	-3.78	-3.84	-4.8	-4.04	-3.35	-5.89	-13.26	-20.46	-11.34	-12.54	-18.93	-28.27	-23.91	-21.1	-22.47	-15.76	-14.27	-16.37	-12	-7.57	-5.12	-4.31	-5.02
θ (135°)	-9.17	-4.88	-2.69	-2.55	-3.41	-5.01	-9.3	-18.42	-12.58	-7.58	-5.78	-6.01	-6.56	-6.57	-6.14	-6.2	-6.97	-6.51	-4.95	-4.35	-5.3	-7.65	-10.84	-12.55	-9.17
θ (150°)	-5.87	-3.13	-1.49	-1.25	-2.26	-4.52	-8.32	-14.08	-15.6	-10.26	-6.94	-5.41	-4.62	-3.86	-2.97	-2.06	-1.24	-0.61	-0.28	-0.59	-1.94	-4.73	-9.11	-10.65	-5.87
θ (165°)	-30.79	-21.13	-16.38	-16.72	-20.53	-20.41	-13.95	-9.65	-7.31	-6.22	-6	-6.48	-7.38	-8.16	-8.29	-7.79	-7.14	-6.73	-6.66	-6.9	-7.47	-8.72	-11.14	-14.74	-30.79
θ (180°)	-10.55	-8.08	-6.09	-4.9	-4.43	-4.65	-5.5	-6.97	-9.29	-12.88	-17.31	-16.56	-12.28	-9.16	-7.23	-6.17	-5.63	-5.48	-5.7	-6.52	-8.02	-10.14	-12.57	-13.11	-10.55
Polarity	Phi																								
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 (360°)
θ (0°)	0.55	-0.46	-2.46	-5.87	-12.62	-21.43	-8.33	-3.38	-0.64	0.93	1.74	1.97	1.67	0.73	-1.06	-4.13	-10.01	-23.65	-9.71	-4.33	-1.47	0.13	0.92	1.08	0.55
θ (15°)	-0.25	-1.22	-3.04	-6.3	-13.15	-18	-7.87	-3.67	-1.4	-0.09	0.58	0.76	0.43	-0.52	-2.37	-5.87	-13.53	-19.91	-8.34	-4.14	-1.92	-0.67	-0.04	0.08	-0.25
θ (30°)	-0.88	-1.32	-2.46	-4.87	-9.72	-18.71	-13.12	-8.75	-6.64	-4.82	-2.95	-1.33	-0.2	0.31	-0.09	-1.79	-5.58	-12.35	-11.14	-6.29	-3.75	-2.27	-1.33	-0.86	-0.88
θ (45°)	-2.56	-2.5	-3.63	-7.26	-14.36	-17.23	-21.1	-15.73	-7.67	-3.83	-2.05	-1.28	-0.62	0.05	0.09	-1.02	-3.77	-8.99	-12.48	-8.57	-5.91	-4.39	-3.51	-3.13	-2.56
θ (60°)	-1.7	-1.3	-2.36	-6.28	-12.12	-11.32	-13.1	-11.44	-5.95	-3.18	-2.19	-2.33	-2.48	-1.72	-1.57	-3.15	-5.69	-8.21	-10.41	-9.47	-6.63	-4.53	-3.47	-2.75	-1.7
θ (75°)	-1.46	-0.95	-3.03	-9.26	-8.82	-6.5	-8.57	-9.77	-6.25	-4.28	-4.7	-5.93	-5.64	-3.54	-2.56	-4.8	-11.07	-19.11	-17.38	-10.77	-6.76	-4.65	-3.72	-3.01	-1.46
θ (90°)	-0.13	0.25	-1.22	-5.11	-6.46	-4.85	-5.91	-9.22	-11.4	-11.29	-11.04	-8.79	-5.76	-3.12	-2.22	-3.44	-5.74	-7.7	-8.57	-7.76	-6.81	-4.88	-3	-1.6	-0.13
θ (105°)	1.63	1.91	1	-1.61	-3.99	-4.79	-6.9	-9.17	-11.58	-14.02	-9.33	-7.73	-4.2	-0.98	-1.54	-5.68	-8.45	-6.98	-5.4	-3.49	-2.2	-1.31	-0.16	0.78	1.63
θ (120°)	2.67	[2.71]	2.05	0.15	-2.82	-6.1	-8.98	-8.95	-9.79	-6.67	-3.27	-3.24	-5.07	-3.56	-2.87	-6.54	-10.95	-8.3	-11.05	-9.13	-2.84	0.28	1.78	2.44	2.67
θ (135°)	2.16	1.68	0.6	-1.28	-4.26	-9.59	-14.4	-17.07	-12.57	-5.21	-2.56	-3.09	-5.59	-6.59	-7.06	-10.46	-13.94	-15.18	-28.15	-8.65	-2.31	0.8	2.1	2.32	2.16
θ (150°)	0.64	0.09	-1.41	-4.17	-8.61	-15.88	-30	-23.68	-15.85	-11.81	-10.52	-11.4	-13.98	-14.36	-11.15	-9.29	-9.66	-12.5	-16.58	-10.34	-4.79	-1.73	-0.1	0.62	0.64
θ (165°)	-6.25	-7.02	-9.19	-13.29	-19.43	-20.23	-16.63	-14.16	-12.14	-10.14	-8.66	-7.87	-7.83	-8.79	-10.98	-14.63	-20.25	-30.06	-21.04	-16.02	-12.89	-10.22	-8.11	-7.01	-6.25
θ (180°)	-4.62	-5.39	-6.86	-8.98	-11.98	-15.15	-13.64	-10.26	-7.93	-6.53	-5.76	-5.53	-5.89	-6.97	-8.87	-11.66	-15.27	-16.37	-12.61	-9.11	-6.77	-5.33	-4.55	-4.28	-4.62

Ant.	No.1																										
Freq (MHz)	2450																										
Polarity	Theta																										
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 (360°)		
θ (0°)	0.11	0.06	-0.65	-2.17	-4.66	-8.5	-15.54	-14.35	-7.45	-4.19	-2.24	-0.86	-0.15	-0.32	-1.33	-3	-5.42	-9.55	-18.6	-13.11	-6.77	-3.46	-1.52	-0.4	0.11		
θ (15°)	1.36	1.38	0.82	-0.37	-2.3	-5.12	-9.15	-11.8	-8.95	-6.32	-4.53	-3.59	-3.76	-4.68	-6.23	-8.88	-13.99	-29.81	-16.28	-9.15	-5.01	-2.2	-0.24	0.86	1.36		
θ (30°)	1.4	[1.45]	0.96	-0.07	-1.66	-3.77	-6.65	-10.77	-14.36	-15.17	-12.93	-11.96	-11.73	-12.03	-12.73	-13.25	-14.18	-13.12	-10.47	-7.72	-5.84	-4.02	-1.67	0.3	1.4		
θ (45°)	0.07	-0.06	-0.56	-0.89	-1.64	-3.42	-6.28	-10.05	-16.24	-27.81	-20.81	-18.66	-15.37	-11.45	-9.22	-8.52	-8.19	-6.6	-4.48	-3.08	-2.92	-3.44	-3	-1.42	0.07		
θ (60°)	-0.28	-0.51	-1.83	-1.37	-0.29	-0.53	-1.66	-3.7	-8.06	-14.88	-21.35	-26.02	-18.43	-13.96	-11.68	-8.98	-5.8	-3.36	-1.82	-0.92	-0.55	-0.73	-1.59	-1.64	-0.28		
θ (75°)	0.43	-0.28	-2.1	-1.26	0.28	0.07	-1.39	-4.59	-11.86	-14.78	-10.1	-9.64	-7.82	-6.32	-6.77	-8.3	-6.83	-2.99	-0.42	0.02	-0.98	-1.44	-0.51	0.18	0.43		
θ (90°)	-1.47	-2.02	-3.8	-4.16	-2.69	-2.11	-2.4	-4.14	-3.93	-2.09	-1.11	-1.83	-4.24	-6.14	-6.6	-8.69	-11.57	-9.52	-4.43	-1.63	-1.93	-3.54	-3.06	-2.06	-1.47		
θ (105°)	-5.26	-6.51	-8.52	-9.11	-5.41	-2.5	-1.57	-1.18	-1.06	-0.42	-1.22	-3.84	-4.31	-4.95	-7.46	-10.86	-14.7	-14.29	-8.7	-5.82	-5.94	-6.13	-4.85	-4.43	-5.26		
θ (120°)	-10.41	-16.98	-22.15	-17.64	-11.62	-6.43	-2.73	-0.22	0.63	0.43	-0.65	-1.42	-2.6	-6.67	-15.15	-16.94	-12.4	-12.9	-16.43	-12.13	-12.2	-13.28	-10.91	-10.55	-10.41		
θ (135°)	-11.29	-9.37	-10.5	-16.55	-22.21	-9.84	-5.04	-2.93	-1.53	-0.59	-1.12	-3.31	-6.95	-10.6	-11.23	-9.42	-7.89	-9.46	-15.88	-18.81	-17.96	-18.08	-14.25	-10.88	-11.29		
θ (150°)	-9.08	-7.58	-7.39	-9.36	-14.04	-15.54	-9.91	-5.97	-2.9	-0.87	-0.35	-1.46	-4.58	-8.91	-9.02	-8.36	-10.28	-14.55	-12.87	-9.96	-10.5	-14.24	-15.89	-11.78	-9.08		
θ (165°)	-5.49	-3.91	-3.86	-5.24	-7.39	-7.73	-5.06	-2.52	-1.26	-1.32	-2.82	-6.01	-10.81	-12.13	-10.73	-11.75	-15.57	-15.33	-11.46	-10.26	-11.9	-18.74	-19.31	-10.81	-5.49		
θ (180°)	-13.95	-16.39	-20.45	-26.29	-28.5	-21.01	-16.32	-13.93	-12.52	-11.18	-10.01	-9.89	-11.5	-14.29	-16.37	-17.82	-18.37	-14.8	-11.69	-10.29	-9.95	-10.12	-10.54	-11.36	-13.95		
Polarity	Phi																										
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 (360°)		
θ (0°)	-16.57	-12.02	-6.67	-3.53	-1.57	-0.43	-0.07	-0.38	-1.3	-2.96	-6.04	-12.01	-22.41	-10.79	-5.63	-3.03	-1.42	-0.25	0.39	0.32	-0.51	-2.2	-5	-9.62	-16.57		
θ (15°)	-13.36	-9.42	-5.03	-2.22	-0.52	0.39	0.55	0	-1.38	-4.05	-9.06	-18.67	-15.89	-9.35	-6.19	-4.38	-3.25	-2.54	-2.15	-2.11	-2.49	-3.53	-5.7	-8.86	-13.36		
θ (30°)	-12.81	-8.71	-4.35	-1.68	0.01	0.89	0.84	-0.32	-2.8	-6.35	-9.36	-12.3	-19.41	-28.34	-16	-10.89	-7.04	-5.09	-4.19	-4.04	-4.17	-4.47	-5.77	-9.06	-12.81		
θ (45°)	-12.15	-6.76	-2.79	-0.4	0.97	1.24	0.54	-0.77	-3.27	-7.32	-12.23	-18.59	-25.22	-29.86	-24.07	-17.94	-12.61	-8.76	-6.51	-5.51	-5.5	-6.16	-7.13	-9.43	-12.15		
θ (60°)	-15.5	-8.24	-3.73	-1.38	0.14	0.25	-1.04	-2.96	-6.71	-12.96	-12.07	-16.96	-19.68	-11.45	-6.21	-3.25	-2.45	-2.86	-4.01	-4.5	-4.76	-6.86	-10.36	-13.15	-15.5		
θ (75°)	-18.34	-9.84	-5.92	-4.83	-4.65	-4.71	-3.65	-3.3	-5.68	-7.42	-8	-15.2	-11.69	-7.11	-5.47	-2.65	-0.96	-1.13	-2.43	-3.64	-3.92	-4.42	-7.38	-12.86	-18.34		
θ (90°)	-14.22	-9.74	-6.49	-5.04	-3.85	-2.36	-2.07	-3.12	-2.99	-2.25	-5.49	-24.65	-11.63	-8.37	-7.57	-6.07	-2.84	-1.39	-1.71	-3.95	-7.08	-5.99	-5.36	-8.64	-14.22		
θ (105°)	-9.38	-6.98	-4.16	-2.29	-1.26	-0.72	-0.07	0.34	-0.13	-1.04	-4.78	-17.44	-13.64	-9.84	-7.52	-5.49	-4.57	-3.57	-2.69	-2.57	-4.63	-8.81	-7.68	-7.14	-9.38		
θ (120°)	-11.79	-8.76	-4.92	-2.74	-1.11	0.56	2	[2.59]	1.75	0.13	-2.76	-9.89	-14.75	-10.27	-17.78	-14.74	-8.52	-6.98	-6.63	-5.39	-5.41	-7.39	-10.26	-11.08	-11.79		
θ (135°)	-11.36	-12.19	-10.43	-6.08	-2.23	0.28	1.33	1.11	0.35	-1.78	-7.16	-17.6	-16.61	-16.43	-11.52	-7.14	-4.66	-4.21	-5.69	-6.39	-5.51	-5.25	-6.12	-7.79	-11.36		
θ (150°)	-9.42	-15.18	-23.13	-9.64	-4.88	-2.89	-2.36	-2.41	-2.54	-3.91	-8.2	-14.93	-11.77	-11.14	-13.18	-8.6	-4.96	-3.83	-5.64	-10.47	-9.5	-6.1	-5.45	-6.6	-9.42		
θ (165°)	-11.2	-8.41	-4.79	-2.03	-0.22	0.75	0.75	-0.41	-2.95	-7.49	-14.33	-16.43	-14.4	-12.02	-8.64	-5.99	-4.51	-4.31	-5.86	-10.03	-18.18	-17.63	-14.08	-13.08	-11.2		
θ (180°)	-15.37	-13.54	-12.11	-11.47	-11.75	-12.41	-13.01	-14.38	-16.31	-18.47	-19.46	-16.18	-13	-11.41	-10.65	-9.65	-8.97	-9.36	-10.9	-13.2	-15.65	-18.42	-21.3	-19.08	-15.37		

Ant.	No.2																								
Freq. (MHz)	2450																								
Polarity	Theta																								
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 (360°)
θ (0°)	-15.21	-11.79	-9.35	-7.91	-7.25	-7.33	-8.02	-9.25	-11.4	-15.05	-21.75	-23.37	-15.48	-11.17	-8.68	-7.29	-6.4	-5.91	-5.9	-6.63	-8.46	-11.39	-16.46	-22.4	-15.21
θ (15°)	-19.7	-15.35	-10.87	-8.83	-8.21	-8.84	-10.85	-15.52	-32.35	-18.53	-12.71	-9.88	-7.99	-6.44	-5.27	-4.52	-4.06	-3.76	-3.53	-3.28	-3.2	-3.79	-5.52	-8.25	-19.7
θ (30°)	-8.93	-12.51	-14.17	-11.9	-10.08	-9.88	-11.31	-11.83	-8.49	-5.14	-2.81	-1.24	-0.15	0.58	0.94	0.86	0.45	-0.01	-0.4	-0.5	-0.45	-0.72	-1.66	-3.62	-8.93
θ (45°)	-6.15	-9.53	-15.88	-33.91	-20.29	-23.73	-15.73	-8.82	-5.58	-3.46	-1.56	0.16	1.56	2.55	[2.99]	2.73	2.05	1.55	1.31	0.87	0.02	-0.84	-1.86	-3.34	-6.15
θ (60°)	-6.91	-10.65	-16.35	-16.12	-11.19	-6.89	-3.86	-3.05	-4.49	-6.64	-6.32	-3.48	-0.68	1.16	1.97	2.03	1.44	0.35	-0.54	-0.59	-0.06	-0.22	-1.57	-3.94	-6.91
θ (75°)	-5.32	-8.98	-14.57	-17.9	-7.69	-1.73	0.57	0.22	-1.77	-4.22	-5.2	-3.68	-1.08	0.93	1.73	1.18	-0.02	-0.31	0.88	1.8	1.15	-0.77	-2.42	-3.2	-5.32
θ (90°)	-6.31	-9.87	-16.73	-17.8	-8.45	-3.93	-2.28	-3.61	-4.32	-3.22	-1.78	0.66	2.42	2.88	2.42	1.73	1.34	1.51	1.71	0.63	-2.08	-3.22	-3.78	-5.87	-6.31
θ (105°)	-21.74	-15.14	-14.63	-12.86	-4.49	-1.31	-1.69	-5.41	-6.59	-5.14	-2.56	0.41	2.17	2.53	1.86	0.57	-0.62	-1.64	-2.93	-4.53	-4.73	-4.56	-7.4	-14.57	-21.74
θ (120°)	-12.64	-9.42	-11.01	-17.92	-6.38	-3.01	-2.19	-2.22	-3.43	-5.68	-5.86	-3.62	-1.92	-1.64	-2.35	-3.3	-3.32	-2.23	-1.55	-2.12	-3.64	-5.16	-7.51	-12.47	-12.64
θ (135°)	-10.94	-13.08	-13.04	-9.01	-5.17	-4.72	-7.51	-7.46	-5.73	-4.44	-2.92	-1.51	-1.12	-1.68	-2.6	-3.43	-3.64	-3.68	-4.64	-6.49	-7.44	-6.34	-5.69	-6.2	-10.94
θ (150°)	-8.13	-10.29	-11.61	-10.26	-7.89	-6.92	-7.9	-11.51	-15.56	-12.88	-9.79	-7.81	-6.85	-6.46	-5.72	-5.15	-5.43	-6.44	-7.44	-6.77	-5.45	-4.61	-4.65	-5.73	-8.13
θ (165°)	-7.72	-7.11	-6.31	-5.35	-4.71	-4.78	-5.81	-8.42	-13.05	-24.16	-19.6	-13.44	-10.72	-9.53	-9.83	-11.48	-12.17	-9.79	-7.69	-7.13	-8.09	-10.29	-12.15	-11.77	-7.72
θ (180°)	-24.53	-24	-18.27	-14.48	-11.83	-9.94	-8.81	-8.55	-9.44	-11.44	-14.63	-19.66	-32.02	-25.19	-17.1	-13.4	-11.48	-10.48	-10.01	-9.95	-10.34	-11.26	-13.04	-15.99	-24.53
Polarity	Phi																								
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 (360°)
θ (0°)	-8.97	-10.16	-12.53	-17.03	-26.56	-18.7	-13.25	-10.57	-8.94	-7.92	-7.29	-7.18	-7.77	-9.12	-11.51	-14.92	-20.12	-24.94	-16.24	-11.91	-9.69	-8.49	-8.01	-8.05	-8.97
θ (15°)	-5.21	-6.83	-10.24	-17.85	-24.33	-13.39	-9.18	-7.35	-6.85	-7.11	-7.57	-7.93	-8.39	-9.53	-11.77	-15.62	-22.09	-26.66	-20.86	-15.83	-10.94	-7.28	-4.97	-3.94	-5.21
θ (30°)	-3.35	-4.6	-7.74	-14.39	-21.18	-10.75	-6.33	-4.38	-4.18	-5.14	-6.14	-6.02	-5.57	-6.26	-9.01	-15.79	-26.55	-14.43	-11.73	-12.31	-12.43	-8.23	-4.55	-2.68	-3.35
θ (45°)	-1.9	-3.05	-6.11	-12.34	-22.92	-10.64	-6.26	-4.87	-5.77	-8.29	-7.87	-4.48	-2.53	-2.65	-5.11	-10.52	-17.64	-14.04	-11.47	-12.52	-20	-10.85	-4.59	-2.4	-1.9
θ (60°)	-2.83	-5.58	-9.86	-12.09	-11.75	-9.81	-6.13	-3.9	-3.23	-2.98	-2.39	-1.95	-2.18	-3.15	-5.07	-8.15	-13.31	-23.68	-20.04	-22.2	-13.97	-5.55	-1.89	-0.99	-2.83
θ (75°)	-1.83	-6.64	-19.64	-11.6	-8.28	-9.93	-10.63	-7.78	-5.1	-3.48	-2.8	-2.55	-2.24	-2.04	-2.9	-5.65	-10.83	-18.5	-19.15	-12.02	-6.85	-3.68	-1.43	-0.47	-1.83
θ (90°)	-1.77	-7.28	-21.84	-8.35	-6.16	-7.96	-11.65	-11.09	-7.31	-3.11	0.02	[1.29]	0.65	-1.72	-5.32	-9.93	-17.1	-28.21	-19.6	-12.74	-9.49	-7.47	-3.53	-1.24	-1.77
θ (105°)	-7.43	-29.9	-8.11	-5.58	-6.99	-11.75	-15.41	-15.37	-11.28	-5.1	-1.21	0.37	0.13	-1.44	-3.69	-6.64	-11.88	-20.92	-25.24	-26.49	-16.95	-9.01	-5.01	-4.59	-7.43
θ (120°)	-16.13	-13.6	-6.15	-4.12	-5.43	-11.1	-13.55	-9.8	-8.45	-5.76	-2.27	-0.09	0.35	-1.18	-5.15	-13.21	-31.71	-17.23	-18.07	-17.1	-12.74	-7.78	-5.68	-7.76	-16.13
θ (135°)	-22.15	-13.07	-7.4	-5.78	-8.03	-17.61	-8.57	-6.84	-7.93	-5.86	-3.08	-2.01	-2.42	-4.12	-7.14	-9.92	-8.86	-7.69	-9.84	-19.2	-14.92	-8.91	-7.1	-8.8	-22.15
θ (150°)	-12.75	-17.04	-17.71	-12.94	-12.14	-16.5	-44.89	-19.03	-17.31	-12.52	-6.81	-3.87	-3.09	-4.11	-6.35	-8.64	-7.63	-6.02	-6.65	-10.65	-15.57	-11.46	-9.29	-9.58	-12.75
θ (165°)	-15	-15	-13.14	-12.55	-14.16	-19.12	-26.69	-16.35	-11.55	-9.43	-9.26	-11.22	-14.74	-16.59	-13.94	-10.6	-8.97	-9.44	-12.47	-19.18	-18.49	-13.57	-12.09	-12.73	-15
θ (180°)	-9.52	-9.41	-9.7	-10.52	-12.1	-14.72	-20.14	-33.52	-20.35	-14.28	-11.17	-9.82	-9.54	-10.01	-10.92	-12.65	-14.58	-17.29	-20.76	-21.55	-18.45	-15.31	-12.81	-11.33	-9.52

Ant.	No.3																										
Freq. (MHz)	2450																										
Polarity	Theta																										
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 (360°)		
θ (0°)	1.03	0.56	-0.52	-2.36	-5.48	-11.43	-44.04	-10.79	-4.92	-1.88	-0.12	0.85	1.23	1	0.01	-1.87	-5.2	-11.42	-29.97	-9.91	-4.62	-1.71	0	0.85	1.03		
θ (15°)	-0.84	-1.16	-2.41	-4.88	-9.4	-14.15	-8.29	-3.72	-1.26	0.09	0.82	1.18	1.16	0.69	-0.27	-1.76	-3.97	-7.42	-13.74	-19.88	-10.63	-5.89	-3.13	-1.8	-0.84		
θ (30°)	-3.08	-3.62	-5.48	-8.39	-11.61	-12.78	-8.68	-4.64	-2.33	-1.1	0.03	1.17	1.9	1.77	0.89	-0.63	-2.71	-5.52	-9.44	-15.81	-24.57	-12.11	-6.85	-4.23	-3.08		
θ (45°)	-7.57	-10.18	-13.5	-9.69	-7.98	-8.61	-7.07	-3.86	-2.4	-2.17	-1.32	0.04	0.45	-0.5	-2.34	-3.85	-4.88	-6.39	-8.43	-11.55	-17.49	-15.72	-11.19	-9.61	-7.57		
θ (60°)	-18.87	-16.12	-11.49	-9.77	-11.78	-20.07	-13.73	-6.1	-3.18	-2.18	-0.94	0.76	1.67	1	-0.71	-1.73	-1.92	-2.92	-4.51	-5.91	-7.35	-9.7	-11.96	-13.46	-18.87		
θ (75°)	-8.67	-11.06	-11.69	-12.53	-14.97	-6.73	-2.3	-1.36	-2.44	-3.21	-1.66	0.38	0.9	-0.28	-2.04	-1.83	-0.62	-0.72	-1.89	-3.8	-5.52	-5.13	-3.96	-4.44	-8.67		
θ (90°)	-9.12	-9.68	-9.33	-12.14	-16.65	-7.57	-3.66	-3.83	-4.64	-3.33	-1.67	-1.5	-2.18	-2.65	-3.86	-7.22	-7.33	-2.96	-1.07	-2.97	-7.57	-6.54	-3.52	-4.92	-9.12		
θ (105°)	-13.98	-11.65	-11.95	-10.88	-6.9	-4.51	-5.38	-8.59	-9.46	-5.35	-2.48	-2.26	-3.34	-3.71	-3.94	-4.24	-3.29	-1.95	-1.56	-2.51	-4.23	-5.44	-7.48	-9.84	-13.98		
θ (120°)	-5.49	-6.46	-9.94	-14.08	-12.7	-10.57	-12.91	-16.78	-14.69	-25.78	-17.51	-15.16	-15.88	-15.84	-17.82	-15.45	-10.15	-6.66	-4.5	-3.12	-3.08	-3.72	-4.62	-4.96	-5.49		
θ (135°)	-1.81	-4.18	-8.64	-12.63	-15.81	-17.01	-17.41	-13.77	-19.09	-15.05	-9.4	-8.11	-8.27	-9.01	-9.67	-9.92	-10.99	-10.28	-5.61	-4.58	-5.87	-4.71	-2.36	-1.29	-1.81		
θ (150°)	3.63	2.49	0.22	-3.54	-11.04	-25.13	-11.19	-8.42	-8.05	-9.33	-13.06	-23.09	-18.4	-11.83	-8.6	-7.02	-6.73	-7.57	-10.35	-22.05	-8.35	-0.84	2.69	[4.12]	3.63		
θ (165°)	-9.92	-10.9	-11.25	-11.31	-12.78	-16.94	-19.79	-13.95	-11.07	-10.57	-11.47	-13.36	-16.05	-18.94	-22.33	-28.13	-43	-37.54	-29.48	-21.79	-17.59	-14.9	-12.68	-11.39	-9.92		
θ (180°)	0.03	-0.15	-0.94	-2.51	-5.2	-9.7	-14.64	-10.24	-5.69	-2.99	-1.4	-0.53	-0.17	-0.33	-1.15	-2.75	-5.44	-9.81	-15.52	-11.65	-6.69	-3.79	-2.07	-1.08	0.03		
Polarity	Phi																										
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 (360°)		
θ (0°)	-17.94	-8.29	-4.05	-1.65	-0.29	0.38	0.5	0.08	-1.01	-2.94	-6.26	-13.13	-22.47	-9.13	-4.46	-1.8	-0.21	0.62	0.75	0.21	-1.08	-3.4	-7.43	-16.25	-17.94		
θ (15°)	-15.03	-6.66	-2.5	-0.12	1.16	1.57	1.19	0.03	-1.82	-4.42	-8.39	-16.14	-20.02	-9.9	-5.44	-2.75	-1.02	-0.07	0.24	-0.09	-1.08	-2.95	-6.35	-11.56	-15.03		
θ (30°)	-12.38	-9.41	-5.49	-3.05	-1.28	-0.07	0.17	-0.76	-2.67	-4.83	-7.3	-12.21	-32.87	-9.66	-4.35	-1.56	0.05	1.16	1.61	1.38	0.54	-0.99	-3.45	-7.32	-12.38		
θ (45°)	-11.39	-18.79	-13.39	-8.62	-4.93	-2.68	-2.15	-3.78	-7.87	-12.63	-14.36	-23.48	-13.14	-5.95	-2.9	-1.32	-0.12	0.84	1.34	1.3	0.5	-1.29	-3.92	-6.64	-11.39		
θ (60°)	-14.57	-17.57	-13.38	-8.32	-4.48	-1.84	-0.35	-0.2	-1.21	-2.9	-5.33	-9.86	-16.38	-7.23	-3.77	-3.47	-4.07	-2.68	-1.21	-0.6	-0.83	-2.22	-5.03	-8.94	-14.57		
θ (75°)	-12.16	-11.38	-7.86	-3.96	-1.47	-0.65	-1.08	-1.89	-2.14	-2.28	-3.57	-8.42	-12.91	-5.62	-3.3	-3.69	-4.88	-3.83	-1.85	-1.08	-1.92	-4.75	-8.75	-11.89	-12.16		
θ (90°)	-13.61	-12.84	-7.25	-3.17	-1.28	-1.01	-1.61	-1.47	-2.04	-6.35	-6.86	-7.88	-16.34	-7.63	-2.54	-0.33	-0.29	-2.05	-2.72	-1.78	-2.45	-4.92	-8.27	-11.27	-13.61		
θ (105°)	-25.96	-10.05	-4.77	-3.33	-2.82	-1.49	-0.09	0.46	-1.32	-7.74	-10.85	-11.81	-23.82	-8.78	-4.14	-1.8	-0.6	-0.05	0.12	0.06	-0.69	-2.81	-6.7	-11.16	-25.96		
θ (120°)	-16.94	-7.3	-3.83	-3.69	-4.14	-3.26	-2.06	-1.95	-3.74	-8.28	-12.05	-15.67	-21.15	-8.68	-4.66	-1.74	0.28	1.39	[1.62]	0.87	-0.2	-1.39	-3.37	-8.11	-16.94		
θ (135°)	-26.88	-10.96	-8.92	-8.34	-5.49	-2.86	-1.38	-1.39	-3.89	-10.86	-15.72	-16.71	-26.47	-10.87	-6.42	-4.17	-2.55	-1.17	-0.55	-0.76	-0.55	-0.76	-2.93	-7.45	-26.88		
θ (150°)	-20.39	-8.89	-5.1	-3.85	-3.29	-2.66	-1.76	-1.23	-2.11	-5.15	-10.83	-17.45	-16.76	-12.33	-8.08	-4.96	-3.22	-2.65	-2.62	-2.17	-1.08	-0.63	-2.19	-7.34	-20.39		
θ (165°)	-15.62	-20.1	-15.35	-8.89	-4.91	-2.83	-2.44	-3.37	-5.65	-9.35	-14.49	-21.39	-24.42	-18.46	-14.45	-11.7	-9.35	-7.4	-6.08	-5.67	-6.09	-7.15	-8.7	-10.39	-15.62		
θ (180°)	-13.93	-12.9	-7.19	-3.57	-1.33	-0.04	0.45	0.3	-0.48	-1.99	-4.45	-8.45	-15.25	-12.77	-6.84	-3.53	-1.52	-0.35	0.11	-0.02	-0.7	-1.99	-4.14	-7.58	-13.93		

Ant.	No.0																								
Freq (MHz)	5200																								
Polarity	Theta																								
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 (360°)
θ (0°)	-19.83	-14.92	-6.86	-2.49	-0.88	0.5	1.17	0.74	0.25	-1.03	-3.4	-7.27	-18.23	-16.02	-7.21	-3.33	-1.38	-0.08	0.32	0.45	-0.15	-1.58	-3.84	-8.01	-19.83
θ (15°)	-8.53	-3.69	-1.28	0.12	1.47	1.65	2.15	1.12	-0.11	-1.05	-2.53	-5.27	-8.86	-10.08	-7.54	-3.89	-1.6	-1.08	-2.03	-5.2	-9.73	-16.7	-19.52	-16.73	-8.53
θ (30°)	-11.78	-4.49	-0.76	1.15	1.21	-0.16	-0.17	-1.85	-3.92	-4.06	-3.92	-4.84	-7.08	-6.09	-5.15	-8.03	-9.82	-9	-5.88	-2.57	-3.51	-9.83	-24.08	-36.11	-11.78
θ (45°)	-4.84	-8.05	-8.13	-2.84	2.17	-0.19	-0.19	-0.97	-3.07	-2.6	-1.91	-3.72	-8.73	-12.01	-8.59	-10.04	-16	-10.3	-10.25	-7.19	-8.66	-9.49	-5.82	-3.72	-4.84
θ (60°)	1.46	2.11	-3.13	-7.07	0.6	-0.76	-2.75	-2.56	-3.98	-2.26	0.58	-2.89	-0.72	-7.57	-10.8	-7.45	-6.79	-9.92	-5.72	-18.31	-10.06	-24.1	-4.31	-2.18	1.46
θ (75°)	0.19	2.94	-0.55	-3.14	-1.37	-1.74	-3.6	-2.75	-4.37	-5.54	1.33	-3.69	-3.51	-3.19	-3.15	-2.57	-11.41	-3.42	-7.67	-7.51	-1.7	-6.95	-8.94	-7.66	0.19
θ (90°)	-2.5	-2.04	1.2	-3.65	-6.36	-9.49	-4.23	-3.33	-6.23	-5.64	-4.18	-6.92	-13.87	-4.7	-4.51	-8.56	-10.15	-5.41	-9.74	-5.41	-0.34	-0.21	-3.67	-6.9	-2.5
θ (105°)	-2.77	-13.36	-3.13	-6.79	-13.62	-25.09	-5.79	-5.71	-6.55	-16.72	-9.64	-10.32	-11.1	-12.89	-11.89	-3.66	-12.19	-10.48	-6.16	-1	0.01	-3.02	-3.14	-2.38	-2.77
θ (120°)	-0.95	-4.64	-9.44	-19.85	-23.94	-12.96	-18.72	-9.71	-12.88	-13.99	-6.54	-15.51	-7.45	-10.14	-6.75	-5.16	-14.64	-8.94	-5.8	-0.97	1.97	1.11	-8.32	-1.89	-0.95
θ (135°)	-4.98	-8.62	-13.14	-14.45	-11.1	-13.59	-7.82	-3.22	-5.64	-18.32	-16.28	-9.27	-6.6	-10.34	-11.05	-13.4	-17.14	-12.49	-6.83	1.53	[3.38]	2.81	-1.66	-4.46	-4.98
θ (150°)	-3.5	-3.48	-2.44	-2.16	-5.01	-25.6	-8.94	-4.89	-4.4	-5.83	-10.55	-15.14	-21.46	-24.53	-25.61	-16	-8.41	-6.29	-4.52	-0.02	3.15	2.93	0.49	-2.48	-3.5
θ (165°)	-3.99	-5.08	-3.6	-1.45	-1.2	-2.78	-6.25	-11.72	-12.61	-7.91	-6.09	-7.25	-11.96	-25.16	-15.62	-11.24	-10.47	-10.5	-7.62	-4.41	-2.42	-1.79	-1.92	-2.54	-3.99
θ (180°)	-19.28	-17.18	-11.63	-8.46	-5.91	-4.74	-3.49	-2.44	-2.32	-3.65	-5.95	-9.36	-14.72	-26.64	-14.93	-8.55	-5.24	-3.71	-2.94	-3.27	-4.24	-5.76	-8.42	-12.23	-19.28
Polarity	Phi																								
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 (360°)
θ (0°)	1.37	1.4	0.91	-0.02	-2.3	-5.73	-11.93	-15.7	-7.48	-3.8	-1.27	0.32	1.06	1.1	0.51	-0.92	-3.08	-7.1	-12.76	-13	-6.55	-3.19	-0.91	0.5	1.37
θ (15°)	0.75	0.82	0.14	-1.09	-3.05	-7.05	-16.47	-16.26	-10.21	-7.65	-4.15	-1.61	-0.37	0.09	-0.23	-1.23	-3.48	-6.99	-8.82	-7.91	-7.36	-6.07	-3.2	-0.91	0.75
θ (30°)	0.94	0.35	-1.28	-4.17	-8.89	-10.09	-8.32	-10.3	-10.64	-8.76	-4.29	-1.06	-1.44	-3.22	-5.59	-7.56	-8.13	-12.03	-10.42	-14.81	-12.21	-14.6	-7.12	-1.19	0.94
θ (45°)	0.54	-1.96	-0.5	1.16	-4.27	-11.7	-8.21	-15.48	-11.53	-6.12	-2.13	-2.1	-3.06	-0.35	-4.02	-13.62	-23.75	-13.23	-19.71	-17.2	-6.41	-6.03	-6.59	-0.12	0.54
θ (60°)	0.71	-2.69	-4.08	-0.26	-1.25	-10.05	-9.14	-16.88	-17.23	-3.17	-0.66	-2.25	-0.9	0.29	-3.35	-13.08	-10.21	-8.6	-16.6	-11.23	-4.86	-5.89	-10.61	-0.42	0.71
θ (75°)	0.86	-1.39	-8.34	-7.73	-4.94	-24.16	-19.6	-14.29	-13.95	-1.11	-3.17	-2.34	-1.25	-0.67	-2.62	-3.85	-2.97	-13.81	-9.99	-14.45	-5.87	-3.81	-3.15	-4.47	0.86
θ (90°)	2.54	0.49	-0.69	-2.3	-20.34	-5.17	-12.89	-8.26	-11.68	-3.97	-7.89	-5.81	-5.47	-5.21	-1.37	-0.88	-2.21	-13.17	-11.28	-11.97	-11.6	-8.08	1.67	2.07	2.54
θ (105°)	1.21	2.01	-0.83	-6.93	-4.82	-21.47	-19.57	-9.85	-12.51	-5.86	-10.19	-8.87	-7	-5.37	-7.13	-2.07	-11.82	-12.13	-15.13	-8.81	-5.31	-13.92	0.65	3.47	1.21
θ (120°)	-4.2	-2.68	-0.61	-6.01	-8.19	-5.47	-19.23	-11.81	-12.77	-8.66	-8.95	-32.59	-8.11	-11.36	-7.88	-5.21	-21.35	-14.08	-14.27	-16.31	-2.99	-2.21	-5.98	-1.93	-4.2
θ (135°)	-0.4	0.66	1.22	2.26	-12.41	-6.8	-13.61	-11.4	-10.63	-10.72	-8.72	-6.55	-8.47	-10.42	-5.37	-13.77	-5.43	-13.26	-11.71	-9.62	-4.24	2.01	2.04	0.04	-0.4
θ (150°)	2.9	[4.61]	3.81	-0.45	-5.42	-5.24	-8.06	-14.16	-16.18	-10.13	-11.75	-14.87	-8.27	-12.27	-8.8	-8.45	-6.68	-9.25	-10.82	-9.55	-5.75	-0.82	1.23	0.93	2.9
θ (165°)	1.57	2.84	2.75	0.79	-2.3	-8.38	-11.71	-16.06	-13.72	-12.93	-16.22	-16.61	-8.74	-5.66	-5.36	-7.39	-10.29	-10.18	-12.33	-17.82	-10.51	-6.09	-2.69	-0.57	1.57
θ (180°)	-3.34	-4.06	-4.72	-7.75	-12.47	-16.59	-22.59	-13.6	-9.04	-6.1	-4.61	-3.69	-3.5	-2.77	-2.6	-3.37	-5.39	-9.51	-20.95	-19.64	-10.02	-6.41	-4.71	-3.6	-3.34

Ant.	No.0																								
Freq. (MHz)	5300																								
Polarity	Theta																								
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 (360°)
θ (0°)	-15.37	-10.74	-5.04	-2.44	-0.16	0.51	0.6	0.7	-0.54	-2.2	-4.69	-8.76	-16.66	-14.5	-7.33	-3.57	-1.43	-0.2	0.36	0.24	-0.34	-1.84	-4.4	-8.65	-15.37
θ (15°)	-7.1	-2.77	0.3	1.61	1.92	2.16	1.04	0.21	-1.09	-2.26	-3.23	-4.73	-6.98	-7.9	-6.33	-3.63	-1.74	-1.04	-2.31	-5.02	-9.66	-11.89	-11.83	-11.19	-7.1
θ (30°)	-9.56	-5.52	-2.6	-0.14	1.55	1.38	0.94	0.27	-3.6	-4.52	-5.11	-7.95	-10.72	-8.8	-6.38	-7.39	-9.95	-7.73	-4.49	-1.9	-3.95	-11.85	-24.72	-17.87	-9.56
θ (45°)	-3.46	-4.93	-9.55	-4.2	1.21	0.8	0.03	0.49	-4.02	-2.43	-4.22	-3.71	-6.82	-11.99	-11.71	-14.64	-12.06	-11.12	-12.15	-6.34	-8.04	-6.66	-3.62	-3.16	-3.46
θ (60°)	1.73	2.42	-2.72	-6.52	-0.11	0.7	-0.79	-1.29	-3.21	-2.88	0.27	-2.83	0.26	-3.9	-8.66	-7.23	-11.91	-7.63	-6.15	-12.98	-7.82	-16.83	-3	-2.2	1.73
θ (75°)	-0.32	2.38	-0.88	-1.28	-0.88	-1.96	-2.22	-0.96	-3.3	-5.31	2.23	-1.86	-2.89	-2.26	-2.53	-3.64	-8.88	-3.82	-6.66	-6.16	-1.92	-6.89	-14.56	-4.59	-0.32
θ (90°)	-2.91	0.57	1.79	-2.08	-8.38	-7.23	-5.82	-3.04	-4.15	-4.29	-3.88	-4.63	-9.65	-5.98	-4.4	-10.46	-6.67	-7.44	-10.38	-4.71	-0.36	-0.1	-6.34	-4.79	-2.91
θ (105°)	-1.79	-11.49	-3.59	-4.75	-11.03	-21.04	-8.09	-8.38	-8.17	-13.51	-9.28	-8.24	-9.79	-10.63	-7.68	-3.78	-10.85	-12.65	-6.61	-1.15	-0.11	-4.15	-4.07	-2.41	-1.79
θ (120°)	-1.49	-2.66	-6.82	-13.85	-23.64	-11.28	-27	-11.43	-13.8	-16.83	-6.43	-15.78	-4.79	-12	-5.8	-6.61	-18.91	-10.99	-7.51	-0.25	1.8	-0.36	-9.25	-1.72	-1.49
θ (135°)	-7.13	-9.42	-18.19	-23.92	-10.22	-13.88	-8.75	-3.19	-5.09	-15.13	-25.25	-8.19	-6.83	-15.65	-11.73	-15.51	-20.21	-18.41	-6.32	1.55	[3.39]	2	-2.97	-7.07	-7.13
θ (150°)	-6.23	-5.95	-3.88	-3.01	-9.12	-20.43	-7.61	-4.26	-3.97	-6.35	-11.99	-13.13	-15.4	-18.53	-20.26	-17.58	-11.2	-6.26	-3.32	0.71	2.96	2.44	-0.25	-3.64	-6.23
θ (165°)	-5.9	-5.75	-3.33	-1.03	-0.59	-2.85	-6.47	-13.38	-16.94	-9.96	-7.09	-7.06	-9.77	-17.15	-18.85	-12.82	-11.73	-11.02	-7.8	-5.48	-4.14	-3.35	-3.18	-3.9	-5.9
θ (180°)	-18.54	-22.22	-14.75	-9.41	-6.07	-4.8	-3.23	-2.13	-1.98	-2.76	-4.87	-8.04	-12.63	-20.37	-19.81	-10.28	-6.38	-4.11	-3.13	-2.86	-3.32	-4.79	-6.71	-10.12	-18.54
Polarity	Phi																								
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 (360°)
θ (0°)	1.35	1.27	0.51	-0.91	-2.86	-6.32	-10.95	-10.24	-5.99	-2.33	-0.56	0.41	0.75	0.52	-0.25	-1.6	-3.93	-7.29	-11.59	-8.51	-5.01	-1.92	-0.12	0.92	1.35
θ (15°)	0.88	0.64	-1.07	-3.36	-7.39	-15.67	-16.64	-9.71	-6.66	-4.87	-3.65	-2.36	-1.18	-0.7	-0.93	-2.11	-4.63	-9.01	-10.31	-9.57	-8.3	-5.94	-2.35	-0.41	0.88
θ (30°)	-1.45	-2.17	-2.06	-2.99	-6.83	-8.7	-9.17	-10.35	-8.2	-5.43	-4.28	-2.12	-1.1	-2.65	-5.85	-7.46	-9.7	-12.23	-11.32	-13.11	-12.12	-14.45	-5	-1.58	-1.45
θ (45°)	-0.51	-3.78	-1.21	0.55	-4.33	-11.87	-10.38	-15.54	-7.56	-4.45	-2.64	-1.88	-3.44	-0.63	-3	-10.63	-14.65	-12.75	-14.54	-10.47	-4.69	-9.77	-2.67	1.74	-0.51
θ (60°)	-0.81	-5.21	-6.77	-1.98	-3.83	-12.78	-11.78	-21.06	-16.34	-3.4	0.03	-0.07	-0.45	1.03	-2.64	-11.21	-10.31	-10.35	-19.39	-10.61	-6.45	-6	-7.31	0.16	-0.81
θ (75°)	0.5	-4.26	-7.43	-9.83	-5.97	-18.14	-9.75	-7.83	-14.81	-1.45	-1.17	-0.83	-0.08	0.84	-0.34	-3.36	-2.96	-20.47	-11.79	-12.97	-6.48	-3.01	-3.84	-5.4	0.5
θ (90°)	1.1	-0.76	-1	-1.76	-8.61	-9.16	-17.48	-14.08	-12.4	-4.41	-4.47	-6.09	-2.84	-3.63	-0.8	-0.83	-2.82	-15.52	-12.45	-8.99	-11.35	-6.46	1.75	2.17	1.1
θ (105°)	0.65	0.68	-0.72	-5.04	-3.49	-13.17	-18.04	-11.64	-9.74	-6.37	-8.68	-8.19	-8.14	-4.86	-6.78	-2.68	-11.55	-15.58	-14.58	-9.06	-3.79	-18.93	1.76	2.18	0.65
θ (120°)	-5.73	-2.94	-1.56	-7.14	-7.44	-7.17	-14.74	-12.32	-14.44	-9.02	-7.93	-23.1	-12.33	-12.35	-9.23	-6.39	-15.27	-14.33	-25.46	-23.84	-3.14	-3.14	-6.45	-3.19	-5.73
θ (135°)	-1.15	-0.36	0.59	3.16	-6.94	-5.38	-11.47	-15.03	-10.6	-14.07	-10.8	-6.38	-12.95	-10.23	-9.52	-14.81	-5.49	-10.36	-9.06	-7.75	-1.97	2.78	1.94	-0.31	-1.15
θ (150°)	2.58	[4.02]	3.6	-1.06	-3.8	-4.57	-8.05	-14.19	-18.51	-9.95	-10.31	-20.83	-11.45	-10.95	-6.49	-6.34	-7.06	-7.79	-7.46	-7.11	-4.14	0.36	1.71	1.35	2.58
θ (165°)	1.17	2.46	2.68	0.46	-3.05	-7.84	-11.85	-17.52	-15.49	-11.33	-12.33	-20.36	-10.78	-5.67	-5.28	-7.42	-8.16	-8.85	-10.21	-14.74	-13.07	-7.15	-3.47	-1.19	1.17
θ (180°)	-2.79	-2.95	-3.86	-5.44	-9.43	-13.17	-21.49	-19.89	-11.26	-6.62	-4.25	-3.59	-3.42	-2.85	-2.37	-2.48	-4.17	-7.14	-12.21	-25.39	-15.14	-8.58	-5.43	-3.49	-2.79

Ant.	No.0																												
Freq. (MHz)	5600																												
Polarity	Theta																												
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 (360°)				
θ (0°)	-11.21	-7.36	-3.46	-0.84	0.13	1.12	0.65	0.34	-0.67	-2.26	-4.64	-8.58	-12.85	-9.17	-5.01	-2.34	-0.28	0.41	0.68	0.5	-0.77	-2.45	-5.42	-9.95	-11.21				
θ (15°)	-5.64	-4.68	-3.19	-0.73	1.49	3.2	3.7	2.58	0.32	-2.22	-4.03	-5.33	-7.11	-10.44	-11.71	-7.31	-5.57	-5.57	-8.18	-9.82	-9.45	-8.27	-7.49	-7.02	-5.64				
θ (30°)	-10.49	-9.65	-8.27	-2.66	-0.63	1.79	4.04	[4.09]	0.8	-3.69	-5.59	-10.01	-10.18	-7.94	-7.31	-8.46	-10.02	-9.81	-8.41	-7.23	-13.38	-22.5	-17.02	-18.49	-10.49				
θ (45°)	-5.03	-11.41	-9.47	-1.86	1.14	0.99	2.25	2	-0.98	-1.86	-5.36	-11.69	-10.18	-17.33	-14.46	-21.84	-20.63	-16.69	-9.71	-6.14	-8.03	-8.36	-10.29	-6.04	-5.03				
θ (60°)	1.87	0.07	-5.97	-6.02	-0.06	2.1	2.56	1.79	-0.84	-1.16	-2.7	-3.08	-1.48	-3.04	-11.34	-14.08	-11.84	-8.34	-10.52	-14.5	-13.22	-2.93	-0.32	-1.09	1.87				
θ (75°)	-0.18	0.42	-2.78	-4.89	-0.62	-1.7	-2.66	-0.36	-2.26	-1.31	1.09	0.33	-0.44	-2.25	-4.01	-5.67	-10.55	-3.78	-7.38	-4.34	-3.92	-8.19	-4.65	-5	-0.18				
θ (90°)	-3.83	-2.13	-1.44	-1.47	-4.71	-5.24	-10.33	-6.8	-3.89	-2.84	-5.7	-5.73	-2.95	-5.87	-3.92	-4.11	-6.5	-4.39	-8.77	-2.7	0.28	-3.23	-10.22	-4.26	-3.83				
θ (105°)	-4.32	-12.47	-2.39	-1.09	-4.63	-5.69	-7.72	-13.67	-16.42	-9.48	-8.63	-14.05	-10.57	-12.63	-7.22	-3.29	-13.04	-14.16	-4.95	0.41	-1.6	-7.63	-6.25	-6.22	-4.32				
θ (120°)	-3.25	-2.28	-4.6	-7.4	-10.42	-8.8	-23.42	-5.67	-8.87	-18.54	-11.15	-14.46	-7.48	-10.71	-10.75	-6.25	-13.46	-17.13	-5.4	-0.42	0.91	-3.79	-7.11	-5.2	-3.25				
θ (135°)	-0.09	-2.32	-12.17	-17.7	-10.51	-7.27	-7.36	-10.81	-15.23	-34.61	-15.52	-12.44	-9.92	-26.93	-10.59	-29.47	-15.3	-14.63	-3.54	2.45	3.32	-0.1	-4.72	-5.08	-0.09				
θ (150°)	-5.45	-7.46	-8.95	-6.08	-13.26	-5.03	-2.44	-3.75	-3.96	-5.47	-13.18	-11.44	-10.32	-14.74	-25.98	-16.09	-11.82	-6.62	-3.71	-0.14	1.49	0.35	-1.98	-5.35	-5.45				
θ (165°)	-11.66	-17.61	-6.17	-2.01	-0.41	-1.7	-5.01	-9.66	-18.83	-25.88	-16.11	-13.4	-11.9	-11.69	-12.44	-12.56	-13.5	-17.09	-13.52	-8.98	-6.14	-4.57	-4.28	-5.68	-11.66				
θ (180°)	-14.17	-17.46	-13.12	-10.18	-8.26	-6.16	-5.48	-3.41	-3.24	-4.72	-7.27	-10.62	-14.63	-17.32	-13.93	-10.03	-7.4	-5.81	-5.09	-4.91	-5.03	-5.85	-7.21	-9.32	-14.17				
Polarity	Phi																												
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 (360°)				
θ (0°)	1.5	1.15	-0.09	-1.94	-5.35	-9.27	-10.36	-6.08	-3.48	-1.3	0.22	0.97	1.13	0.73	-0.11	-1.82	-4.61	-7.48	-7.96	-5.46	-2.24	-0.36	0.71	1.44	1.5				
θ (15°)	-3.34	-3.32	-3.15	-3.41	-4.77	-9.8	-25.93	-8.04	-4.15	-2.9	-2.45	-2.05	-0.89	-0.08	-0.21	-1.46	-4.48	-8.51	-10.02	-9.37	-7.25	-5.47	-4.43	-3.95	-3.34				
θ (30°)	-2.55	-2.31	-1.91	-2.81	-6.06	-11.22	-15.43	-10.64	-9.3	-9.31	-1.53	-0.05	-1.51	-2.15	-2.36	-2.18	-4.23	-8.73	-10.27	-22.16	-20.79	-9.86	-4.5	-3.3	-2.55				
θ (45°)	-2	-3.99	-3.99	-2.93	-7.85	-15.54	-20.82	-9.55	-8.11	-0.98	1.3	-2.2	-3.63	-2.11	-4.97	-15.07	-26.38	-10.22	-12.99	-9.36	-13.07	-5.84	1.16	1.23	-2				
θ (60°)	-1.81	-2.83	-7.63	-16.97	-7.44	-10.59	-17.97	-9.72	-9.45	-3.66	-0.8	-1.61	-0.08	2.4	0.36	-7.49	-12.88	-10.45	-18.64	-10.2	-6.01	-8.47	-3.79	0.21	-1.81				
θ (75°)	-3.68	-3.44	-3.66	-5.11	-15.98	-13.56	-11.41	-11.24	-5.98	-4.6	-2.11	0.25	0.41	1.95	0.56	-5.19	-6.73	-12.51	-15.55	-12.93	-4.89	-3.52	-8	-1.63	-3.68				
θ (90°)	-1.45	-0.07	-0.67	-0.57	-5.16	-18.41	-14.75	-11.87	-7.67	-7.25	-7.42	-7.19	-1.59	-2.31	-0.05	-1.69	-5.83	-22.74	-11.7	-23.96	-15.3	-4.5	1	-0.49	-1.45				
θ (105°)	0.59	1.74	0.41	-4.03	-7.79	-10.92	-11.21	-9.86	-6.62	-5.47	-7.23	-6.91	-9.19	-4.67	-6.08	-4.06	-14.13	-12.31	-16.03	-23.82	-9.27	-7.21	-0.04	-0.44	0.59				
θ (120°)	-3.95	-1.79	-2.24	-21.6	-7.36	-5.02	-15.95	-9.43	-10.24	-11.25	-10.9	-13.24	-10.45	-19.18	-14.08	-9.69	-16.02	-8.37	-14.88	-33.51	-5.04	-4.25	-8.56	-6.4	-3.95				
θ (135°)	-2.02	-2.83	-3.43	-0.13	-10.74	-6.11	-12.79	-17.74	-8.85	-13.9	-25.41	-7.15	-9.88	-11.77	-10.01	-12.23	-4.63	-9.08	-7.72	-12.44	-0.91	2.65	2.35	-1	-2.02				
θ (150°)	2.44	[3.51]	2.52	-1.49	-2.5	-5.06	-13.2	-17.84	-16.34	-10.22	-4.75	-11.54	-20.26	-14.23	-8.56	-8.01	-5.59	-6.16	-4.23	-5.74	-6.59	-1.61	0.48	2.01	2.44				
θ (165°)	2.56	3.46	2.86	1.16	-3.4	-13.62	-13.29	-11.01	-10.64	-10.45	-9.49	-10.27	-12.1	-9.26	-6.62	-5.9	-7.56	-10.07	-13.25	-15.23	-13.05	-7.8	-3.03	-0.05	2.56				
θ (180°)	-4.12	-3.97	-5.06	-6	-8.03	-11.69	-14.29	-17.45	-14.79	-8.26	-5.61	-5.15	-6.13	-6.41	-5.63	-5.95	-6.94	-9.18	-11.35	-16.09	-15.02	-12.02	-7.96	-5.96	-4.12				

Ant.	No.0																								
Freq. (MHz)	5785																								
Polarity	Theta																								
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 (360°)
θ (0°)	-12.34	-6.18	-2.18	-0.09	1.26	1.95	1.89	1.74	0.12	-2.25	-6.07	-14.66	-14.77	-6.47	-2.79	-0.82	0.59	1.19	0.98	0.59	-0.99	-3.2	-7.05	-15.34	-12.34
θ (15°)	-5.5	-3.71	-2.39	-0.74	0.42	2.48	3.76	[4.27]	3.02	0.06	-4.48	-8.05	-10.49	-13.48	-22.6	-11.06	-6.58	-5.03	-6.58	-9.42	-10.48	-11.01	-9.81	-8.2	-5.5
θ (30°)	-20.76	-30.51	-10.45	-1.35	0.13	0.72	2.71	4.08	2.6	-1.73	-6.39	-12	-15.78	-9.88	-5.61	-6.72	-11.09	-9.86	-7.36	-7.59	-19.72	-13.61	-13.68	-22.98	-20.76
θ (45°)	-5.66	-8.64	-5.83	-1.9	1.8	2.51	1.96	2.21	-1.37	-2.22	-5.71	-10.01	-10.58	-11.6	-21.7	-17.79	-21.44	-18.99	-9.7	-8.54	-17.32	-11.01	-5.55	-3.65	-5.66
θ (60°)	-0.72	-1.45	-3.69	-1.69	-0.95	2.48	1.56	2.83	-0.43	-0.49	-2.97	-3.28	-3.21	-3.19	-7.31	-11.7	-11.69	-5.9	-16.52	-8.94	-11.91	-2.76	-2.32	-3.74	-0.72
θ (75°)	-8.21	-3.78	-3.43	-2.55	-0.51	0.52	-4.81	1.57	0.04	-0.74	-0.42	-0.06	-1.71	-3.4	-5.44	-6.19	-10.47	-3.48	-9.24	-2.33	-4.83	-8.95	-12.44	-8.61	-8.21
θ (90°)	-10.65	-7.62	-2.68	-1.09	-1.32	-1.01	-13.12	-5.15	-2.42	-2.36	-8.31	-4.65	-4.1	-15.01	-7.35	-4.12	-8.3	-4.45	-10.4	-2.27	-1.75	-4.25	-25.36	-6.35	-10.65
θ (105°)	-5.59	-15.33	-2.64	-0.7	-4.36	-3.71	-11.4	-19.94	-12.36	-10.23	-11.45	-11.35	-7.51	-25.85	-6.62	-3	-11	-13.58	-5.84	0.65	-3.5	-11.94	-5.88	-5.03	-5.59
θ (120°)	-3.94	-3.55	-4.53	-6.23	-14.76	-6.87	-21.13	-7.44	-10.93	-12.37	-13.41	-12.7	-7.96	-7.43	-7.05	-4.38	-11.35	-12.03	-5.9	0.31	0.74	-4.71	-5.06	-4.19	-3.94
θ (135°)	-1.3	-4.59	-12.24	-11.67	-10.35	-5.68	-6.87	-8.23	-15.13	-17.72	-11.75	-10.21	-7.01	-18.34	-8.52	-17.34	-11.11	-25.64	-3.59	2.65	3.39	0.26	-5.55	-3.61	-1.3
θ (150°)	-4.55	-7.96	-6.97	-5.69	-7.93	-1.57	0.48	-2.52	-2.17	-3.07	-8.71	-10.58	-7.18	-10.57	-21.13	-12.22	-10.98	-5.81	-2.98	-0.69	0.67	0.78	-1.39	-3.96	-4.55
θ (165°)	-6.1	-12.78	-12.28	-4.6	-2.19	-2.41	-5.21	-7.88	-11.64	-18.87	-15.51	-15.33	-13.78	-13.31	-15.56	-14.98	-15.49	-15.07	-9.91	-8.17	-6.25	-3.99	-2.88	-3.45	-6.1
θ (180°)	-17.29	-27	-18.18	-12.68	-12.03	-8.62	-7.78	-5.72	-4.75	-5.55	-7.13	-9.28	-13.39	-19.7	-23.09	-12.6	-9.11	-7.13	-6.68	-6.55	-7.2	-8.49	-9.67	-11.79	-17.29
Polarity	Phi																								
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 (360°)
θ (0°)	2.2	1.67	0.39	-1.89	-6.18	-14.97	-11.13	-5.09	-1.38	0.7	1.77	2.45	2.25	1.27	-0.38	-3.26	-7.48	-14.43	-10.28	-4.46	-1.39	0.46	1.7	2.24	2.2
θ (15°)	-4.94	-5.21	-6.21	-6.15	-7.51	-10.01	-20.38	-9.01	-3.25	-1.07	-1.38	-2.84	-2.97	-2.04	-1.78	-2.47	-3.75	-5.23	-4.84	-4.43	-4.77	-4.64	-4.37	-4.62	-4.94
θ (30°)	-6.14	-5.92	-4.02	-4.83	-10.67	-15.8	-16.69	-13.05	-6.01	-5.84	-5.55	-2.19	-1.16	-2.92	-3.86	-3.63	-4.52	-7.16	-8.55	-12.95	-13.26	-7.4	-5.08	-5.16	-6.14
θ (45°)	-2.01	-4.12	-10.64	-8.06	-11.56	-11.69	-22.41	-8.24	-5.09	-2.48	0.84	0.55	-5.08	-2.98	-5.47	-11.88	-16.51	-11.09	-13.79	-12.86	-9.89	-2.53	1.59	1.19	-2.01
θ (60°)	-2.64	-1.93	-2.28	-8.8	-11.84	-12.91	-22.41	-9.48	-6.6	-2.31	-1.16	-1.07	-1.74	0.85	0.64	-5.56	-14.7	-8.94	-15.37	-10.82	-7.54	-7.12	-5.11	-1.27	-2.64
θ (75°)	-9.72	-6.44	-6.51	-2.92	-11.7	-14.59	-16.03	-9.49	-5.57	-4.56	-3.44	-0.96	-0.26	1.11	0.92	-4.81	-5.92	-12.98	-19.03	-9.92	-5.63	-5.86	-9.08	-5.4	-9.72
θ (90°)	-3.02	0.32	-1.73	-0.77	-3.58	-13.69	-17.49	-14.09	-6.61	-3.66	-11.06	-7.12	-5.1	-3.03	0.85	-1.47	-4.89	-17.84	-13.35	-15.06	-16.07	-3.78	0.42	-3.67	-3.02
θ (105°)	-0.42	2.29	-0.21	-3.47	-7.23	-12.72	-8.55	-9.66	-5.34	-4.2	-5.12	-11.19	-7.68	-4.94	-5.44	-5.22	-18.61	-11.48	-15.01	-16.03	-7.65	-6.04	-0.63	0.12	-0.42
θ (120°)	-1.49	1	-1.96	-12.52	-7.12	-7.11	-22.44	-13.88	-13.02	-8.43	-13.44	-11.34	-10.93	-16.06	-9.6	-9.14	-16.65	-7.42	-26.9	-19.18	-4.51	-1.66	-21.97	-2.73	-1.49
θ (135°)	-2.78	-6.04	-2.35	-0.24	-16.39	-9.64	-10.83	-8.88	-10.08	-11.81	-12.46	-6.56	-9.84	-8.99	-8.64	-11.55	-4.54	-10.4	-10.78	-17.27	-1.23	2.91	1.2	-7.94	-2.78
θ (150°)	1.21	3.22	2.68	0.89	0.28	-2.08	-7.87	-19.87	-10.72	-8.44	-3.81	-6.08	-9.47	-13.26	-13.44	-6.32	-5.94	-4.84	-3.41	-7.74	-7.06	-2.21	0.74	1.23	1.21
θ (165°)	1.93	[3.25]	2.92	0.77	-2.46	-11.81	-19.41	-12.54	-12.77	-17.22	-10.91	-7.73	-9.62	-9.59	-6.93	-6.97	-8.87	-10.02	-13.86	-19.3	-15.53	-9.69	-3.54	-0.49	1.93
θ (180°)	-5.91	-5.12	-4.88	-6.57	-8.74	-13.14	-19.96	-29.47	-18.9	-11	-8.1	-7.33	-7.97	-6.57	-4.99	-5.7	-6.9	-11.17	-15.71	-29.36	-22.03	-15.47	-10.68	-7.82	-5.91

Ant.	No.1																								
Freq. (MHz)	5200																								
Polarity	Theta																								
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 (360°)
θ (0°)	-1.72	-2.55	-4.25	-6.87	-9.78	-10.21	-7.47	-4.87	-2.79	-1.62	-1.2	-1.33	-1.85	-2.79	-4.66	-8.52	-13.67	-15.23	-10.1	-5.96	-3.34	-2.29	-1.33	-1.09	-1.72
θ (15°)	-4.6	-4.79	-2.57	-1.78	-1.75	-1.05	-0.41	-0.37	-0.75	-1.04	-1.83	-2.25	-2.12	-2.55	-3.62	-5.76	-9.76	-14.65	-12.17	-7.09	-2.98	-0.72	-0.46	-1.44	-4.6
θ (30°)	-0.34	-0.49	1.08	1.01	1.07	1.83	1.93	0.92	-1.35	-5.95	-7.94	-8.62	-10.34	-10.94	-11.17	-10.84	-10.73	-12.73	-16.69	-11.28	-5.43	-1.79	0.44	1.4	-0.34
θ (45°)	-1.72	-0.14	-0.54	-1.96	[2.66]	1.71	1.35	1.18	-1.57	-7.81	-14.45	-10.58	-9.08	-16.06	-19.06	-10.67	-6.5	-6.92	-8.3	-9.47	-9.32	-6.58	-6.24	-4.81	-1.72
θ (60°)	-1.83	1.19	-1.83	-4.2	2.46	-3.94	0.34	2.38	0.6	-0.98	-5.99	-11.39	-12.97	-5.67	-9.46	-6.4	-5.63	-5.96	-5.17	-6.2	-5.91	-1.95	-1.46	-2.1	-1.83
θ (75°)	-8.13	-0.51	-6.27	-3.65	0.38	-2.39	1.31	0.92	-2.11	-0.52	-4.87	-6.02	-3.68	-2.13	-2.98	0.45	-3.48	-5.08	-5.77	-3.6	-0.45	-1.57	-4.46	-2.54	-8.13
θ (90°)	-14.89	-12.2	-7.94	-4.01	-0.84	-2.99	-0.55	2.46	-0.03	-1.61	-2.26	-5.43	-0.72	-1.07	-4.2	-3.2	-4.5	-12.63	-8.6	-7.84	0.26	-0.39	-3.95	-4.08	-14.89
θ (105°)	-13.27	-14.77	-10.75	-2.33	-1.61	-5.82	-1.56	2.26	-2.88	-6.56	-1.03	-3.15	-1.67	1.68	-4.76	-2.81	-13.23	-8.39	-11.66	-13.4	-5.31	-5.2	-5.83	-9.76	-13.27
θ (120°)	-8	-8.16	-29.04	-6.78	-7.33	-3.8	-3.04	-2.71	-1.27	-4.64	-0.21	0.49	1.87	1.92	-1.55	-0.55	-5.79	-11.11	-15.78	-13.7	-10.96	-15.03	-12.63	-10.15	-8
θ (135°)	-6.74	-6.81	-11.55	-13.43	-9.01	-8.06	-4.81	-3.87	-8	-2.92	-4.9	0	0.24	-1.23	-5.37	-6.14	-20.35	-22.28	-30.69	-13.91	-13.38	-13.85	-11.52	-10.3	-6.74
θ (150°)	-4.88	-4.72	-7.37	-9.84	-10.96	-10.07	-8.67	-5.55	-2.7	-2.43	-0.99	0.29	-2.3	-5.17	-6.24	-10.61	-19.95	-19.38	-18.61	-11.37	-16.16	-16.99	-12.12	-8.91	-4.88
θ (165°)	-9.34	-7.64	-7.51	-9.14	-11.53	-9.54	-7.55	-7.02	-6.67	-6.35	-6.46	-7.4	-9.15	-11.97	-13.51	-13.11	-15.86	-21.26	-18.93	-17.78	-19.33	-46.15	-16.23	-12.56	-9.34
θ (180°)	-3.51	-4.34	-5.73	-8.02	-11.94	-20.59	-23.84	-12.21	-7.68	-4.93	-3.48	-2.96	-3.12	-3.92	-4.86	-6.73	-10.32	-17.4	-31.5	-14.35	-8.13	-5.42	-4.04	-3.31	-3.51
Polarity	Phi																								
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 (360°)
θ (0°)	-8.13	-5.31	-3.1	-1.79	-1.13	-0.9	-1.35	-2.54	-4.36	-7.61	-13.51	-20.85	-11.95	-6.88	-3.83	-2.07	-1.51	-1.56	-2	-3.47	-5.28	-8.68	-14.2	-14.81	-8.13
θ (15°)	-14.04	-9.6	-4.23	-0.9	0.73	0.92	0.26	-1.54	-4.26	-6.74	-9.11	-11.04	-10.17	-7.56	-5.11	-3.35	-2.07	-0.88	0.07	0.38	0.02	-1.28	-4.06	-7.72	-14.04
θ (30°)	-12.58	-10.84	-5.43	-2.28	-1.71	-1.49	-0.79	-1.52	-2.37	-4	-10.23	-11.67	-8.62	-11	-13.32	-14.32	-9.72	-4.94	-3	-1.99	-2.97	-5.29	-6.49	-8.23	-12.58
θ (45°)	-1.55	0.27	0.6	-0.3	0.93	[1.36]	0.03	-2.17	-1.35	-2.48	-9.84	-14.3	-12.32	-14.37	-16.77	-16.2	-14.12	-13.11	-11.7	-8.33	-5.54	-4.62	-4.8	-3.93	-1.55
θ (60°)	-7.13	-2.81	-0.53	1.1	1.22	0.04	-1.69	-1.6	-2.73	-5.81	-15.71	-18.09	-16.92	-12.79	-15.54	-9.64	-4.48	-5.51	-1.39	-0.47	-1.63	-7.55	-8.15	-3.99	-7.13
θ (75°)	-15.61	-16.19	-12.06	-4.43	-3.24	-1.29	-0.05	-1.1	-4.82	-14.33	-12.13	-7.39	-7.03	-11.44	-11.38	-3.4	-4.44	-4.7	-1.67	-0.95	-2.63	-10.74	-15.96	-19.43	-15.61
θ (90°)	-12.39	-10.78	-10.92	-5.23	-2	-1.38	-1.61	-2.47	-7.42	-13.14	-6.98	-4.15	-8.6	-16.79	-9.14	-6.32	-6.6	-4.94	-4.31	-1.26	-6.18	-8.21	-10.03	-17.98	-12.39
θ (105°)	-20.48	-13.44	-10.03	-27.86	-10.99	-6.05	-7.9	-8.78	-9.49	-7.21	-8.66	-7.25	-10.49	-8	-4.84	-16.83	-5.83	-7.32	-16.84	-13.95	-12.15	-7.98	-17.77	-13.94	-20.48
θ (120°)	-9.72	-12.28	-6.08	-9.48	-7.11	-6.14	-4.79	-7.19	-3.36	-1.29	-2.2	-12.29	-15.1	-8.42	-10.18	-8.63	-6.78	-22.38	-15.32	-7.42	-8.38	-7.48	-13.22	-9.31	-9.72
θ (135°)	-5.76	-3.4	-2.39	-0.48	-1.42	-2.29	-4.65	-4.61	-10.28	-8.47	-13.97	-12.44	-12.28	-8.3	-3.66	-6.39	-7.76	-15.95	-10.72	-8.04	-2.72	-5.35	-16.06	-10.9	-5.76
θ (150°)	-8.32	-11.2	-3.01	-1.19	-0.98	-2.92	-6.75	-8.76	-4.99	-4.84	-6.48	-11.85	-16.03	-11.13	-8.56	-7.92	-5.95	-2.51	-4.26	-8.62	-15.45	-17.24	-11.54	-4.54	-8.32
θ (165°)	-21.7	-14.41	-6.6	-3.51	-3.17	-3.75	-5.15	-7.32	-10.59	-14.88	-19.86	-19.1	-17.98	-18.13	-12.9	-6.51	-3.72	-4.93	-7.15	-9.65	-19.54	-40.47	-17.28	-15.31	-21.7
θ (180°)	-18.98	-12.67	-8.51	-6.01	-4.82	-3.95	-3.86	-4.59	-6.53	-9.26	-13.32	-23.89	-14.16	-9.75	-7.45	-5.99	-5.05	-4.89	-3.3	-3.52	-4.73	-6.21	-10.17	-16.64	-18.98

Ant.	No.1																										
Freq. (MHz)	5300																										
Polarity	Theta																										
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 (360°)		
θ (0°)	-0.63	-1.32	-2.32	-3.67	-5.31	-5.64	-4.5	-2.77	-1.5	-0.49	0.01	-0.09	-0.81	-2.17	-4.08	-6.1	-9.15	-8.9	-6.26	-3.76	-2.19	-0.75	-0.18	-0.18	-0.63		
θ (15°)	-4.81	-2.67	-1.1	-0.72	-0.61	0.14	0.54	0.39	-0.6	-1.88	-2.41	-3.13	-3.48	-3.46	-3.74	-5.08	-6.98	-10.01	-10.57	-6.28	-3.05	-1.87	-1.79	-3.43	-4.81		
θ (30°)	-0.77	-0.02	0.6	-0.55	0.11	1.14	0.86	-0.16	-2.39	-6.86	-9.97	-9.88	-13.98	-20.86	-17.23	-11.62	-9.02	-8.58	-9.63	-8.68	-4.34	-0.78	1.68	1.34	-0.77		
θ (45°)	-1.52	1.16	-2.2	0.03	3.06	1.25	0.41	0.25	-2.8	-8.51	-12.53	-10.5	-8.91	-9.18	-22.38	-10.83	-5.72	-5.85	-7.51	-11.37	-13.1	-9.92	-7.12	-3.4	-1.52		
θ (60°)	-0.82	2.2	-2.83	-2.46	1.62	-4.42	1.05	0.78	-2.45	-3.09	-5.64	-13.04	-9.77	-10.05	-9.01	-6.36	-6.44	-6.59	-4.97	-8.63	-5.2	-2.39	-1.48	-0.54	-0.82		
θ (75°)	-7.06	-1.87	-4.32	-4.73	-1.19	-1.18	0.42	-1.8	-6.84	-1.38	-3.48	-10.34	-1.86	-5.07	-4.86	0.01	-3.41	-3.79	-4.41	-4.82	-2.77	-2.39	-5.43	-1.67	-7.06		
θ (90°)	-17.33	-9.1	-5.73	-5.75	-0.24	-3.62	0.3	1.78	-2.19	-3.53	-1.72	-4.24	-0.04	-0.5	-3.59	-3.51	-4.18	-11.44	-8.93	-9.3	-1.69	-2.05	-3.52	-7.32	-17.33		
θ (105°)	-16.18	-10.8	-7.22	-1.54	-1.26	-7.72	0.32	2.57	-2.75	-4.56	-1.02	-3.15	-2.54	1.89	-2.58	-2	-12.67	-9.64	-14.76	-18.03	-6.73	-6.05	-7.58	-14.73	-16.18		
θ (120°)	-5.39	-7.04	-18.45	-8.55	-8.48	-5.7	-4.36	-2.96	-1.35	-3.1	0.61	-0.31	[3.12]	1.17	0.67	-1.17	-4.05	-12.33	-19.41	-11.83	-13.95	-18.16	-10.42	-9.47	-5.39		
θ (135°)	-8.65	-9.14	-13.68	-16.07	-12.93	-9.62	-5.33	-5.32	-11.07	-2.12	-2.97	0.43	0.26	0.07	-4.27	-5.59	-19.74	-19.02	-31.77	-17	-18.26	-12.08	-11.95	-16.68	-8.65		
θ (150°)	-7.02	-6.41	-8.07	-10.76	-11.57	-10.85	-8.69	-6.29	-3.23	-3.1	-2.41	-0.44	-1.28	-3.82	-6.91	-10.97	-18.41	-26.18	-21.32	-13.78	-19.78	-17.61	-12.96	-11.39	-7.02		
θ (165°)	-10.66	-8.74	-8.9	-10.94	-12.98	-11.38	-10.13	-10.26	-9.81	-8.12	-6.58	-6.31	-7.99	-12.14	-18.02	-14.95	-16.89	-23.01	-23.84	-19.94	-17.33	-25.38	-23.84	-15.6	-10.66		
θ (180°)	-3.4	-4.04	-5.33	-7.51	-10.6	-15.58	-20.27	-12.93	-7.93	-4.9	-3.59	-2.83	-2.42	-2.75	-4	-6.04	-8.61	-13.81	-19.3	-12.1	-7.72	-5.74	-4.14	-3.35	-3.4		
Polarity	Phi																										
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 (360°)		
θ (0°)	-5.6	-3.73	-2.08	-0.77	-0.08	-0.15	-0.51	-1.45	-3.52	-6.45	-10.16	-10.35	-6.78	-4.04	-2.15	-1.11	-0.62	-0.4	-1.05	-2.07	-4	-6.45	-8.97	-8.77	-5.6		
θ (15°)	-14.63	-7.47	-2.58	0.06	1.03	1.21	0.53	-0.77	-2.64	-4.69	-5.51	-5.33	-5.08	-4.28	-2.94	-1.57	-0.2	0.51	0.85	0.65	0.04	-2.08	-6.09	-11.38	-14.63		
θ (30°)	-13.49	-8.1	-3.19	-1.72	-1.6	-0.63	-0.27	-1.28	-2.24	-2.71	-5.61	-12.4	-12.54	-12.15	-11.56	-10.56	-9.31	-7.24	-5.88	-4.98	-4.81	-4.21	-5.26	-9.06	-13.49		
θ (45°)	-3.24	-0.79	-0.16	-0.4	1.17	[1.60]	0.06	-2.42	-0.89	-0.57	-5.61	-16.11	-10.91	-10.72	-10.96	-17.19	-32.65	-19.69	-12.03	-7.84	-5.56	-5.12	-4.2	-4.39	-3.24		
θ (60°)	-6.78	-2.49	-2.03	1.1	0.68	-0.51	-0.37	-0.27	-0.46	-3.43	-9.57	-20.83	-12.95	-7.58	-8.27	-14.23	-6.38	-4.66	-1.71	-1.1	-3.14	-10.16	-5.88	-5.4	-6.78		
θ (75°)	-14.95	-18.62	-9.35	-5.58	-2.02	0.24	0.85	-1.06	-3.82	-7.31	-12.83	-8.19	-6.87	-9.17	-10.52	-3.95	-2.78	-4.46	-1.54	-0.49	-3.62	-13.29	-17.54	-20.43	-14.95		
θ (90°)	-12.13	-8.26	-6.24	-5.31	-2.16	-1.27	-0.78	-1.45	-4.71	-6.91	-8.75	-3.02	-5.37	-16.01	-13.54	-5.99	-3.78	-4.28	-3.53	-1.4	-5.25	-8.62	-11.45	-16.8	-12.13		
θ (105°)	-16.46	-13.69	-11.31	-16.87	-8.98	-3.82	-5.09	-3.97	-6.77	-8.5	-8.75	-7.51	-7.67	-8.01	-4.96	-10.03	-8.95	-7.13	-8.69	-9.6	-14.24	-8.86	-21.49	-14.75	-16.46		
θ (120°)	-11.8	-12.05	-11.25	-8.42	-6.77	-5.27	-3.62	-3.26	-4.22	-2.94	-3.08	-9.32	-13.7	-11.59	-8.9	-10.18	-6.98	-27.57	-13.41	-7.96	-10.12	-8.09	-16.29	-12.24	-11.8		
θ (135°)	-6.05	-4.49	-4.52	-0.27	-2.02	-3.7	-6.67	-6	-11.05	-6.92	-18.63	-12.51	-11.94	-13.2	-4.18	-4.51	-8.72	-13.9	-10.86	-10.22	-4.24	-6.14	-17.64	-9.88	-6.05		
θ (150°)	-15.38	-8.01	-2.58	-2.2	-2.85	-7.37	-14.3	-10.45	-4.72	-4.32	-5.86	-13.14	-24.72	-18.37	-10.71	-8.01	-7.84	-3.18	-5.41	-8.11	-16.72	-18.67	-8.51	-6	-15.38		
θ (165°)	-21.53	-10.64	-5.86	-4.3	-4.58	-5.72	-7.88	-9.47	-10.63	-12.64	-15.15	-21.62	-32.51	-27.67	-16.17	-7.58	-4.42	-4.78	-6.35	-10.12	-18	-28.75	-17.77	-18.52	-21.53		
θ (180°)	-23.41	-13.86	-8.56	-6.22	-5.05	-4.37	-3.88	-4.62	-5.94	-7.98	-12.61	-23.95	-19.06	-11.22	-7.77	-5.98	-5.55	-3.85	-2.63	-2.83	-3.92	-5.16	-8.72	-15.54	-23.41		

Ant.	No.1																								
Freq. (MHz)	5600																								
Polarity	Theta																								
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 (360°)
θ (0°)	-0.85	-0.99	-1.22	-1.55	-2.29	-2.88	-3.08	-2.72	-2.07	-1.44	-1	-0.58	-0.66	-1.25	-1.88	-2.92	-3.83	-4.51	-3.78	-3.21	-2.39	-1.42	-1.01	-0.75	-0.85
θ (15°)	-2.69	-0.92	0.08	0.69	1.26	0.99	-0.39	-2.29	-4.16	-6.9	-8.51	-8.54	-7.73	-5.72	-4.16	-3.65	-4.51	-6.52	-10.43	-8.11	-5.77	-3.68	-4.13	-4.45	-2.69
θ (30°)	-0.25	-1.93	-2.2	-0.11	1.12	-0.52	-2.88	-4.81	-7.71	-15.29	-8.72	-11.75	-15.22	-8.84	-7.53	-8.79	-6.49	-4.2	-6.07	-7.1	-4.78	-0.66	0.65	0.23	-0.25
θ (45°)	0.08	-0.08	-2.9	0.73	-1.09	-3.55	-1.5	-2.95	-8.04	-21.51	-19.89	-13.8	-20.43	-7.54	-6.13	-7.36	-5.59	-4.2	-7.11	-16.72	-10.99	-10.6	-4.95	-3.33	0.08
θ (60°)	-1.85	0.11	-9.25	-0.4	-2.63	-0.27	1.41	-3.56	-1.83	-4.09	-5.28	-4.66	-7.45	-7.27	-11.01	-13.64	-3.86	-6.75	-4.14	-7.6	-13.79	-5.19	-3.78	-1.86	-1.85
θ (75°)	-4.77	-0.34	-16.03	-2.15	-2.45	-0.13	-5.38	-7.05	0.28	-1.54	-7.94	-3.38	-1.91	-0.89	-5.47	-0.42	-0.39	-7.91	-2.88	-4.82	-4.7	-2.45	-6.67	-2.78	-4.77
θ (90°)	-16.34	-4.18	-3.61	-3.26	-4.23	-2	-0.44	-2.09	-2.09	-0.02	-1.59	-1.77	1.11	2.31	1.13	-2.19	-2.25	-9.87	-4.51	-17.06	-3.45	-2.15	-7.96	-7.68	-16.34
θ (105°)	-15.81	-15.97	-2.56	-0.8	-8.28	-3.28	-0.18	-1.41	-8.21	1.6	1.03	-1.84	1.73	-1.55	0.61	0.4	-3.79	-7.06	-9.83	-24.51	-5.32	-5.19	-13.35	-13.42	-15.81
θ (120°)	-6.76	-8.22	-11.97	-4.08	-9.24	-3.93	-2.47	-6.05	-17.63	0.1	3.09	-0.83	[4.65]	1.66	1.67	0.52	-3.56	-15.83	-22.31	-10.67	-15.98	-16.13	-8.47	-8.06	-6.76
θ (135°)	-9.41	-4.44	-9.5	-15.2	-8.99	-7.5	-5.06	-7.01	-6.25	1.09	0.7	2.17	1.67	0.27	-0.22	-3.82	-11.91	-18.95	-12.76	-24.88	-10.09	-9.42	-7.77	-5.17	-9.41
θ (150°)	-14.37	-13.82	-9.68	-7.98	-7.18	-8.01	-7.32	-7.32	-1.64	-0.25	-2.87	0.08	-1.02	-4	-4.08	-12	-13.97	-14.5	-13.43	-7.93	-13.99	-21.06	-18.81	-12.53	-14.37
θ (165°)	-10.15	-12.1	-12.42	-10.22	-7.35	-6.33	-9.33	-17.76	-13.65	-7.86	-3.66	-2.54	-3.87	-7.53	-14.09	-22.97	-29.35	-20.24	-19.17	-18.65	-11.97	-10.84	-10.68	-9.88	-10.15
θ (180°)	-6.9	-8	-9.64	-12.83	-15.75	-15.63	-12.76	-9.14	-6.66	-4.89	-4.43	-4.62	-5.06	-5.48	-7.02	-9.36	-11.66	-13.16	-11.56	-9.04	-7.23	-6.25	-5.71	-6.03	-6.9
Polarity	Phi																								
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 (360°)
θ (0°)	-3.44	-2.93	-2.15	-1.39	-1	-0.76	-0.94	-1.28	-2.11	-2.99	-3.96	-4.75	-4.56	-3.91	-2.74	-1.62	-0.58	-0.4	-0.56	-1.17	-1.88	-2.57	-3.46	-3.74	-3.44
θ (15°)	-10.38	-3.6	-0.24	0.58	-0.43	-2.48	-3.28	-4.47	-5.65	-7.18	-8.41	-8.01	-7.55	-6.56	-4.76	-2.3	-0.17	0.76	0.66	0.09	-2.38	-6.58	-14.86	-26.89	-10.38
θ (30°)	-11.28	-4.74	-1.22	-1.31	-1.77	-0.47	0.05	-0.69	-1.52	-1.38	-2.79	-7.37	-14.86	-19.86	-16.35	-11.77	-8.34	-4.96	-3.3	-2.88	-2.59	-3.69	-8.66	-15.93	-11.28
θ (45°)	-3.81	-2.06	-1.17	0	0.98	0.11	-1.37	-2.7	-2.14	-1.02	-5.22	-15.25	-9.34	-11.19	-6.23	-6.3	-13.57	-29.88	-16.93	-12.73	-6.58	-4.11	-4.21	-3.8	-3.81
θ (60°)	-4	-4.24	-0.81	0.98	[0.99]	-0.93	-2.57	-2.66	-0.33	-1.03	-5.95	-11.52	-21.19	-8.53	-6.39	-9.34	-4.34	-5.78	-2.92	-2.29	-2.89	-3.51	-4.07	-6.75	-4
θ (75°)	-19.69	-15.12	-5.42	-4.65	0.5	-3.08	-2.85	-1.77	-0.3	-4.78	-11	-11.48	-34.21	-12.27	-7.99	-6.36	-2.35	-4.33	-2.53	-0.41	-2.08	-7.55	-11.36	-19.02	-19.69
θ (90°)	-9.67	-7.21	-14.91	-8.13	-1.72	-0.54	-1.55	-2.45	-4.12	-6.28	-8.92	-7.76	-9.29	-24.44	-16.97	-21.23	-5.19	-2.59	-5.76	-3.56	-4.26	-7.15	-22.04	-18.47	-9.67
θ (105°)	-20.05	-7.52	-23.38	-6.76	-10.38	-4.92	-6.58	-3.66	-7.06	-3.44	-10.09	-12.04	-12.22	-16.82	-7.87	-6.47	-19.34	-12.62	-12.86	-6.39	-12.54	-17.96	-19.79	-18.28	-20.05
θ (120°)	-8.51	-7.81	-25.2	-4.78	-11.13	-3.88	-3.46	-2.36	-4.11	-2.2	-4.26	-14.9	-15.48	-15.88	-7.58	-34.2	-8.96	-8.18	-16.82	-14.01	-17.57	-12.41	-26.81	-10.32	-8.51
θ (135°)	-6.07	-7.9	-5.78	-0.17	-2.06	-4.94	-5.71	-6.73	-4.97	-3.86	-11.96	-9.05	-14.24	-20.91	-8.11	-4.98	-8.1	-10.43	-19.94	-15.82	-9.7	-9.72	-18.16	-6.77	-6.07
θ (150°)	-14.24	-6.7	-4.2	-3.12	-6.07	-21.93	-11.78	-17.41	-7.39	-10.41	-10.86	-7.32	-10.68	-12.13	-7.81	-6.79	-6.79	-2.47	-4.36	-9.53	-22.33	-13.11	-10.03	-12.71	-14.24
θ (165°)	-6.64	-5.08	-4.43	-4.08	-4.62	-8.61	-18.32	-19.17	-18.74	-14.18	-16.12	-27.46	-24.85	-20.44	-24.56	-11.08	-5.12	-3.43	-6.89	-14.21	-15.94	-23.88	-12.65	-9.19	-6.64
θ (180°)	-12.48	-9.43	-7.55	-6.53	-6.77	-7.72	-8.57	-8.87	-10.75	-15.89	-20.52	-15.68	-11.16	-8.38	-6.71	-7.27	-7.31	-6.68	-5.77	-5.94	-6.41	-9.21	-12.69	-16.45	-12.48

Ant.	No.1																								
Freq. (MHz)	5785																								
Polarity	Theta																								
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 (360°)
θ (0°)	-2.81	-1.98	-1.39	-1.05	-1.39	-1.94	-2.63	-3.48	-4.45	-4.65	-4.56	-4.05	-3.72	-3.43	-2.95	-2.89	-2.91	-3.46	-3.76	-3.82	-4.47	-3.96	-4.23	-3.52	-2.81
θ (15°)	-0.93	0.38	1.61	2.42	2.24	0.62	-2.08	-5.8	-11.67	-14.8	-14.19	-14.88	-10.83	-6.15	-3.88	-3.29	-4.79	-7.38	-12.18	-11.27	-8.7	-8.14	-6.16	-3.87	-0.93
θ (30°)	-1.48	-2.35	-0.69	0.17	-0.69	-2.65	-2.95	-3.79	-6.51	-18.06	-10.38	-8.28	-14.66	-14.68	-7.85	-6.58	-7.07	-6.64	-10.26	-23.43	-7.18	-0.64	1.3	0.31	-1.48
θ (45°)	1.54	-0.54	-2.01	-0.42	-3.88	-0.17	0.97	-1.2	-5.48	-16.38	-18.48	-18.48	-21.04	-11.52	-7.9	-5.92	-3.38	-2.77	-7.81	-18.82	-9.3	-3.8	-1.71	-1.25	1.54
θ (60°)	-0.59	1.02	-12.91	-2.33	-6.22	1.34	1.39	-4.41	-1.43	-3.54	-4.92	-5.6	-5.57	-5.59	-4.23	-11.91	-4.56	-3.63	-7.62	-8.87	-9.14	-3.28	-4.31	0.26	-0.59
θ (75°)	-4.57	-0.61	-9.22	-3.49	-2.82	0.48	-6.54	-3	-0.51	-2.61	-4.66	-6.23	-4.36	-0.25	-3.01	-2.55	-0.88	-10.64	-4.15	-5.38	-1.23	-0.04	-4.43	0.14	-4.57
θ (90°)	-12.3	-4.4	-3.21	-10.02	-7.34	-0.93	-1.12	-1.95	-0.83	-2.29	-2.76	-0.08	-3.18	2.74	2.78	-2.92	-0.08	-18.1	-5.31	-11.04	-2.2	-0.76	-6.87	-6.65	-12.3
θ (105°)	-9.09	-9.74	-4.66	-8.2	-15.79	-2.88	-1.33	-2.41	-1.65	-0.33	0.63	1.02	0.81	-0.71	0.21	-1.26	-2.21	-9.65	-13.21	-12.9	-7.54	-6.55	-11.1	-15.91	-9.09
θ (120°)	-5.01	-8.66	-10.72	-4.1	-10.57	-4.65	-4.97	-8.92	-8.47	1.09	0.73	-1.62	[3.73]	1.5	1.23	-1.5	-4.55	-19.74	-26.04	-12.62	-9.41	-15.25	-8.62	-7.07	-5.01
θ (135°)	-8.51	-4.02	-13.76	-10.57	-10.81	-13.68	-11.14	-10.34	-7.34	0.33	1.25	-0.98	1.47	0.62	0.86	-0.93	-7.81	-15.13	-9.07	-16.63	-10.78	-10.18	-8.93	-7.95	-8.51
θ (150°)	-11.65	-12.59	-9.74	-8.36	-8.41	-12.33	-13.81	-8.62	-2.17	0.12	-0.75	0.49	-1.18	-3.56	-2.24	-5.55	-15.91	-18.13	-11.72	-8.52	-16.45	-12.75	-12.12	-11.1	-11.65
θ (165°)	-18.01	-22.91	-19.24	-16.55	-11.01	-9.19	-8.66	-9.51	-7.83	-4.78	-2.27	-1.96	-3.15	-5.4	-10.01	-29.01	-28.31	-28.88	-20.63	-30.44	-24.27	-27.91	-25.23	-17.66	-18.01
θ (180°)	-7.21	-8.51	-10.88	-15.86	-20.08	-19.25	-14.03	-10.11	-8.51	-6.99	-6.32	-6.29	-6.79	-7.57	-8.96	-12.37	-15.55	-16.68	-12.67	-9.53	-7.57	-6.23	-5.83	-6.22	-7.21
Polarity	Phi																								
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 (360°)
θ (0°)	-2.52	-3.46	-4.38	-4.63	-4.47	-3.69	-2.89	-2.36	-2.1	-2.17	-2.47	-2.82	-3.46	-4.02	-4.42	-4.27	-4.11	-3.59	-2.4	-2.08	-1.4	-1.51	-1.61	-1.9	-2.52
θ (15°)	-8.39	-2.86	-1.27	-2.17	-2.92	-1.82	-0.62	-0.62	-1.37	-2.65	-5.27	-7.01	-6.51	-5.17	-3.7	-1.67	0.04	1.03	0.45	-1.06	-3.4	-6.99	-11.28	-23.34	-8.39
θ (30°)	-17.78	-5.65	-2.68	-4.74	-2.95	-1.11	0.04	-0.69	-0.93	0.01	-1.58	-5.69	-12.02	-12.79	-7.94	-4.93	-3.37	-1.18	0.35	0.19	-0.22	-2.46	-10.78	-28.62	-17.78
θ (45°)	-4.01	-2.19	-1.73	-0.26	0.05	-2.64	-3.43	-3.21	-2.6	-3.72	-9.16	-24.09	-12.4	-17.44	-7.72	-4.84	-5.7	-9.07	-11.75	-11.41	-8.72	-7.35	-3.64	-3.05	-4.01
θ (60°)	-4.39	-5.59	-0.68	-1.88	-0.99	-6.48	-4.96	0.16	[2.40]	-0.17	-8.47	-13.23	-19.99	-13.6	-7.97	-10.27	-7.2	-9.14	-3.13	-2.81	-4.09	-3.73	-4.3	-4.85	-4.39
θ (75°)	-10.21	-14.35	-1.84	-3.82	0.82	-2.98	-0.83	-0.86	-0.49	-4.29	-18.11	-7.83	-16.29	-23.94	-8.07	-5.78	-1.37	-4.65	-2.32	-1.95	-2.86	-5.53	-11.85	-13.1	-10.21
θ (90°)	-12.47	-12.54	-14.79	-8.74	-2.54	-1.01	-1.5	-4.6	-5.74	-4.53	-10.7	-11.31	-10.18	-15.96	-29.26	-8.73	-8.49	-2.24	-3.74	-5.04	-4.34	-5.94	-30.03	-12.07	-12.47
θ (105°)	-13.14	-6.02	-16.69	-17.84	-8.42	-6.35	-7.24	-6.77	-9.02	-2.75	-5.62	-11.22	-17.74	-13.35	-11.22	-5.06	-26.09	-8.91	-10.51	-6.01	-9.4	-27.78	-15.81	-13.64	-13.14
θ (120°)	-4.93	-7.89	-17.07	-5.93	-22.3	-7.98	-6.4	-1.73	0.58	0.64	-2.94	-8.38	-20.22	-25.37	-6.25	-11.23	-10.17	-12.01	-14.6	-27.6	-23.95	-13.52	-26.19	-7.13	-4.93
θ (135°)	-5.77	-2.58	-4.27	0.72	-2.61	-6.91	-2.17	-3.65	0.34	-3.01	-6.41	-9.48	-10.2	-13.13	-8.7	-3.32	-5.71	-9.48	-15.06	-11.16	-8.13	-9.36	-15.33	-5.18	-5.77
θ (150°)	-7.53	-5.14	-5.32	-4.19	-6.8	-18.57	-8.45	-11.07	-6.39	-10.6	-13.5	-8.89	-12.61	-14.91	-12.33	-12.4	-9.81	-4.27	-5.71	-7.84	-13.11	-14.8	-12.58	-12.33	-7.53
θ (165°)	-9.47	-8.09	-7.19	-6.38	-5.58	-6.9	-12.76	-17.64	-20.78	-14.4	-15.55	-22.59	-20.53	-17.39	-21.91	-15.67	-6.47	-4.58	-10.1	-12.78	-13	-25.61	-18.55	-13.4	-9.47
θ (180°)	-12.77	-9.68	-7.23	-5.88	-6.21	-7.22	-8.18	-9.83	-11.68	-18.08	-28.68	-18.91	-12.5	-9.28	-8.15	-9.26	-9.12	-9.57	-8.94	-7.36	-9.25	-11.82	-15.7	-17.45	-12.77

Ant.	No.2																												
Freq. (MHz)	5200																												
Polarity	Theta																												
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 (360°)				
θ (0°)	-5.59	-6.38	-6.12	-5.1	-3.45	-2.21	-1.4	-0.84	-0.58	-0.96	-1.81	-3.11	-4.47	-5.57	-5.61	-4.53	-3.25	-1.95	-1.18	-0.99	-0.8	-1.29	-2.46	-3.71	-5.59				
θ (15°)	-7.49	-7.1	-7.39	-7.98	-9.65	-11.81	-11.95	-9.03	-5.56	-4.11	-4.39	-6.4	-8.88	-9.11	-5.62	-2.27	-0.22	0.81	0.8	-0.25	-2.06	-3.95	-6.24	-7.97	-7.49				
θ (30°)	-7.3	-10.14	-12.52	-8.29	-6.77	-8.43	-13.43	-15.49	-12.26	-12.84	-14.62	-13.39	-11.7	-12.33	-11.17	-4.78	-0.76	1.03	1.08	-0.25	-2.63	-4.24	-3.96	-4.82	-7.3				
θ (45°)	-0.05	-3.39	-8.85	-14.12	-14.39	-15.41	-13.15	-9.28	-16.5	-6.28	-3.43	-4.87	-3.4	-4.38	-7.26	-1.28	-0.03	-1.21	-0.82	0.28	-0.85	-1.91	-0.89	0.27	-0.05				
θ (60°)	-8.25	-8.34	-8.66	-9.62	-5	-9.06	-14.74	-5.58	-6.82	-4.99	-2.62	-5.08	-7.4	-6.97	-2.7	0.57	-0.53	-0.73	-2.28	-0.13	-2.26	-7.51	-5.47	-8.12	-8.25				
θ (75°)	-2.94	-7.63	-9.59	-5.76	-4.77	-5.28	-3.54	-5.85	-6.18	-1.34	-2.21	-2.45	-2.43	-1.91	1.09	-2.67	-1.41	-2.49	-1.3	0.23	-5.92	-1.3	-5.04	-2.3	-2.94				
θ (90°)	-3.88	-11.68	-6.4	-7.48	-1.63	-1.27	-0.09	0.25	-3.15	-1.79	0.52	0.45	-0.95	-1.42	0.35	-1.1	-1.56	-2.66	-0.25	-1.47	-0.34	-1.67	-6.4	-0.81	-3.88				
θ (105°)	-8.01	-4.88	0.48	-0.21	1.83	2.36	1.74	3.18	2.24	-2.43	-2.07	-0.63	-3.07	-4.43	-2.63	-3.62	-4.12	-1.63	-4.56	-3.47	-3.98	-7.58	-5.59	-3.88	-8.01				
θ (120°)	-10.58	-7.61	-0.8	-2.31	0.83	2.39	[3.71]	2.74	1.47	-1.29	-2.63	-1.06	-2.19	-2.1	-2.63	-9.27	-7.81	-8.64	-10.3	-12.53	-10.34	-6.91	-14.26	-13.02	-10.58				
θ (135°)	-23.47	-16.37	-6.03	-2.56	-0.52	-1.05	1.35	2.44	-1.29	-0.5	-0.22	-6.46	-13.47	-7.95	-5.25	-4.78	-10.01	-15.56	-19.27	-18.38	-14.23	-16.14	-20.11	-25.35	-23.47				
θ (150°)	-13.99	-21.26	-6.49	-1.59	-0.76	-1.6	-3.72	-2.93	-0.5	1.46	0.23	-6.5	-16.82	-6.88	-6.25	-12.27	-11.81	-9.07	-18.62	-26.08	-17.72	-19.05	-21.58	-14.64	-13.99				
θ (165°)	-14.08	-12.45	-9.6	-7.11	-5.95	-4.7	-3.44	-3.71	-4.64	-6.08	-9.24	-15.86	-12.81	-7.59	-6.2	-7.99	-11.48	-11.19	-10.52	-10.97	-12.03	-16.34	-40.91	-18.53	-14.08				
θ (180°)	-21.76	-19.88	-19.79	-20.77	-23.68	-25.83	-23.26	-19.41	-18.82	-19.88	-19.61	-18.29	-17.76	-18.41	-20.59	-22.18	-22.76	-20.82	-19.13	-20.58	-24.92	-27.74	-28.09	-24.58	-21.76				
Polarity	Phi																												
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 (360°)				
θ (0°)	-1.73	-1.45	-1.46	-1.78	-2.6	-4.02	-5.62	-6.87	-7.43	-5.92	-3.99	-2.41	-1.17	-0.55	-0.39	-0.89	-1.85	-3.41	-5.83	-7.75	-8	-6.81	-4.91	-3.06	-1.73				
θ (15°)	-11.49	-14.19	-15.02	-15.34	-17.39	-15.02	-8.8	-6.21	-5.5	-4.56	-2.62	-0.44	0.83	1.21	0.99	-0.01	-1.83	-4.6	-8.19	-12.09	-12.08	-10.54	-9.72	-9.37	-11.49				
θ (30°)	0.29	-0.57	-3.07	-7.58	-11.23	-13.59	-17.08	-10.31	-7.89	-2.8	1.42	[2.86]	2.69	1.91	0.66	-1.37	-4.61	-9.91	-18.84	-11.93	-9.06	-6.19	-2.24	0.07	0.29				
θ (45°)	-5.38	-2.93	-2.89	-5.56	-11.92	-10.52	-11.23	-15.1	-11.74	-5.16	-0.11	2.43	2.68	1.14	-1.53	-5.89	-9.04	-10.62	-11.54	-14.58	-15.18	-8.65	-9	-10.07	-5.38				
θ (60°)	-0.39	-1.27	-4.22	-5.11	-7.32	-15.01	-13.36	-13.95	-15.2	-5.89	-1.15	0.25	0.33	0.95	0.26	-6.93	-6.23	-5.83	-15.18	-23.42	-11.17	-11.2	-5.41	-1.31	-0.39				
θ (75°)	-8.78	-10.71	-10.08	-15.85	-5.16	-4.5	-13.43	-9.53	-13.33	-6.66	-0.76	1.06	0.83	-0.97	-2.88	-5.66	-2.79	-7.82	-26.96	-12.16	-4.18	-4.81	-1.25	-1.06	-8.78				
θ (90°)	-20.67	-13.28	-8.09	-9.63	-19.03	-11.95	-12.23	-6.55	-20.03	-5.79	-2.41	-1.8	-1.99	-3.74	-3.34	-4.03	-6.85	-11.46	-8.66	-43.28	-7.63	-8.56	-8.55	-6.69	-20.67				
θ (105°)	-16.07	-6.09	-3.53	-6.89	-16.67	-15.02	-10.11	-7.85	-37.25	-7.5	-3.23	0.51	1.38	0.16	-3.48	-5.58	-7.18	-8.96	-27.96	-25.47	-13.06	-15.99	-8.09	-11.84	-16.07				
θ (120°)	-25.96	-11.33	-10.35	-6.45	-6.24	-10.57	-17.45	-8.28	-5.54	-10.16	-18.52	-6.06	-4	-8.16	-5.79	-4.03	-3.62	-14.15	-19.92	-18.55	-9.75	-17.72	-7.04	-7.07	-25.96				
θ (135°)	-9.79	-7.51	-17.84	-13.72	-6.36	-9.78	-16.16	-6.3	-3.5	-2.62	-3.22	-9.06	-10.26	-3.23	-1.34	-2.84	-8.92	-14.01	-15.55	-4.13	-4.05	-25.33	-5.59	-7.37	-9.79				
θ (150°)	-5.33	-4.79	-11.32	-16.78	-8.54	-11.96	-23.14	-6.8	-7.08	-10.56	-6.13	-2.7	-1.55	-1.5	-1.81	-2.61	-6.17	-9.52	-11.45	-9.09	-12.28	-13.2	-11.89	-20.08	-5.33				
θ (165°)	-12.44	-13.85	-11.87	-8.16	-5.79	-5.32	-6.98	-9.11	-12.97	-16.97	-8.67	-5.17	-4.33	-5.91	-8.9	-10.12	-9.92	-10.51	-10.3	-12.28	-16.69	-21.91	-15.67	-13	-12.44				
θ (180°)	-35.71	-33.03	-24.6	-20.23	-18.65	-18.51	-18.38	-20.41	-21.71	-17.77	-17.89	-17.85	-17.06	-16.43	-14.65	-13.09	-13.05	-15	-17.37	-18.61	-21.23	-22.8	-23.58	-31.28	-35.71				

Ant.	No.2																								
Freq. (MHz)	5300																								
Polarity	Theta																								
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 (360°)
θ (0°)	-7.41	-9.4	-8.97	-6.19	-3.95	-2.22	-0.94	-0.45	-0.56	-1.2	-2.29	-4.1	-7.04	-9.91	-9.17	-6.21	-3.65	-2.13	-0.79	-0.17	-0.52	-1.3	-2.31	-4.28	-7.4
θ (15°)	-5.91	-6.98	-8.54	-10.75	-11.86	-11.76	-10.42	-7.48	-5.4	-5.03	-6.28	-9.05	-14.83	-13.37	-7	-2.94	-0.6	0.29	0.3	-0.15	-1.14	-3.02	-4.84	-5.42	-5.91
θ (30°)	-13.67	-14	-9.18	-7.24	-8.13	-13.03	-25.05	-14.74	-9.78	-9.14	-10.49	-9.4	-7.16	-6.63	-6.86	-4.01	-1.56	-0.38	-0.21	-0.77	-2.03	-3.06	-3.86	-5.9	-13.67
θ (45°)	-1.62	-4.26	-8.93	-10.94	-11.4	-21.14	-15.03	-12.35	-12.94	-4.65	-3.83	-3.67	-1.68	-2.12	-5.59	-2.3	-0.23	-0.93	-1.06	0.23	-0.78	-2.18	-1.23	-0.72	-1.62
θ (60°)	-7.94	-8.69	-10.11	-10.35	-4.37	-9.15	-12.23	-5.82	-7.64	-2.83	-2.07	-3.43	-2.96	-3.92	-3.4	-0.03	-0.19	0.08	-0.46	-0.05	-0.9	-6.51	-4.73	-6.22	-7.94
θ (75°)	-4.79	-4.85	-6.94	-7.31	-5.98	-3.73	-4.37	-8.92	-6.52	-2.18	-3.29	-1.11	-0.36	-1.41	-0.24	-2.26	-3.59	-2.11	-4.16	-0.43	-8.52	-2.38	-4.53	-3.61	-4.79
θ (90°)	-3.82	-10.43	-7.83	-9.42	-0.94	-1.55	-1.2	-1.5	-4.44	-1.55	0.25	1.06	0.58	-1.01	-0.38	-1.99	-2.5	-2.66	-0.77	-1.54	-1.21	-1.33	-7.18	-2.2	-3.82
θ (105°)	-7.46	-4.45	-0.58	-0.67	1.33	2.21	2.08	2.52	1.65	-2.61	-2.12	-0.63	-1.58	-5.88	-4.11	-4.45	-4.31	-1.58	-5.37	-4.23	-5.03	-7.29	-5.12	-3.25	-7.46
θ (120°)	-11.55	-7.41	-0.91	-2.45	1.52	1.74	[3.92]	3.08	0.84	-1.89	-2.51	0.02	-0.76	-3.01	-3.51	-8.86	-9.91	-9.11	-9.67	-10.05	-10.6	-5.8	-8.42	-10.98	-11.55
θ (135°)	-17.21	-13.08	-4.41	-2.87	-0.56	-0.53	1.22	2.29	-1.24	-1.26	-0.3	-5.18	-14.1	-10.8	-7.4	-6.1	-9.03	-15.27	-18.11	-17.4	-13.06	-15.51	-14.94	-17.58	-17.21
θ (150°)	-10.35	-14.13	-8.4	-1.55	-0.18	-1.17	-2.21	-1.93	-0.21	1.79	0.95	-3.91	-16.3	-9.6	-6.63	-10.52	-15.44	-10.22	-23.05	-17.03	-12.3	-13.34	-32.19	-13.92	-10.35
θ (165°)	-14.81	-12.61	-10.87	-8.01	-5.48	-4.01	-4.08	-5.19	-6.1	-6.28	-7.37	-12.17	-14.52	-8.61	-6.73	-7.95	-11.64	-12.35	-12.04	-11.81	-11.48	-13.35	-21.6	-26.92	-14.81
θ (180°)	-22.49	-22.1	-21.46	-22.43	-28.34	-36.18	-25.67	-23.62	-20.01	-18.3	-17.91	-18.91	-19.87	-21.15	-24.85	-32.31	-24.65	-19.07	-18.59	-21.2	-23.77	-24.59	-24.17	-24.91	-22.49
Polarity	Phi																								
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 (360°)
θ (0°)	-1.3	-0.91	-0.97	-1.65	-2.95	-4.89	-8.06	-12.22	-10.52	-6.58	-3.59	-1.77	-0.7	-0.15	-0.21	-0.82	-2.25	-4.53	-7.6	-12.15	-12.63	-7.49	-4.1	-2.39	-1.3
θ (15°)	-11.46	-9.17	-7.64	-7.91	-10.7	-12.35	-9.29	-7.69	-7.47	-5.17	-2.08	-0.37	0.43	0.67	0.25	-0.88	-3.23	-7.21	-13.51	-18.44	-16.92	-16.53	-15.92	-14.65	-11.46
θ (30°)	0.04	-1.8	-6.19	-13.98	-15.54	-20.32	-14.31	-8.34	-8.07	-2.94	1.19	[2.92]	2.75	1.43	-0.13	-2.01	-5.39	-12.79	-19.18	-9.98	-8.43	-7	-2.1	0.32	0.04
θ (45°)	-5.93	-2.49	-1.86	-5.24	-11.31	-12.08	-19.79	-11.82	-11.11	-5.8	-0.17	1.65	1.55	-0.16	-2.91	-7.5	-12.94	-12.34	-10	-9.62	-10.65	-5.39	-4.81	-7.08	-5.93
θ (60°)	-1.77	-2.26	-3.15	-4.86	-8.11	-9.1	-15.35	-12.28	-14.38	-3.34	-0.3	0.89	0.29	-0.68	-0.93	-6.23	-11.92	-6.93	-14.41	-31.77	-11.99	-11.29	-9.54	-2.84	-1.77
θ (75°)	-5.63	-6.05	-10.93	-11.07	-3.74	-4.41	-15.55	-8.53	-15.1	-5.03	0.82	1.75	0.75	-1.84	-5.16	-10.44	-4.85	-8.16	-21.02	-13.01	-3.86	-4.38	-3.46	-2.4	-5.63
θ (90°)	-17.66	-16.84	-9.83	-13.72	-18.81	-15.36	-8.11	-7.57	-17.92	-5.05	-3.47	-1.91	-1.82	-4.14	-6.47	-7.29	-7.73	-12.96	-9.82	-37.36	-6.93	-7.68	-9.08	-6.33	-17.66
θ (105°)	-13.19	-6.88	-3.49	-7.33	-13.77	-11.19	-10.11	-7.08	-25.04	-7.99	-2.99	1.69	1.12	-1.18	-4.84	-6.4	-5.68	-5.73	-16.18	-16.3	-11.78	-33.57	-9.66	-8.91	-13.19
θ (120°)	-22.2	-9.56	-7.93	-4.59	-5.49	-9.08	-21.87	-11.39	-4.92	-11.15	-11.18	-4.25	-2.35	-5.26	-7.65	-5.29	-4.36	-15	-16.75	-16.73	-8.13	-14.89	-5.74	-6.36	-22.2
θ (135°)	-10.23	-6.57	-14.48	-10.47	-5.31	-10.24	-21.66	-9.35	-2.84	-2.11	-4.75	-7.61	-8.72	-5.76	-2.89	-4.13	-12.88	-12.03	-21.59	-6.41	-4.15	-21.07	-5.07	-6.07	-10.23
θ (150°)	-6.26	-5.81	-16.44	-12.93	-7.51	-8.12	-23.17	-7.92	-8.66	-10.34	-7.9	-3.91	-3.31	-2.45	-1.83	-2.23	-4.94	-9.84	-20.85	-11.32	-10.04	-9.78	-9.03	-16.22	-6.26
θ (165°)	-10.63	-11.43	-8.87	-6.08	-5.29	-6.17	-7.92	-9.56	-12.21	-17.77	-11.18	-5.71	-3.92	-4.61	-7.3	-10.15	-12.14	-14.31	-13.91	-13.24	-15.62	-25.76	-15.96	-11.31	-10.63
θ (180°)	-25.19	-23.03	-24.83	-22.95	-21.44	-23.36	-22.56	-20.95	-22.83	-25.57	-20.82	-17.78	-18.37	-15.93	-13.1	-11.44	-12.09	-14.57	-16.21	-18.1	-22.17	-25.33	-32.28	-37.03	-25.19

Ant.	No.2																								
Freq. (MHz)	5600																								
Polarity	Theta																								
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 (360°)
θ (0°)	-11.06	-14.84	-11.16	-6.37	-3.43	-1.92	-1.13	-0.74	-0.96	-1.88	-3.31	-5.52	-9.31	-14.59	-11.12	-6.5	-3.7	-1.8	-0.71	-0.37	-0.64	-1.33	-3.05	-5.96	-11.06
θ (15°)	-6.77	-12.86	-21.35	-11.67	-7.37	-5.5	-3.8	-2.72	-3	-5.15	-8.93	-15.12	-24.82	-20.14	-12.46	-7.49	-4.01	-1.64	-0.33	0.1	-0.33	-1.34	-2.23	-3.43	-6.77
θ (30°)	-12.23	-9.63	-8.3	-9.79	-11.15	-13.6	-17.23	-9.52	-7.37	-7.58	-7.12	-7.16	-6.89	-6.63	-7.63	-6.97	-2.18	0.36	0.22	-0.64	-2.75	-5.09	-5.95	-8.78	-12.23
θ (45°)	-0.81	-4.77	-14.64	-18.2	-10.87	-10.41	-21.6	-20.41	-9.84	-5.25	-4.77	-3.9	-1.6	-0.76	-2.18	-3.88	-1.49	-1.85	-2.97	-0.58	0.08	-1.26	-3.74	-2.55	-0.81
θ (60°)	-4.48	-9.46	-15.72	-7.11	-5.14	-13.87	-12.32	-8.92	-8.03	-4.22	-2.7	-4.38	-2.73	-0.9	-2.85	-1.65	-1.19	-3.02	0.24	1.44	1.37	-3.31	-9.43	-4.98	-4.48
θ (75°)	-5.57	-4.58	-5.63	-6.96	-3.73	-7.17	-5.09	-12.68	-6.38	-2.01	-0.09	-0.23	-0.43	-1.53	-1.29	-0.25	-4.4	-2.67	-2.75	-1.07	-4.65	-8.41	-4.51	-6.82	-5.57
θ (90°)	-5.27	-7.32	-10.38	-12.66	-4.42	-2.26	-1.22	-4.61	-6.34	-3.52	-0.45	1.86	-0.18	-0.8	-1.53	-1.13	-3.16	-3.06	-2.81	-1.37	-4.46	-2.8	-4.83	-4.11	-5.27
θ (105°)	-8.62	-3.12	-1.43	-0.34	1.44	1.06	2.67	1.08	-0.6	-2.47	-0.62	-2.67	-2.32	-4.39	-9.95	-5.53	-8.52	-5.4	-3.37	-5.38	-3.2	-12.33	-4.06	-3.89	-8.62
θ (120°)	-19.8	-4.16	0.44	1.35	1.94	2.9	[3.83]	1.86	-0.47	-4	0.34	1.28	-0.91	-2.19	-2.91	-4.67	-23.8	-6.94	-14.15	-9.47	-7.71	-11.19	-5.45	-10.88	-19.8
θ (135°)	-8.13	-6.37	-3.17	-1.31	-0.25	0.86	1.77	1.83	-1.09	-0.49	-2.41	-8.65	-11.99	-14.67	-18.62	-11.56	-8.56	-22.37	-14.61	-11.64	-9.8	-8.88	-8.93	-16.68	-8.13
θ (150°)	-10.67	-12.99	-8.61	-1.54	-0.21	-1.41	-2.79	-3.36	-0.96	1.65	0.7	-3.31	-11.28	-31.4	-11.47	-11.62	-18.86	-12.5	-24.15	-22.09	-15.89	-12.47	-13.33	-25.04	-10.67
θ (165°)	-12.46	-10.22	-10.72	-10.99	-6.92	-4.47	-5.62	-9.11	-7.61	-4.59	-4.81	-9.21	-28.56	-12.41	-8.99	-10.04	-15.39	-13.78	-11.75	-12.65	-12.54	-13.41	-19.16	-26.24	-12.46
θ (180°)	-14.35	-13.19	-12.71	-13.4	-15.86	-20.42	-25.92	-25.82	-19.2	-15.26	-13.73	-12.96	-11.73	-11.11	-11.92	-14.27	-17.21	-18.65	-20.15	-20.41	-20.55	-20.71	-18.96	-16.36	-14.35
Polarity	Phi																								
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 (360°)
θ (0°)	-0.52	-0.42	-0.83	-1.84	-3.78	-7	-12.45	-17.84	-10.8	-5.64	-2.75	-1.28	-0.53	-0.17	-0.41	-1.42	-3.21	-6.36	-12.42	-18.18	-10.38	-5.51	-2.73	-1.23	-0.52
θ (15°)	-2.04	-1.66	-2.6	-5.46	-10.2	-13.03	-11.06	-8.8	-5.21	-2.35	-1.18	-1.1	-1.89	-3.11	-4.11	-4.92	-6.32	-9.77	-16.8	-22.37	-14.06	-8.81	-5.39	-3.63	-2.04
θ (30°)	-5.41	-7.43	-8.83	-8.74	-11	-24.73	-9.94	-12.33	-8.6	-1.53	1.04	1.21	-0.69	-3.42	-7.28	-11.72	-14.83	-19.17	-17.45	-10.72	-7.53	-6.13	-4.27	-3.57	-5.41
θ (45°)	-2.84	-1.83	-6.02	-13.23	-6.38	-13.54	-7.96	-8.87	-18.72	-5.45	0.15	1.48	-0.64	-4.87	-9.09	-13.05	-21.09	-15.16	-9.49	-5.61	-4.45	-3.98	-4.25	-4.8	-2.84
θ (60°)	-3.21	-2.86	-1.79	-2.82	-9.25	-12	-22.07	-10.76	-9.36	-1.65	-6.25	-4.54	-1.41	-2.88	-4.64	-5.53	-15.25	-10.04	-8.74	-17.66	-11.99	-7.96	-6.3	-6.05	-3.21
θ (75°)	-2.28	-4.64	-7.12	-6.94	-4.29	-8.83	-10.47	-21.97	-11.73	-2.98	0.44	[1.90]	0.6	-1.2	-3.17	-11.73	-10.43	-9.87	-13.44	-13.05	-9.7	-6.03	-4.67	-3.28	-2.28
θ (90°)	-12.79	-15.4	-8.74	-12.06	-14.78	-8	-8.85	-12.54	-8.98	-11.07	-2.8	-1.4	-1.44	-2.97	-3.92	-7.96	-9.63	-14.55	-9.74	-17.72	-8.95	-6.69	-5.92	-5.01	-12.79
θ (105°)	-9.74	-11.97	-6.09	-4.18	-7.22	-7.03	-13.78	-14.04	-23.29	-8.29	-0.13	0.9	-2.17	-7.34	-9.17	-12.18	-11.7	-9.08	-12.9	-12.45	-33.39	-23.56	-6.9	-3.16	-9.74
θ (120°)	-12.99	-9.36	-10.99	-8.68	-4.88	-14.55	-12.55	-10.19	-6.62	-26.72	-4.74	-2.81	-1.71	-1.47	-7.51	-6.77	-4.7	-14.55	-10.58	-9.07	-14.06	-24.77	-4.44	-5.27	-12.99
θ (135°)	-10.29	-8.33	-12.03	-6.09	-3.35	-11.5	-21.12	-11.7	-2.2	-6.4	-9.38	-6.45	-8.52	-7.38	-5.24	-7.2	-12.32	-10.4	-12.71	-8.07	-3	-18.15	-6.16	-6.97	-10.29
θ (150°)	-5.11	-6.21	-20.41	-8.64	-3.25	-4.48	-9.7	-8.89	-8.87	-6.9	-7.62	-5.78	-3.11	-1.27	-1.67	-2.85	-3.77	-8.12	-16.57	-11.97	-7.58	-14.32	-10.29	-15.27	-5.11
θ (165°)	-10.49	-11.68	-6.63	-3.1	-2.1	-3.99	-8.5	-10.13	-11.53	-17.6	-10.96	-5.47	-4.23	-4.57	-5.69	-8.07	-11	-22.76	-14.04	-9.82	-10.8	-18.08	-14.42	-9.79	-10.49
θ (180°)	-19.24	-20.06	-21.38	-19.77	-16.32	-15.25	-16.12	-16.17	-13.8	-13.93	-13.5	-14.57	-18.84	-31.36	-14.23	-10.11	-9.08	-9.87	-11.68	-13.83	-15.08	-16.43	-17.75	-16.99	-19.24

Ant.	No.2																									
Freq. (MHz)	5785																									
Polarity	Theta																									
		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 (360°)	
dB	φ (0°)	-13.58	-16.57	-12.63	-7.83	-5.11	-3.69	-2.73	-2.34	-3.66	-5.23	-7.62	-12.57	-18.8	-13.3	-8.41	-5.49	-3.49	-2.41	-2.19	-2.57	-3.05	-4.54	-7.57	-13.58	
θ (0°)		-13.58	-16.57	-12.63	-7.83	-5.11	-3.69	-2.73	-2.34	-3.66	-5.23	-7.62	-12.57	-18.8	-13.3	-8.41	-5.49	-3.49	-2.41	-2.19	-2.57	-3.05	-4.54	-7.57	-13.58	
θ (15°)		-9.66	-19.5	-11.74	-7.67	-5.26	-4.49	-4.61	-5.6	-7.58	-12.14	-22.48	-15.94	-11.66	-11.46	-13.52	-8.7	-3.68	-0.71	0.43	0	-1.51	-3.18	-4.81	-9.66	
θ (30°)		-5.5	-9.49	-14.77	-18.25	-21.59	-27.26	-17	-11.93	-8.67	-5.95	-5.64	-9.26	-9.77	-6.07	-4.5	-5.15	-4.92	-1.37	0.41	0.96	-0.87	-4.63	-4.19	-3.42	-5.5
θ (45°)		-1.93	-4.54	-17.44	-11.95	-11.4	-8.68	-11.88	-12.1	-7.09	-4.48	-6.77	-8.03	-4.8	-1.35	-1.18	-2.91	-1.64	-1.6	-1.97	-0.51	-0.07	0.41	0.29	-0.8	-1.93
θ (60°)		-4.67	-6.85	-9.88	-7.47	-8.4	-14.96	-9.6	-10.23	-10.22	-1.74	-2.63	-10.09	-3.69	-0.08	-2.67	-3.28	-1.25	-2.14	-1.61	0.14	0.63	-1.48	-8.16	-8.19	-4.67
θ (75°)		-3.68	-2.82	-4.44	-4.87	-2.93	-7.33	-7.03	-11.31	-1.46	0.42	-0.27	-1.7	-0.91	-0.68	-1.2	1.14	-2.88	-2.52	-3.83	-0.28	-1.56	-8.18	-7.21	-7.49	-3.68
θ (90°)		-2.62	-6.47	-12.47	-12.21	-2.79	-1.92	-1.46	-4.8	-4.43	0.6	0.25	1.48	-1.04	0.87	1.07	-0.6	-5.99	-2.73	-4.02	-1.26	-5.61	-3.66	-8.12	-3.28	-2.62
θ (105°)		-7.88	-1.74	-0.87	0.05	1.63	0.75	2.97	0.63	-2.17	-2.48	1.52	-1.33	-3.61	-2.74	-7.11	-3.35	-4.53	-6.13	-2.82	-5.65	-1.38	-12.55	-4.54	-4.68	-7.88
θ (120°)		-19.95	-3.71	0.03	1.78	3.17	[3.36]	1.96	1.82	-1.69	1.47	2.05	-0.56	-2.36	-2.79	-3.92	-15.01	-8.18	-10.83	-8.97	-7.27	-17.02	-7.44	-12.38	-19.95	
θ (135°)		-4.93	-3.35	-2.83	-0.69	0.12	1.56	2.4	1.95	0.1	-0.06	-2.84	-9.54	-11.61	-6.59	-7.78	-8.06	-7.84	-22.95	-19	-12.89	-10.6	-8.14	-9.45	-21.45	-4.93
θ (150°)		-11.15	-10.21	-2.44	0.33	-0.02	-1.5	-0.51	-2.58	-2.25	1.16	1.04	-3.17	-10.47	-17.23	-14.79	-16.79	-12.92	-11.69	-19.86	-15.06	-16.37	-18.05	-15.85	-15.61	-11.15
θ (165°)		-9.65	-7.19	-6.62	-7.04	-5.67	-4.14	-5.58	-7	-4.6	-2.83	-3.6	-7.24	-13.91	-9.16	-6.57	-8.25	-15.24	-17.97	-13.73	-12.41	-11.21	-12.92	-23.28	-17.82	-9.65
θ (180°)		-14.85	-13.14	-12.25	-12.61	-14.39	-17.41	-22.7	-26.67	-21.64	-18.2	-14.52	-12.42	-12.06	-12.59	-14.2	-16.38	-17.48	-18.02	-19.26	-20.62	-24.61	-23.86	-20.49	-17.97	-14.85
Polarity	Phi																									
		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 (360°)
dB	φ (0°)	-1.82	-1.66	-1.95	-3.07	-4.81	-7.19	-12.24	-15.97	-11.81	-7.59	-4.83	-3.22	-2.51	-2.07	-2.13	-2.99	-4.87	-7.76	-12.75	-20.48	-12.23	-7.18	-4.24	-2.69	-1.82
θ (0°)		-1.82	-1.66	-1.95	-3.07	-4.81	-7.19	-12.24	-15.97	-11.81	-7.59	-4.83	-3.22	-2.51	-2.07	-2.13	-2.99	-4.87	-7.76	-12.75	-20.48	-12.23	-7.18	-4.24	-2.69	-1.82
θ (15°)		-2.95	-2.28	-2.81	-4.24	-6.11	-8.58	-12.46	-10.79	-6.25	-4.13	-4.52	-5.92	-7.24	-7.45	-6.37	-5.78	-6.45	-9.34	-16.92	-17.87	-9.9	-7.55	-6.76	-5.26	-2.95
θ (30°)		-1.45	-4.4	-8.3	-10.45	-17.5	-11.87	-7.68	-15.72	-8.75	-2.51	-0.82	-0.37	-1.89	-4.47	-5.68	-5.01	-6.57	-12.23	-14.97	-11.26	-7.14	-6.15	-3.32	-0.81	-1.45
θ (45°)		-2.32	-2.32	-5.89	-5.25	-1.56	-12.08	-7.52	-11.07	-12.17	-2.32	0.32	-0.68	-2.18	-4.4	-5.77	-7.01	-9.78	-12.96	-9.97	-4.09	-3.18	-4.09	-3.98	-2.93	-2.32
θ (60°)		-6.41	-4.29	-1.61	-4.57	-14.04	-9.91	-12.98	-17.16	-6.43	-3.95	-10.93	-4.89	-6.27	-8.6	-4.52	-2.5	-7.48	-24.73	-11	-9.91	-12.26	-8.2	-4.7	-3.27	-6.41
θ (75°)		-2.69	-3.56	-5.13	-6.5	-5.02	-11.14	-13.69	-14.02	-8.35	-3.52	0.39	0.1	-3.15	-2.57	-3.29	-11.28	-11.56	-8.3	-23.3	-10.21	-11.67	-5.64	-4.17	-3.45	-2.69
θ (90°)		-11.2	-8.94	-5.07	-12.3	-8.94	-6.75	-7.39	-14.02	-9.76	-10.56	-2.41	1.12	[1.39]	-1.16	-6.69	-5.79	-7.97	-13.6	-13.71	-13.4	-11.82	-4.04	-5.64	-4.52	-11.2
θ (105°)		-13.67	-21.06	-7.42	-2.85	-4.31	-6.94	-15	-18.4	-10.62	-4.24	-1.92	0.55	-4.77	-8.88	-4.99	-7.7	-10.01	-8.75	-12.17	-19.28	-13.94	-16.37	-7.87	-3.55	-13.67
θ (120°)		-13.39	-10.57	-10.25	-10.68	-6.04	-23.46	-9.49	-16.62	-13.18	-14.43	-3.47	-2.66	-1.96	0	-3.18	-7.72	-4.3	-9.64	-16.22	-11.58	-11.21	-16.58	-4.4	-5.57	-13.39
θ (135°)		-14.11	-12.12	-30.31	-8.75	-5.35	-15.57	-11.61	-11.97	-3.54	-8.4	-11.03	-5.8	-9.44	-13.93	-7.67	-7.13	-11.61	-9.34	-11.83	-9.31	-2.49	-11.5	-5.08	-6.14	-14.11
θ (150°)		-5.52	-5.24	-13.54	-7.9	-3.26	-4.59	-8.18	-7.11	-9.19	-6.62	-5.77	-6.08	-2.95	-1.37	-2.33	-2.3	-3.11	-7.95	-14.21	-10.88	-7.84	-12.25	-6.53	-13.41	-5.52
θ (165°)		-8.54	-11.32	-6.25	-2.19	-1.67	-4.5	-8.04	-7.62	-10.34	-18.78	-12.6	-5.31	-3.68	-4.86	-6.36	-7.64	-9.78	-17.81	-15.69	-10.42	-13.26	-21.27	-9.91	-7.17	-8.54
θ (180°)		-18.03	-16.85	-18.67	-18.99	-15.74	-16.87	-18.15	-14.57	-12.31	-12.85	-13.46	-13.71	-18.69	-23.39	-12.2	-9.14	-8.61	-10.36	-13.81	-16.44	-16.64	-16.33	-15.86	-16.6	-18.03

Ant.	No.3																								
Freq. (MHz)	5200																								
Polarity	Theta																								
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 (360°)
θ (0°)	-4.01	-3.53	-3.74	-4.8	-6.11	-8.71	-13.87	-24.85	-18.21	-9.8	-6.23	-4.13	-2.91	-2.56	-2.81	-3.28	-4.88	-7.22	-10.9	-18.68	-24.31	-12.91	-8.22	-5.41	-4.01
θ (15°)	-25.68	-11.75	-6.29	-3.96	-4	-6.57	-11.63	-22.57	-11.3	-5.93	-3.3	-2.59	-2.52	-1.58	-0.27	0.24	-1.23	-4.29	-8.09	-12.01	-15.02	-21.05	-37.39	-25.04	-25.68
θ (30°)	-12.57	-12.39	-17.04	-6.48	-4.7	-6.05	-7.59	-5.88	-5.5	-6.32	-5.34	-3.02	-3.86	-4.7	-0.12	-0.15	-4.65	-8.12	-11.15	-21.31	-10.34	-5.62	-6.11	-13.36	-12.57
θ (45°)	-9.17	-3.37	-6.18	-7.27	-6.66	-4.84	-4.58	-1.6	-2.04	-3.99	-6.41	-2.23	-0.46	0.13	1.3	-5.48	-4.56	-1.65	-5.54	-10.12	-11.8	-8.12	-4.32	-5.49	-9.17
θ (60°)	-3.05	-2.54	-2.03	-4.62	-13.36	-11.64	-5.91	-2.89	0.92	0.31	-2.77	-3.26	2.05	-2.7	-1.28	-10.38	-1.26	-0.62	-1.42	-0.77	0.07	1.39	-0.95	-1.23	-3.05
θ (75°)	-1.3	0.34	-9.93	-9.68	-13.58	-11.47	-9.71	-1.23	1.92	-1.03	-8.22	-0.02	-1.74	-9.25	-16.08	-5.02	-6.51	-4.76	1.72	1.63	0.86	1.01	-2.02	-2.32	-1.3
θ (90°)	-0.51	2.5	-4.21	-3.77	-5.88	-3.68	-6.74	-10.34	-4.24	-2.72	-20.51	-3.57	-4.87	-4.08	-7.99	-4.19	-8.08	-3.07	1.96	1.55	-1.56	-3.19	-5.45	1.47	-0.51
θ (105°)	1.76	-0.62	-20.76	-5	-2.75	-7	-4.49	-11.16	-12.61	-8.57	-18.19	-5.25	-2.62	-6.2	-10.43	-13.27	-9.97	-3.19	2.71	-1.47	-1.55	-2.6	-2.48	[3.27]	1.76
θ (120°)	1.57	1.3	0.65	-10.89	-6.44	-4.97	-9.41	-7.35	-14.47	-10.91	-9.47	-14.17	-3.11	-4.04	-5.71	-9.62	-8.91	-3.12	-1.01	-7.84	-2.58	0.24	1.48	0.67	1.57
θ (135°)	-2.58	-0.25	-3.6	-11.53	-3.89	-2.41	-18.58	-7.38	-14.02	-11.2	-7.16	-5.78	-1.38	-2.16	-10.25	-3.46	-5.79	-11.99	-14.67	-7.55	-7.64	-0.47	1.37	0.94	-2.58
θ (150°)	1.91	-2.87	-20.44	-22.86	-15.86	-10.53	-6.4	-11.77	-14.49	-15.12	-9.76	-17.1	-16.47	-22.79	-16.69	-20.8	-13.31	-9.69	-17.82	-7.34	-7.96	-19.21	-3.87	1.39	1.91
θ (165°)	-6.47	-9.24	-16.8	-24.4	-13.55	-13.86	-40.17	-11.25	-7.42	-9.08	-15.51	-17.19	-13.72	-13	-15.07	-25.61	-19.18	-16.71	-15.06	-13.74	-16.88	-21.23	-10.03	-6.71	-6.47
θ (180°)	-6.86	-7.71	-9.45	-11.95	-14.53	-17.32	-15.37	-11.85	-10.86	-9.6	-7.99	-7.37	-7.76	-8.63	-10.04	-12.56	-16.03	-20.32	-15.86	-11.42	-8.95	-7.85	-7.09	-6.8	-6.86
Polarity	Phi																								
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 (360°)
θ (0°)	-11.92	-17.23	-17.18	-10.48	-7.07	-5.09	-3.49	-2.57	-2.3	-2.74	-3.97	-6.32	-10.23	-16.86	-16.14	-10.12	-6.54	-4.34	-3.28	-2.99	-3.34	-4.12	-5.41	-7.52	-11.92
θ (15°)	-11.72	-14.14	-11.34	-7.02	-3.57	-1.36	0.04	0.93	0.97	-0.18	-2.5	-6.84	-12.52	-11.22	-6.2	-1.98	0.44	1.07	0.19	-1.47	-3.07	-4.27	-5.67	-7.59	-11.72
θ (30°)	-4.66	-7.97	-7.97	-5.78	-4.94	-3.99	-3.75	-4.64	-5.51	-5.39	-4.47	-5.29	-6.28	-4.71	-2.92	-0.25	-0.1	-2.57	-3.72	-4.37	-6.74	-7.57	-4.21	-2.59	-4.66
θ (45°)	-7.45	-7.89	-6.26	-2.66	-1.04	-3.93	-6.09	-6.64	-3.71	-3.96	-6.82	-7.15	-5.81	-4.78	-3.09	-4.26	-7.5	-0.85	0.79	-2.16	-6.71	-4.88	-3.49	-4.32	-7.45
θ (60°)	-18.04	-18.26	-5.44	-2.04	-1.41	-4.06	-3.17	-2.54	-3.13	-3.3	-6.36	-12.51	-14.74	-11.58	-6.66	-3.27	-2.72	-3.07	-5.94	-6.48	-11.09	-5.93	-2.8	-7.5	-18.04
θ (75°)	-7.44	-23.63	-9.87	-5.6	-3.71	-1.39	-0.21	0.69	-1.62	-5.88	-7.1	-17.78	-13.29	-7.66	-3.83	-0.13	-1.22	-2.58	-5.11	-3.9	-7.68	-7.36	-5.39	-3.54	-7.44
θ (90°)	-6.32	-6.81	-9.28	-10.29	-14.76	-4.08	-1.02	-3.84	-3.55	-4.82	-7.34	-30.95	-16.46	-14.37	-9.3	-0.05	0.22	-0.21	-2.36	-1.21	-5.66	-8.8	-5.18	-4.79	-6.32
θ (105°)	-5.04	-6.33	-4.51	-9.25	-4.96	-8.89	-6.11	-2.88	-2.13	-9.05	-15.89	-10.58	-10.2	-10.56	-6.34	-2.56	-2.29	-5.6	-4.18	-3.05	-4.95	-6.89	-12.9	-9.56	-5.04
θ (120°)	-4.51	-26.27	-22.04	-12.88	-17.75	-16.08	-29.94	-11.86	-8.23	-8.32	-12.99	-9.05	-9.16	-16.15	-8.37	-6.17	-2.03	-6.19	-3.03	-1.83	-1.19	-9.63	-12.38	-7.79	-4.51
θ (135°)	-10.93	-2.34	-3.76	-8.77	-7.9	-12.02	-5.19	-5.1	-2.98	-9.19	-24.66	-4.39	-13.46	-11.34	-26.78	-3.84	-4.54	-8.28	-8.73	-5.1	-7.36	-11.17	-7.31	-6.51	-10.93
θ (150°)	-0.67	[1.26]	-0.19	-3.5	-9.74	-18.27	-18.96	-21.81	-9.27	-7.13	-18.24	-14.62	-34.65	-7.82	-5.37	-9.27	-4.52	-6.16	-3.98	-1.4	-5.24	-11.13	-14.82	-10.57	-0.67
θ (165°)	-8.6	-10.15	-20.29	-15.85	-8.49	-6.88	-7.17	-9.27	-17.83	-19.88	-13.78	-15.57	-14.42	-11.39	-9.05	-8.3	-6.41	-4.28	-4.28	-6.78	-10.44	-11.83	-11.37	-10.11	-8.6
θ (180°)	-12.14	-10.87	-9.23	-7.31	-4.71	-3.3	-3.64	-5.36	-7.42	-8.13	-10.38	-13.49	-14.25	-12.16	-9.48	-7.7	-6.4	-6.21	-7.14	-8.46	-10.75	-12.94	-14.75	-14.46	-12.14

Ant.	No.3																										
Freq. (MHz)	5300																										
Polarity	Theta																										
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 (360°)		
θ (0°)	-3.96	-3.6	-3.55	-4.05	-5.58	-7.98	-12.03	-24.37	-15.61	-9.24	-5.73	-3.47	-2.25	-1.65	-1.61	-2.46	-4.01	-6.69	-11.58	-24.04	-16.89	-10.34	-6.95	-5.31	-3.96		
θ (15°)	-26.2	-19.5	-9.54	-6.44	-6.48	-8.74	-14.49	-20.43	-10.66	-5.23	-2.72	-1.72	-1.47	-0.86	0.2	-0.05	-1.81	-5.67	-11.62	-14.23	-13.64	-14.51	-18.42	-22.41	-26.2		
θ (30°)	-11.97	-8.16	-17.62	-9.75	-5.36	-7.55	-12.55	-9.46	-6.83	-6.86	-4.74	-2.65	-3.12	-1.83	1.21	0.07	-4.89	-9.75	-12.53	-28.68	-10.73	-4.44	-3.8	-9.8	-11.97		
θ (45°)	-9.39	-2.44	-3.95	-5.84	-4	-3.36	-4.23	-1.32	-2.35	-5.46	-7.96	-2.2	-0.4	0.84	1.19	-6.89	-4	-2.61	-5.92	-9.81	-8.72	-5.35	-3.14	-4.57	-9.39		
θ (60°)	-1.78	-3.78	-1.99	-4.58	-14.19	-10.72	-4.5	-2.96	0	-1.89	-6	-3.39	1.65	-2.91	-1.94	-7	-1.05	-2.48	-1.89	-2.01	-1.82	1.38	-0.13	-0.94	-1.78		
θ (75°)	-1.92	0.04	-7.78	-5.55	-15.15	-7.39	-7.06	-1.36	2	-0.91	-8.74	-0.14	-3.77	-6.99	-11.14	-5.25	-10.56	-2.79	1.75	0.93	-0.53	1.01	-0.5	-1.06	-1.92		
θ (90°)	1.09	[3.49]	-4.44	-3.56	-5.3	-3.4	-4.36	-7.13	-2.9	-1.45	-16.19	-3.25	-4.32	-3	-6.71	-5.45	-5.32	-1.34	1.98	2.33	-0.46	-1.84	-5.4	1.55	1.09		
θ (105°)	3.28	-1.48	-16.26	-4.79	-1.24	-5.63	-2.94	-8.56	-11.31	-7.02	-14.59	-5.47	-2.69	-6.55	-14.92	-23.45	-9.81	-3.63	2.74	-0.32	-1.59	-1.82	-3.74	2.8	3.28		
θ (120°)	1.66	0.84	0.2	-8.83	-6.1	-5.47	-10.1	-9.38	-16.21	-14.03	-13.53	-13.78	-4.72	-4.67	-8.18	-8.13	-8.26	-5.05	-1.65	-8.42	-5.67	-1.03	1.42	0.43	1.66		
θ (135°)	-3.02	-1.13	-2.39	-16.12	-5.22	-2.46	-13.69	-8.18	-17.89	-17.68	-6.17	-5.68	-2.88	-4.27	-17.03	-4.16	-8.07	-19.3	-18.39	-7.98	-8.38	-0.72	0.77	-0.47	-3.02		
θ (150°)	1.52	-1.75	-11.25	-28.95	-20.11	-10.5	-5.61	-11.5	-17.1	-14.74	-11.37	-22.95	-16.42	-20.11	-14	-30.09	-16.99	-11.76	-21.76	-5.49	-7.3	-20.83	-6.37	-0.32	1.52		
θ (165°)	-5.53	-7.14	-11.18	-18.57	-13.29	-13.11	-23.51	-11.08	-7.34	-9.21	-15.9	-29.5	-19.52	-15.39	-16.67	-20.62	-16.11	-13.38	-10.63	-9.42	-10.44	-17.74	-13.51	-7.38	-5.53		
θ (180°)	-6.64	-8.03	-10.48	-13.48	-16.88	-19.05	-14.79	-11.62	-10.61	-10.29	-8.45	-8.03	-8.31	-9.74	-12.01	-15.38	-17.96	-17.23	-13	-10.25	-8.37	-7.2	-6.73	-6.47	-6.64		
Polarity	Phi																										
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 (360°)		
θ (0°)	-11.94	-18.79	-16.6	-10.16	-6.21	-3.77	-2.53	-2.02	-2.11	-2.71	-4.06	-6.16	-9.82	-17.12	-14.76	-8.32	-5.09	-3.46	-2.6	-2.17	-2.26	-2.96	-4.57	-7.04	-11.94		
θ (15°)	-9.37	-11.99	-13.32	-9.46	-5.87	-3.67	-2.23	-1.24	-0.86	-1.56	-4.04	-8.61	-13.84	-10.96	-6.04	-2.32	-0.2	0.05	-1.34	-3.67	-5.83	-6.24	-6.07	-6.87	-9.37		
θ (30°)	-3.43	-7.37	-9.91	-5.92	-3.59	-4.33	-6.54	-7.49	-6.91	-6.1	-4	-3.88	-6.11	-6.73	-4.84	-2.42	-2.97	-4.28	-3	-3.08	-5.16	-8.4	-4.97	-2	-3.43		
θ (45°)	-4.22	-6.03	-4.25	-2.3	-1.3	-3.5	-6.09	-6.35	-4.25	-6.54	-11.15	-7.72	-4.65	-4.11	-3.56	-6.76	-3.16	0.62	-0.43	-6.85	-17.72	-10.59	-4.14	-3.06	-4.22		
θ (60°)	-13	-18.04	-5.76	-2.44	-0.73	-3.69	-3.42	-1.32	-0.67	-2.61	-10.44	-11.23	-9.03	-8.9	-4.01	-2.15	-0.05	-1.57	-2.33	-1.43	-5.58	-8.82	-4.18	-8.34	-13		
θ (75°)	-4.48	-12.55	-10.51	-10.4	-4.36	-0.97	-0.3	0.92	-1.71	-8.5	-6.62	-17.07	-16.97	-5.92	-4.53	-0.39	-2.95	-2.4	-3.4	-2.44	-10.12	-9.32	-6.37	-4.09	-4.48		
θ (90°)	-5.88	-5.98	-7.84	-9.5	-10.47	-4.84	0.35	-1.06	-3.11	-6.82	-9.33	-26.54	-23.54	-9.87	-6.85	0.16	0.29	-0.37	-4.34	-2.69	-8.4	-9.67	-7.34	-5.96	-5.88		
θ (105°)	-7.62	-6.43	-4.4	-12.38	-7.54	-17.91	-6.79	-3.56	-2.55	-10.23	-11.28	-11.93	-11.58	-14.19	-4.36	-2.61	-2.2	-3.77	-3.86	-1.98	-3.15	-3.41	-11.23	-13.71	-7.62		
θ (120°)	-3.73	-15.34	-15.93	-14.01	-18.67	-20.12	-31.24	-10.06	-7.12	-9.76	-11	-9.87	-9.6	-20.21	-7.9	-5.04	-0.83	-4.93	-3.26	-2.21	-2.02	-9.06	-22.57	-13.08	-3.73		
θ (135°)	-9.98	-4.69	-4.97	-10.27	-9.66	-18.84	-6.65	-4.37	-2.69	-6.16	-18.96	-4.76	-11.98	-14.85	-19.02	-3.98	-5.93	-10.55	-10.69	-3.78	-7.71	-17.44	-10.97	-5.65	-9.98		
θ (150°)	0.1	[2.95]	1.44	-3.02	-8.36	-11.23	-10.45	-12.65	-14.92	-8.59	-18.93	-13.28	-17.87	-9.13	-7.01	-12.93	-6.08	-7.19	-4.23	-1.27	-3.78	-7.47	-9.72	-8.64	0.1		
θ (165°)	-6.36	-6.7	-11.92	-21.13	-9.72	-7.13	-7.19	-9.43	-15.34	-18.91	-14.54	-14.51	-13.48	-10.94	-9.03	-8.51	-6.95	-5.45	-6.21	-8.02	-10.95	-15.15	-12.64	-9.68	-6.36		
θ (180°)	-11.92	-9.95	-8.55	-6.78	-4.55	-3.64	-4.16	-6.21	-8.28	-9.56	-12.17	-16.03	-16.38	-12.39	-9.31	-7.25	-6.14	-6.26	-7.2	-9.04	-10.71	-13.12	-15.07	-13.94	-11.92		

Ant.	No.3																								
Freq. (MHz)	5600																								
Polarity	Theta																								
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 (360°)
θ (0°)	-0.02	0.08	-0.49	-1.74	-3.96	-7.45	-13.62	-18.79	-8.74	-4.62	-2.28	-0.9	-0.07	0.12	-0.38	-1.46	-3.61	-7.29	-13.84	-19.01	-9.64	-4.97	-2.34	-0.73	-0.02
θ (15°)	-9.71	-10.14	-11.62	-10.31	-9.38	-10.71	-18.58	-13.93	-5.97	-3.03	-1.71	-2.06	-2.41	-1.09	0.06	-0.27	-1.96	-5.74	-11.47	-13.02	-9.5	-7.4	-7.37	-8.22	-9.71
θ (30°)	-11.49	-6.69	-7.55	-12.08	-13.26	-28.64	-14.01	-9.65	-10.01	-11.99	-7.89	-4.72	-4.29	-2.85	-2.63	-5.4	-8.65	-8.35	-9.31	-11.7	-11.82	-6.31	-4.95	-9.64	-11.49
θ (45°)	-20.72	-9.02	-12.1	-14.55	-9.71	-13.12	-8.05	-3.07	-3.67	-8.86	-7.99	-2.82	-1.66	-1.14	-5	-6.04	-3.52	-7.01	-4.96	-4.66	-9.11	-6.9	-14.69	-16.75	-20.72
θ (60°)	-0.57	-5.96	-9.53	-5.42	-13.53	-9.51	-8.29	-1.92	0.53	-2.45	-7.12	0.11	-1.3	-4.02	-4.88	-4.31	-4.65	-4.96	-2.38	-0.3	-4.92	-1.66	0.93	-3.12	-0.57
θ (75°)	-0.13	-3.31	-13.15	-13.51	-12.98	-7.69	-2.55	0	1.92	-1.27	-5.95	1.21	-4.32	-5.51	-7.1	-6.33	-3.96	-6.79	-2.94	-1.7	-2.53	-1.41	-0.76	-1.96	-0.13
θ (90°)	1.14	1.25	-6.68	-1.85	-8.02	-14.95	-3.35	-6.67	-3.58	-1.67	-10.48	-2.27	-2.99	-2.69	-5.86	-3.72	-1.83	-8.44	-6.24	-3.09	-6.27	-1.07	-0.49	-0.76	1.14
θ (105°)	[2.00]	-0.47	-6.64	-2.78	0.61	-15.12	-4.06	-8.94	-24.81	-11.09	-9.73	-4.11	-1.37	-4.52	-9.39	-6.6	-5.8	-12.43	0.2	-1.77	-0.93	0.35	-0.43	-2.29	2
θ (120°)	0.8	-5.04	0.27	-9.59	0.81	-2.15	-10.45	-12.42	-21.21	-14.63	-9.56	-13.45	-5.24	-9.48	-8.24	-7.62	-14.81	-14.48	-2.1	-3.11	-1.08	-1.99	-0.69	-0.57	0.8
θ (135°)	-6.38	-3.23	-1.77	-6.67	-4.29	-2.33	-16.88	-6.54	-19.2	-8.12	-2.7	-10.21	-5.29	-16.07	-12.56	-6.57	-9.79	-14.56	-9.74	-2.7	-5.57	-2.04	1.12	-1.45	-6.38
θ (150°)	-2.94	-3.73	-9.64	-17.98	-17.08	-13.97	-8.92	-9.62	-9.03	-32.55	-14.12	-24.12	-13.19	-14.04	-11.04	-15.3	-13.39	-13.88	-12.67	-5.42	-9.29	-12.39	-3.88	-3.46	-2.94
θ (165°)	-6.3	-5.98	-7.52	-13.03	-21.41	-15.65	-17.8	-13.43	-9.76	-10.69	-15.94	-23.39	-30.82	-38.8	-29.88	-21.48	-17.8	-12.57	-8.05	-5.68	-5.41	-7.43	-10.67	-9.67	-6.3
θ (180°)	-5.29	-6.1	-8.28	-11.37	-14.49	-12.08	-8.29	-7.07	-7.76	-7.03	-6.08	-6.16	-7.12	-8.7	-10.87	-12.69	-13.35	-11.91	-9.81	-7.54	-6.01	-4.98	-4.42	-4.4	-5.29
Polarity	Phi																								
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 (360°)
θ (0°)	-26.88	-13.42	-6.5	-3.26	-1.32	0.07	0.77	0.75	0.33	-0.99	-3.28	-7.17	-15.64	-17.61	-8.34	-4.13	-1.77	-0.34	0.36	0.34	-0.35	-1.76	-4.16	-8.68	-26.88
θ (15°)	-18.1	-18.32	-14.52	-9.31	-4.25	-1.18	1.05	2	1.03	-1.53	-6	-12.74	-15.39	-20.49	-13.6	-6.19	-2.33	-0.33	-0.09	-1.14	-3.09	-5.96	-9.64	-12.11	-18.1
θ (30°)	-8.96	-14.79	-27.76	-10.62	-5.05	-6.93	-8.28	-7.14	-10.68	-9.48	-8.34	-7.65	-5.5	-7.84	-6.3	-3.12	-3.42	-2.43	-0.81	-0.72	-1.94	-5.07	-8.47	-7.38	-8.96
θ (45°)	-7.1	-8.87	-3.88	-0.2	-0.55	-2.59	-5.27	-5.13	-6.35	-12.16	-12.37	-6.52	-1.74	-2.96	-5.69	-2.3	-0.61	-1.97	-4.9	-3.28	-3.14	-12.91	-5.96	-4.28	-7.1
θ (60°)	-12.23	-13.18	-5.98	-0.65	-0.01	-2.22	-5.34	-3.95	-4.28	-14.19	-10.41	-14.27	-5.21	-2.99	-6.31	-2.02	-2.7	-3.64	-5.92	-3.58	-3.62	-11.02	-9.26	-8.02	-12.23
θ (75°)	-4.44	-4.71	-7.41	-2.82	-5.68	-4.85	-5.1	-5.67	-8.68	-7.57	-8.51	-10.76	-5.69	-4.88	-5	-3.68	0.01	0.18	-0.26	0.95	-5.06	-9.17	-2.24	-3.08	-4.44
θ (90°)	-10.45	-9.16	-1.95	-3.03	-7.15	-11.75	-1.72	-1.09	-4.63	-11.61	-13.26	-15.04	-12.37	-5.41	-7.21	-5.99	-0.74	-1.59	-6.66	-3.63	-3.15	-5.39	-3.26	-6.12	-10.45
θ (105°)	-11.65	-18.61	-4.64	-4.76	-12.93	-11.29	-7.33	-4.22	-6.63	-24.8	-7.1	-13.84	-16.92	-13.84	-7.78	-4.78	-1.57	-3.56	-12.48	-2.99	-2.5	-4.95	-10.35	-12.81	-11.65
θ (120°)	-13.53	-13.69	-9.87	-18.46	-18.45	-24.77	-20.07	-7.86	-5.39	-13.13	-9.43	-16.56	-9.83	-14.9	-7.46	-7.6	-3.46	-4.3	-12.91	-4.14	0.04	-4.22	-14.71	-22.81	-13.53
θ (135°)	-7.81	-4.68	-5.2	-6.47	-14.72	-10.54	-4.52	-1.43	-4.37	-6.65	-12.93	-13.4	-10.88	-15.98	-12.14	-7.49	-6.51	-8.16	-17.16	-2.25	-1.85	-19.39	-9.21	-4.9	-7.81
θ (150°)	0.18	[2.96]	2.06	-1.76	-3.64	-4.98	-6.77	-6.15	-11.26	-11.54	-16.03	-20.22	-25.12	-13.7	-17.34	-19.65	-6.84	-7.46	-6.88	-2.44	-2.28	-3.97	-3.99	-3.22	0.18
θ (165°)	-4.65	-4.64	-7.35	-11.26	-14.91	-21.75	-12.08	-10.19	-13.19	-41.95	-19.23	-15.41	-13.53	-12.38	-12.96	-15.93	-13.49	-6.52	-2.65	-1.43	-2.57	-5.09	-7.52	-7.19	-4.65
θ (180°)	-9.33	-7.57	-6.34	-5.3	-3.21	-1.94	-2.99	-5.28	-6.92	-8.83	-12.6	-15.32	-13.36	-10.85	-8.05	-6.34	-5.7	-5.82	-6.35	-7.21	-7.99	-9.36	-10.08	-10.42	-9.33

Ant.	No.3																										
Freq. (MHz)	5785																										
Polarity	Theta																										
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 (360°)		
θ (0°)	-1.9	-1.53	-1.64	-2.08	-3.24	-5.73	-10.17	-16.34	-15.76	-10	-5.77	-3.55	-2.01	-1.35	-1.3	-1.91	-3.26	-5.46	-9.3	-17.47	-16.82	-9.03	-5.33	-3.01	-1.9		
θ (15°)	-8.5	-11.84	-12.69	-10.25	-10.36	-13.39	-23.32	-11	-4.72	-2.45	-1.97	-2.46	-2.05	-0.73	-0.12	-1.28	-4.56	-11.67	-19.65	-13.54	-8.64	-6.31	-5.73	-6.16	-8.5		
θ (30°)	-8.44	-8.06	-13.45	-8.97	-8.62	-16.09	-21.3	-20.25	-15.12	-10.3	-6.94	-4.7	-3.7	-2.1	-2.01	-5.47	-7.9	-6.16	-5.68	-7.32	-12.43	-11.78	-11.19	-12.55	-8.44		
θ (45°)	-22.87	-10.9	-7.87	-25.77	-16.72	-10.33	-7.04	-4.12	-5.95	-11.72	-11.74	-1.59	-0.11	-0.43	-3.41	-3.47	-2.5	-5.91	-5.53	-4.32	-7.86	-2.82	-1.86	-6.38	-22.87		
θ (60°)	-2.42	-4.51	-13.47	-4.78	-8.1	-6.57	-4.76	-0.35	0.8	-2.49	-5.4	0.67	-0.97	-1.42	-6.55	-4.47	-2.04	-3.85	-1.56	-0.56	-6.73	-4.45	0.37	0.12	-2.42		
θ (75°)	-2.25	-6.26	-9.29	-4.81	-8.86	-8.59	-4.2	-2.22	1.16	-2.95	-6.68	1.51	-2.06	-6.1	-3.92	-2.71	0.4	-9.22	-12.57	-6.22	-8.84	-3.95	-3.31	-2.24	-2.25		
θ (90°)	[2.93]	-0.35	-7.08	-0.55	-5.23	-7.31	-1.68	-7.32	-6.56	-5.24	-12.76	-1.65	1	-2.35	-1.55	-3.24	1.23	-5.43	-8.94	-1.05	-6.14	-0.7	-0.6	0.76	2.93		
θ (105°)	1.44	-1.48	-8.93	-4.37	0.02	-18.7	-3.39	-11.29	-17.2	-10.78	-12.37	-1.79	0.58	-8.24	-11.38	-3.18	-4.69	-9.29	-0.14	-0.54	-0.29	1.28	-0.66	-0.95	1.44		
θ (120°)	0.12	-4.85	-0.6	-14.38	-0.47	-0.91	-13.1	-11.77	-18.32	-13.55	-9.17	-19.51	-4.17	-5.94	-9.2	-7.04	-11.95	-21.29	-5.75	-3.18	-2.48	-1.93	-1.9	-2.18	0.12		
θ (135°)	-4.84	-5.19	-1.81	-5.56	-4.08	-1.7	-19.26	-6.03	-13.2	-9.79	-3.04	-7.32	-7.37	-12.96	-11.6	-5.88	-18.52	-6.72	-5.91	-2.53	-7.26	-2.44	0.9	-4.1	-4.84		
θ (150°)	-4.66	-2.63	-6.36	-17.99	-16.89	-13.04	-6.27	-10.4	-9.97	-12.36	-14.88	-12.35	-11.59	-11.81	-9.68	-8.58	-10.07	-8.46	-5.77	-2.76	-5.87	-16.28	-5.12	-5.89	-4.66		
θ (165°)	-8.16	-6.58	-7.58	-10.9	-14.25	-23.03	-16.11	-14.31	-13.54	-8.97	-10.04	-16.48	-22.42	-15.83	-12.31	-10.17	-10.1	-9.4	-7.16	-5.18	-4.89	-7.11	-12	-12.35	-8.16		
θ (180°)	-7.59	-8.07	-8.47	-9.7	-10.7	-10.35	-8.6	-8.32	-10.54	-10.06	-8.69	-8.36	-8.56	-9.66	-10.45	-10.76	-10.64	-9.56	-8.94	-7.93	-7.29	-6.98	-7.04	-7.1	-7.59		
Polarity	Phi																										
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 (360°)		
θ (0°)	-12.36	-21.48	-12.25	-6.03	-2.55	-0.86	-0.25	-0.24	-0.45	-1.1	-2.69	-5.04	-8.65	-17.31	-18.5	-9.22	-5.21	-2.81	-1.6	-0.99	-1.12	-1.86	-3.33	-5.87	-12.36		
θ (15°)	-17.14	-22.22	-15.21	-7.85	-3.58	-0.52	0.87	0.94	0.54	-1.53	-4.98	-9.31	-12.59	-9.46	-4.47	-1.64	-0.58	-0.21	-0.33	-0.78	-2.16	-5.11	-9.8	-13.91	-17.14		
θ (30°)	-6.41	-12.76	-17.72	-8.94	-7.66	-9.88	-7.41	-7.61	-8.54	-7.14	-10.03	-9.37	-6.57	-6.51	-2.57	-0.89	-1.73	-1.5	0.25	0.85	-0.36	-3.52	-8.38	-6.59	-6.41		
θ (45°)	-8.26	-16.49	-8.91	-1.59	0.69	-4.26	-8.26	-6.38	-7.86	-14.05	-14.98	-6.44	-2.83	-6.47	-3.87	-1.41	-0.52	-2.09	-4.74	-2.55	-1.49	-6.16	-8.14	-5.18	-8.26		
θ (60°)	-16.87	-17.14	-5.04	-0.58	1.36	-2.42	-6.16	-5.52	-7.78	-13.45	-12.12	-14.42	-6.49	-7.62	-7.57	-1.92	-1.57	0.4	-0.36	1.65	-0.69	-10.31	-4.47	-4.35	-16.87		
θ (75°)	-6.52	-7.38	-6.67	-2.56	-3.24	-2.89	-2.19	-1.32	-5.86	-10.55	-12.1	-12.13	-7	-6.54	-6.94	-2.38	[2.14]	0.8	-1.58	-1.65	-7.41	-9.3	-1.34	-1.11	-6.52		
θ (90°)	-14.97	-8.21	-2.78	-1.98	-5.58	-10.4	-2.4	-3.49	-4.94	-8.83	-12.86	-13.67	-19.39	-8.05	-6.34	-4.01	-0.44	-4.95	-9.22	-8.39	-5.03	-10.13	-4.94	-7.09	-14.97		
θ (105°)	-19.56	-17.18	-4.78	-2.86	-10.35	-17.43	-3.65	-2.25	-5.95	-26	-8.39	-18.63	-11.39	-16.91	-11.71	-5.51	-5.98	-5.49	-7.1	-2.28	-3.2	-5.07	-7.41	-9.83	-19.56		
θ (120°)	-12.49	-5.73	-4.48	-22.12	-19.81	-21.75	-13.76	-13.58	-7.95	-17.34	-9.25	-16.61	-8.36	-29.09	-9.24	-7.33	-4.48	-0.78	-7.32	-1.3	-0.07	-5.85	-9.68	-11.31	-12.49		
θ (135°)	-4.88	-10.61	-5.98	-7.03	-8.12	-21.33	-4.76	-0.16	-2.3	-6.86	-20.05	-11.96	-19.5	-24.92	-11.33	-8.72	-7.24	-5.3	-9.24	-0.3	-2.24	-13.42	-20.5	-5.63	-4.88		
θ (150°)	-1.09	1.74	1.52	-2.81	-3.55	-2.7	-2.76	-4.37	-8.3	-20.36	-18.84	-15.65	-11.34	-14.79	-23.55	-14.51	-8.91	-8.74	-11.07	-3.33	-3.96	-8.93	-6.57	-4.18	-1.09		
θ (165°)	-3.34	-2.59	-3.75	-5.15	-7.34	-13.18	-21.75	-12.5	-8.58	-13.03	-23.8	-14.62	-11.92	-9.5	-10.18	-20.64	-12.98	-6.59	-3.25	-1.68	-2.5	-4.73	-6.03	-5.57	-3.34		
θ (180°)	-6.89	-6.85	-7.17	-7.44	-5.69	-4.21	-4.77	-6.43	-7.43	-8.01	-10.2	-12.74	-14.53	-12.36	-9.61	-8.4	-7.75	-8.24	-9.04	-8.89	-8.02	-7.58	-7.39	-6.91	-6.89		

Ant.	No.0																								
Freq. (MHz)	5600																								
Polarity	Theta																								
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 (360°)
θ (0°)	-8.68	-7.51	-6.89	-6.45	-6.09	-6.76	-7.14	-7.11	-7.62	-7.76	-7.41	-7.28	-6.62	-6.37	-6.52	-6.01	-5.8	-6.71	-7.4	-8.26	-9.38	-10.42	-10.14	-9.36	-8.68
θ (15°)	-20.33	-24.61	-20.17	-17.33	-14.25	-10.06	-7.24	-6.31	-6.41	-7.06	-9.43	-13.29	-15.45	-14.86	-11.41	-8.86	-6.96	-4.96	-4.47	-5.22	-6.66	-9.02	-10.82	-11.77	-20.33
θ (30°)	-6.24	-9.03	-17.03	-22.86	-20.32	-30.35	-26.42	-18.48	-9.95	-7.15	-7.64	-8.81	-7.32	-3.26	-0.7	0.5	-0.75	-1.98	-1.22	-1.1	-1.98	-4.61	-6.33	-5.11	-6.24
θ (45°)	-3.67	-6.4	-7.11	-9.92	-11.77	-14.12	-8.91	-6.02	-7.37	-14.51	-26.1	-15.25	-7.82	-4.26	-2.74	-3.3	-2.74	-1.46	-1.89	-0.55	-0.88	-3.09	-3.39	-2.36	-3.67
θ (60°)	-5.6	-3.68	-2.29	-1.21	-0.26	-7.6	-9.61	-6.97	-4.16	-3.22	-4.01	-3.95	-7.76	-1.27	0.85	-1.54	-1.63	-2.76	-2.12	-0.71	-0.11	-0.99	-0.19	-1.71	-5.6
θ (75°)	-6.1	0.38	2.41	0.64	-3.25	-9.16	-10.17	-4.86	-5.82	-7.5	-7.18	-13.59	-10.65	-2.22	-2.36	-5.47	-1.57	-0.17	-0.33	-3.35	-0.28	-1.63	-0.28	-2.11	-6.1
θ (90°)	-2.29	2.52	[2.77]	-3.85	-7.65	-6.56	-5.13	-2.23	-7.16	-1.25	-0.54	-6.84	-13.44	-5.39	0.91	-2.81	-5.97	-3.15	-0.38	-3.34	-3.54	-0.74	0.15	-3.27	-2.29
θ (105°)	-3.1	1.32	2.36	-1.26	-1	0.09	-2.27	-1.94	-2.52	0.88	-5.84	-4.58	-17	-1.8	-0.81	-7.34	-9.05	-9.75	-3.83	-4.84	-4.34	-4.65	-3.69	-9.37	-3.1
θ (120°)	-1.86	0.56	-0.31	-0.12	1.09	-0.23	-3.19	0.16	0.98	0.56	-5.14	-0.59	-7.34	-4.79	-3.99	-11.66	-19.11	-8.27	-7.29	-8.85	-0.63	0.04	-0.61	-3.12	-1.86
θ (135°)	-0.82	-0.75	-9.31	-2.97	2.43	1.1	-0.05	-0.75	-2	-0.78	-4.78	-4.03	-12.85	-8.03	-16.8	-6.03	-16.89	-11.51	-9	-12.06	-7.84	-4.93	-5.34	-12.85	-0.82
θ (150°)	-9.95	-4.55	-0.73	0.49	-1.34	-1.48	-2	-2.54	-4.61	-6.97	-19.36	-8.72	-11.84	-11.45	-30.31	-8.89	-10.01	-17.44	-15.17	-9.34	-11.75	-20.82	-14.27	-19.34	-9.95
θ (165°)	-12.59	-10.46	-6.18	-3.62	-2.74	-3.65	-5.7	-7.82	-11.87	-22.75	-16.71	-13.55	-12.76	-12.72	-24.47	-16.09	-11.99	-11.65	-8.47	-8.05	-11.54	-13.9	-16.05	-16.16	-12.59
θ (180°)	-15.84	-19.61	-22.5	-29.27	-24.26	-17.51	-14.79	-12.37	-11.67	-11.66	-13.14	-14.73	-18.83	-22.93	-37.26	-24.79	-23.25	-17.07	-16.21	-15.55	-13.93	-12.25	-11.78	-12.51	-15.84
Polarity	Phi																								
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 (360°)
θ (0°)	-6.79	-7.37	-8.33	-8.87	-8.08	-6.76	-5.59	-5.67	-5.74	-5.52	-5.83	-5.89	-6.19	-6.74	-6.8	-7.05	-7.13	-6.46	-5.9	-5.43	-5.21	-4.98	-5.15	-5.9	-6.79
θ (15°)	-4.48	-5.67	-7.37	-8.5	-8.52	-9.73	-12.18	-13.99	-12.01	-9.99	-7.42	-6.09	-5.63	-5.22	-5.53	-6.91	-9.29	-12.73	-11.69	-8.64	-5.93	-4.38	-3.96	-3.68	-4.48
θ (30°)	-1.44	-1.95	-4.3	-9.5	-9.87	-9.46	-14.62	-32.29	-12.42	-5.7	-3.95	-3.47	-1.48	-1.68	-6	-25.49	-13.63	-12.49	-24.43	-15.39	-13.4	-7.59	-4.3	-2.42	-1.44
θ (45°)	-1.22	-2.59	-8.57	-20.8	-13.62	-12.5	-13.94	-17.65	-11.84	-6.29	-3.96	-2.73	-3.02	-6.82	-13.38	-17.3	-13.69	-20.23	-13.85	-7.62	-10.74	-7.35	-3.9	-2.3	-1.22
θ (60°)	-0.83	-3.69	-8.78	-7.02	-5.29	-14.93	-17.56	-16.26	-9.58	-8.83	-6.65	-7.04	-7.18	-3.53	-4.56	-8.81	-9.23	-9.08	-15.04	-8.5	-10.43	-8.81	-5.21	[-0.57]	-0.83
θ (75°)	-2.16	-9.63	-5.4	-2.59	-9.83	-17.1	-19.16	-7.51	-7.3	-10.63	-12.54	-12.6	-13.1	-7.89	-11.55	-14.89	-8.51	-6.8	-9.8	-6.69	-7.12	-12.36	-9.77	-4.85	-2.16
θ (90°)	-7.2	-7.76	-5.34	-2.29	-11.62	-13.88	-17.35	-17.89	-12.91	-8.13	-10.45	-8.27	-8.42	-7.38	-6.34	-6.47	-7.75	-19.16	-14.95	-14.66	-8.57	-7.29	-6	-6.74	-7.2
θ (105°)	-6.15	-4.76	-5.01	-5.57	-5.99	-18.41	-14.68	-11.21	-5.88	-9.12	-11.81	-15.52	-7.91	-5.77	-9.95	-8.32	-6.36	-20.96	-17.23	-24.06	-10.15	-14.44	-6.03	-5.33	-6.15
θ (120°)	-9.52	-5.91	-2.66	-4.5	-5.77	-23.81	-11.69	-13.36	-5.19	-4.95	-7.51	-13.23	-9.65	-12.76	-10.13	-13.41	-11.12	-12.91	-15.11	-15.45	-8.05	-12.74	-5.68	-6.02	-9.52
θ (135°)	-4.03	-6.86	-6.1	-8.52	-20.61	-21.39	-7.44	-9.52	-3.86	-10.39	-13.64	-13.88	-13.8	-13.86	-16.01	-13.82	-11.75	-14.69	-26.19	-6.38	-10.66	-4.61	-3.49	-5.77	-4.03
θ (150°)	-10.22	-9.67	-7.67	-3.43	-3.34	-12.12	-11.37	-13.08	-7.63	-3.81	-1.54	-6.09	-6.72	-4.34	-10.98	-27.55	-13.24	-15.22	-6.59	-4.64	-3.91	-3.17	-3.64	-4	-10.22
θ (165°)	-5.8	-3.49	-2.52	-3.13	-6.16	-10.69	-10.26	-7.42	-5.43	-5.88	-9.75	-25.38	-18.94	-24.26	-27.87	-33.02	-19.95	-21.98	-17.97	-10.23	-10.2	-11.21	-9.02	-8.55	-5.8
θ (180°)	-13.66	-12.48	-11.73	-10.87	-10.01	-11.76	-12.93	-13.83	-15.45	-16.08	-19.07	-19.52	-12.41	-11.16	-12.38	-12.86	-13.9	-16.18	-15.41	-14.54	-15.03	-19.82	-42.04	-21.87	-13.66

Ant.	No.0																								
Freq. (MHz)	5785																								
Polarity	Theta																								
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 (360°)
θ (0°)	-9.5	-7.58	-6.49	-6.11	-6.82	-7.57	-8.56	-11.2	-15.93	-18.17	-12.81	-9	-6.41	-4.57	-4.57	-4.34	-4.53	-6.68	-8.42	-10.96	-17.59	-24.51	-16.06	-11.6	-9.5
θ (15°)	-11.66	-18.7	-27.08	-20.5	-38.54	-17.55	-12.02	-8.82	-7.75	-8.28	-9.8	-11.4	-11.69	-11.07	-8.72	-6.49	-3.93	-1.94	-2.13	-4.22	-6.89	-7.54	-7.21	-7.33	-11.66
θ (30°)	-4.98	-7.82	-13.77	-17.26	-13.96	-16.01	-20.87	-14.34	-8.95	-6.23	-4.36	-5.16	-3.87	0.02	1.61	0.79	-3.93	-3.01	0.3	0.92	-1.62	-3.49	-1.51	-2.14	-4.98
θ (45°)	-8.86	-7.69	-7.43	-6.21	-6.35	-19.07	-11.15	-8.65	-10.94	-16.36	-12.62	-14.02	-12.18	-2.28	-0.12	-1.01	-2.79	-2.43	-1.04	-1.27	-1.28	-1.04	0.15	-0.95	-8.86
θ (60°)	-5.68	-1.67	-1.19	-2.73	-1.55	-6.88	-14.65	-8.53	-5.11	-3.64	-2.7	-2.37	-4.92	-2.44	0.37	-0.53	-1.3	-0.47	-2.85	0.68	0.05	-2.15	-0.71	-1.25	-5.68
θ (75°)	-1.65	-0.24	0.81	0.02	-2.66	-6.58	-5.7	-5.32	-5.45	-4.47	-5.1	-5.85	-11	-3.69	-2.71	-3.23	-4.21	1.34	0.47	-1.27	1.1	-0.55	1.39	-1.28	-1.65
θ (90°)	-2.34	1.24	2.66	-2.49	-4.59	-3.54	-4.89	-1.46	-6.26	-1.54	-0.07	-8.54	-5.93	-2.74	1.07	-4.7	-2.67	-2.15	1.57	-5.31	-1.01	1.32	1.42	-3.39	-2.34
θ (105°)	-2.97	2.08	3.05	-1.93	-6.41	1.01	-0.39	-0.68	-3.16	-0.32	-4.69	-3.14	-19.95	-1.06	-0.4	-10.62	-4.57	-5.63	-2.07	-6.3	-5.1	0.56	-2.59	-17.94	-2.97
θ (120°)	-2.34	1.06	-0.84	-1.72	-0.28	1.48	-2.95	-0.25	1.2	-0.45	-3.01	-0.5	-5.45	-8.48	-6.2	-11.27	-11.17	-7.75	-6.67	-7.06	-1.5	-3.94	-3.5	-5.7	-2.34
θ (135°)	-0.78	-0.81	-6.46	0.84	[4.04]	1.48	0.35	0.86	-0.69	-1.91	-5.71	-4.36	-10.26	-9.3	-15.36	-6.69	-21.33	-10.53	-7.33	-15.44	-6.52	-4.65	-5.67	-15.9	-0.78
θ (150°)	-4.29	-0.8	0.42	-0.17	0.5	1.08	-0.22	-2.27	-5.07	-5.47	-10.34	-13.23	-10.86	-12.68	-26.47	-10.16	-13.28	-23.67	-16.27	-9.55	-10.75	-25.6	-24.6	-17.39	-4.29
θ (165°)	-15.93	-8.42	-3.24	-1.07	-0.83	-1.39	-4.03	-7.03	-10.96	-20.35	-21.62	-12.96	-10.9	-13.53	-33.84	-10.84	-9.76	-13.03	-8.7	-7.33	-10.92	-19.05	-32.38	-17.99	-15.93
θ (180°)	-12.75	-15.32	-20.1	-29.24	-22.23	-14.99	-11	-9.66	-9.08	-9.1	-10.53	-13.56	-15.46	-22.42	-23.42	-17.39	-15.14	-12.26	-11.91	-11.34	-10.6	-9.5	-9.41	-10.64	-12.75
Polarity	Phi																								
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 (360°)
θ (0°)	-9.09	-12.16	-20.14	-23.99	-14.47	-9.34	-6.07	-4.34	-3.31	-3.37	-3.79	-4.8	-7.1	-11.09	-16.93	-18.87	-12.68	-9.1	-6.98	-5.43	-4.52	-4.87	-5.96	-7.27	-9.09
θ (15°)	-6.66	-8.05	-11.32	-14.43	-13.46	-10.16	-10.86	-11.4	-6.93	-4.03	-3.35	-4.41	-5.94	-6.54	-6.72	-6.78	-7.52	-7.88	-6.06	-3.96	-2.94	-2.9	-3.53	-4.7	-6.66
θ (30°)	-7.03	-6.21	-7.37	-14.05	-10.9	-6.56	-9.38	-11.02	-13.13	-17.11	-6.46	-3.58	-3.69	-5.25	-10.12	-15.27	-7.5	-8.18	-13.22	-9.57	-5.84	-6.67	-7.61	-7.89	-7.03
θ (45°)	-6.38	-4.35	-4.84	-11.63	-14.05	-10.71	-9.8	-7.99	-13.03	-7.92	-2.68	-1.67	-1.86	-5.52	-26.5	-10.41	-9.77	-18.71	-15.07	-12.48	-11.01	-8.69	-13.06	-11.41	-6.38
θ (60°)	-1.72	-2.5	-7.94	-11.75	-4.45	-7.79	-23.87	-14.38	-9.87	-15.29	-8.18	-6.14	-3.41	-2.88	-3.29	-13.07	-6.04	-8.5	-12.45	-12.4	-14.71	-12.26	-5.75	-2.2	-1.72
θ (75°)	-2.03	-9.51	-9.09	-3.23	-4.33	-18.2	-14.82	-9.78	-9.49	-8.87	-9.31	-15.23	-12.44	-7.65	-10.07	-11.89	-2	-3.88	-6.68	-4.91	-11.72	-12.91	-5.39	-1.24	-2.03
θ (90°)	-8.4	-12.1	-5.13	[-0.40]	-10.04	-11.33	-18.7	-14.52	-10.98	-7.73	-5.83	-10.51	-3.82	-7.03	-6.8	-7.89	-6.81	-11.29	-27.91	-9.51	-4.94	-6.58	-6.39	-4.92	-8.4
θ (105°)	-3.49	-5.84	-5.38	-7.22	-5.4	-12.11	-15.02	-10.35	-8.88	-6.21	-8.72	-8.51	-5.97	-4.76	-11.75	-7.77	-3.43	-15.36	-21.93	-8.64	-3.01	-9.18	-3.89	-2.34	-3.49
θ (120°)	-8	-7.63	-2.51	-6.59	-8.44	-10.96	-11.64	-13.01	-3.82	-3.86	-9.91	-9.23	-11.1	-11.68	-6.2	-12.02	-5.95	-11.03	-22.24	-13.47	-16.55	-7.38	-8.87	-10.05	-8
θ (135°)	-3.13	-6.67	-11.01	-4.78	-14.1	-23.57	-6.22	-7.5	-2.56	-6.62	-12.29	-13.12	-9.65	-14.75	-9.03	-12.28	-8.27	-24.32	-17.12	-6.12	-9.98	-4.47	-3.43	-7.05	-3.13
θ (150°)	-12.61	-13.21	-5.8	-0.64	-3.63	-11.24	-10.27	-15.29	-10.89	-5.47	-2.57	-6.3	-8.35	-6.5	-17.2	-14.9	-16.66	-22.86	-10.52	-7.84	-5.27	-5.03	-5.24	-4.48	-12.61
θ (165°)	-3.48	-1.29	-1.33	-3.32	-5.77	-12.58	-17.37	-11.6	-9.56	-9.22	-11.09	-17.41	-15.67	-14.29	-17.08	-23.2	-15.1	-12.26	-34.06	-10.7	-7.52	-8.23	-8.45	-8.13	-3.48
θ (180°)	-10.97	-9.37	-8.37	-8.55	-8.02	-9.71	-10.8	-10.88	-10.84	-10.82	-13.33	-18.01	-11.49	-10.27	-10.33	-9.86	-14.25	-15.62	-15.18	-14.7	-16.13	-18.89	-20.18	-15.92	-10.97

Ant.	No.1																								
Freq. (MHz)	5600																								
Polarity	Theta																								
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 (360°)
θ (0°)	-4.07	-4.74	-5.54	-6.76	-8.35	-10.17	-10.29	-8.03	-5.9	-4.61	-3.38	-3.12	-3.7	-4.63	-6.24	-7.8	-10.36	-12.3	-10.19	-7.93	-6.43	-4.72	-4.07	-3.77	-4.07
θ (15°)	-3.53	-5.85	-8.75	-9.97	-9.57	-10.06	-14.62	-20.4	-10.86	-6.16	-3.49	-2.16	-2.65	-4.17	-5.67	-5.15	-4.63	-5.46	-7.08	-8.3	-6.86	-4.54	-3.18	-2.89	-3.53
θ (30°)	-3.56	-3.73	-8.77	-27.95	-11.94	-11.66	-11.83	-6.87	-2.95	-1.69	-1.68	-0.95	-0.78	-2.12	-2.69	-2.31	-3.48	-6.53	-10.27	-12.31	-12.32	-8.81	-6.97	-6.03	-3.56
θ (45°)	-9.15	-9	-13.68	-8.15	-6.16	-9.69	-4.16	-0.76	0.32	0.86	2.56	1.3	0.03	-1.57	-3.95	-1.57	-2.66	-5.89	-7.87	-8.83	-7.32	-7.3	-9.99	-12.46	-9.15
θ (60°)	-10.39	-5.44	-7.43	-14.7	-5.69	-8.04	-5.53	-3.37	-3.43	-0.39	[2.65]	0.76	0.51	-0.53	-0.61	-1.78	-1.69	-2.68	-4.62	-7.45	-10.77	-15.79	-9.06	-7.05	-10.39
θ (75°)	-2.95	-2.01	-2.91	-2.05	-1.21	-2.03	-8.96	-2.94	0.93	0.6	-1.73	-1.78	-2.16	-3.85	-4.91	-0.18	-1.81	-5.15	-8.86	-6.13	-3.52	-5.86	-10.6	-3.85	-2.95
θ (90°)	-5.8	-0.88	-6.94	-2.78	-0.11	-1.21	-8.44	-4.7	0.39	-2.32	-8.43	-2.57	-2.94	-3.03	0.09	0.01	-2.23	-0.83	-3.86	-10.47	-9.67	-4.68	-8.8	-7.11	-5.8
θ (105°)	-3.24	-0.09	0.86	-12.15	-3.08	-1.26	-3.74	-6.35	-6.3	-9.52	-7.09	-6.52	-2.71	-3.62	-1.17	-8.01	0.55	-0.14	-5.28	-10.07	-9.69	-6.13	-8.91	-2.82	-3.24
θ (120°)	-1.49	-0.25	1.87	-1.55	-3.36	-1.83	-2.37	-3.84	-8.92	-10.03	-6.19	-4.85	-4.29	-29.43	-11.72	-11.64	-5.96	-6.12	-6.64	-7.56	-8.54	-6.67	-6.68	-2.21	-1.49
θ (135°)	1.25	-1.82	-0.28	-5.99	1.21	-1.86	-7.3	-7.04	-6.35	-7.53	-18.16	-13.95	-7.15	-10.84	-9.43	-8.75	-12.31	-9.02	-8.21	-12.49	-5.9	-4.61	-4.28	-3.02	1.25
θ (150°)	-6.77	-4.59	-12.39	-5.02	-4.63	-7.95	-7.45	-12.38	-27.88	-19.83	-22.05	-20.63	-13.04	-17.25	-25.2	-15.66	-12.82	-14.23	-18.35	-14.1	-11.32	-8.46	-5.32	-6.27	-6.77
θ (165°)	-4.41	-2.19	-2.94	-6.2	-8.36	-8.21	-10.66	-11.58	-9.26	-8.45	-8.95	-11.47	-13.97	-17.2	-26.15	-16.97	-14.04	-17.55	-25.99	-26.35	-25.07	-14.77	-12.97	-10.2	-4.41
θ (180°)	-10.82	-9.4	-8.71	-8.7	-9.54	-10.94	-14.12	-18.22	-26.58	-22.26	-15.89	-10.42	-7.89	-7.13	-7.76	-8.41	-9.1	-9.76	-11.79	-16.53	-28.47	-24.97	-17.56	-14.1	-10.82
Polarity	Phi																								
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 (360°)
θ (0°)	-9.72	-7.99	-6.1	-4.71	-3.47	-3.11	-3.21	-4.06	-5.18	-7.59	-10.13	-11	-9.83	-7.71	-5.57	-4.16	-3.61	-3.6	-3.97	-4.75	-6.15	-8.14	-10.65	-11.57	-9.72
θ (15°)	-9.33	-6.5	-4.89	-3.99	-3.4	-3.21	-2.31	-1.19	-0.92	-1.46	-3.81	-9.44	-16.96	-8.18	-5.76	-5.31	-5.02	-3.99	-3.65	-3.49	-4.22	-7.15	-13.01	-15.72	-9.33
θ (30°)	-22.5	-11.18	-7.54	-5.76	-4.4	-3.08	-1.5	0.04	-0.21	-0.96	-2.21	-7.13	-16.68	-18.19	-7.77	-4.34	-5.35	-10.18	-10.39	-4.63	-1.25	-1.65	-5.27	-14.98	-22.5
θ (45°)	-9.88	-21.24	-10.96	-5.31	-1.77	-1.98	-1.46	[0.25]	-0.85	-4.85	-8.71	-12.59	-6.57	-2	-2.63	-5.2	-1.58	-0.75	-2.67	-4.72	-3.82	-4	-9.48	-16.4	-9.88
θ (60°)	-6.67	-6.38	-13.24	-7.02	-3.4	-2.65	-2.95	-2.31	-2.53	-9.86	-10.39	-11.67	-15.21	-2.68	-6.63	-1.65	-0.2	-1.65	-2.53	-0.76	-2.19	-7.58	-9.97	-10.88	-6.67
θ (75°)	-6.38	-6.65	-5.89	-4.38	-3.26	-3.29	-5.79	-4.09	-3.07	-7.76	-6.53	-19.57	-9.15	-9.76	-5.67	-2.58	-2.54	-4.4	-7.88	-2.06	-1.07	-7.68	-21.61	-9.21	-6.38
θ (90°)	-12.72	-22.26	-7.77	-7.16	-7.05	-2.75	-1.87	-2.35	-3.17	-7.31	-11.42	-16.91	-13.44	-9.44	-12.36	-5.47	-1.33	-5.02	-7.99	-10.69	-8.33	-6.53	-8.23	-15.26	-12.72
θ (105°)	-3.32	-11.69	-5.88	-4.14	-1.99	-0.73	-1.57	-1.81	-6.92	-9.05	-15.3	-14.11	-12.69	-16.36	-3.91	-0.27	-1.63	-5.57	-2.8	-3.96	-10.85	-7.16	-6.15	-4.97	-3.32
θ (120°)	-7.22	-10.59	-15.41	-9.63	-6.06	-2.29	-4.15	-8.47	-5.68	-8.32	-13.03	-17.79	-12.9	-26.13	-10.54	-3.62	-3	-8.43	-8.8	-1.66	-3.63	-9.83	-8.89	-11.8	-7.22
θ (135°)	-23.49	-26.66	-9.07	-12.26	-7.7	-8.35	-6.27	-3.14	-4.36	-4.58	-5.37	-7.81	-18.93	-17.74	-13.2	-12.64	-21.08	-13.26	-5.88	-10.52	-5.8	-6.98	-6.78	-7.69	-23.49
θ (150°)	-12.13	-10.44	-11.94	-4.53	-2.21	-7.17	-4.06	-4.44	-4.77	-4.65	-4.78	-7.6	-21.84	-16.78	-15.21	-22.96	-18.2	-7.28	-7.09	-7.1	-6.65	-12.33	-9.76	-9.97	-12.13
θ (165°)	-9.71	-10.63	-9.03	-9.28	-10.04	-5.81	-4.06	-4.64	-6.54	-12.05	-26.64	-20.43	-17.77	-10.52	-8.45	-12.25	-15.63	-9.14	-8.3	-11.74	-10.73	-10.37	-10.06	-9.51	-9.71
θ (180°)	-13.75	-17.64	-21.39	-16.89	-13.54	-11.42	-10.95	-12.5	-10.99	-11.32	-10.34	-8.61	-10.49	-15.05	-20.28	-18.2	-14.26	-11.98	-10.28	-9.21	-9.4	-9.47	-9.63	-10.95	-13.75

Ant.	No.1																										
Freq. (MHz)	5785																										
Polarity	Theta																										
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 (360°)		
θ (0°)	-2.57	-3.28	-3.97	-5.32	-6.99	-9.27	-11.03	-8.53	-5.71	-3.69	-2.44	-2.21	-2.18	-2.26	-3.22	-4.97	-7.23	-10.29	-9.35	-6.9	-5.35	-3.76	-2.73	-2.54	-2.57		
θ (15°)	-5.8	-6.09	-7.43	-8.22	-8.96	-11.59	-13.38	-8.3	-3.26	-1.01	-0.19	0.68	1.34	0.36	-2.73	-8.97	-11.2	-6.14	-4.31	-4.13	-4.93	-4.58	-4.26	-4.84	-5.8		
θ (30°)	-7.14	-10.62	-13.77	-14.48	-16.46	-31.71	-15.51	-6.62	-1.23	1.57	[2.23]	1.25	-0.12	-0.94	-0.64	-0.19	-0.85	-3.16	-5.09	-5.54	-8.44	-7.53	-5.19	-5.16	-7.14		
θ (45°)	-10.84	-9.84	-13.92	-18.91	-19.33	-8.35	-4.44	-0.36	0.78	-0.07	0.67	0.23	-2.9	-1.8	-6.48	-3.26	-2.94	-4.68	-5.51	-5.96	-7.57	-8.3	-7.51	-9.19	-10.84		
θ (60°)	-8.5	-5.37	-11.6	-14.51	-9.17	-7.19	-6.49	-2.35	-1.98	-0.51	1.35	-0.05	-2.19	-1.79	-2.07	-0.61	-3.17	-4.13	-4.91	-6.03	-9.77	-12.31	-5.38	-6.87	-8.5		
θ (75°)	-3.98	-3.06	-3.71	-3.26	-3.56	-3.35	-9.83	-3.48	0.73	1.09	-1.66	-2.9	-1.02	-3.75	-3.19	-1.04	-1.38	-4.1	-4.86	-4.35	-1.84	-4.76	-7.2	-1.97	-3.98		
θ (90°)	-6.94	-1.55	-11.93	0.55	1.5	1.4	-6.44	-3.82	-0.48	-1.91	-6.69	-2.36	-2.82	-3.31	0.02	0.37	-2.9	0.91	-2.86	-11.41	-4.43	-3.83	-8.12	-2.74	-6.94		
θ (105°)	-2.69	-0.79	-0.4	-8.55	-0.65	-1.28	-10.23	-7.74	-4.21	-2.65	-5.68	-9.21	-1.67	-3.57	0.4	-7.4	0.26	2.03	-1.91	-6.32	-6.79	-4.03	-5.83	0.2	-2.69		
θ (120°)	-0.32	0.47	2.2	-1.47	-3.88	-2.47	-2.58	-5.07	-6.41	-11.01	-12.46	-11.18	-5.78	-13.05	-11.01	-33.59	-5.51	-3.34	-4.46	-3.88	-5.49	-5.14	-6.11	-1.03	-0.32		
θ (135°)	1.9	-2.49	1.58	-1.56	1.39	-3.58	-8.02	-6.6	-6.63	-6.89	-13.43	-11.07	-5.51	-9.21	-9.45	-5.67	-9.94	-11.9	-8.78	-8.4	-4.14	-3.99	-3.94	-2.5	1.9		
θ (150°)	-6	-4.58	-7.69	-2.51	-5.08	-7.24	-7.39	-10.3	-11.99	-12.63	-14.3	-13.59	-8.07	-12.04	-18.56	-10.37	-10.02	-12.31	-13.25	-8.76	-6.72	-7.37	-5.25	-5.28	-6		
θ (165°)	-2.13	-1	-2.75	-6.15	-6.46	-6.69	-8.67	-13.85	-18.15	-13.01	-8.87	-8.75	-10.37	-14.42	-22.64	-16.78	-13.29	-16.34	-26.24	-21.57	-33.99	-18.76	-11.76	-6.93	-2.13		
θ (180°)	-11.62	-10.38	-9.85	-10.41	-12.13	-13.37	-16.44	-22.33	-25.19	-17.11	-14.11	-11.1	-9.2	-9.21	-10.22	-10.93	-11.16	-12.08	-14.32	-19.27	-25.79	-19.21	-15.32	-13.59	-11.62		
Polarity	Phi																										
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 (360°)		
θ (0°)	-10.61	-8.12	-6.04	-4.21	-2.65	-1.66	-1.13	-0.99	-2.12	-4.16	-7.03	-9.39	-9.54	-6.91	-4.43	-2.67	-1.68	-1.41	-1.22	-2.26	-3.54	-5.25	-7.45	-9.59	-10.61		
θ (15°)	-18.9	-11.84	-7.56	-6.74	-6.18	-4.49	-2.12	-0.38	0.14	-1.14	-3.99	-9.05	-23.82	-6.11	-1.64	-0.5	-1.3	-3.45	-5.35	-5.07	-4.44	-6.23	-10.53	-17.22	-18.9		
θ (30°)	-15.02	-19.96	-12.96	-7.59	-6.85	-4.98	-2.5	-0.58	0.97	0.71	-0.91	-4.67	-13.94	-7.96	-11.58	-9.34	-4.31	-4.75	-6.8	-4.17	-1.81	-2.17	-6.47	-13.03	-15.02		
θ (45°)	-15.97	-15.91	-7.65	-3.83	-3.55	-2.04	0.08	[1.00]	0.27	-1.2	-2.29	-5.98	-9.79	-6.83	-4.57	-4.86	-3.56	-1.53	-2.05	-3.42	-3.61	-3.43	-6.53	-12.27	-15.97		
θ (60°)	-7.45	-7.22	-20.52	-5.74	-2.92	-3.29	-1.98	-0.43	-0.78	-6.03	-21.8	-25.5	-14.82	-4.24	-4.62	-2.24	0.85	0	-2.85	-2.17	-3.3	-10.53	-10.56	-9.84	-7.45		
θ (75°)	-3.22	-2.76	-6.42	-2.31	0.18	-4.49	-4.02	-2.56	-1.91	-8.19	-10.9	-12.8	-9.36	-8.93	-5.09	-2.27	-1.3	-2.87	-7.7	-2.98	-1.01	-6.9	-9.53	-4.57	-3.22		
θ (90°)	-9.86	-12.95	-11.02	-10.66	-6.04	-4.64	-2.53	-1.42	-1.99	-8.8	-11.63	-23.1	-5.31	-7.9	-13.61	-2.31	-1.28	-3.74	-3.34	-7.95	-7.91	-5.18	-7.31	-6.72	-9.86		
θ (105°)	-3.53	-15.06	-9.18	-9.21	-0.57	-1.74	-2.08	-1.55	-5.74	-7.04	-7.1	-12.48	-10.57	-8.37	-3.09	0.5	0.37	-4.26	-3.24	-4.73	-7.53	-7.85	-2.59	-3.32	-3.53		
θ (120°)	-4.79	-6.95	-9.77	-5.1	-2.66	-2.12	-4.81	-8.41	-12.48	-10.53	-11.78	-10.61	-16.24	-15.83	-7.71	-5.54	-2.19	-6.52	-12.68	-1.08	-1.91	-7.98	-5.31	-9.26	-4.79		
θ (135°)	-11.69	-13.17	-8.92	-17.49	-3.36	-6.92	-8.29	-2.9	-6.34	-5.44	-5.94	-8.48	-12.81	-10.2	-12.38	-9.12	-17.33	-13.19	-5.92	-8.97	-4.64	-7.38	-4.28	-5.39	-11.69		
θ (150°)	-13.91	-10.32	-11.23	-1.87	-1.89	-6.28	-3.16	-3.53	-2.44	-4.2	-4.2	-6.74	-16.81	-23.75	-15.22	-12.24	-18.66	-7.89	-5.46	-6.54	-6.86	-15.3	-10.16	-11.08	-13.91		
θ (165°)	-9.71	-9.06	-8.76	-10.05	-7.88	-5.2	-4.08	-4.29	-5.58	-7.09	-14.06	-24.92	-17.97	-11.47	-8.53	-10.44	-14.8	-8.49	-7.75	-13.3	-13.77	-11.14	-10.16	-9.21	-9.71		
θ (180°)	-17.39	-18.97	-15.96	-13.65	-13.01	-12.05	-13.06	-15.22	-13.6	-12.27	-11.75	-10.94	-12.1	-16.26	-22.67	-22.06	-17.15	-12.77	-12.29	-11.33	-12.63	-13.02	-12.19	-13.93	-17.39		

Ant.	No.2																								
Freq. (MHz)	5600																								
Polarity	Theta																								
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 (360°)
θ (0°)	-17.07	-9.88	-5.6	-3.26	-1.85	-1.1	-0.97	-1.57	-2.33	-4.7	-8.27	-14.75	-31.06	-12.26	-7.14	-4.63	-2.91	-2.31	-2.36	-2.78	-3.59	-5.67	-9.76	-16.42	-17.07
θ (15°)	-7.86	-4.98	-3.52	-2.57	-1.93	-0.62	0.52	0.34	-1.05	-3.14	-5.15	-7.69	-13.29	-15.94	-9.41	-6.97	-7.02	-8.46	-11.96	-18.13	-16.38	-14.51	-14.81	-11.77	-7.86
θ (30°)	-4.49	-1.88	-0.65	-1.79	-2.95	-1.86	1.81	2.94	1.01	-3.34	-5.08	-4.35	-5.39	-11.21	-9.73	-5.7	-7.85	-19.92	-15.63	-7.66	-7.97	-17.88	-18.54	-9.41	-4.49
θ (45°)	-9.64	-3.18	-1.01	-1.93	-0.72	-0.72	1.56	2	0.12	-2.65	-2.43	-3.93	-4.62	-2.45	-3.05	-7.91	-8.36	-15.96	-6.46	-5.09	-8.91	-14.2	-12.05	-22.51	-9.64
θ (60°)	-0.19	-0.72	-1.47	-1.01	-1.89	-2.98	0.21	[3.35]	-0.92	-6.76	-1.78	-1	0.56	-2.04	-1.5	-3.58	-6.88	-10.91	-7.74	-6.56	-11.33	-12.95	-10.06	-6.95	-0.19
θ (75°)	0.56	0.31	-1.74	-2.03	-4.34	-2.56	-0.03	0.84	-2.05	-4.06	-2.64	-0.5	-0.59	-3.1	-2.19	-2.41	-3.81	-1.78	-8.22	-4.26	-7.96	-7.85	-10.96	-5.73	0.56
θ (90°)	0.2	-2.1	-1.54	-0.8	-3.42	-3.84	-2.99	-2.11	-1.5	-0.99	-2.33	-2.35	-1.67	-7.16	-5.24	-2.42	-1.92	2.83	-0.64	-1.31	-3.83	-3.51	-6.12	-4.83	0.2
θ (105°)	-5.85	-6.78	-2.73	-5.02	-4.68	-4.7	-12.29	-8.39	-0.28	-6.4	0.38	-7.51	-1.94	-7.87	1.88	-0.92	-3.74	1.29	0.38	-3.78	-7.38	-2.14	-8.68	-8.77	-5.85
θ (120°)	-8.8	-4.84	-4.57	-4.58	-16.64	-21.34	-8.83	-8.42	-3.15	-7.23	0.52	-8.05	2.16	-7.68	-1.24	-2.61	-12.69	-1.2	1.95	-1.36	-16.29	-7.17	-13.08	-9.24	-8.8
θ (135°)	-10.54	-10.71	-8.33	-6.45	-5.78	-9.22	-11.29	-12.73	-12.83	-7.79	-6.8	-6.69	-2.35	-0.71	-1.5	-1.82	0.76	1.39	-1.51	-6.13	-7.64	-7.08	-10.01	-10.43	-10.54
θ (150°)	-15.21	-8.08	-9.25	-16.39	-11.99	-6.98	-7.74	-16.31	-6.99	-9.15	-21.11	-5.77	-9.54	-10.32	-1.02	1.32	-0.62	-5.03	-5.48	-9.56	-10.2	-11.63	-9.77	-12.8	-15.21
θ (165°)	-23.62	-13.17	-7.38	-4.98	-4.41	-5.75	-8.89	-13.56	-15.57	-14.59	-10.88	-11.13	-18.68	-9.58	-5.55	-4.81	-6.76	-10.18	-12.19	-9.94	-8.73	-11.06	-20.59	-23.15	-23.62
θ (180°)	-15.6	-15.11	-13.66	-12.12	-11.22	-11.02	-10.44	-11.85	-11.26	-12.16	-12.04	-12.63	-13.54	-14.98	-21.84	-18.48	-15.27	-13.29	-11.9	-12.87	-13.93	-15.64	-16.98	-15.51	-15.6
Polarity	Phi																								
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 (360°)
θ (0°)	-0.6	-1.13	-2.63	-4.96	-8.94	-18.9	-18.38	-9.48	-4.92	-3.25	-1.46	-1.08	-0.84	-1.45	-2.63	-4.85	-8.48	-16.26	-18.53	-10.41	-5.76	-3.37	-1.85	-0.96	-0.6
θ (15°)	-1.24	-1.48	-2.71	-5.21	-8.68	-19.27	-14.26	-5.48	-3.39	-2.6	-1.66	-0.29	0.81	0.78	-0.33	-2.32	-5.8	-10.52	-13.85	-16.34	-15.79	-9.82	-4.69	-2.08	-1.24
θ (30°)	0.02	-1.19	-3.05	-4.62	-4.97	-8.8	-17.81	-6.71	-4.76	-6.2	-4.38	-1.18	-0.52	-2.22	-8.9	-7.07	-3	-4.77	-11.63	-9.05	-4.99	-4.48	-1.31	-0.04	0.02
θ (45°)	-0.55	0.2	-2.61	-10.6	-5.41	-7.63	-16.9	-11.03	-10.37	-4.55	-0.11	0.32	-4.16	-4.79	-5.64	-5.25	-15.1	-17.6	-8.92	-14.3	-4.56	-3.83	-3.21	-3.4	-0.55
θ (60°)	-4.57	-1.8	-0.69	-2.81	-13.23	-8.31	-29.88	-15.81	-8.6	-5.59	-2.79	-3.51	-2.34	1.05	-6.82	-4.16	-8.35	-12.1	-8.42	-21.78	-6.09	-16.02	-8.29	-3.38	-4.57
θ (75°)	-1.33	-8.61	-4.7	-4.92	-19.69	-8.07	-25.82	-13.85	-6.73	-6.52	-2.05	-4.55	0.25	-5.45	-7.95	0.14	-3.84	-8.59	-14.28	-17.47	-9.02	-8.29	-1.02	-2.16	-1.33
θ (90°)	0.07	-2.7	-4.23	-5.8	-4.39	-1.57	-8.64	-12.7	-10.97	-3.29	0.64	-5.16	-1.96	-9.29	-4.44	-1.82	-1.57	-3.79	-7.53	-12.78	-8.17	-6.97	-3.86	-4.49	0.07
θ (105°)	-4.14	-5.52	-5.51	-14.57	-5.47	-10.71	-12.98	-11.32	-13.71	-5.33	-0.96	-7.02	-2.39	-9.62	-11.18	-6.69	-0.74	-2.08	-5.3	-5.32	-9.95	-8.11	-5.75	-9.13	-4.14
θ (120°)	-7.68	-6.91	-5.29	-4.02	-14.68	-8.81	-9.17	-3.89	-6.71	-9.41	-1.21	-9.08	-0.68	-9.7	-7.92	-5.99	-2.17	-2.08	-7.19	-4.95	-5.59	-6.3	-6.87	-14.32	-7.68
θ (135°)	-20.21	-7.21	-3.82	-7.49	-15.74	-9.93	-12.15	-16.19	-5.08	-5.36	-3.72	-1.7	-1.97	-3.28	-0.62	-1.02	-2.21	-7.76	-31.1	-6.68	-8.39	-9.05	-8.21	-12.57	-20.21
θ (150°)	-8.02	-9.8	-15.19	-9.72	-7.98	-7.99	-18.01	-11.18	-4.38	-13.96	-0.16	[1.37]	-6.27	-5.03	-0.57	-0.5	-2.98	-14.24	-11.28	-8.93	-13.39	-8.64	-8.76	-10.11	-8.02
θ (165°)	-5.49	-5.54	-9.01	-14.9	-18.02	-33.14	-18.58	-10.86	-8.17	-6.36	-7.34	-7.16	-3.76	-3.25	-6.65	-17.6	-21.55	-18.87	-30.38	-11.57	-9.9	-10.24	-13.08	-12.41	-5.49
θ (180°)	-10.56	-10.43	-11.65	-14.08	-15.1	-15.55	-15.98	-14.71	-14.13	-12.6	-11.18	-10.47	-9.44	-7.78	-6.85	-6.98	-8.13	-9.11	-10.78	-12.48	-15.08	-18.3	-13.89	-11.08	-10.56

Ant.	No.2																								
Freq. (MHz)	5785																								
Polarity	Theta																								
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 (360°)
θ (0°)	-8.41	-6.06	-3.63	-2.13	-0.99	-0.45	-0.66	-1.35	-2.13	-4.27	-6.46	-8.61	-8.95	-6.41	-4.55	-2.76	-1.52	-0.98	-0.95	-1.26	-2.73	-4.8	-7.61	-9.25	-8.41
θ (15°)	-12.2	-6.53	-3.57	-2.35	-2.11	-1.1	-0.24	-0.57	-1.51	-2.61	-3.74	-6.08	-11.97	-20.15	-10.78	-6.36	-5.53	-6.88	-10.05	-14.73	-17.06	-19.44	-20.66	-19.8	-12.2
θ (30°)	-3.98	-2.41	-2.44	-3.5	-2.9	1.33	[2.96]	1.58	-1.95	-4.73	-6.55	-7.18	-7.47	-10.18	-14.54	-10.5	-9.29	-16.34	-14.01	-8.95	-8.94	-12.43	-19.25	-8.36	-3.98
θ (45°)	-6.47	-2.91	-0.27	-2.64	-3.21	0.91	2.3	-0.76	-3.63	-4.67	-2.51	-3.39	-3.46	-3.32	-1.44	-4.76	-9.95	-25.8	-11.54	-7.5	-6.47	-20.27	-9.58	-8.59	-6.47
θ (60°)	-1.18	-2.54	-2.22	-1.77	-2.62	-5.83	1.46	1.71	-3.78	-5.34	-1.98	-1.36	-0.44	-1	-2.34	-1.83	-7.09	-6.93	-3.91	-5.75	-4.85	-25.09	-8.34	-7.93	-1.18
θ (75°)	1.55	-0.48	-1	-2.72	-5.95	-3.58	-0.11	0.89	-1.09	-4.09	-3.15	-4.44	-1.25	-2.93	-0.49	-2.78	-10.76	-2.28	-4.95	-9.98	-18.8	-11.81	-8	-7.42	1.55
θ (90°)	-1.08	-3.02	-0.78	-3.08	-6.29	-7.37	-2.82	-2.04	-1.24	-0.04	-2.78	-4.18	-1.05	-5.82	-1.88	-6.63	-7.41	1.99	0.41	-2.49	-5.65	-4.1	-11.65	-6.64	-1.08
θ (105°)	-8.47	-8.94	-2.86	-7.3	-5.21	-6.82	-8.89	-11.56	-0.88	-1.95	0.48	-10.1	-2.73	-18.19	0.85	0.22	-6.98	0.02	-0.69	-2.96	-8.36	-2.67	-15.5	-9.33	-8.47
θ (120°)	-5.94	-4.11	-5.41	-3.74	-24.68	-10.31	-7.47	-14.81	-4.47	-9.8	-0.83	-11.98	-0.24	-8.27	-3.24	-1.77	-13.08	-3.24	-0.6	-2.09	-15.71	-6.97	-11.29	-7.17	-5.94
θ (135°)	-6.64	-13.45	-17.91	-9.17	-8.7	-8.82	-10.85	-8.47	-12.05	-8.34	-11.53	-10.11	-4.43	-3.08	-3.68	-3.34	-2.26	0.82	-1.46	-4.9	-6.58	-9.27	-13.35	-7.57	-6.64
θ (150°)	-15.41	-8.5	-10.71	-16.54	-11.96	-9.86	-13.06	-8.57	-3.39	-4.75	-11.27	-14.5	-17.1	-11.13	-2.96	0.74	0.44	-5.76	-8.46	-16.26	-13.59	-9.09	-7.02	-10.42	-15.41
θ (165°)	-17.64	-11.77	-6.55	-4.89	-6.04	-8.91	-15.01	-10.92	-7.07	-8.04	-14.76	-23.85	-19.94	-11.39	-5.87	-4.23	-5.57	-8.82	-11.53	-9.94	-8.9	-12.18	-22.1	-16.67	-17.64
θ (180°)	-22.4	-20.43	-18.93	-17.42	-18.63	-18.22	-19.46	-21.82	-23.08	-22.07	-23.83	-21.77	-21.85	-22.36	-36.04	-24.28	-20.8	-21.25	-16.34	-16.29	-17.37	-20.88	-23.97	-24.93	-22.4
Polarity	Phi																								
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 (360°)
θ (0°)	-0.22	-0.85	-2.03	-4.2	-6.91	-9.79	-8.23	-5.62	-3.44	-1.69	-0.47	0.2	-0.1	-0.92	-2.33	-4.17	-6.44	-9.13	-8.72	-5.77	-3.23	-1.31	-0.69	-0.2	-0.22
θ (15°)	-2.23	-1.6	-2.85	-5.06	-8.63	-15.94	-17.45	-9.37	-6.78	-5.23	-2.69	-1.13	0.18	0.26	-0.67	-2.41	-5.41	-10.06	-16.3	-19.53	-17.95	-10.93	-6.82	-4.23	-2.23
θ (30°)	-0.01	-0.74	-2.73	-2.33	-4.31	-12.91	-9.82	-6.22	-7.93	-5.71	-2.48	-0.43	-0.81	-2.46	-5.36	-8.71	-5.04	-4.67	-12.39	-10.7	-6.2	-5.95	-2.69	-0.95	-0.01
θ (45°)	-1.42	1.31	-3.62	-7.02	-3.64	-5.94	-7.54	-6.26	-5.7	-3.84	-0.72	1.14	1.1	0.35	-3.15	-6.22	-6.39	-9.38	-13.8	-12.29	-3.39	-2.81	-2.71	-3.5	-1.42
θ (60°)	-2.42	0.89	0.65	-4.87	-8.71	-5.97	-13.19	-8	-3.76	-6.99	-6.6	0.25	0.98	[3.54]	-2.91	-4.96	-3.88	-19.61	-17.48	-23.72	-4.93	-11.16	-12.21	-4.93	-2.42
θ (75°)	-4.13	-5.21	-2.95	-4.99	-10.76	-4.25	-23.87	-7.65	-8.65	-6.32	-1.62	-2.88	1.02	-3.98	-18.74	-1.59	-1.86	-8.95	-13.81	-9.08	-12.16	-7.96	-3.08	-1.02	-4.13
θ (90°)	-0.27	-3.35	-6.76	-6.65	-4.42	-4.73	-16.91	-10.73	-8.51	-3.01	-1.73	-8.65	-2.41	-13.16	-4.66	-5.86	-1.04	-6.22	-8.34	-10.94	-13.21	-4.72	-4.38	-5.39	-0.27
θ (105°)	-3.51	-5.89	-11.26	-12.51	-8.16	-6.66	-22.54	-6.92	-7.09	-1.42	-4.16	-10.55	-8.89	-7.89	-20.95	-4.69	-2.58	-1.93	-11.13	-7.26	-5.86	-9.8	-4.86	-7.86	-3.51
θ (120°)	-7.23	-5.79	-2.67	-3.14	-30.02	-3.22	-5.41	-2.88	-12.69	-8.61	-3.26	-8.37	-2.7	-7.39	-5.61	-2.28	-5.24	-2.53	-8.98	-8.21	-6.1	-6.01	-7.11	-11.92	-7.23
θ (135°)	-13.45	-7.21	-6.19	-12.11	-12.45	-12.08	-10.33	-15.82	-5.14	-6.22	-5.44	-1.83	-1.36	-6.36	-1.96	-0.14	-1.2	-5.59	-14.23	-12.83	-11.45	-7.22	-5.89	-17.46	-13.45
θ (150°)	-12.08	-9.87	-11.49	-7.08	-8.96	-16.24	-13.21	-17.69	-6.56	-9.15	-1.37	1.03	-5.44	-3.91	-0.02	-0.51	-2.84	-8.95	-27.24	-19.27	-25	-10.74	-9.65	-10.6	-12.08
θ (165°)	-5.95	-5.72	-8.93	-18.31	-29.63	-16.16	-10.48	-9.88	-8.68	-5.81	-4.27	-5.16	-4.4	-3.01	-5.24	-11.34	-25.98	-16.77	-14.86	-12.4	-13.89	-10.64	-11	-9.35	-5.95
θ (180°)	-19.68	-22.13	-28.93	-30.94	-20.74	-19	-17.41	-20.3	-19.13	-15.57	-12	-12.17	-15.41	-13.91	-11.95	-11.94	-12.6	-14	-18.14	-17.35	-20.15	-18.1	-20.86	-21.89	-19.68

Ant.	No.3																								
Freq. (MHz)	5600																								
Polarity	Theta																								
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 (360°)
θ (0°)	-0.93	-1.1	-1.76	-3.07	-5.32	-8.83	-11.71	-9.71	-6.18	-3.96	-2.37	-1.63	-1.57	-2.27	-3.51	-5.15	-7.69	-11.34	-13	-10.63	-6.46	-3.49	-2.02	-1.12	-0.93
θ (15°)	0.45	1.09	0.87	-0.61	-3.85	-10.13	-37.83	-10.83	-5.5	-2.8	-1.8	-1.95	-2.61	-3.84	-6.32	-10.26	-17.47	-27.67	-15.05	-9.96	-6.34	-3.63	-2.21	-0.84	0.45
θ (30°)	-1.31	-0.9	0.57	0.03	-5.2	-13.66	-9.17	-7.48	-5.74	-6.67	-10.61	-11.04	-7.22	-5.35	-6.51	-10.11	-9.61	-12.58	-9.23	-4.81	-3.94	-1.36	0.72	0.15	-1.31
θ (45°)	-3.37	-6.16	-0.27	-2.47	-12.33	-6.01	-8.21	-7.01	-10.08	-20.51	-15	-11.75	-8.29	-10.51	-12.49	-1.99	-0.31	-1.8	-1.85	-1.61	-2.07	0	1.26	-0.05	-3.37
θ (60°)	-2.2	-0.74	-1.55	-6.94	-5.4	-6.13	-11.22	-5.81	-9.14	-5.5	-7.42	-13.61	-7.98	-6.67	-8.24	-13.22	-4.32	-4.02	-1.64	[2.79]	1.01	2.28	1.4	-7.78	-2.2
θ (75°)	-1.56	-1.73	-2.1	-0.05	-3.16	-6.58	-2.19	-0.72	-3.59	-9.32	-6.37	-6.41	-5.82	-7.93	-4.34	-3.19	0.81	-0.09	-3.14	2.78	1.64	2	-4.29	-8.48	-1.56
θ (90°)	-4.17	-4.51	-3.73	-4.87	-3.98	-6.45	-8.09	-7.02	-0.8	-1.95	2.53	-8.15	-13.76	-7.97	-9.88	-5.14	-0.81	0.25	-1.56	-6.39	-7.07	-5.89	-10.27	-5.63	-4.17
θ (105°)	-1.82	-3.04	-36.01	-13.7	-8.97	-11.38	-3.65	-1.34	-0.15	1.8	-4.68	-2.37	-1.08	-0.9	-17.66	-6.31	-7.79	-4.09	-6.17	-5.76	-0.1	-3.5	-14.24	-12.5	-1.82
θ (120°)	-12.12	-9.94	-10.98	-15.88	-16.31	-14.9	-4.89	-1.89	-2.55	0.22	-0.48	-2.79	1.76	1.16	-6.89	-1.63	-5.52	-1.3	-2.07	-3.58	-11.03	-5.39	-10.28	-9.13	-12.12
θ (135°)	-13.24	-4.61	-8.4	-15.89	-16.48	-6.39	-9.51	-0.09	-10.74	-5.29	-7.11	-1.02	2.25	0.65	-10.42	-0.34	-3.43	-1.3	-2.32	-6.79	-10.61	-19.87	-7.77	-5.43	-13.24
θ (150°)	-7.49	-12.9	-18.17	-14.2	-16.48	-19.85	-6.72	-10.05	-8.68	-13.13	-4.84	-0.48	2.65	1.49	-6.88	-5.36	-0.05	-4.89	-3.08	-4.63	-12.4	-23.24	-10.27	-6.37	-7.49
θ (165°)	-1.83	-3.49	-7.7	-13.95	-17.72	-22.56	-19.73	-13.17	-11.34	-9.87	-7.28	-5.58	-6.04	-9.48	-15.36	-11.53	-9.41	-11.35	-10.19	-8.12	-7.25	-6.61	-4.71	-2.61	-1.83
θ (180°)	-9.49	-11.31	-14.81	-21.2	-42.02	-22.12	-17.02	-14.74	-13.16	-12.61	-13.64	-15.65	-19.99	-26.92	-38.02	-34.35	-26.1	-20.07	-17.33	-14.8	-11.92	-9.85	-8.57	-8.41	-9.49
Polarity	Phi																								
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 (360°)
θ (0°)	-10.36	-7.77	-4.59	-2.47	-0.99	-0.17	-0.1	-0.71	-2.02	-3.91	-6.36	-9.22	-9.68	-7.49	-4.63	-2.91	-1.71	-1.09	-1.07	-1.45	-2.36	-3.87	-6	-8.86	-10.36
θ (15°)	-11.88	-11.98	-6.55	-2.85	-0.83	-0.27	-0.52	-1.45	-2.75	-4.69	-8.24	-13.51	-10.78	-5.44	-2.62	-1.63	-1.94	-2.83	-4.41	-5.77	-6.12	-6.66	-8.03	-9.12	-11.88
θ (30°)	-15.85	-17.18	-11.21	-4.21	-1.15	-2.26	-4.26	-7.06	-11.83	-13.18	-11.58	-11.35	-7.78	-7.31	-4.58	-0.99	-0.79	-2.59	-3.78	-5.93	-4.81	-3.08	-4.9	-9.49	-15.85
θ (45°)	-26.74	-20.2	-10.46	-5.81	-7.78	-7.9	-3.84	-4.67	-5.35	-14.66	-16.94	-12.57	-7.81	-10.08	-10.5	-4.86	-2.76	-2.84	-1.28	-5.55	-4.09	-1.19	-6.41	-14.15	-26.74
θ (60°)	-21.82	-15.08	-13.49	-9.02	-3.81	-3	-1.56	0.28	-4.24	-11.35	-9.56	-21.54	-8.62	-24.02	-12.77	-8.24	-11.2	-17.85	-5.5	-1.67	-1.09	-0.93	-7.24	-17.07	-21.82
θ (75°)	-10.92	-13.33	-10.08	-3.85	-5.76	-1.93	-7.2	-6.67	-6.37	-9.17	-21.49	-11.99	-6.31	-12.02	-16.67	-4.47	-4.42	-1.72	-3.02	-0.68	-1.93	-2.39	-6.17	-5.93	-10.92
θ (90°)	-18.97	-9.8	-7.29	-11.53	-6.56	-3.89	-10.07	-6.33	-3.87	-13.26	-9.9	-19.46	-4.91	-13.87	-8.03	-6.52	-1.19	-2.65	-4.02	-5.17	-5.05	-1.59	-3.98	-8.83	-18.97
θ (105°)	-17.63	-14.58	-4.53	-5.83	-5.38	-3.18	-1.89	-4.11	-3.26	-4.03	-5.86	-16.45	-20.51	-17.11	-14.61	-26.11	-5.12	-7.02	-3.39	-3.53	-5.95	-14.36	-8.85	-12.73	-17.63
θ (120°)	-8.05	-7.75	-10.25	-3.06	-3.52	-6.15	-1.52	-2.6	-7.69	-8.13	-4.56	-12.36	-12.38	-15.7	-16.24	-6.07	-6.16	-1.22	-1.26	-3.47	-5.32	-7.45	-6.74	-4.38	-8.05
θ (135°)	-6.07	-27.61	-10.18	-6.3	-5.9	-0.87	-12.96	-2.48	-5.93	-2.64	-5.52	-13.3	-7.43	-11.49	-17.93	-6.49	-12.64	-5.73	-3.4	0.49	-4.55	-3.97	-6.63	-11.17	-6.07
θ (150°)	-12.3	-20.09	-9.83	-8.17	-19.65	-10.35	-17.73	-6.22	-5.68	-12.83	-13.52	-7.98	-13.3	-11.56	-10.3	-9.17	-1.71	[0.71]	-0.43	-5.55	-3.83	-8.38	-18.04	-21.48	-12.3
θ (165°)	-20.5	-11.66	-10.66	-15.93	-13.66	-7.76	-5.08	-4.01	-4.48	-5.85	-8.13	-11.96	-13.13	-8.55	-8.54	-14.1	-14.14	-6.2	-5.33	-7.42	-9.36	-8.34	-8.84	-12.79	-20.5
θ (180°)	-17.03	-14.06	-11.12	-9.31	-8.58	-8.6	-9.51	-11.26	-16.07	-26.91	-23.91	-18.4	-16.32	-16.26	-16.66	-18.05	-16.57	-16.76	-20.03	-20.37	-17.76	-16.25	-18.64	-19.75	-17.03

Ant.	No.3																										
Freq. (MHz)	5785																										
Polarity	Theta																										
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 (360°)		
θ (0°)	-6.19	-6.13	-6.41	-7.09	-8.84	-11.88	-15.1	-15.32	-12.39	-10.27	-8.34	-7.05	-6.47	-6.45	-6.92	-8.14	-10.52	-14.15	-18.44	-17.2	-12.15	-8.83	-7.43	-6.71	-6.19		
θ (15°)	-5.54	-3.21	-1.4	-1.36	-3.28	-6.75	-13.13	-13.05	-5.41	-2.22	-1.47	-2.28	-3.71	-5.65	-9.16	-13.68	-15.96	-15.72	-15.92	-13.74	-9.12	-6.11	-5.52	-5.63	-5.54		
θ (30°)	-1.13	-2.22	0.15	0.28	-3.38	-10.76	-12.18	-10.63	-5.22	-5.05	-6.57	-5.79	-5.73	-4.36	-4.58	-10.44	-19.31	-23.82	-6.62	-2.95	-1.71	-1.22	0.05	0.9	-1.13		
θ (45°)	-1.06	-1.76	1.1	-0.85	-6.73	-4.31	-5.18	-4.67	-7.31	-12.84	-9.71	-4.51	-6.1	-13.4	-4.83	-1.1	-1.12	-4.45	-3.61	-0.69	1.03	0.82	-0.37	0.31	-1.06		
θ (60°)	-4.37	-1.39	0.65	-5	-4.08	-5.06	-9.4	-11.5	-12.49	-5.39	-6.69	-12.37	-14.12	-10.35	-15.56	-6.86	-3.09	-5.79	-0.69	2.48	0.17	1.04	-1.1	-6.28	-4.37		
θ (75°)	-4.02	-1.37	-2.6	-0.83	-2.63	-4.86	-0.7	0.51	-0.71	-4.76	-7.86	-6.96	-12.42	-7.88	-6.22	-2.63	0.83	-3.56	-4.9	[3.09]	2.15	1.5	-2.36	-20.89	-4.02		
θ (90°)	-8.47	-3.09	-2.35	-1.8	-3.19	-4.51	-6.54	-7.97	-1.14	-1.39	1.75	-9.16	-11.9	-6.77	-7.85	-3.05	1.89	1.63	-1.82	-1.31	-2.39	-5	-9.34	-9.73	-8.47		
θ (105°)	-5.14	-2.36	-13.69	-10.12	-4.46	-8.53	-3.62	-1.32	-0.28	0.3	-3.59	-6.44	-1.73	-3.53	-12.84	-8.48	-5.86	-3.33	-7.68	-5.72	-3.4	-4.93	-13.57	-15.49	-5.14		
θ (120°)	-9.83	-10.78	-20.22	-20.71	-8.63	-9.57	-2.29	-0.4	-0.69	0.14	-0.2	-5.69	0.27	-0.22	-13.19	-3.02	-6.95	-0.07	-0.89	-4.56	-7.82	-3.55	-7.09	-5.68	-9.83		
θ (135°)	-8.55	-8.32	-6.12	-11.15	-7.68	-12.07	-13.12	-0.02	-7.82	-3.52	-10.4	-0.38	1.81	0.01	-9	0.42	-5.51	0.25	-2.39	-3.47	-13.47	-13.28	-5.72	-3.21	-8.55		
θ (150°)	-10.23	-10.29	-19.27	-15.88	-16.06	-16.26	-9.62	-11.42	-6.25	-15.16	-1.39	1.51	2.45	1.63	-7.04	-4.25	-0.13	-5.9	-3.26	-5.83	-17.14	-19.43	-15.52	-14.34	-10.23		
θ (165°)	-2.28	-2.43	-4.6	-9.47	-17.11	-26.46	-19.45	-13.94	-11.66	-9.95	-7.97	-7.57	-9.83	-14.24	-11.81	-8.61	-8.4	-11.05	-9.81	-6.78	-5.58	-5.41	-4.87	-3.63	-2.28		
θ (180°)	-10.12	-12.09	-15.28	-19.29	-20.98	-16.86	-14.1	-12.76	-11.86	-11.5	-13.23	-15.11	-17.22	-18.44	-17.91	-16.63	-16	-15.66	-16.47	-15.07	-12.64	-10.66	-9.28	-9.04	-10.12		
Polarity	Phi																										
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 (360°)		
θ (0°)	-13.1	-12.07	-9.36	-7.38	-6.15	-5.37	-4.92	-5.11	-6.37	-8.12	-10.24	-13.76	-16.27	-14.46	-10.55	-8.25	-6.31	-5.54	-5.45	-5.77	-6.91	-8.39	-10.23	-12.61	-13.1		
θ (15°)	-25.35	-17.15	-8	-3.56	-1.35	-0.33	0.29	0.08	-1.19	-3.62	-8.19	-12.58	-9.08	-6.05	-5.23	-7.45	-9.99	-7.07	-4.32	-3.53	-3.49	-4.21	-6.86	-11.03	-25.35		
θ (30°)	-20.33	-16.82	-8.38	-4.26	-1.61	-1.89	-3.13	-5.35	-10.35	-10.66	-8.73	-11.07	-13.39	-18.83	-4.05	-0.48	-1.92	-4.74	-2.73	-3	-3.67	-2.69	-2.87	-7.41	-20.33		
θ (45°)	-10.67	-11.75	-7.35	-1.28	-2.6	-4.26	-1.71	-4.96	-5.95	-13.45	-11.69	-10.87	-8.83	-8.63	-3.83	0.39	-0.49	-1.38	-1.25	-5.69	-6.23	-6.2	-3.79	-4.12	-10.67		
θ (60°)	-16.09	-15.7	-10.45	-19.4	-4.5	-4.85	-1.51	-0.24	-4.81	-15.13	-15.31	-8.27	-9.89	-8.33	-12.17	-4.3	-10.59	-4.02	-1.14	-1.66	-0.65	0.04	-3.26	-4.2	-16.09		
θ (75°)	-16.53	-17.99	-12.19	-2.23	-4.25	-1.46	-4.82	-2.54	-6.82	-9.3	-11.24	-7.54	-4.97	-7.9	-10.85	-3.13	-5.79	-0.13	-0.65	-1.31	-0.48	-0.79	-5.53	-4.93	-16.53		
θ (90°)	-14.38	-7.57	-6.04	-5.6	-12.3	-4.04	-4.4	-5.87	-4.14	-12.93	-9.34	-6.4	-3.86	-9.44	-11.26	-5.22	-1.49	-2.67	-3.38	-2.58	-3.01	0.12	-3.58	-6.98	-14.38		
θ (105°)	-16.34	-11.95	-4.68	-3.48	-3.4	-6	-4.5	-4.63	-2.74	-3.42	-3.76	-11.41	-22.06	-20.96	-9.29	-6.25	-1.51	-1.72	-1.25	-0.43	-0.82	-3.43	-7.11	-14.51	-16.34		
θ (120°)	-8.75	-5.1	-9.59	-1.82	-0.97	-4.8	-4.09	-5.1	-7.6	-5.22	-1.67	-12.4	-10.76	-16.53	-17.25	-6.2	-5.1	-0.76	-0.76	-3.22	-2.81	-4.97	-9.44	-3.92	-8.75		
θ (135°)	-10.2	-18.22	-21.61	-7.77	-4.47	-0.7	-8.62	0.02	-3.36	-2.4	-3.07	-10.07	-6.36	-9.09	-20.47	-5.55	-12.41	-3.05	-2.07	[1.26]	-4.36	-8.81	-13.9	-12.46	-10.2		
θ (150°)	-20.75	-13.65	-4.46	-3.51	-14.13	-14.9	-21.32	-8.18	-5.04	-12.26	-12.29	-10.01	-13.57	-10.38	-13.92	-7.74	-2.58	-2.31	-3.26	-8.15	-3.14	-7.69	-18.55	-19.83	-20.75		
θ (165°)	-11.29	-10.67	-12.09	-19.67	-11.56	-6.05	-4.48	-4.98	-7.22	-10.21	-13.49	-13.5	-8.26	-5.83	-6.6	-13.62	-18.32	-6.77	-4.75	-6.47	-8.91	-11.69	-12.06	-11.35	-11.29		
θ (180°)	-12.31	-10.39	-8.46	-7.3	-7.22	-7.73	-9.49	-12.88	-19.06	-28.66	-20.63	-16.28	-14.6	-14.82	-16.25	-17.21	-19.94	-20.47	-18	-15.06	-12.79	-12.64	-13.84	-14.2	-12.31		

Ant.	No.0																								
Freq. (MHz)	6175																								
Polarity	Theta																								
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 (360°)
θ (0°)	-12.69	-9.73	-6.81	-5.01	-4.13	-3.47	-3.68	-4.29	-5.86	-8.18	-12.28	-19.82	-19.7	-11.75	-7.62	-5.41	-4.25	-3.21	-3.46	-3.99	-5.09	-7.03	-10.17	-15.08	-12.69
θ (15°)	-13.15	-7.56	-5.26	-5	-5.8	-8.42	-12.42	-18.27	-9.96	-6.97	-7.11	-9.48	-9.94	-6.58	-4.81	-3.95	-3.51	-3.55	-3.4	-3.97	-5.16	-6.13	-8.56	-13.5	-13.15
θ (30°)	-21.76	-19.42	-27.35	-25.55	-22.29	-18.03	-12.94	-12	-20.41	-18.62	-20.45	-11.98	-5.08	-3.1	-3.04	-4.07	-3.88	-0.95	1.48	0.14	-3.95	-2.95	-4.36	-12.67	-21.76
θ (45°)	-8.9	-9.1	-7.4	-7.62	-11.48	-11.75	-10.61	-10.91	-14.65	-10.47	-6.86	-4.22	-6.33	-2.53	-0.53	-0.98	-1.74	-4.38	1.19	1.96	-0.5	0.65	-5.13	-12.92	-8.9
θ (60°)	-6.65	-4.22	-5.44	-7.04	-10.29	-8.03	-6.38	-11.52	-6.31	-4.89	-3.84	-6.22	-4.29	-1.99	-2.89	-4.74	-5.36	-1.29	-1.76	-1.32	-2.61	1.82	-0.85	-5.75	-6.65
θ (75°)	-2.26	-3.85	-7.25	-4.13	-2.99	-2.7	-4.28	-5.79	-5.55	-10.02	-7.02	-4.25	-8.48	-2.49	-0.21	-0.46	0.41	-2.17	0.47	1.23	-3.05	1.39	0.69	-0.72	-2.26
θ (90°)	-2.39	-1.65	-0.81	-1.63	-5.35	-3.43	-2.73	-0.02	-7.24	-4.94	-3.47	-12.6	-7.85	-7.84	-2.96	-4.99	-6.03	-1.76	-3.86	-4.9	-2.71	0.77	2.19	-3.37	-2.39
θ (105°)	-1.19	0.47	1.9	-1.22	-1.19	1.2	0.64	0.85	-0.91	-0.31	-2.63	-1.86	-10.42	-4.8	-2.3	-3.79	-9.33	-3.7	-2.74	-7.48	-3.25	1.16	0.14	-7.07	-1.19
θ (120°)	-2.59	0.42	0.37	-6.45	-4.23	1.77	-1.89	-0.96	0.88	0.99	-0.23	0.66	-15.71	-7.48	-4.33	-6.16	-10.6	-8.31	-3.97	-6.36	-3.86	-5.7	-6.7	-17.99	-2.59
θ (135°)	-5.2	-6.08	-8.04	1.29	[3.43]	2.21	-0.11	-0.45	-1.06	0.76	-2.73	-0.46	-6.36	-12.23	-10.59	-7.07	-19.2	-10.42	-7.06	-10.62	-6.94	-4.39	-8.41	-25.08	-5.2
θ (150°)	-2.32	-0.51	-0.42	-1.79	2.28	2.77	-1.46	-2.38	-3.28	-4.92	-4.24	-3	-4.72	-13.65	-14.55	-9.49	-13.89	-13.61	-10.16	-13.45	-27.78	-20.77	-21.27	-12.33	-2.32
θ (165°)	-14.73	-10.26	-6.05	-3.37	-2.3	-3	-5.58	-10.7	-19.54	-17.32	-11.01	-9.98	-11.37	-15.31	-22.23	-19.33	-14.26	-13.87	-14.41	-15.08	-14.32	-14.94	-17.33	-17.84	-14.73
θ (180°)	-15.49	-17.58	-19.49	-19.01	-15.45	-13.4	-11.78	-10.56	-10.63	-11.55	-12.18	-13.83	-17.25	-20.51	-20.98	-17.2	-15	-14.04	-12.56	-11.09	-10.2	-10.08	-11.08	-12.09	-15.49
Polarity	Phi																								
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 (360°)
θ (0°)	-2.94	-3.53	-4.99	-7.19	-10.39	-14.24	-12.94	-9.49	-6.22	-4.26	-3.27	-2.98	-3.23	-3.74	-5.06	-7.36	-10.95	-19.42	-17.29	-10.18	-6.88	-4.46	-3.04	-2.64	-2.94
θ (15°)	-4.37	-5.01	-6.58	-6.77	-6.58	-7.31	-8.43	-9.02	-9.69	-9.63	-6.54	-4.57	-4.34	-6.74	-12.07	-18.42	-12.68	-9.87	-8.91	-7.96	-7.42	-7.69	-6.56	-4.78	-4.37
θ (30°)	-8.73	-7.33	-5.9	-6.47	-8.56	-18.57	-11.18	-6.25	-6.16	-9.92	-8.27	-4.31	-2.96	-3.9	-5.76	-8.33	-12.75	-18.26	-30.48	-15.16	-9.06	-8.49	-9.5	-8.86	-8.73
θ (45°)	-13.16	-7.85	-5.85	-6.11	-5.3	-9.23	-21.15	-15.87	-15.45	-11.52	-3.94	-1.68	-2.19	-4.48	-11.94	-12.96	-9.63	-12.23	-22.41	-10.56	-8.63	-7.12	-7.22	-14.65	-13.16
θ (60°)	-4.45	-3.02	-5.04	-7.24	-5.74	-13.41	-7.43	-17.42	-16.9	-14.98	-11.3	-12.39	-7.11	-12.5	-12.79	-6.81	-11.5	-25.42	-17.84	-11.86	-9.12	-8.07	-6.42	-3.88	-4.45
θ (75°)	-3.59	-2.94	-8	-2.76	-6.23	-11.74	-21.9	-15.12	-46.94	-8.79	-7.22	-3.98	-0.19	-3.94	-8.53	-6.09	-4.84	-7.15	-7.19	-6.29	-14.94	-9.46	-1.99	0.48	-3.59
θ (90°)	-11.53	-5.44	0.08	-2.82	-7.42	-18.41	-13.41	-13.18	-28.41	-23.44	-18.2	-12.77	-9.21	-18.03	-11.15	-20.28	-10.29	-11.04	-9.76	-5.03	-11.08	-14.85	-5.31	-6.1	-11.53
θ (105°)	-2.39	-1.58	-5.01	-9.31	-8.39	-23.68	-11.31	-10.92	-11.53	-7.36	-11.13	-7.56	-2.41	-8.44	-9.05	-9.59	-16.04	-18.54	-26.03	-9.31	-10.88	-11.46	-2.1	-1.59	-2.39
θ (120°)	-10.96	-5.28	-3.42	-5.63	-24.2	-10.25	-10.2	-10.57	-10.41	-8.08	-11.81	-11.87	-19.81	-8.48	-11.83	-5.71	-10.81	-6.18	-22.95	-26.1	-17.93	-7.81	-8.78	-9.43	-10.96
θ (135°)	-16.43	-9.17	-4.64	-7.46	-7.3	-11.28	-15.6	-12.11	-9.63	-12.65	-14.56	-10.02	-9.7	-13.57	-11.97	-13.52	-11.79	-15.43	-19.95	-21.97	-6.68	-4.49	-10.56	-12.95	-16.43
θ (150°)	-5.25	-2.66	-0.16	[2.06]	0.67	-6.58	-9.45	-11.88	-9.5	-9.53	-5.4	-10.48	-7.58	-4.81	-13.56	-10.89	-18.92	-16.66	-9.96	-10.42	-5	-4.31	-4.37	-7.48	-5.25
θ (165°)	-5.06	-2.08	-0.49	-0.95	-3.21	-7.67	-12.38	-10.53	-6.17	-5.52	-7.24	-13.18	-14.72	-14.39	-27.2	-25.43	-32.05	-18.42	-13.49	-14.78	-18.15	-20.84	-20.36	-12.81	-5.06
θ (180°)	-11.39	-9.74	-9.16	-9.69	-10.87	-10.45	-14.02	-20.29	-27.19	-25.12	-21.24	-17.52	-13.45	-10.59	-10.47	-11.87	-14.41	-14.3	-13.69	-14.35	-15.12	-16.81	-16.84	-14.96	-11.39

Ant.	No.0																								
Freq. (MHz)	6475																								
Polarity	Theta																								
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 (360°)
θ (0°)	-23.92	-15.16	-9.75	-6.71	-5.12	-3.92	-3.81	-4.21	-4.92	-6.81	-9.5	-14.2	-26.29	-18.81	-11.06	-7.48	-5.08	-4.51	-3.67	-3.73	-4.57	-6.03	-8.6	-13.2	-23.92
θ (15°)	-11.36	-13.91	-10.63	-8.13	-7.43	-8.35	-12.02	-12.91	-17.3	-14.39	-10.42	-7.86	-6	-5.5	-5.52	-5.58	-4.85	-2.76	-1.8	-1.43	-1.67	-2.4	-3.86	-6.15	-11.36
θ (30°)	-7.06	-10.69	-16.77	-20.65	-11.49	-15.78	-20.47	-15.5	-14.45	-12.21	-9.71	-16.03	-17.92	-9.05	-5.09	-2.53	-1.1	-0.1	-0.32	-0.88	0.88	0.65	-1.28	-2.89	-7.06
θ (45°)	-3.03	-4.22	-7.75	-12.77	-16.08	-26.55	-18.38	-17.61	-15.03	-8.38	-3.06	-2.57	-1.18	-0.32	0.19	-1.16	-3.55	0.59	1.73	0.83	1.64	0.49	0.62	0	-3.03
θ (60°)	-8.79	-6.36	-3.23	-5.51	-5.31	-8.72	-3.65	-8.82	-16.11	-9.2	-7.11	-4.07	-6.4	-4.42	-3.59	-4.35	-3.35	-2.58	-3.18	-2.6	0.98	1.5	0.8	-4.22	-8.79
θ (75°)	-5.54	-2.13	-0.72	-0.54	-4.08	-2.89	-2.96	-4.33	-5.83	-7.63	-5.07	-2.28	-5.44	-2.94	-0.66	-1.58	-2.16	-0.58	0.15	-1.51	-2.46	2.32	0.26	-2.57	-5.54
θ (90°)	-2.61	-4.68	-1.77	-0.74	-3.41	-3.94	-3.78	-1.9	-3.42	-3.98	-2.05	-6.29	-12.1	-12.2	-4.09	-10.04	-1.73	-3.7	-4.63	-1.47	-3.87	2	1.74	-3.38	-2.61
θ (105°)	-3.96	-2.52	1.18	-3.44	-2.88	-1.91	0.03	0.96	-2.51	-1.29	-1.73	-4.18	-6.87	-9.07	-1.82	-2.69	-8.77	-4	-7.45	-9.61	-1.42	2.91	-1.41	-2.34	-3.96
θ (120°)	-2.72	0.47	2.26	-1.53	-2.25	1.17	0.22	0.5	0.06	-0.31	-0.64	-0.3	-6.95	-8.99	-5	-4.03	-12.15	-6.04	-6.41	-9.19	-4.81	-1.01	-3.8	-14.4	-2.72
θ (135°)	-2.99	-3.55	-10.38	0.12	1.09	1.24	-0.07	0.7	0.11	0.23	-4.81	-0.57	-8.03	-14.32	-10.35	-10.73	-10.02	-8	-5.81	-9.86	-8.86	-10.47	-15.75	-25.32	-2.99
θ (150°)	-2.67	-1.58	-2.95	-2.34	2.86	[3.81]	-0.42	-2.23	-4.08	-2.73	-3.67	-3.25	-9.8	-23.04	-24.24	-14.17	-18.46	-11.24	-9.94	-13.56	-20.78	-15.65	-16.43	-12.97	-2.67
θ (165°)	-7.35	-3.38	-1.65	-1.17	-0.89	-1.12	-3.19	-8.49	-24.32	-9.8	-5.34	-6.26	-9.41	-11.37	-10.33	-10.52	-11.6	-14.19	-16.68	-27.06	-22.24	-23.6	-26.13	-16.52	-7.35
θ (180°)	-15.74	-19.16	-17.49	-15.26	-11.8	-9.4	-8.03	-7.31	-7.5	-9.35	-11.02	-14.04	-16.79	-17.01	-15.2	-11.56	-8.73	-7.89	-7.69	-7.11	-6.78	-7.32	-9.13	-11.38	-15.74
Polarity	Phi																								
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 (360°)
θ (0°)	-3.27	-3.71	-4.78	-6.73	-10.07	-16.49	-23.32	-13.65	-9.22	-6.43	-4.62	-3.44	-3.05	-3.46	-3.93	-5.48	-8.2	-13.04	-26.17	-15.86	-9.53	-6.17	-4.5	-3.45	-3.27
θ (15°)	-4.08	-5.16	-7.96	-13.14	-15.41	-8.58	-6.17	-6.03	-7.24	-9.97	-9.59	-7.22	-7.87	-12.69	-23.02	-13.39	-10.55	-12.29	-17.13	-15.57	-17.48	-11.24	-6.5	-4.93	-4.08
θ (30°)	-3.26	-6.96	-11.56	-14.24	-10.05	-7.24	-15.42	-9.35	-5.49	-6.16	-3.27	-1.38	-0.57	0.43	0.03	-3.59	-8.68	-8.73	-13.49	-12.28	-8.34	-8.51	-7.16	-2.93	-3.26
θ (45°)	-2.17	-6.07	-13.08	-6.7	-7.98	-10.98	-11.26	-10.6	-8.99	-10.14	-13.17	-5.95	-8.68	-9.95	-7.15	-5.99	-11.54	-23.9	-15.23	-30.43	-8.34	-8.15	-7.1	-3.26	-2.17
θ (60°)	-11.84	-8.36	-4.8	-11.09	-8.19	-6.58	-15.34	-15.12	-13.58	-13.04	-9.76	-6.96	-9.24	-8.71	-13.13	-15.8	-15.63	-30.66	-18.99	-12.61	-13.61	-6.64	-5.74	-7.13	-11.84
θ (75°)	0.78	0.63	-9.66	-7.11	-6.13	-16.38	-16.43	-12.31	-15.98	-9.57	-4.47	-1.24	-1.42	-2.47	-10.28	-7.52	-3.83	-5.81	-10.24	-12.45	-10.98	-1.87	-0.26	-2.21	0.78
θ (90°)	-6.3	-10.25	-3.94	-4.62	-4.45	-15.22	-26.41	-7.38	-15.79	-15.63	-24.64	-12.07	-18.43	-17.3	-7.35	-19.78	-10.32	-6.1	-6.43	-9.14	-18.8	-4.61	-1.96	-7.95	-6.3
θ (105°)	-0.28	-0.63	-3.38	-11.92	-13.04	-13.66	-12.13	-12.16	-11.84	-7.93	-5.58	-7.27	-5.11	-8.08	-5.58	-14.95	-10.93	-13.52	-10.69	-9.94	-24.47	-6.48	-3.45	-6.17	-0.28
θ (120°)	-5	-0.66	-4.16	-8.79	-8.49	-25.48	-8.53	-15.31	-15.13	-10.92	-8.63	-4.94	-11.34	-14.63	-7.61	-9.47	-8.67	-10	-23.48	-13.32	-12.29	-5.3	-14.69	-4.92	-5
θ (135°)	-5.31	-8.47	-8.37	-10.57	-15.3	-17.86	-15.21	-14.69	-8.42	-8.28	-8.11	-8.28	-13.71	-22.28	-9.08	-17.65	-3.99	-12.68	-21.06	-10.66	-7.01	-11.48	-25.41	-14.87	-5.31
θ (150°)	-4.31	-1.72	[1.28]	0.88	-3.15	-11.65	-17.86	-16.48	-21.66	-7.77	-6.73	-7.82	-18.83	-6.78	-14.13	-10.43	-15.18	-19.55	-7.07	-8.57	-2.99	-4.14	-4.17	-5.74	-4.31
θ (165°)	-4.31	-4.02	-4.14	-3.81	-5.83	-13.16	-22.3	-18.14	-9.9	-7.75	-10.41	-10.5	-9.7	-10.77	-12.19	-19	-22.07	-19.48	-9.18	-8.81	-15.35	-13.29	-9.06	-6.67	-4.31
θ (180°)	-6.72	-6.63	-6.77	-8.57	-9.26	-10.94	-14.79	-30.41	-19.55	-14.67	-13.88	-12.56	-9.51	-7.83	-7.72	-10.56	-14.55	-16.71	-17.25	-17.48	-16.79	-13.55	-10.75	-8.45	-6.72

Ant.	No.0																								
Freq. (MHz)	6695																								
Polarity	Theta																								
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 (360°)
θ (0°)	-13.62	-11.92	-8.65	-6.9	-4.79	-3.68	-3.49	-3.71	-4.16	-5.88	-8.37	-11.52	-14.7	-12.5	-9.02	-5.94	-4.38	-3.88	-3.44	-3.79	-4.93	-6.42	-8.36	-11.11	-13.62
θ (15°)	-12.2	-10.53	-10.88	-10.17	-8.98	-10.04	-12.14	-11	-11.59	-14.39	-18.57	-13.73	-9.54	-8.76	-8.7	-7.99	-4.5	-1.78	-1.89	-2.76	-3.09	-3.3	-5.97	-11.13	-12.2
θ (30°)	-19.12	-24.41	-13.78	-10.29	-24.95	-18.45	-17.98	-17.26	-12.22	-12.95	-10.19	-10.7	-10.66	-9.03	-6.92	-4.36	-4.71	-1.93	-0.03	-0.51	0.86	1.38	-0.51	-5.53	-19.12
θ (45°)	-3.2	-7.34	-8.28	-7.69	-13.09	-17.22	-14.95	-18.86	-14.27	-7.14	-3.74	-3.11	-1.4	0.56	0.69	-0.16	-2.93	0.35	1.83	0.75	1.2	1.49	1.18	-1.01	-3.2
θ (60°)	-6.85	-4.62	-5.78	-6.94	-8.46	-14.35	-7.55	-8.02	-11.25	-15.33	-11.47	-9.79	-7.4	-5.82	-2.06	-2.13	-2.41	-4.38	-1.27	0.86	-0.2	1.75	0.3	-3.71	-6.85
θ (75°)	-4.49	-4.28	-0.74	-1.98	-3.71	-4.57	-4.75	-4.2	-5.49	-14.02	-8.72	-2.75	-4.88	-2.95	-1.73	-2.75	-4.49	-0.8	-2.03	-4.85	-0.76	2.46	0.25	-4.72	-4.49
θ (90°)	-2.21	-2.7	-2.06	1.49	-3.61	-3.2	-7.44	-2.67	-0.66	-4.83	-2.18	-5.67	-16.42	-14.85	-2.59	-7.75	-1.17	-4.29	-1.4	-1.36	-6.8	1.95	0.61	-1.8	-2.21
θ (105°)	-2	-6.36	0.23	-0.48	-4.06	-3.26	0.07	0.9	-3.06	-0.26	-0.1	-2.27	-11.87	-9.35	-2.55	-5.41	-8.3	-3.95	-7.3	-6.95	-2.14	1.4	-0.34	-0.89	-2
θ (120°)	-2.97	-3.17	2.27	-2.95	-5.67	1.25	1.65	-1.22	0.2	0.63	1.09	-1.21	-11.25	-9.42	-3.66	-7.64	-13.19	-5.99	-5.75	-7.64	-5.1	0.92	-3.28	-8.07	-2.97
θ (135°)	-0.37	-2.4	-12.66	-2.77	0.9	1.91	-0.32	-0.38	0	0.61	-3.07	-0.72	-6.34	-13.27	-6.61	-5.26	-10.4	-6.53	-6.72	-12.12	-13.31	-15.43	-16.53	-17.96	-0.37
θ (150°)	-2.45	-2.18	-4.45	-1.3	2.48	[3.39]	-0.09	-3.27	-2.56	-5.27	-4.34	-2.44	-4.41	-17.18	-15.03	-9.56	-17.56	-11.73	-12.6	-20.12	-17.03	-20.37	-32.04	-9.09	-2.45
θ (165°)	-9.47	-6.11	-5.16	-2.64	-0.32	-0.17	-1.73	-6.03	-17.29	-17.41	-8.81	-8.13	-12.84	-16.22	-14.93	-11.87	-12.31	-17.97	-18.94	-18.56	-15.41	-16.93	-20.96	-23.6	-9.47
θ (180°)	-18.45	-23.03	-19.99	-12.93	-10.54	-8.57	-6.66	-6.35	-6.89	-7.85	-10.4	-12.78	-17.01	-20.97	-15.42	-9.76	-7.82	-7.42	-6.79	-6.62	-6.44	-7.56	-9.53	-11.88	-18.45
Polarity	Phi																								
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 (360°)
θ (0°)	-3.5	-3.79	-4.93	-5.72	-8.75	-12.14	-14.46	-12.62	-7.79	-5.39	-3.94	-2.93	-2.62	-3.05	-3.88	-5.7	-8.16	-11.35	-13.34	-10.96	-8.02	-5.55	-4.37	-3.81	-3.5
θ (15°)	-3.75	-6.19	-8.76	-12.52	-20.07	-16.12	-11.76	-11.17	-11.57	-9.83	-9.48	-11.02	-17.95	-20.23	-10.42	-7.37	-7.19	-12.18	-24.8	-20.71	-12.91	-6.66	-3.11	-2.4	-3.75
θ (30°)	-2.95	-7.23	-12.19	-9.19	-9.46	-11	-10.06	-25.56	-6.87	-5.91	-3.79	-0.58	0.5	-0.15	-1	-5.83	-25.34	-10.18	-16.31	-10.36	-10.69	-9.56	-3.46	-1.01	-2.95
θ (45°)	0.56	-3.55	-10.25	-14.92	-11.15	-9.19	-19.86	-11.07	-13.16	-8.13	-7.07	-6.42	-8.37	-13.7	-7.77	-5.51	-12.46	-12.59	-22.79	-15.42	-7.47	-6.82	-5.22	-0.72	0.56
θ (60°)	-6.26	-6.81	-7.98	-10.34	-17.27	-9.8	-13.3	-13.03	-20.42	-11.72	-16.39	-10.34	-8.15	-10.7	-6.41	-9.44	-13.07	-20.79	-14.82	-13.91	-9.89	-7.1	-8.43	-10.01	-6.26
θ (75°)	-3.41	-1.17	-5.49	-10.34	-5.64	-8.27	-23.65	-10.6	-8.92	-7.6	-4.63	-0.7	-1.38	-2.22	-9.31	-5.29	-7.03	-13.13	-11.27	-10.95	-9.93	-2.47	-4.02	-5.86	-3.41
θ (90°)	-2.11	-3.52	-5.77	-3.32	-4.22	-16.27	-22.2	-14.11	-10.63	-14.72	-20.93	-16.76	-12.87	-12.33	-7.8	-11.89	-9.08	-8.38	-7.13	-17.33	-19.04	-3.95	-4.15	-4.5	-2.11
θ (105°)	-2.7	-1.76	-4.31	-7.75	-6.86	-9.51	-14.5	-17.32	-12.41	-12.74	-5.95	-5.13	-5.87	-6.24	-3.98	-17.51	-10.01	-22.61	-10.35	-18.15	-11.68	-5.46	-6.36	-4.72	-2.7
θ (120°)	-4.32	-2.02	-5.16	-4.59	-7.7	-18.18	-7.03	-14.39	-10.31	-8.43	-13.19	-3.84	-13.17	-10.72	-7.15	-9.05	-8.46	-12.47	-21.34	-17.39	-7.29	-6.75	-4.46	-4.61	-4.32
θ (135°)	-4.59	-3.37	-13.47	-11.72	-8.1	-9.85	-9.59	-9.45	-8.83	-8.3	-13.11	-7.42	-8.16	-29.52	-9.42	-11.33	-5.22	-11.09	-18.62	-11.44	-13.1	-26.75	-9.73	-7.87	-4.59
θ (150°)	-2.37	0.99	[1.93]	-0.68	-4.47	-10.1	-28.52	-14.92	-18.32	-6.35	-4.63	-4.74	-16.12	-7.95	-10.45	-11.28	-11.84	-26.39	-10.22	-6.79	-5.41	-7.54	-5.97	-7.49	-2.37
θ (165°)	-3.51	-3.54	-2.97	-1.74	-3.82	-9.28	-14.22	-23.79	-13.64	-8.87	-9.36	-9.88	-9.35	-10.91	-17.09	-26.73	-23.99	-16.14	-13.18	-12.49	-14.64	-9.15	-5.47	-4.04	-3.51
θ (180°)	-6.05	-5.97	-6.58	-8.08	-9.25	-10.72	-14.93	-31.8	-18.21	-13.5	-13.67	-12.66	-9.94	-7.21	-8.37	-10.2	-12.64	-17.03	-19.37	-19.34	-15.33	-11.99	-9.88	-7.92	-6.05

Ant.	No.0																								
Freq. (MHz)	6995																								
Polarity	Theta																								
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 (360°)
θ (0°)	-14.56	-11.9	-10.35	-8.56	-7.41	-7.03	-6.57	-7.22	-9.31	-12.7	-18.28	-22.17	-16.17	-11.72	-8.28	-8.5	-7.6	-7.51	-8.46	-9.74	-11.3	-15.17	-24.77	-25.5	-14.56
θ (15°)	-17.59	-18.89	-13.65	-13.96	-12.19	-9.39	-10.32	-11.15	-11.86	-11.98	-15.55	-19.32	-12.27	-8.19	-5.65	-2.26	-1.2	-2.18	-3.46	-3.62	-2.4	-2.91	-4.87	-8.19	-17.59
θ (30°)	-11.27	-19.71	-11.31	-6.56	-6.56	-10.81	-10.22	-10.53	-6.95	-3.98	-4.08	-7.58	-11.02	-5.55	-4.3	-5.88	-1.95	1.03	0.73	1.28	1.35	-0.48	-2.4	-5.16	-11.27
θ (45°)	-10.98	-16.13	-7.51	-5.52	-6.12	-15.84	-27.39	-19.49	-12.38	-13.95	-4.51	-0.62	-2.67	-2.62	-1.03	-2.85	-2.74	0.46	0.34	1.11	1.06	1.53	1.62	-0.01	-10.98
θ (60°)	-2.36	-2.83	-3.21	-6.69	-5.24	-10.16	-4.29	-8.27	-20.35	-11.01	-20.58	-11.19	-9.49	-3.24	-1.88	-2.27	-2.99	-3.8	0.51	-1.23	0.44	2.81	2.01	0.25	-2.36
θ (75°)	-0.56	0.94	-2.95	-4.31	-1.56	-6.53	-3.65	-3.44	-3.41	-4.59	-7.25	-7.72	-6.59	-0.84	-0.9	-6.77	-3.45	-0.11	-3.13	-4.51	2.52	[3.05]	-0.47	-2.97	-0.56
θ (90°)	1.25	1.59	-3.21	-0.11	-0.67	-4.19	-5.27	-2.2	-0.61	-12.25	-3.15	-5.06	-18.24	-10.79	-2.08	-7.04	-2.54	-2.79	-1.92	-3.22	-4.29	1.09	-2.83	-2.49	1.25
θ (105°)	1.9	-2.65	-1.01	0.77	-6.07	-2.77	0.39	0.92	-2.37	-0.61	0.55	-3.76	-14.09	-11.56	-3.44	-8.29	-6.82	-5.51	-10.67	-7.88	-4	1.34	-1.35	-0.18	1.9
θ (120°)	-8.59	-4.54	1.48	-1.38	-0.93	0.45	2.37	0.02	0.87	0.03	1.36	-2.35	-9.95	-19.67	-6.22	-8.64	-12.67	-7.7	-7.98	-8.69	-1.51	0.68	-6.94	-4.13	-8.59
θ (135°)	-0.5	-3.83	-2.44	-10.61	1.23	2.87	-0.8	0	0.03	-1.14	-0.35	-1.28	-4.17	-22.08	-6.92	-12.07	-7.67	-7.6	-14.23	-17.86	-11	-12.18	-14.36	-14.36	-0.5
θ (150°)	-2.58	-3.53	-6.99	-2.62	0.86	2.11	-0.18	-3.67	-3.8	-6.73	-3.85	-1.97	-2.86	-9.46	-7.78	-9.28	-24.9	-7.6	-10.22	-15.1	-7.6	-11.62	-26.49	-7.35	-2.58
θ (165°)	-9.46	-7.5	-4	-0.04	1.73	0.65	-1.48	-4.4	-9.28	-23.96	-12.89	-10.84	-13.68	-12.01	-10.25	-11.57	-16.7	-14.05	-16.85	-11.43	-14	-21.65	-27.77	-16.05	-9.46
θ (180°)	-17.62	-16.43	-14.54	-12.71	-10.78	-9.64	-8.57	-7.47	-7.3	-9.6	-12.97	-16.61	-16.82	-16.81	-12.44	-10.22	-9.95	-8.21	-8.08	-8.81	-9.31	-10.75	-13.41	-14.74	-17.62
Polarity	Phi																								
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 (360°)
θ (0°)	-10.14	-11.3	-12.88	-16.67	-20.1	-18.03	-13.02	-10.24	-8.25	-6.57	-6.48	-6.19	-6.56	-8.32	-11.85	-14.45	-26.15	-21.41	-15.42	-11.84	-9.97	-8.9	-8.65	-8.92	-10.14
θ (15°)	-3.34	-5.29	-9.62	-11.75	-12.96	-11.17	-8.13	-6.93	-6.94	-7.8	-5.34	-3.48	-2.92	-2.92	-3.26	-4.12	-8.31	-17.17	-20.11	-30.71	-13.72	-6.89	-4.07	-2.82	-3.34
θ (30°)	-1.92	-2.15	-5.71	-8.41	-4.07	-4.16	-6.51	-12.26	-18.59	-6.47	-3.35	-0.91	1.07	0.19	-4.33	-23.65	-7.89	-8.05	-19.67	-18.21	-10.43	-7.8	-5.37	-3.4	-1.92
θ (45°)	-3.58	-3.78	-2.11	-4.4	-5.41	-8.23	-10.97	-9.05	-10.88	-11.06	-12.98	-8.94	-7.9	-6.5	-6.65	-10.28	-10.74	-6.2	-13.75	-11.4	-8.68	-6.2	-2.92	-1.25	-3.58
θ (60°)	-0.65	-5.01	-7.4	-9.33	-6.87	-24.64	-10.12	-11.96	-10.8	-4.84	-9.02	-6.79	-7.92	-7.32	-9.38	-10.87	-14.14	-25.92	-14.57	-15.33	-8.19	-6.77	-8.28	-0.25	-0.65
θ (75°)	-7.93	-6.73	-4.37	-12.14	-8.62	-9.43	-9.61	-15.05	-25.82	-12.16	-7.62	-1.42	-1.08	-3.97	-9.39	-1.6	-7.68	-16.18	-24.49	-6.22	-8.36	-2.99	-4.87	-4.47	-7.93
θ (90°)	[1.32]	-0.35	-6.44	-2.46	-1.75	-8.24	-23.5	-16.95	-14.24	-23.73	-18.75	-9.42	-6.43	-8.17	-9.1	-10.35	-10.01	-16.74	-9.74	-11.75	-6.24	-3.47	-3.64	-2.02	1.32
θ (105°)	-6.8	-7.3	-4.31	-4.76	-11.28	-12.67	-9.98	-8.67	-7.86	-14.93	-9.82	-6.03	-7.86	-12.57	-6.16	-26.37	-16.86	-19.6	-10.85	-19.65	-7.96	-9.74	-8.05	-4.19	-6.8
θ (120°)	-1.45	-2.91	-3.49	-2.73	-5.82	-8.76	-15.05	-10.54	-9.62	-8.77	-11.17	-5.3	-8.53	-6.08	-8.35	-18.43	-8.63	-20.87	-29.36	-22.35	-7.34	-3.82	-3.28	-3.91	-1.45
θ (135°)	-3.2	-4.11	-11.54	-18.71	-12.58	-9.98	-16.99	-20.98	-19.8	-9.35	-15.82	-8.55	-12.17	-13.07	-13.55	-7.81	-6.68	-20.25	-25.53	-8.77	-12.06	-6.49	-9.88	-6.45	-3.2
θ (150°)	-3.67	-0.89	1.32	-0.86	-6.53	-10.86	-13.24	-14.74	-9.41	-7.72	-4.87	-4.06	-9.92	-11.1	-13.95	-15.09	-15.69	-9.46	-7.24	-4.74	-5.84	-4.47	-7.59	-6.67	-3.67
θ (165°)	-3.13	-2.58	-1.5	-1.49	-3.94	-9.35	-14.4	-24.07	-19.04	-9.78	-8.67	-9.23	-7.35	-9.06	-14.22	-24.26	-27.08	-18.23	-10.12	-17.34	-10.32	-5.71	-3.74	-3.21	-3.13
θ (180°)	-7.94	-7.63	-9.4	-11.44	-13.25	-13.27	-15.86	-16.54	-14.24	-12.34	-12.46	-13.5	-10.47	-9.58	-11.42	-12.73	-18.36	-22.5	-17.06	-13.97	-11.04	-9.75	-8.43	-7.72	-7.94

Ant.	No.1																								
Freq. (MHz)	6175																								
Polarity	Theta																								
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 (360°)
θ (0°)	-8.3	-9.14	-10.75	-11.87	-14.9	-16.57	-17.73	-14.2	-11.28	-9.68	-8.75	-8.11	-7.68	-7.61	-8.6	-10.09	-13.35	-18.45	-20.75	-17.81	-13.95	-12.06	-10.06	-9.74	-8.3
θ (15°)	-20.06	-14.75	-16.15	-17.34	-13.98	-10.43	-7.92	-6.7	-6.13	-4.88	-2.28	-0.89	-1.47	-2.17	-2.6	-4.16	-8.56	-17.2	-12.76	-9.58	-9.25	-11.48	-16.4	-22.22	-20.06
θ (30°)	-18.73	-17.63	-22.12	-23.57	-13.53	-12.02	-9.55	-6.22	-4.75	-7.31	-1.93	1.66	-0.2	-2.51	-0.07	-1.35	-1.87	-2.17	-4.19	-5.34	-7.83	-12.4	-15.35	-26.06	-18.73
θ (45°)	-10.1	-14.86	-20.48	-29.4	-17.84	-9.73	-5.43	-3.8	-3.11	-5.14	-1.12	0.67	-3.03	0.04	-1.24	-5.33	-4.94	-9.28	-6.58	-5.26	-7.56	-9.77	-14.94	-12.72	-10.1
θ (60°)	-5.97	-5.22	-14.06	-10.66	-5.87	-6.34	-3.05	-0.67	-1.67	-0.81	-1.84	-2.44	-5.87	-0.52	-9.98	-3.01	-4.34	-5.42	-9.06	-7.18	-4.65	-3.76	-5.35	-4.92	-5.97
θ (75°)	-7.08	-2.3	-6.66	-9.44	-7.03	-6.03	-3.09	-3.66	-0.47	[2.79]	-0.41	-3.09	-3.29	-8.36	-2.89	-4.4	-3.74	-1.92	-3.35	-5.01	-10.42	-11.07	-5.97	-6.98	-7.08
θ (90°)	-5.39	-4.06	-1.79	-1.85	0.67	-5.03	-3.82	-4.82	-4.31	-0.48	-2.49	-2.29	-5.14	-3.57	-1.07	-0.88	-3.15	-0.94	-5.84	-6.28	-2.84	-7.55	-5.3	-1.65	-5.39
θ (105°)	-4.29	-0.28	-6.91	-2.72	0.8	-8.09	-10.68	-3.87	-3.49	-4.56	-5.64	-4.5	-4.21	-4.44	1.14	-2.89	-1.06	1.28	-4.5	-15.44	-9.73	-5.64	-3.43	-1.88	-4.29
θ (120°)	-1.61	-2.45	-2.07	-3.59	-5.25	-1.14	-2.72	-5.3	-7.91	-9	-11.05	-14.43	-10.94	-27.17	-7.4	-21.62	-5.83	-4.82	-5.78	-7.52	-10.14	-3.27	-1.32	0.2	-1.61
θ (135°)	-0.9	-2.27	0.71	-1.44	-0.89	-2.76	-8.3	-13.03	-7.7	-16.59	-15.05	-19.93	-9.17	-10	-16.63	-9.23	-8.59	-13.14	-9.6	-7.52	-5.48	-2.37	-4.25	-1.78	-0.9
θ (150°)	-3.12	-1.45	-3.57	-0.74	-5.32	-7.71	-10.85	-17.17	-13.37	-20.72	-21.3	-14.5	-10.68	-15.88	-22.97	-10.6	-9.67	-12	-12.38	-9.13	-11.83	-12.32	-6.83	-5.35	-3.12
θ (165°)	-5.72	-3.14	-4.02	-6.05	-5.87	-8.4	-13.4	-21.4	-14.72	-10.77	-9.27	-9.94	-11.94	-13.21	-17.04	-26.19	-23.12	-26.17	-22.01	-21.46	-15.99	-12.8	-10.8	-8.27	-5.72
θ (180°)	-10.34	-9.49	-9.6	-9.58	-11.42	-14.87	-16.48	-22.52	-19.41	-14.57	-8.88	-6.98	-6.77	-7.19	-8.27	-9.73	-11.4	-13.25	-16.91	-20.39	-19.93	-17.24	-16.12	-14.85	-10.34
Polarity	Phi																								
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 (360°)
θ (0°)	-14.32	-12.02	-9.88	-8.54	-6.89	-6.65	-5.72	-6.82	-7.26	-9.83	-12.07	-15.92	-21.03	-16.25	-11.55	-8.63	-7.39	-7.29	-7.68	-8.93	-10.61	-12.12	-14.69	-16.78	-14.32
θ (15°)	-17.23	-16.95	-13.59	-11.58	-10.46	-9.46	-10.63	-11.95	-12.42	-9.86	-9.53	-15.77	-15.17	-9.17	-4.55	-0.99	0.18	-0.13	-1.94	-4.57	-9.51	-15.84	-23.8	-20.15	-17.23
θ (30°)	-10.04	-10.28	-10.63	-10.98	-13.39	-10.62	-6.42	-3.75	-4.83	-6.84	-5.99	-8.45	-14.39	-29.12	-7.22	-4.58	-5.42	-4.43	-3.01	-3.32	-3.35	-5.23	-9.66	-9.01	-10.04
θ (45°)	-19.39	-31.59	-11.36	-6.38	-6.46	-5.11	-1.19	0.75	-0.18	-3.1	-10.52	-15.05	-20.06	-20.09	-5.88	-4.55	-3.59	-3.17	-3.54	-2.1	-1.53	-4.28	-6.22	-10.51	-19.39
θ (60°)	-12.29	-4.09	-1.66	-4.45	-2.02	-5.13	-1.41	0.81	0.25	-2.73	-25.58	-9.37	-18.17	-12.02	-7.83	-4.99	-0.73	-1.97	-9.07	-12.39	-8.58	-11.08	-11.79	-9.39	-12.29
θ (75°)	-14.99	-11.04	-5.08	-7.76	-3.07	-5.12	-3.91	-3.96	-2.78	-4	-7.63	-7.48	-24.14	-11.15	-8.09	-3.05	-6.73	-3.04	-4.2	-3.45	-4.68	-9.14	-15.12	-18.7	-14.99
θ (90°)	-14.35	-14.02	-6.12	-4.7	-3.5	-4.98	-4.4	-2.1	-0.89	-3.04	-12.41	-21.1	-10.04	-6.79	-14.03	-5.02	-1.05	-9.06	-12.02	-7.27	-5.83	-7.37	-9.19	-4.55	-14.35
θ (105°)	-6.28	-14.53	-10.43	-6.02	-2.84	-2.63	-6.45	-6.68	-2.28	-5.56	-9.74	-10.98	-7.35	-8.76	-4.9	-1.04	-2.54	-3.18	-3.52	-7.63	-16.61	-5.18	-3.41	-9.59	-6.28
θ (120°)	-8.48	-19.84	-14.06	-10.91	-3.74	-1.96	-1.53	-3.29	-7.98	-7.69	-14.26	-2.37	-10.7	-10.83	-2.15	-2.92	-4.52	-3.09	-15.4	-6.88	-6.76	-6.12	-1.87	-8.07	-8.48
θ (135°)	-8.85	-9.25	-12.76	-7.31	-7.73	-3.98	-2.93	-1.11	-6.41	-7.88	-10.01	-11.31	-13.1	-9.35	-7.01	-12.13	-10	-18.26	-7.96	-9.4	-7.79	-5.81	-4.6	-7.59	-8.85
θ (150°)	-26.75	-27.21	-11.04	-6.51	-5.92	-1.62	[0.97]	-1.85	-3.57	-6.39	-11.5	-19.23	-15.99	-14.71	-10.34	-11.87	-16.83	-7.44	-6.24	-7.08	-8.6	-5.97	-4.86	-8.45	-26.75
θ (165°)	-19.44	-13.45	-6.87	-5.81	-4.74	-2.85	-3.82	-5.78	-9.89	-11.36	-17.75	-16.27	-17.96	-20.77	-15.31	-18.12	-16.87	-11.42	-14.14	-21.69	-15.37	-14.81	-15.56	-16.53	-19.44
θ (180°)	-17.03	-21.1	-23.89	-15.72	-11.79	-11.07	-10.97	-11.67	-11.29	-9.8	-9.03	-10.83	-14.57	-15.95	-12.73	-10.46	-8.53	-7.36	-7.92	-8.08	-10.87	-11.06	-11.74	-13.91	-17.03

Ant.	No.1																									
Freq. (MHz)	6475																									
Polarity	Theta																									
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 (360°)	
θ (0°)	-4.21	-5.02	-6.74	-10.01	-17.13	-21.13	-13.8	-9.03	-6.87	-5.6	-4.97	-5.01	-5.3	-6.25	-7.8	-11.21	-17.38	-20.53	-13.09	-10.16	-6.9	-4.72	-3.95	-3.83	-4.21	
θ (15°)	-4.11	-6.84	-7.49	-6.57	-8.59	-11.23	-6.77	-3.33	-2.04	-3.43	-5.21	-4.43	-3.69	-3.55	-3.78	-4.8	-7.15	-11.27	-16.73	-30.04	-13.57	-7.08	-4.1	-3.32	-4.11	
θ (30°)	-11.47	-11.94	-22.1	-13.19	-13.3	-16.96	-4.7	-0.35	0.47	-0.76	-3.68	-1.06	0.7	-1.86	-4.38	-3.41	-3.66	-5.34	-10.11	-10.13	-11.85	-20.69	-22.8	-12.4	-11.47	
θ (45°)	-10.64	-18.79	-17.99	-21.89	-12.05	-7.21	-3.41	-1.21	-0.88	-1.03	-3.93	-3.19	-0.25	-5.35	-2.32	-3.71	-1.19	-3.53	-6.11	-5.62	-11.83	-14.38	-6.97	-6.45	-10.64	
θ (60°)	-5.87	-11.54	-23.04	-13.26	-6.1	-9.84	-1.83	-1.15	-3.62	-3.59	-0.4	-2.83	-3.86	-0.25	-1.29	-8.1	-5.43	-4.55	-3.42	-5.81	-7.98	-4.83	-3.73	-5.74	-5.87	
θ (75°)	-3.45	-5.35	-9.04	-10.74	-3.19	-4.14	0.01	-1.41	-4.73	0.99	0.91	-3.25	-1.09	-2.52	-4.3	-6.34	-2.9	-3.8	-4.12	-5.62	-7.34	-14.82	-11.09	-11.88	-3.45	
θ (90°)	-3.92	-2.98	-0.43	-9.85	-2.28	-4.18	0.92	-2.53	-7.01	0.42	-0.47	-2.49	-5.85	-5.51	-2.74	-0.87	-3.9	-2.35	-8.97	-6.63	-3.1	-5.73	-3.4	-2.73	-3.92	
θ (105°)	-8.17	-1.46	-2.69	-0.05	0.48	-6.4	-4.52	-4.88	0.02	-0.93	-6.47	-4.11	-5.7	-4.55	-0.16	-0.6	-3.12	-0.34	-6.55	-14.46	-6.26	-2.78	-3.06	-0.62	-8.17	
θ (120°)	-2.65	-3.22	-5.4	-6.71	-2.39	-3.66	-5.56	-3.73	-7.78	-10.63	-6.44	-6.13	-14.32	-17.54	-8.13	-10.24	-8.46	-5.74	-6.65	-8.32	-11.6	-2.64	-2.15	0.39	-2.65	
θ (135°)	-0.86	-2.05	-3.08	[1.37]	-0.99	-1.26	-6.16	-10.79	-7.87	-12.55	-10.99	-14.28	-10.54	-10.29	-9.63	-6.67	-8.53	-12.85	-9.1	-7.57	-5.65	-2.08	-6.76	-4.05	-0.86	
θ (150°)	-2.24	-1.03	-2.35	-0.92	-6.37	-6.37	-8.71	-9.82	-10.78	-15.93	-20.71	-28.57	-12.56	-12.08	-16.62	-15.96	-9.14	-9.31	-9.59	-8.78	-12.34	-10.1	-9.39	-6.99	-2.24	
θ (165°)	-2.23	-0.25	-1.58	-4.18	-5.45	-9.08	-13.73	-17.98	-23.22	-25.83	-16	-10.67	-9.43	-11.53	-16.47	-16.69	-19.08	-20.3	-13.42	-13.99	-14.5	-12.11	-10.6	-6.44	-2.23	
θ (180°)	-7.49	-6.77	-6.78	-7.78	-9.56	-13.78	-19.69	-24.27	-14.53	-10.51	-6.86	-4.85	-4.29	-4.67	-5.8	-7.1	-9.39	-13.83	-21.65	-28.18	-18.77	-14.72	-11.83	-10.53	-7.49	
Polarity	Phi																									
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 (360°)	
θ (0°)	-10.95	-7.65	-5.65	-4.18	-3.75	-3.55	-3.98	-5.13	-7.73	-11.51	-21.47	-19.33	-12.45	-8.46	-5.94	-4.54	-4.12	-4.08	-4.29	-5.06	-6.41	-9.34	-13.56	-17	-10.95	
θ (15°)	-9.08	-9.19	-8.22	-2.36	0.57	1.69	1.49	-0.38	-4.01	-10.69	-15.28	-12.69	-8.88	-5.17	-3.09	-1.74	-0.7	-0.79	-2.41	-4.49	-6.47	-10.11	-26.22	-15.25	-9.08	
θ (30°)	-9.6	-11.28	-11.33	-9.21	-2.7	0.22	0.45	-0.84	-3.38	-12.58	-8.48	-8.37	-16.67	-6.81	-5.33	-2.72	-0.83	0.35	-0.49	-3.33	-5.82	-6.53	-4.77	-5.66	-9.6	
θ (45°)	-14.31	-16.82	-8.7	-8.11	-8.89	-2.31	-0.68	-1.85	-1.95	-1.58	-3.92	-9.56	-8.36	-12.6	-23.64	-13.34	-6.24	-4.82	-4.71	-1.58	-1.57	-4.97	-8.55	-25	-14.31	
θ (60°)	-5.96	-4.65	-4.27	-5.97	-10.49	-1.9	[2.07]	1.41	0.58	-1.12	-3.9	-20.39	-14.97	-11.28	-5.81	-4.44	-1.02	-1.57	-3.99	-2.41	-3.56	-9.85	-8.33	-6.54	-5.96	
θ (75°)	-5	-5.67	-4.95	-4.01	-4.45	-2.24	-0.52	-0.72	-1.8	-4.79	-10.81	-12.29	-11.2	-9.03	-14.42	-1.03	-5.5	-3.08	-2.07	-3.43	-9.04	-5.34	-7.07	-8.9	-5	
θ (90°)	-17.62	-12.19	-3.66	-4.52	-1.43	-7.85	-4.82	-3.09	-0.77	-4.77	-9.12	-13.19	-17.56	-5.31	-11.3	-12.09	-2.05	-4.74	-12.51	-6.46	-5.35	-16.2	-11.94	-5.84	-17.62	
θ (105°)	-17.24	-29.69	-5.57	-2.26	-3.33	-7.04	-3.32	-2.48	-2.93	-3.56	-6.56	-10.19	-5.38	-4.79	-10.86	-0.82	-2.08	-2.13	-1.93	-9.67	-12.03	-0.51	-6.02	-3.78	-17.24	
θ (120°)	-11.04	-12.28	-12.78	-8.23	0.31	-1.39	-9.63	-14.78	-8.11	-2.46	-10.59	-2.61	-5.33	-14.82	-7.24	-2.97	-8.39	-1.13	-3.47	-6.39	-5.11	-3.01	-2.2	-3.49	-11.04	
θ (135°)	-9.51	-11.2	-13.54	-1.8	-3.22	-4.81	-6.65	-7.44	-8.42	-6.49	-7.1	-7.1	-16.34	-11.45	-8.68	-34.97	-13.7	-17.55	-9.16	-5.45	-3.76	-4.41	-5.86	-9.31	-9.51	
θ (150°)	-12.46	-10.87	-8.78	-5.73	-9.17	-1.9	-0.46	-1.41	-4.79	-7.63	-8.5	-8.21	-12.5	-17.28	-18.89	-20.1	-11.52	-4.59	-7.06	-10.85	-10.49	-4.64	-6.37	-14.64	-12.46	
θ (165°)	-14.71	-13.41	-6.73	-5.29	-3.56	-1.9	-3.43	-7.03	-8.96	-14.89	-19.82	-18.78	-14.91	-13.8	-16.03	-27.89	-12.56	-9.83	-22.11	-12.36	-9.27	-10.86	-9.59	-10.21	-14.71	
θ (180°)	-15.01	-20.82	-25.13	-13.41	-10.01	-8.33	-9.47	-9.21	-10.82	-8.32	-8.38	-11.41	-16.65	-16.96	-10.15	-6.36	-4.69	-4.32	-5.23	-6.57	-7.15	-7.74	-9.46	-11.51	-15.01	

Ant.	No.1																								
Freq. (MHz)	6695																								
Polarity	Theta																								
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 (360°)
θ (0°)	-3.28	-4.48	-6.56	-10.4	-21.31	-18.27	-10.91	-6.39	-4.51	-3.54	-3.21	-3.49	-4.45	-5.7	-7.46	-11.4	-18.39	-19.33	-12.99	-8.07	-5.64	-3.82	-3.06	-3.14	-3.28
θ (15°)	-7.45	-7.34	-5.14	-3.96	-5.03	-7.18	-7.51	-4.09	-1.8	-1.4	-2.11	-3.76	-4.86	-6.62	-8.22	-7.45	-7.56	-8.54	-11.58	-14.95	-12.98	-8.88	-6.44	-5.96	-7.45
θ (30°)	-4.95	-6.9	-20.35	-6.89	-8.14	-23.13	-7.86	-2.58	-0.2	0.19	-4.08	-3.44	-0.59	-1.56	-4.68	-4.12	-5.32	-9.61	-28.54	-11.91	-11.92	-17.18	-16.5	-8.53	-4.95
θ (45°)	-7.1	-12.14	-15.33	-9.88	-11.83	-7.36	-2.49	-0.86	1.76	2	-1.69	-4.22	0.19	-4.33	-3.2	-5.81	-1.67	-2.37	-5.21	-5.81	-10.34	-14.01	-9.12	-9.68	-7.1
θ (60°)	-10.06	-15.16	-12.34	-6.31	-6.62	-14.79	-4.04	-4.01	-1.97	-3.19	-1.83	1.46	-1.86	-3.26	0.29	-5.01	-5.53	-6.39	-3.32	-3.59	-5.26	-3.33	-2.78	-4.85	-10.06
θ (75°)	-3.67	-4	-15.13	-3.79	-1.03	-4.32	-2.39	-2.09	-2.56	-1.15	0.04	-1.67	-2.86	-1.57	-4.31	-5.29	-2.88	-2.11	-4.37	-6.98	-6.07	-11.48	-8.35	-6.17	-3.67
θ (90°)	-2.92	-2.07	-2.35	-5.89	-3.01	-3.37	0.45	-3.93	-4.82	0.13	-0.04	-3.78	-4.25	-7.86	-4.19	-3.39	-5.43	-3.59	-5.81	-8.71	-5.15	-8.99	-5.58	-4.04	-2.92
θ (105°)	-5.58	-1.69	-1.93	-1.64	0.5	-0.81	-4.17	-8.13	-1.42	-2.79	-6.04	-4.21	-4.08	-5.18	-1.11	-1.33	-3.6	0.55	-10.29	-8.11	-4.74	-3.05	-2.39	-2.24	-5.58
θ (120°)	-3.45	-1.52	-4.34	-9.71	-2.49	-6.2	-5	-3.18	-9.42	-10.88	-6.66	-6.08	-6.97	-14.78	-9.2	-11.86	-6.54	-3.93	-10.05	-8.15	-9.52	-1.91	-3.82	-0.06	-3.45
θ (135°)	-2.58	-1.74	-3.86	[2.27]	-2.33	-4.23	-5.78	-12.12	-12.73	-9.56	-9.33	-12.39	-10.48	-9.25	-12.13	-8.29	-10.5	-14.33	-12.71	-7.72	-4.85	-2.13	-6.66	-2.24	-2.58
θ (150°)	-2.45	-1.09	-0.79	-0.11	-3.61	-5.19	-10.78	-12.46	-13.28	-15.5	-37.47	-15.7	-7.38	-12.19	-13.6	-11.74	-8.95	-9	-10.02	-7.39	-14.13	-9.24	-8.63	-6.93	-2.45
θ (165°)	-1.41	0.23	-1.83	-5.53	-5.6	-6.11	-8.79	-9.75	-10.99	-18.06	-21.2	-11.05	-9.68	-13.11	-19.62	-17.75	-18.47	-21.83	-13.09	-11.38	-10.83	-9.45	-7.65	-4.62	-1.41
θ (180°)	-8.9	-7.86	-7.91	-8	-9.24	-13.19	-14.77	-18.93	-14.23	-10.47	-7.39	-5.74	-5.79	-6.24	-6.53	-6.98	-8.15	-11.06	-14.01	-15.88	-16	-15.41	-13.84	-12.44	-8.9
Polarity	Phi																								
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 (360°)
θ (0°)	-9.29	-6.01	-3.96	-2.45	-1.84	-2.06	-2.65	-4.32	-6.77	-11.17	-21.87	-18.27	-10.69	-7.11	-5.1	-3.86	-3.26	-3.53	-3.92	-4.92	-7.5	-10.71	-20.83	-19.42	-9.29
θ (15°)	-17.06	-8.7	-4.25	-1.04	0.45	1.43	1.59	0.68	-1.86	-6.95	-13.82	-15.3	-11.87	-9.69	-7.42	-5.16	-3.79	-3.15	-2.68	-3.01	-4.73	-7.88	-12.94	-23.65	-17.06
θ (30°)	-15.53	-12.51	-7.73	-3.47	-0.45	2.12	[2.90]	1.44	-1.09	-8.84	-15.24	-10.76	-12.69	-7.56	-3.76	-2.74	-1.26	0.5	0.3	-3.94	-8.43	-6.08	-4.67	-8.16	-15.53
θ (45°)	-15.74	-10.89	-6.69	-9.82	-3.58	-0.64	-1.83	-3.86	-5.19	-6.44	-11.06	-13.07	-9.26	-8.63	-9.1	-14.81	-5.25	-3.54	-3.88	-1.28	-0.8	-5.5	-8.88	-9.34	-15.74
θ (60°)	-7.79	-9.34	-13.94	-9.62	-11.68	-4.03	-0.45	0.8	-0.58	-2.63	-6.38	-23.2	-10.35	-13.98	-5.05	-5.28	-2.38	-0.98	-4.62	-3.72	-2.12	-8.71	-12.33	-8.09	-7.79
θ (75°)	-5.59	-4.41	-5.31	-5.74	-8.92	-2.21	0.43	-0.26	-3.85	-7.82	-9.41	-11.68	-14.93	-6.19	-16.9	-2.53	-6	-8.5	-4.52	-4.63	-15.78	-8.13	-10.39	-7.95	-5.59
θ (90°)	-20.08	-15.08	-5.46	-1.61	-4.11	-2.41	-1.95	-3.17	-0.99	-2.13	-7.35	-12.67	-11.71	-7.23	-9.79	-2.33	-7.06	-3.52	-10.83	-3.22	-3.22	-12.55	-10.03	-9.96	-20.08
θ (105°)	-17.88	-12.97	-9.86	-5.38	-14.74	-6.94	-0.82	0.28	-1.99	-6.88	-6.46	-11.2	-6.47	-4.85	-25.16	-1.95	-1.36	-5.68	-1.22	-12.42	-14.12	-1.65	-8.34	-2.21	-17.88
θ (120°)	-10.88	-9.19	-10	-7.3	-0.25	-3.96	-5.15	-6.7	-9.65	-3.01	-7.32	-4.56	-4.95	-9.38	-11.92	-4.98	-14.28	-2.58	-2.81	-4.08	-7.74	-3.49	-2.63	-2.71	-10.88
θ (135°)	-9.94	-11.62	-9.79	-1.93	-6.45	-9.22	-6.46	-5.95	-9.76	-17.98	-8.31	-7.24	-15	-10.53	-7.98	-36.08	-9.79	-14.46	-7.39	-3.77	-4.3	-8.21	-6.01	-11.92	-9.94
θ (150°)	-9.76	-8.64	-6.77	-4.41	-8.47	-1.7	-0.37	-0.19	-2.05	-3.8	-8.37	-7.63	-8.45	-10.43	-16.44	-12.11	-13.18	-4.76	-7.53	-10.77	-7.6	-4.32	-10.57	-15.7	-9.76
θ (165°)	-16.11	-9.91	-5.7	-5.89	-5.6	-4.17	-5.78	-12.5	-17.76	-16.96	-16.99	-19.08	-21.21	-20.43	-18.29	-27.88	-13.58	-8.86	-21.06	-11.26	-7.93	-9.18	-9.82	-12.8	-16.11
θ (180°)	-12.83	-15.39	-18.01	-15.55	-12.82	-11.41	-13.2	-13.49	-14.42	-11	-10.24	-13.2	-19.48	-29.81	-14.81	-9.92	-7.39	-6.95	-8.13	-8.16	-8.98	-9.26	-10.44	-11.86	-12.83

Ant.	No.1																								
Freq. (MHz)	6995																								
Polarity	Theta																								
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 (360°)
θ (0°)	0.22	-0.38	-1.45	-3.47	-7.24	-14.86	-15.87	-8.6	-4.18	-2.12	-0.51	-0.03	-0.14	-0.96	-2.06	-4.42	-9.04	-16.81	-16.95	-8.16	-4.94	-2.18	-0.5	0.26	0.22
θ (15°)	-1.81	-1.35	-1.39	-1.67	-3.36	-8.36	-18.3	-7.09	-3.15	-0.83	-0.03	-0.17	-1.21	-2.81	-4.9	-8.26	-11.22	-12.92	-15.8	-16.09	-8.3	-5.35	-3.83	-3.19	-1.81
θ (30°)	-16.27	-17.86	-16.93	-20.84	-14.46	-11.99	-7.42	-4.34	-1.59	0.7	2.08	-0.03	-4.67	-1.6	-4.42	-7.15	-4.54	-5.79	-12.52	-18.25	-15.86	-11.2	-10.18	-8.75	-16.27
θ (45°)	-17.95	-13.73	-11.22	-9.79	-22.73	-6.77	-5.39	-5.11	-2.1	0.99	1.77	-1.82	1.02	1.77	-2.32	-5.11	-5.28	-1.16	-1.86	-4.09	-11.23	-27.2	-17.2	-9	-17.95
θ (60°)	-7.48	-10.83	-10.97	-4.78	-7.75	-10.56	-6.68	-4.9	-1.94	-3.65	-2.47	1.67	[2.59]	-2.05	-0.7	-1.33	-3.43	-10.76	-1.85	0.32	-2	-2.97	-3.23	-4.44	-7.48
θ (75°)	-7.52	-5.33	-6.49	-3.82	-2.65	-9.33	-5.94	-0.39	-2.32	-5.2	-0.64	0.02	-0.76	0.26	-1.12	-2.04	-7.34	-1.35	-10.08	-9.04	-3.97	-3.36	-2.89	-2.62	-7.52
θ (90°)	-3.16	0.39	-4.66	-2.87	-5.04	-7.51	-4.84	-1.78	2.11	0.14	-0.4	-2.22	-1.28	-3.82	-3.4	-7.78	-8.68	-2.38	-2.25	-5.52	-6.65	-14.79	-6.3	-2.74	-3.16
θ (105°)	-1.7	-6.68	-4.18	0.35	1.16	-1.79	-3.58	-5.07	-5.25	-1.66	-4.45	-2.48	-0.25	-2.4	0.83	1.93	-1.8	2.42	-9.12	-7.08	0.13	-4.34	-4.53	-4.78	-1.7
θ (120°)	-3.18	-0.63	-6.99	-3.39	-1.21	-5.16	-7.71	-7.82	-17.68	-18.66	-5.58	-10.18	0.45	-8.6	-7.32	-3.22	-13.61	-3.35	-5.72	-7.56	-2.36	-1.25	-2.88	-1.81	-3.18
θ (135°)	-0.65	-1.48	-3.23	1.57	-1.31	-3.02	-5.88	-10.55	-15.25	-7.98	-5.96	-7.27	-15.48	-13.72	-14.19	-13.91	-10.59	-11.86	-10.52	-6.83	-1.55	-3.44	-9.39	-7.68	-0.65
θ (150°)	1.91	0.11	2.04	1.89	-1.01	-5.59	-15.91	-12.34	-10.69	-14.42	-12.85	-18.38	-18.53	-15.08	-18.99	-11.28	-9.85	-11.13	-14.97	-17.33	-8.68	-11.73	-5.92	-5.13	1.91
θ (165°)	0.6	0.52	-3.34	-6.21	-3.53	-4.82	-8.23	-14.84	-17.54	-12.33	-7.82	-6.3	-7.93	-11.08	-13.44	-13.51	-15.48	-18.6	-18.26	-20.37	-15.82	-10.32	-5.32	-2.31	0.6
θ (180°)	-10.46	-9.37	-8.37	-8.75	-10.8	-12.72	-17.89	-23.85	-16.74	-12.5	-9.02	-7.16	-6.52	-6.19	-6.73	-8.11	-11.03	-15.56	-23.79	-25.66	-26.44	-19.48	-15.93	-14	-10.46
Polarity	Phi																								
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 (360°)
θ (0°)	-12.89	-7.37	-3.4	-1.37	0.08	0.63	0.58	-0.24	-2.08	-4.52	-8.82	-18.71	-13.69	-6.89	-3.4	-1.64	-0.56	-0.02	-0.21	-0.87	-2.1	-4.95	-8.65	-18.61	-12.89
θ (15°)	-10.99	-5.33	-2.86	-1.27	0.37	1.91	[2.58]	2.16	0.96	-1.63	-4.68	-9.85	-13.17	-10.4	-10	-11.03	-9.84	-5.63	-3.44	-2.58	-3.72	-5.29	-10.77	-19.09	-10.99
θ (30°)	-10.4	-7.4	-3.63	-4.64	-2.71	-0.5	0.21	0.66	1.22	0	-4.63	-9.05	-7.84	-12.99	-4.84	-1.61	-1.8	-2.24	-2.68	-4.97	-8.17	-13.67	-13.99	-14.18	-10.4
θ (45°)	-11.88	-7.97	-9.67	-7.96	-1.14	-0.94	0	-0.4	-4.02	-14.12	-12.37	-10.59	-11.09	-5.46	-6.07	-7.58	-11.16	-4.78	-5.87	-8.54	-2.85	-3.34	-4.11	-6.55	-11.88
θ (60°)	-16.62	-13.36	-8.86	-10.94	-3.83	-1.64	-4.26	-2.26	-2.27	-7.97	-3.33	-12.77	-17.35	-14.7	-2.79	-6.1	-6.24	-3.2	-3.43	-2.69	-2.67	-3.66	-10.02	-7.79	-16.62
θ (75°)	-11.84	-9.72	-5.95	-6.56	-10.07	-9.16	-2.18	2.03	-2.65	-6.52	-13.11	-12.19	-20.48	-5.23	-3.72	-4	-3.35	-5.44	-8.5	-9.59	-4.58	-8.46	-16.22	-6.82	-11.84
θ (90°)	-8.26	-9.38	-6.86	-3.62	-7.08	-2.6	-0.79	-0.92	0.39	-2.66	-7.82	-6.38	-11.97	-11.26	-17.88	-2.41	-14.56	-4.54	-7.92	-1.75	-4.42	-13.43	-8.27	-6.6	-8.26
θ (105°)	-5.8	-36.65	-17.81	-6.59	-5.63	-3.43	-2.21	0.15	-4.43	-23.45	-9.7	-17.71	-6.41	-5.96	-12.33	-2.65	-3.08	-4.35	-5.09	-8.36	-10.93	-4.84	-3.85	-2.77	-5.8
θ (120°)	-4.51	-5.67	-9.11	-6.58	-3.7	-4.83	-2.99	-3.94	-1.34	-2.75	-5.81	-6.6	-7.47	-6.64	-5.25	-0.39	-8.94	-1.73	-3.63	-1.59	-8.94	-3.92	-1.45	-5.57	-4.51
θ (135°)	-11.45	-24.83	-9.66	-3.4	-7.47	-5.63	-7.34	-14.66	-12.26	-7.39	-10.48	-3.57	-15.84	-24.52	-8.88	-6.18	-17.01	-16.03	-3.14	-1.6	-7.81	-8.87	-5.89	-30.6	-11.45
θ (150°)	-10.03	-9.65	-10.75	-4.73	-6.99	-3.14	-4.99	-1.7	-0.37	-3.08	-5.69	-5.82	-6.86	-10.85	-13.57	-12.51	-9.15	-5.64	-10.56	-8.6	-4.06	-5.8	-9.39	-12.22	-10.03
θ (165°)	-15.97	-17.53	-11.74	-17.53	-9.61	-6.81	-7.64	-11.24	-10.16	-7.5	-7.9	-13.2	-22.87	-15.4	-16.46	-12.89	-8.75	-10.47	-17.91	-9.56	-7.61	-7.92	-9.74	-9.57	-15.97
θ (180°)	-14.83	-20.16	-25.78	-17.04	-15	-14.3	-15.77	-19.96	-17.65	-13.35	-10.61	-10.8	-13.84	-28.19	-16.78	-10.58	-9.05	-9.01	-9.58	-11.44	-10.26	-12.23	-13.89	-13.94	-14.83

Ant.	No.2																								
Freq. (MHz)	6175																								
Polarity	Theta																								
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 (360°)
θ (0°)	-11.07	-31.07	-10.31	-4.37	-1.55	-0.02	1.17	1.46	1.45	0.86	-0.77	-3.55	-8.43	-25.86	-10.13	-4.45	-1.43	0.65	1.68	[1.82]	1.39	0.56	-1.5	-4.92	-11.07
θ (15°)	-10.28	-8.22	-5.87	-3.01	-1.18	-0.41	-0.24	-0.68	-0.49	-1.05	-3.27	-8.1	-21.74	-12.25	-5.95	-3.14	-0.95	0.21	0.72	0.26	-1.45	-4.25	-9.63	-15.44	-10.28
θ (30°)	-4.35	-6.66	-9.24	-2.99	-1.06	-1.22	-2.4	-2.31	-1.04	-0.72	-0.88	-3.41	-16.79	-8.04	-2.72	-1.5	-2.84	-4.72	-5.61	-7.51	-12.06	-11.75	-10.83	-7.84	-4.35
θ (45°)	-3.42	-4.63	-1.33	1.29	0.94	-1.1	-0.81	-1.73	-1.35	0.19	0.48	-2.92	-3.7	-2.68	-1.44	0.36	-3.98	-13.29	-6.25	-12.1	-16.67	-22.03	-10.69	-7.63	-3.42
θ (60°)	-6.06	-4.16	0.23	-1.01	1.47	0.38	1.09	-3.82	-2.89	-0.56	0.29	0.52	-4.4	-6.08	-3.72	-5.24	-4.26	-3.71	-1.56	-5.71	-9.11	-23.62	-38.31	-12.04	-6.06
θ (75°)	0.05	0.45	1.15	-2.91	-0.6	-1.76	1.6	-3.47	-4.18	-3.13	0.74	-2.25	-12.45	-12.65	-3.49	-5.04	-7.86	-9.47	-3.61	-5.72	-8.83	-7.27	-8.96	-7.62	0.05
θ (90°)	0.07	-0.33	-2.01	-4.13	-7.11	-0.47	0.16	-5.08	-3.74	-10.31	-3.42	-2.19	-6.96	-9.81	-5.47	-1.99	-8.38	-3.67	-3.06	-3.59	-6.15	-11.65	-6.42	-7.16	0.07
θ (105°)	-1.43	-5.61	-4.84	-3.72	-7.4	-10.12	-9.05	-10.03	-11.67	-5.94	-1.26	-6.02	-13.68	-8.58	1.43	1.18	-2.16	-5.82	-8.76	-4.35	-4.24	-7.13	-5.58	-5.64	-1.43
θ (120°)	-6.61	-9.51	-4.14	-5.17	-8.52	-18.67	-19.55	-17.88	-14.39	-6.23	-8.78	-15.87	-7.18	-10.27	-5.76	-3.2	-1.2	-6.73	-9.53	-4.01	-5.85	-5.07	-11.06	-10.04	-6.61
θ (135°)	-16.62	-5.39	-11.3	-6.76	-11.96	-15.13	-23.26	-12.34	-8.32	-6.28	-22.07	-8.16	-7.49	-7.22	-6.97	-6.73	-6.92	-14.25	-6.41	-3.68	-5.29	-11.53	-26.45	-9.13	-16.62
θ (150°)	-13.19	-6.21	-7.21	-16.75	-7.81	-10.1	-9.43	-9.49	-9.31	-8.49	-5.71	-15.26	-25.79	-11.41	-4.42	-2.44	-3.24	-4.59	-5.68	-9.11	-10.97	-11.08	-7.05	-9.16	-13.19
θ (165°)	-21.64	-16.22	-9.18	-5.47	-3.09	-3.55	-6.12	-7.78	-7.08	-6.84	-8.77	-16.02	-25.36	-14.26	-11.02	-10.08	-12.25	-15.96	-16.97	-11.75	-9.34	-12.05	-31.32	-22.28	-21.64
θ (180°)	-11.33	-13.21	-16.51	-21.33	-25.31	-17.13	-14.62	-12.05	-11	-11.28	-11.21	-10.89	-11.34	-13.97	-21.44	-25.05	-18.01	-14.65	-13.11	-11.95	-9.74	-8.72	-7.93	-8.53	-11.33
Polarity	Phi																								
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 (360°)
θ (0°)	2.19	2.31	1.83	0.63	-1.19	-4.05	-9.19	-24.19	-9.16	-3.62	-0.46	1.19	2.34	[2.48]	1.95	1.02	-1.07	-4.63	-13.11	-19.43	-8.01	-2.61	-0.19	1.28	2.19
θ (15°)	-1.88	-4.07	-6.61	-9.9	-17.16	-19.45	-14.64	-9.97	-5.7	-2.68	-0.94	-0.47	-0.85	-1.71	-1.94	-2.41	-3.8	-5.96	-7.65	-8.31	-7.01	-3.57	-1.31	-0.64	-1.88
θ (30°)	1.38	-0.68	-3.32	-6.78	-17.35	-11.89	-9.37	-13.07	-5.41	-2.58	-1.74	0.25	1.16	2.05	2.28	-1.41	-4.82	-3.34	-4.43	-7.31	-22.02	-8.78	-1.38	1.58	1.38
θ (45°)	-0.25	-3.02	-2.29	-1.58	-6	-26.95	-10.52	-10.13	-4.24	-2.58	-0.87	1.32	0.94	1.06	-1.82	-7.44	-2.48	-4.81	-4.72	-18.38	-11.91	-8.43	-2.8	0	-0.25
θ (60°)	-1.37	-0.3	-3.31	-4.19	-3.51	-11.73	-11.34	-6.52	-8.43	-3.14	-1.51	-1.91	-2.32	-10.98	-16.06	-15.04	-5.34	-0.13	-0.55	-8.06	-7.97	-4.41	-5.02	-1.15	-1.37
θ (75°)	-2.46	1.62	0.61	-3.58	-8.18	-20.67	-6.93	-7.29	-6.03	-1.28	-6.15	-1.52	-4.18	-10.17	-6.35	-6.4	-3.3	-1.3	-5.5	-6.05	-6.04	-12.79	-6.24	-1.21	-2.46
θ (90°)	-0.02	-1.28	-2.78	-1.59	-4	-9.86	-15.36	-13.66	-11.5	-1.1	-26.11	-6.82	-5.23	-16.75	-3.44	-4.51	-8.42	-6	-1.48	-5.28	-7.19	-11.93	-4.89	0.1	-0.02
θ (105°)	0.38	-2.54	-9.5	-3.28	-3.73	-14.96	-7.61	-17.57	-6.86	-2.36	-7.9	-2.87	-5.62	-10.96	-7.04	-2.42	-4.11	-3.08	-3.8	-5.36	-14.22	-8.87	-4.85	-2.03	0.38
θ (120°)	-5.34	-5.07	-14.65	-10.92	-10.52	-25.82	-11.13	-10.73	-5.45	-3.56	-13.33	-3.37	-0.33	-6.55	-3.9	-0.69	-3.1	-5.32	-5.3	-3.22	-8.41	-4.64	-5.89	-5.54	-5.34
θ (135°)	-14.2	-10.24	-24.71	-25.49	-15.19	-21.12	-8.93	-6.23	-5.61	-8.95	-14.77	0.29	2.24	-4.39	-1.33	-3.82	-6.59	-20.16	-9.45	-15.35	-9.67	-5.56	-10.46	-18.22	-14.2
θ (150°)	-12.09	-17.5	-13.88	-6.9	-8.54	-5.91	-8.13	-11.02	-5.53	-7.05	-0.6	1.41	-7.47	-1.81	0.78	-1.28	-6.61	-4.58	-8.63	-8.05	-6.95	-8.6	-19.48	-10.64	-12.09
θ (165°)	-6.55	-10.21	-16.88	-18.43	-17.49	-15.18	-17.32	-12.78	-10.44	-11.08	-9.07	-8.64	-14.91	-19.89	-13.16	-15.29	-13.48	-25.03	-13.87	-10.06	-16.35	-13.07	-6.63	-5.28	-6.55
θ (180°)	-14.46	-12.37	-10.05	-8.45	-9.1	-10.1	-10.65	-14.41	-18.03	-17.41	-18.62	-26.43	-20.99	-13.68	-11.52	-10.35	-9.1	-9.14	-10.37	-14.33	-16.76	-17.43	-21.7	-17.04	-14.46

Ant.	No.2																								
Freq. (MHz)	6475																								
Polarity	Theta																								
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 (360°)
θ (0°)	-15.82	-17.85	-8.29	-4.4	-2	-0.43	0.25	0.53	0.11	-0.87	-2.93	-6.53	-14.06	-18.79	-7.94	-3.73	-1.23	-0.01	0.87	0.62	0.44	-1.02	-3.46	-7.16	-15.82
θ (15°)	-19.72	-9.23	-4.63	-2.3	-1.07	-0.85	-0.77	0.24	1.04	0.52	-1.47	-5.98	-12.85	-8.77	-4.12	-1.43	0.66	2.09	2.39	1.19	-1.91	-6.23	-12.98	-20.67	-19.72
θ (30°)	-5.68	-6.96	-2.15	-0.8	-0.11	-0.09	-4.36	-1.35	0.88	0.81	0.32	-0.76	-5.12	-20.64	-5.57	-2.17	-1.94	-1.98	-2.73	-4.5	-7.16	-9.99	-11.5	-8.19	-5.68
θ (45°)	-2.46	-4.7	0.2	0.69	-1.72	0.56	-1.08	-3.09	-0.94	0.98	-0.16	-2.35	-7.62	-4.88	-1.76	1.59	0.68	-6.76	-15.73	-18.8	-14.85	-12.18	-7.96	-4.9	-2.46
θ (60°)	-9.21	-4.96	-1.94	-0.74	-2.78	-1.44	2.75	0.24	1.17	0.01	0.04	-2.65	-7.92	-7.14	0.46	-0.16	-6.03	-6.56	-2.03	-7.03	-18.76	-11.18	-20.05	-16.93	-9.21
θ (75°)	1.44	-0.18	-0.25	-6.13	-3.98	-3.4	[3.44]	-1.09	0.16	-3.35	0.79	-0.62	-12.76	-5.76	0.16	-3.53	-6.31	-5.71	0.54	-8.39	-6.66	-5.37	-8.18	-6.1	1.44
θ (90°)	-0.65	-1.32	-1.92	-8.05	-7.45	-3.81	0.89	-3.42	-0.34	-4.34	-4.99	0.28	-7.19	-5.17	-5.44	-2.73	-8.06	-3.09	0.45	-1.87	-9.42	-6.46	-7.62	-9.87	-0.65
θ (105°)	-1.31	-4.38	-7.28	-11.32	-5.4	-2.1	-8.52	-8.42	-11.14	-3.93	-6.91	-2.56	-17.37	-13.19	0.9	1.76	-5.58	-6.38	-5.73	-2.89	-5.95	-6.14	-9.83	-13.39	-1.31
θ (120°)	-4.92	-12.39	-9.16	-14.12	-24.87	-9.95	-14.26	-15.56	-12.71	-3.82	-5.47	-12.3	-10.59	-16.73	-4.36	-3.84	-3.98	-8.84	-5.57	-2.98	-4.04	-2.97	-13.89	-11.01	-4.92
θ (135°)	-13.63	-8.1	-27.38	-9.47	-11.91	-15.86	-17.44	-5.92	-9.94	-7.01	-9.89	-30.86	-18.53	-8.47	-6.14	-10.01	-12.23	-11.37	-3.54	-4.34	-7.92	-10.08	-18.24	-9.83	-13.63
θ (150°)	-13.28	-9.1	-13.04	-15.62	-9.96	-21.47	-10.72	-20.35	-5.45	-14.94	-7.12	-11.68	-8.79	-16.5	-6.72	-4.83	-5.43	-7.32	-4.35	-6.77	-16	-14.26	-10.93	-13.4	-13.28
θ (165°)	-16.66	-9.95	-5.95	-3.86	-3.67	-6.25	-11.93	-8.07	-8.22	-11.39	-11.62	-11.95	-16.23	-25.44	-21.62	-18	-22.97	-21.24	-17.82	-11.25	-11.61	-16.73	-30.25	-33.69	-16.66
θ (180°)	-10.16	-11.52	-14.02	-16.52	-16.91	-14.68	-12.17	-10.62	-9.88	-9.72	-9.47	-9.51	-10.37	-13.35	-19.21	-18.64	-13.76	-12.78	-13.67	-11.36	-10.45	-8.27	-7.97	-8.8	-10.16
Polarity	Phi																								
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 (360°)
θ (0°)	1.29	1.15	0.48	-0.75	-2.99	-6.98	-14.62	-18.7	-8.05	-3.37	-0.69	0.52	1.41	1.4	0.68	-0.7	-3.18	-7.41	-16.16	-14.02	-6.2	-2.33	-0.38	0.88	1.29
θ (15°)	-4.71	-5.69	-6.86	-9.79	-16.91	-13.08	-13.85	-11.93	-4.84	-1.67	-0.16	0.03	-0.15	-1.12	-2.09	-3.71	-6.83	-13.12	-7.84	-3.1	-1.49	-1.16	-2.23	-3.73	-4.71
θ (30°)	-1.96	-6.73	-9.75	-7.41	-6.4	-5.9	-5.45	-12.35	-7.36	-7.91	-7.3	-4.09	-1.86	-0.85	-0.88	-5.09	-6.95	-4.79	-4.15	-4.43	-7.97	-15.44	-2.71	1.06	-1.96
θ (45°)	-3.32	-3.73	-2.67	-4.47	-7.88	-29	-14.74	-13.14	-12.29	-10.15	-2.81	1.45	0.99	-2.15	-0.93	-7.28	-4.52	-5.34	-4.01	-5.27	-10.22	-4.47	-2.26	-2.39	-3.32
θ (60°)	-1.58	-2.61	-3.1	-8.19	-9.03	-18.44	-24.11	-10.77	-21.38	-8.07	-2.9	-0.56	-1.71	-8.78	-6.74	-5.77	-10.61	-2.89	0.01	-5.24	-8.81	-6.3	-12.31	-7.37	-1.58
θ (75°)	-1	0.8	0.16	-7.45	-12.2	-19.5	-11.61	-7.27	-9.31	-0.97	-9.87	-1.01	-2.89	-17.36	-11.23	-11.34	-7.86	-1.88	-3.77	-5.76	-6.75	-13.19	-5.52	-2.78	-1
θ (90°)	0.39	-5.06	-2.05	-4.86	-7.78	-13.11	-12.91	-9.22	-11.91	-0.84	-8.02	-3.13	-3.08	-18.91	-6.04	-7.66	-5.95	-3.78	-2.45	-0.81	-10.79	-9.37	-2.82	-3.03	0.39
θ (105°)	-1.94	-7.93	-8.91	-2.39	-3.89	-11.87	-9.96	-17.58	-9.05	-3.85	-12.45	-0.12	-3.63	-7.01	-13.64	-3.95	-6.3	-2.49	-0.44	-1.59	-15.02	-6.94	-4.89	-5.96	-1.94
θ (120°)	-7.62	-10.39	-8.39	-4.8	-11.65	-6.64	-11.37	-12.62	-7.83	-4.46	-10.16	-3.48	0.79	-5.3	-11.48	-1.42	-2.67	-6.17	-9.39	-7.86	-9.1	-9.96	-5.98	-12.36	-7.62
θ (135°)	-9.1	-7.41	-8.69	-10.91	-14.67	-8.76	-9.82	-7.36	-9.99	-6.85	-13.08	-0.71	[2.20]	-1.32	-2.84	-5.39	-8.46	-28.62	-7.41	-11.52	-12.01	-5.25	-14.26	-17.76	-9.1
θ (150°)	-11.8	-17.21	-14.78	-8.45	-8.35	-6.34	-8.24	-6.83	-7.51	-6.57	-1.76	1.9	-4.88	-4.36	0.43	-0.44	-3.67	-2.75	-4.06	-9.93	-6.95	-7.35	-13.48	-7.66	-11.8
θ (165°)	-13.03	-28.13	-13.78	-15.62	-20.51	-18.25	-18.56	-9.34	-7.49	-5.92	-4.06	-4.57	-8.75	-15.91	-13.66	-12.74	-13.62	-34.32	-12.18	-10.05	-13.35	-14.06	-9.09	-9.05	-13.03
θ (180°)	-10.78	-9.25	-8.11	-7.42	-7.27	-7.2	-9.17	-11.07	-14.67	-14.63	-14.32	-20.61	-16.23	-9.64	-8.41	-9	-8.05	-7.75	-10.8	-15.33	-14.7	-12.69	-11.68	-11.77	-10.78

Ant.	No.2																								
Freq. (MHz)	6695																								
Polarity	Theta																								
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 (360°)
θ (0°)	-14.68	-10.51	-5.98	-3.36	-1.6	-0.54	-0.17	-0.18	-0.91	-2.18	-4.53	-8.66	-13.18	-10.4	-5.85	-2.82	-0.96	0.06	0.81	0.01	-0.57	-2.21	-5.05	-8.8	-14.68
θ (15°)	-14.49	-5.46	-1.72	-0.33	-0.4	-1.31	-0.93	-0.02	0.68	0.1	-1.02	-3.29	-6.11	-8.39	-5.82	-2.16	0.85	2.35	2.59	1.61	-1.75	-6.1	-12.75	-17.27	-14.49
θ (30°)	-12.45	-8.81	-1.64	-1.12	-1.59	-5.46	-0.27	2.77	0.04	-1.97	0.84	1.09	-2.34	-10.89	-15.27	-6.54	-3.08	-4.49	-4.17	-2.95	-4.96	-8.22	-9.85	-8.88	-12.45
θ (45°)	-4.3	-3.6	1.34	-1.42	-2.1	-2.08	-0.32	1.56	-0.57	1.25	1.04	-3.24	-9.1	-10.97	-1.41	0.16	-0.12	-8.59	-9.68	-10.74	-15.65	-13.56	-9.07	-5.81	-4.3
θ (60°)	-7.51	-1.74	-3.68	-0.35	-5.34	-2.78	2.08	[2.81]	1.32	-0.77	-1.5	-2.77	-10.59	-8.26	-0.66	1.32	-2.23	-6.77	-6.49	-5.38	-8.3	-13.61	-8.24	-24.32	-7.51
θ (75°)	0.57	0.64	-4.61	-4.08	-5.59	-1	1.85	1.69	1.08	-1.01	-2.99	-0.07	-13.57	-8.65	0.23	0.15	-2.02	-5.73	-0.41	-5.72	-3.91	-4.87	-10.72	-7.21	0.57
θ (90°)	-0.15	2.29	-1.4	-7.74	-4.94	-1.5	-1.58	-0.33	1.3	-1.5	-6.81	-1.34	-1.83	-11.23	-6.35	-4.67	-8.54	-4.91	1.59	-2.88	-8.45	-3.64	-10.88	-10.87	-0.15
θ (105°)	-2.5	-1.8	-2.87	-6.66	-5.4	-2.3	-6.5	-7.46	-4.87	-3.68	-8.24	-2.53	-9.87	-12.66	-1.23	-2.11	-5.89	-6.72	-3.66	-3.37	-7.42	-12.08	-9.68	-10.38	-2.5
θ (120°)	-8.1	-7.76	-5.48	-10.41	-13.07	-10.1	-13.59	-19.69	-20.76	-4.16	-3.85	-7.4	-11.89	-21.28	-7.69	-16.39	-5.35	-22.92	-2.67	-3.45	-3.78	-5.46	-15.22	-8.94	-8.1
θ (135°)	-19.74	-7.98	-18.32	-15.35	-10.84	-18.84	-14.22	-7.91	-14.01	-7.64	-12.05	-22.26	-12.99	-7.23	-3.69	-5.64	-9.04	-7.13	-1.48	-3.64	-8.01	-7.54	-17.02	-8.79	-19.74
θ (150°)	-16.49	-17.77	-21.15	-16.46	-12.29	-18.07	-12.13	-13.65	-3.28	-13.51	-7.89	-23.35	-13.28	-18.71	-4.4	-2.05	-3.16	-7.02	-6.08	-5.78	-18.26	-19.1	-9.5	-13.67	-16.49
θ (165°)	-21.86	-13.17	-9.1	-6.76	-5.85	-10.36	-8.08	-3.35	-3.72	-7.22	-9.48	-10.84	-13.28	-19.51	-47.55	-25.83	-27.44	-22.91	-16.77	-8.15	-9.27	-14.51	-21.23	-24.65	-21.86
θ (180°)	-11.76	-12.52	-12.42	-12.09	-11.7	-11.17	-10.65	-11.16	-11.75	-12.42	-11.91	-10.85	-11.63	-13.09	-13.82	-12.34	-10.14	-10.46	-9.92	-9.45	-9.84	-8.83	-9.71	-10.55	-11.76
Polarity	Phi																								
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 (360°)
θ (0°)	0.27	-0.22	-1.06	-2.35	-4.7	-8.93	-13.47	-10.76	-6.56	-3.03	-1.19	-0.07	0.63	0.6	-0.21	-1.8	-4.64	-8.62	-12.09	-8.42	-4.53	-2.13	-0.62	0.3	0.27
θ (15°)	-1.21	-1.74	-2.62	-3.97	-4.54	-4.13	-7.44	-20.3	-11.07	-4.74	-1.88	-0.52	-0.27	-0.89	-2.67	-5.09	-8.6	-18.82	-7.03	-0.25	1.75	1.62	0.33	-1.13	-1.21
θ (30°)	-7.47	-4.8	-4.5	-3.89	-6.56	-6.32	-7.8	-11.55	-7.33	-7.45	-5.07	-2.44	-0.6	-1.07	-3.52	-5.76	-7.7	-5.37	-7.03	-4.81	-2.9	-5.41	-4.73	-3.74	-7.47
θ (45°)	-0.54	-3.2	-2.34	-4.93	-12.8	-9.59	-9.9	-18.75	-14.41	-4.21	-0.48	0.36	-2.44	-1.49	-2.41	-7.68	-3.03	-2.96	-9.69	-6.55	-6.12	-3.07	-4.09	-3.5	-0.54
θ (60°)	-2.04	-2.47	-4.41	-3.69	-4.51	-7.32	-25.16	-9.49	-13.74	-11.71	-2.93	-2.74	-1.19	-9.37	-5.38	-3.09	-3.94	-3.1	-1.28	-4.67	-10.13	-5.65	-11.01	-5.72	-2.04
θ (75°)	0.7	-0.56	-2.35	-15.41	-5.97	-8.16	-20.4	-11.1	-12.25	-4.76	-7.77	-3.46	-4.07	-11.18	-13.89	-9.28	-5.96	-0.57	-3.75	-6.17	-6.49	-5.6	-8.53	-3.52	0.7
θ (90°)	-1.24	-4.12	-3.71	-4.98	-8.12	-11.41	-16.35	-8.07	-7.76	-1.5	-7.76	-6.18	-5.01	-25.21	-5.47	-10.23	-7.46	-2.7	-1.68	-2.24	-8.73	-8.54	-5.25	-0.28	-1.24
θ (105°)	-2.79	-9.53	-6.05	-5.24	-3.12	-11.57	-18.18	-11.27	-6.86	-0.05	-15.51	-2.31	-4.9	-8.29	-17.55	-5.33	-5.67	-4.08	-2.23	-3.16	-12.53	-8.04	-4.18	-2.88	-2.79
θ (120°)	-5.67	-9.43	-6.4	-7.39	-6.44	-4.44	-13.18	-26.44	-9.52	-1.8	-7.91	-2.55	-0.71	-9.29	-8.61	-6.57	-3.59	-5.2	-9.9	-8.92	-11.57	-13.17	-9.53	-18.19	-5.67
θ (135°)	-11.88	-7.72	-9.23	-22.12	-7.72	-6.55	-9.74	-5.37	-7.19	-3.04	-9.69	-3.16	[2.17]	-0.19	-2.07	-6.58	-11.2	-29.28	-20.23	-10.66	-36.61	-8.35	-13.01	-16.38	-11.88
θ (150°)	-12.47	-16.41	-15.69	-10.94	-10.46	-9.56	-8.6	-5.68	-7.74	-2.51	-7.12	1.07	-1.9	-8.14	0.34	-0.02	-1.71	-2.21	-3.94	-9.11	-5.9	-8.43	-17.95	-9.56	-12.47
θ (165°)	-17.13	-10.21	-6.63	-8.74	-17.84	-17.35	-19.39	-10.69	-6.64	-4.13	-2.12	-2.61	-6.27	-12.27	-17.92	-17.59	-15.71	-16.31	-10.09	-8.99	-12.4	-13.25	-10.04	-10.29	-17.13
θ (180°)	-8.57	-8.54	-8.46	-8.4	-8.51	-9.27	-10.31	-13.64	-14.48	-13.25	-11.72	-15.35	-16.13	-10.09	-8.9	-10.42	-11.18	-10.87	-14.14	-16.44	-12.98	-10.02	-9.1	-8.22	-8.57

Ant.	No.2																								
Freq. (MHz)	6995																								
Polarity	Theta																								
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 (360°)
θ (0°)	-17.35	-23	-13.45	-8.52	-5.97	-4.94	-4.06	-4.15	-4.06	-5.27	-6.88	-10.45	-17.92	-24.47	-11.75	-7.39	-5.05	-2.95	-3	-2.82	-3.45	-4.34	-6.54	-10.43	-17.35
θ (15°)	-13.41	-10.88	-6	-4.62	-4.82	-2.9	-0.86	-1.17	-3.51	-5.47	-4.59	-3.93	-4.02	-6.01	-13.09	-8.12	-1.54	1.32	2.87	2.03	-0.7	-5.01	-8.48	-9.26	-13.41
θ (30°)	-15.27	-4.22	-1.64	-2.8	-3.99	-0.08	4.08	[4.15]	0.46	-2.85	-2.13	-0.28	-0.9	-5.17	-13.69	-8.82	-4.38	-1.44	-0.95	-1.7	-3.46	-7.5	-11.18	-9.05	-15.27
θ (45°)	-4.82	0.03	0.61	-1.21	-3.49	-5.44	2.08	3.03	1.09	0.56	-0.67	-5.59	-14.95	-20	-6.79	-0.44	-0.46	-6.24	-17.21	-19.09	-17.76	-13.57	-9.89	-4.51	-4.82
θ (60°)	-3.52	-4.32	-3.27	1.23	-2.22	-3.35	2.01	1.64	2.18	1.55	-3.27	-4.3	-11.54	-10.93	-2.12	3.17	-1.14	-4.73	-8.11	-11.72	-7.12	-17.59	-10.48	-11.42	-3.52
θ (75°)	-0.52	-2.82	-3.06	-2.04	-2.08	-2.67	0.37	0.11	0.24	-0.45	-7.56	-1.61	-7.29	-7.94	-2.48	-0.15	-0.01	-3.14	0.54	-5.63	-4.02	-4.69	-10.49	-5.64	-0.52
θ (90°)	1.31	-2.59	-2.68	-8.82	-4.87	-1.64	-3.19	0.27	1.42	-1.87	-9.01	-3.06	1.35	-9.68	-9.68	-9.17	-8.16	-7.19	2.46	-2.29	-7.85	0.34	-15.09	-10.22	1.31
θ (105°)	-6.42	-9.9	-6.96	-8.85	-6.24	-2.13	-4.35	-4.79	-1.67	-7.71	-32.58	-0.29	-1.98	-6.66	0.94	-2.84	-8.6	-7.28	-2.33	-3.33	-10.09	-2.95	-21.97	-10.08	-6.42
θ (120°)	-10.12	-12.35	-8.62	-7.74	-11.09	-9.24	-8.29	-11.62	-9.19	-3.78	-6.91	-3.99	-8.99	-14.75	-3.15	-7.81	-4.42	-9.47	-1.14	-0.94	-7.41	-9.21	-14.09	-8.51	-10.12
θ (135°)	-15.54	-13.24	-7.54	-14.88	-9.33	-15.92	-23.35	-7.02	-12	-8.98	-5.61	-11.84	-17.89	-11.31	-3.86	-4.24	-8.49	-2.83	-0.28	-3.76	-6.23	-4.59	-9.57	-8.12	-15.54
θ (150°)	-15.86	-29.97	-8.61	-13.93	-19.61	-16.19	-15.63	-17.07	-6.06	-26.53	-6.41	-11.81	-6.7	-14.66	-5.15	-0.99	-0.09	-2.33	-5.9	-3.53	-7.14	-8.6	-7.04	-11.88	-15.86
θ (165°)	-17.63	-16.38	-10.32	-6.7	-6.99	-12.65	-6.16	-2.09	-2	-3.79	-9	-33.01	-18.15	-18.58	-16.22	-14.17	-15.21	-21.06	-10.25	-6.8	-8.43	-15.28	-21.44	-19.31	-17.63
θ (180°)	-10.81	-13.34	-14.01	-12.34	-9.71	-8.17	-7.31	-7.18	-7.96	-8.79	-9.84	-10	-11.33	-14.91	-15.44	-10.88	-8.85	-8.17	-7.99	-7.23	-6.39	-6.41	-7.44	-9	-10.81
Polarity	Phi																								
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 (360°)
θ (0°)	-3.05	-3.38	-4.04	-5.56	-8	-11.25	-17.5	-18.12	-11.87	-7.28	-4.96	-3.36	-2.11	-2.04	-2.61	-4.11	-6.72	-11.39	-23.81	-16.03	-9.59	-5.96	-3.76	-2.75	-3.05
θ (15°)	-0.56	0.72	0.39	-0.5	-1.14	-3.82	-11.07	-12.49	-6.21	-3.33	-0.85	0.68	1.59	1.2	-0.18	-3.17	-8.22	-21.94	-10.62	-2.52	0.19	0.73	-0.88	-1.89	-0.56
θ (30°)	-2.05	-0.2	-0.5	-4.47	-6.84	-8.54	-13.45	-8.23	-9.27	-8.73	-1.34	[2.13]	1.69	-0.76	-3.59	-5.83	-13.21	-11.44	-5.11	-2.64	0.14	-1.53	-7.13	-9.59	-2.05
θ (45°)	-1.83	-3.69	-2.14	-7.22	-11.14	-7.19	-14.18	-11.73	-9.38	-2.51	0.92	-1.47	-2.97	-3.53	-3.55	-5.76	-3.27	-2.32	-6.67	-6.64	-5.5	-2	-7.28	-5.58	-1.83
θ (60°)	0.24	-0.54	-2.27	-1.61	-3.74	-11.59	-15.18	-39.39	-2.53	-2.35	0.1	-5.14	-3.76	-22.17	-5.34	-3.52	-1.36	-5.43	-3.25	-2.34	-9.69	-6.36	-14.26	-8.34	0.24
θ (75°)	-0.42	0.18	-1.78	-5.8	-2.74	-7.26	-15.19	-7.55	-8.34	-3.62	-2.1	-3.59	-6.34	-12.47	-18.5	-5.19	-5.92	-2.88	-6.87	-8.42	-12.13	-9.02	-6.83	-5.13	-0.42
θ (90°)	-2.27	-2.22	-1.48	-2	-14.04	-8.37	-11.89	-7.38	-7	-4.23	-2.58	-4.21	-5.31	-18.83	-6.51	-11.35	-7.57	-2.1	-3.29	-4.28	-7.4	-5.17	-5.63	-0.25	-2.27
θ (105°)	-1.98	-5.76	-6.2	-1.4	-6.08	-5.15	-11.22	-6.1	-7.49	-0.18	-5.9	-21.17	-8.02	-16.35	-6.84	-10.67	-6.24	-3.34	-1.61	-7.78	-6.85	-5.48	-3.83	-3.71	-1.98
θ (120°)	-5.54	-7.23	-7.32	-9.51	-5.49	-7.37	-10.05	-16.24	-19.36	-0.89	-7.93	-13.26	-1.83	-14.86	-4.4	-5.78	-12.37	-6.49	-10.58	-10.53	-15.84	-12.46	-11.58	-20.52	-5.54
θ (135°)	-22.83	-12.35	-16.01	-12.7	-6.97	-8.46	-19.72	-9.38	-10.46	-2.23	-4.42	-3.11	1.45	0.57	-1.39	-9.68	-12.89	-10.67	-22.29	-21.44	-11.27	-8.36	-14.43	-12.72	-22.83
θ (150°)	-15.11	-10.01	-14.04	-15.8	-8.93	-9.53	-5.87	-2.16	-6.08	-0.18	-14.87	-1.78	-2.05	-10.63	-2.95	-1.81	-0.44	0.61	-3.68	-8.2	-6.22	-13.36	-13.8	-15.92	-15.11
θ (165°)	-13.48	-8.15	-7.47	-12.21	-11.63	-9.29	-13.51	-7.98	-4.03	-3.1	-1.43	-2.07	-5.62	-9.59	-14.24	-20.65	-22.49	-18.3	-8.81	-8.31	-9.33	-9.48	-10.02	-13.8	-13.48
θ (180°)	-5.69	-5.32	-5.54	-6.15	-6.72	-7.99	-9.64	-12.32	-13.49	-12.68	-9.99	-10	-10.13	-7.41	-6.7	-9.65	-12.88	-18.31	-18.6	-14.92	-13.4	-11.68	-8.42	-7.07	-5.69

Ant.	No.3																								
Freq. (MHz)	6175																								
Polarity	Theta																								
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 (360°)
θ (0°)	-2.26	-2.68	-3.43	-4.84	-6.88	-9.34	-11.45	-10.84	-8.27	-5.93	-4.55	-4	-3.57	-3.26	-3.91	-5	-6.39	-8.95	-10.88	-10.81	-8.58	-6.02	-4.09	-2.72	-2.26
θ (15°)	-1.55	-1.4	-2.97	-6.99	-11.03	-9.23	-9.44	-16.12	-12.86	-7.27	-5.5	-5.34	-7.57	-9.74	-9.12	-9.32	-10.63	-8.46	-5.31	-4.03	-4.22	-3.81	-2.68	-1.97	-1.55
θ (30°)	-1.11	-2.62	-6.54	-5.49	-4.39	-7.5	-11.02	-13.46	-9.84	-6.09	-4.84	-5.02	-5.94	-8.37	-10.34	-10.21	-21.93	-9.37	-3.36	-2.49	-3.86	-4.39	-3.04	-1.63	-1.11
θ (45°)	-1.04	-4.84	-1.9	-1.48	-2.98	-6.9	-6.81	-6.51	-26.86	-15.34	-17.8	-12.7	-8.49	-5.03	-4.27	-5.68	-13.78	-4.51	-1.03	-0.34	-3.94	-4.98	-0.23	[0.95]	-1.04
θ (60°)	-6.02	-3.85	-0.83	-3.13	-8.17	-9.62	-2.74	-1.13	-6.1	-7.25	-5.69	-4.64	-7.87	-7.84	-17.65	-4.97	-12.22	-7.33	0.34	-0.2	-2.1	-4.65	0.67	-0.18	-6.02
θ (75°)	-0.97	-1.64	-0.52	-4.66	-5.09	-5.23	-3.37	-5.21	-3.34	-5.51	-9.15	-11.68	-7.24	-13.16	-16.55	-14.2	-13.14	-12.8	-2.94	-0.64	-0.32	-1.43	-2.01	-6.53	-0.97
θ (90°)	-5.42	-4.97	-1.5	-0.53	-1.56	-4.25	-8.23	-7.12	-2.49	-2.4	-8.22	-7.08	-6.98	-6.29	-5.96	-3.98	-1.42	-6.12	-3.45	0.78	0.36	-1.35	-4.74	-4.24	-5.42
θ (105°)	-13.69	-2.81	-6.11	-12.65	-6.74	-7.8	-1.76	-1.41	-0.56	-2.88	-3.2	-13.86	-10.39	-12.56	-3.36	-2.97	-0.62	-8.34	-8.6	-1.26	-4.13	-1.53	-2.17	-13.06	-13.69
θ (120°)	-3.71	-6.32	-7.74	-16.95	-7.91	-9.8	-2.71	-0.83	-1.74	-3.52	-2.9	-3.15	-4.14	-7.57	-4.47	-7.2	-4.87	-5.18	-6.31	-16.61	-7.25	-11.65	-5.28	-8.06	-3.71
θ (135°)	-11.72	-16.37	-8.27	-13.98	-13.75	-8.28	-4.27	-3.73	-9.32	-6.37	-21.66	-0.14	-0.43	-5.07	-3.42	-0.35	-5.79	-3.6	-1.27	-1.84	-11.51	-6.88	-7.71	-11.69	-11.72
θ (150°)	-4.52	-11.04	-18.89	-18.57	-11.59	-14.83	-8.34	-21.64	-5.07	-20.33	-3.34	-3.36	0.48	-1.66	-13.58	-4.88	-4.34	-3.76	-6.87	-14.69	-8.31	-6.55	-9.54	-4	-4.52
θ (165°)	-5.79	-5.03	-5.39	-8.49	-16.1	-18.57	-14.69	-13.69	-10.49	-8.89	-8.75	-9.81	-11.99	-15.27	-17.77	-12.45	-8.92	-8.59	-12.11	-14.79	-8.42	-5.99	-5.95	-6.17	-5.79
θ (180°)	-8.38	-10.33	-12.46	-14.59	-14.95	-11.96	-9.35	-8.11	-7.69	-7.78	-8.18	-8.32	-8.4	-9.03	-10.64	-13.02	-16.25	-17.02	-13.83	-11.15	-9.65	-7.95	-6.82	-7.03	-8.38
Polarity	Phi																								
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 (360°)
θ (0°)	-12.63	-9.92	-6.61	-5.04	-4.2	-3.41	-3.26	-3.24	-3.81	-5.36	-7.54	-9.81	-11.14	-10.38	-7.49	-4.73	-3.13	-2.1	-2.01	-2.28	-2.73	-4.01	-6.23	-9.16	-12.63
θ (15°)	-9.34	-20.41	-12.11	-6.99	-4.98	-4.77	-4.46	-2.96	-2.4	-4.38	-10.1	-23.03	-11.49	-8.18	-7.36	-4.86	-2.56	-1.32	-1.14	-1.41	-2.11	-3.01	-4.14	-5.56	-9.34
θ (30°)	-19.25	-17.03	-17.44	-10.36	-4.92	-4.29	-4.17	-3.35	-4.24	-7.12	-20.53	-9.47	-10.64	-5.97	-3.57	-5.67	-3.99	-3.61	-5.9	-9.01	-7.45	-4.26	-3.26	-5.52	-19.25
θ (45°)	-15.69	-11.89	-9.79	-3.43	-0.94	-1.67	-0.33	-0.19	-1.2	-5.01	-8.54	-28.96	-17.39	-8.77	-2.24	-3.45	-2.35	-1.04	-5.06	-7.2	-7.61	-3.73	-2.44	-5.61	-15.69
θ (60°)	-10.36	-21.67	-5.48	-8.4	-7.04	-3.19	-1.28	-4.34	-15.17	-17.86	-16.47	-4.57	-12.28	-4.48	-16.3	-12.16	-1.92	0.57	-0.3	-4.3	-9.06	-3.1	0.46	-2.86	-10.36
θ (75°)	-7.62	-6.7	-10.27	-3.58	-1.11	-1.07	-2.04	-0.92	0	-5.34	-6.16	-7.46	-3.27	-6.39	-6.77	-16.13	-1.94	-3.87	-1.02	-2.57	-1.22	[0.93]	-0.65	-4.54	-7.62
θ (90°)	-8.82	-9.88	-14.58	-4.89	-2.56	-3.42	-4.17	-7.08	-8.11	-9.86	-14.18	-4.05	-6.22	-5.94	-6.82	-2.35	-6.02	-2.94	-0.76	-5.1	-4.47	-7.7	-6.16	-8.65	-8.82
θ (105°)	-8.51	-11.14	-5.85	-6.77	-3.02	-2.45	0.24	-6.42	-7.78	-3.59	-6.15	-12.73	-10.01	-14.95	-8.35	-1.42	-3.75	-6.69	-6.81	-5.67	-8.74	-13.83	-10.76	-8.94	-8.51
θ (120°)	-13.65	-12.94	-15.48	-1.36	-0.43	-0.92	-4.77	-9.33	-5.93	-1.54	-1.09	-6.34	-8.14	-14.16	-7.27	-9.73	-2.22	-0.28	-0.06	0.47	-4.56	-2.87	-6.72	-9.33	-13.65
θ (135°)	-13.08	-12.54	-10.23	-5.76	-4.73	-10.03	-6.21	-1.04	-7.69	0.21	-2.37	-6.1	-6.22	-13.8	-14.59	-17.09	-6.12	-5.22	-1.39	-3.55	-4.59	-8.6	-14.78	-14.5	-13.08
θ (150°)	-13.37	-12.28	-10.88	-3.57	-9.31	-7.61	-12.49	-17.87	-5.76	-7.38	-19.23	-15.77	-8.72	-5.56	-11.64	-6.62	-5.71	-8.56	-6.69	-2.11	-8.15	-7.52	-13.64	-22.48	-13.37
θ (165°)	-8.86	-10.86	-13.57	-12.31	-12.64	-21.6	-15.65	-13.52	-11.17	-9.65	-8.57	-8.74	-9.5	-10.85	-12.71	-10.69	-11.35	-15.36	-9.9	-8.97	-9.55	-10.77	-9.01	-8.3	-8.86
θ (180°)	-10.57	-8.83	-6.62	-5.52	-5.84	-7.43	-11.02	-16.6	-15.91	-16.16	-13.86	-11.14	-11.2	-12.62	-11.93	-9.51	-7.2	-7.62	-9.37	-11.86	-12.24	-13.98	-18.29	-15.62	-10.57

Ant.	No.3																								
Freq. (MHz)	6475																								
Polarity	Theta																								
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 (360°)
θ (0°)	-6.51	-6.15	-6.3	-6.89	-8	-8.82	-9.59	-9.58	-9.17	-9.03	-8.39	-7.98	-7.54	-8.2	-8.21	-8.03	-7.87	-7.39	-7.49	-7.21	-6.96	-6.96	-6.85	-6.52	-6.51
θ (15°)	-1.75	-1.63	-1.1	-2.45	-7.28	-13.08	-9.35	-10.13	-15.33	-11.81	-8.16	-7.19	-7.45	-7.54	-8.93	-10.77	-9.57	-5.82	-3.03	-1.27	-0.33	0.2	0.11	-0.56	-1.75
θ (30°)	-0.74	0.3	-0.08	-4.54	-11.03	-7.66	-7.12	-10.35	-11.28	-5.34	-3.1	-3.62	-6.58	-11.89	-8.04	-13.01	-15.97	-6.69	-4.87	-2.17	-0.8	-0.14	-1.52	-1.42	-0.74
θ (45°)	-1.35	-0.16	-3.45	-0.66	-2.58	-7.8	-12.83	-15.14	-15.47	-20.19	-11.08	-10.89	-4.46	-6.76	-15.31	-23.74	-12.63	-5.23	-3.01	-2.48	-1.57	-0.38	-6.15	-2.96	-1.35
θ (60°)	-5.38	-4.41	-5.3	-1.21	-4.18	-6.23	-2.43	-1.94	-4.33	-7.18	-9.7	-3.81	-10.12	-8.46	-16.23	-7.84	-17.15	-5.95	-2.42	-2.59	-3.16	-4.55	-5.59	-0.12	-5.38
θ (75°)	-5.03	-3.66	-2.45	-8.19	-3.48	-6.17	-3.56	-3.87	-3.54	-4.82	-7.8	-6.63	-15.78	-24.55	-15.51	-12.02	-17.37	-21.54	-4.16	-5.08	-2.03	-2.72	-0.72	-3.98	-5.03
θ (90°)	-4.44	-10.37	-0.65	-1.04	0.08	-2.29	-3.79	-6.2	-0.35	-0.8	-6.94	-7.07	-9.26	-6.79	-7.25	-7.46	-11.03	-5.38	-7.63	0.03	0.1	-1.69	-6.71	-4.64	-4.44
θ (105°)	-10.42	-2.19	-5.05	-4.75	-3.77	-4.2	-3.07	-1.8	-2.25	-3.14	-1.04	-14.77	-9.03	-11.52	-2.1	-3.31	-1.75	-13.92	-8.53	-0.59	-4.87	-1.94	-3.26	-9.46	-10.42
θ (120°)	-7.65	-7.52	-6.39	-26.17	-8.38	-13.96	-4.21	-0.13	-3.61	-3.68	-6.95	-7.97	-2.67	-5.13	-8.59	-16.16	-1.88	-3.65	-5.39	-19.99	-8.47	-12.4	-5.98	-5.69	-7.65
θ (135°)	-4.39	-16.56	-6.68	-12.06	-11.33	-11.5	-4.78	-5.49	-11.86	-3.28	-9.31	-1.81	[1.80]	-3.33	-2.23	-2.56	-3.21	-4.63	-1.96	-3.63	-14.19	-6.98	-2.52	-2.38	-4.39
θ (150°)	-1.1	-3.11	-13.69	-16.85	-8.52	-18.95	-8.53	-13.9	-9.41	-10.98	-1.79	-2.78	1.02	-1.83	-8.53	-2.17	-5.75	-4.19	-6.28	-5.99	-4.69	-8.41	-11.2	-4.45	-1.1
θ (165°)	-2.35	-3.56	-5.55	-9.1	-18.6	-17.4	-15.02	-12.02	-8.73	-8.27	-10.09	-12.11	-12.51	-17.41	-20.57	-10.7	-7.71	-8.59	-13.44	-16.25	-9.91	-5.39	-2.92	-2.03	-2.35
θ (180°)	-7.61	-8.93	-11.67	-14.72	-15.42	-13.32	-10.96	-9.86	-8.59	-8.81	-9.2	-9.63	-9.79	-9.41	-10.36	-11.74	-13.97	-15.79	-14.04	-11.44	-9.88	-8.52	-7.14	-6.95	-7.61
Polarity	Phi																								
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 (360°)
θ (0°)	-8.61	-8.7	-8.39	-7.85	-7.7	-7.65	-7.51	-7.51	-7.45	-7.49	-7.54	-7.69	-7.79	-7	-6.52	-6.18	-6.12	-6.1	-5.99	-6.19	-6.55	-6.9	-6.97	-7.23	-8.61
θ (15°)	-3.93	-7.1	-11.49	-6.21	-3.15	-3.05	-4.85	-5.04	-4.46	-5.94	-9.95	-19.17	-19.41	-13.54	-7.06	-3.04	-1.22	-0.85	-1.34	-2.27	-3.29	-3.74	-3.49	-3.38	-3.93
θ (30°)	-8.34	-14.87	-5.68	-8.28	-8.89	-4.36	-3	-0.78	-2.04	-6.78	-6.79	-6.96	-12.84	-9.51	-7.75	-2.8	-1.06	-0.22	-1.08	-0.22	-0.83	-2.51	-1.12	-0.64	-8.34
θ (45°)	-7.67	-7.67	-18	-4.64	-0.92	-1.88	-2.73	-4.17	-5.47	-8.94	-22.03	-8.54	-11.27	-7.39	-6.66	-3.64	-2.82	-3.73	-3.62	-1.64	-2.28	-4.73	-4.91	-4.97	-7.67
θ (60°)	-13.42	-11.52	-18.4	-3.1	-7.87	-8.47	-6.42	-9.32	-9.29	-7.28	-5.74	-8.32	-8.43	-5.98	-24.41	-13.41	-4.25	-1	-5.49	-7.17	-12.89	-7.34	-1.6	-5.43	-13.42
θ (75°)	-10.94	-7.85	-9.01	-6.2	-0.46	-2.48	-1.18	0.37	-0.11	-12.92	-5.13	-6.67	-6.05	-5.03	-6.08	-5.28	-2.72	-2.67	0.69	-1.62	-3.93	-3.11	-1.37	-5.06	-10.94
θ (90°)	-19.21	-14.55	-20.06	-7.09	-5.27	-3.71	-6.53	-4.64	-2.37	-6.6	-7.18	-4.03	-4.48	-5.02	-4.77	-5.21	-7.92	-4.26	-0.18	-3.24	-3.68	-5.53	-2.76	-7.83	-19.21
θ (105°)	-6.25	-6	-8.46	-4.85	-2.29	-4.47	[1.38]	-2.12	-5.83	-3.55	-3.08	-8.82	-12.17	-23.94	-11.46	-2.56	-6.47	-5.29	-4.01	-6.46	-5.42	-4.24	-5.25	-5	-6.25
θ (120°)	-13.29	-14.15	-12.72	-1.07	0.81	1.06	-1.51	-12.61	-10.55	-0.88	-3.64	-10.35	-10.92	-12.47	-8.4	-7.57	-1.19	-1.94	-3.43	-2.13	-5.15	-7.22	-16.24	-12.65	-13.29
θ (135°)	-23.26	-10.31	-8	-6.44	-7.05	-6.44	-5.55	-5.33	-13.8	-2.77	-9.34	-13.17	-9.15	-12.33	-7.04	-15.72	-0.99	-2.66	-2.79	-4.97	-0.79	-10.55	-14.42	-7.4	-23.26
θ (150°)	-15.88	-9.73	-8.19	-2.49	-6.72	-7.12	-11.27	-7.97	-6.07	-7.7	-20.59	-23.68	-9.47	-6.87	-12.5	-7.01	-5.51	-7.05	-6.19	0.2	-7.09	-7.46	-10.56	-20.9	-15.88
θ (165°)	-4.85	-4.76	-6.62	-10.47	-24.01	-11.72	-8.17	-8.74	-7.62	-7.99	-10.28	-16.56	-16.83	-17.95	-32.72	-13.14	-9.69	-8.95	-7.57	-10.76	-13.02	-9.79	-7.37	-5.98	-4.85
θ (180°)	-11.39	-9.34	-7.04	-5.76	-6.11	-7	-9.76	-13.98	-16.07	-16.91	-12.6	-11.13	-11.42	-11.23	-11.78	-11.1	-9.53	-8.41	-9.21	-11.12	-13.09	-14.28	-17.38	-17.29	-11.39

Ant.	No.3																								
Freq. (MHz)	6695																								
Polarity	Theta																								
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 (360°)
θ (0°)	-2.67	-3.77	-5.59	-8.65	-11.99	-13.2	-9.58	-6.12	-3.62	-2.44	-1.91	-1.95	-2.54	-4.08	-5.78	-8.77	-12.33	-10.37	-6.64	-4.07	-2.29	-1.38	-1.09	-1.61	-2.67
θ (15°)	0.02	-2.58	-3.74	-3.32	-5.79	-17.75	-15.21	-11.6	-11.68	-12.48	-14.66	-15.21	-10.09	-7.68	-8.78	-10.45	-7.43	-3.97	-2.6	-1.32	-0.1	0.67	1.15	1.12	0.02
θ (30°)	-0.72	-1.72	-1.55	-1.41	-6.7	-13.07	-8.16	-17.28	-15.92	-7.05	-6.52	-9.92	-19.82	-10.21	-8.33	-17.11	-15.3	-8.18	-3.41	-0.41	1.1	1.53	0.43	-1.3	-0.72
θ (45°)	0.55	-1.18	-2.58	-2.03	-2.12	-5.66	-8.36	-9.24	-11.73	-14.13	-8.96	-9.84	-10.12	-21.14	-13.48	-11.89	-12.58	-9.24	-5.51	-0.8	-0.73	-0.96	-1.94	-3.16	0.55
θ (60°)	-2.88	-0.77	-3.58	0.56	-0.36	-5.65	-2.2	-2.98	-5.67	-7.31	-8.79	-5.7	-6.8	-5.62	-15.1	-11.27	-18.93	-12.57	-4.38	-1.7	-0.02	-3.24	-6.29	-4.1	-2.88
θ (75°)	-7.22	-3.81	-3.52	-5.55	-7.89	-2.86	-4.04	-5.17	-9.95	-15.65	-6.95	-10.26	-12.11	-16.37	-13.95	-8.85	-15.05	-7.81	-4.27	-3.62	-3.47	-9.55	-5.31	-7.62	-7.22
θ (90°)	-3.8	-10.23	-4.21	-3.69	1.17	-3.36	-4.79	-4.96	0.36	0.04	-5.66	-7.13	-7.01	-7.36	-9.82	-19.62	-11.42	-9.86	-8.26	-3.93	-0.84	-4.91	-8.4	-9.16	-3.8
θ (105°)	-6.48	-4.89	-3.98	-5.19	-0.99	-4.48	-1.98	-2.11	-1.48	-5.89	0.8	-9.36	-9.46	-10.73	-2.85	-1.42	-0.37	-3.04	-3.99	-2.64	-2.17	-7.44	-6.26	-6.9	-6.48
θ (120°)	-10.98	-15.29	-7.29	-30.78	-5.29	-6.24	-6.08	0.63	-3.55	-4.97	-2.09	-13.72	-4.25	-7.16	-10.77	-9.08	-0.96	-4.44	-10.31	-15.14	-5.51	-10.7	-7.07	-9.63	-10.98
θ (135°)	-6.45	-16.2	-5.35	-11.06	-11.47	-6.32	-4.93	-5.08	-13.43	-4.3	-3.17	-2.85	1.97	-4.67	-2.4	-7.41	-1.93	-3.53	-4.04	-5.39	-16.88	-10.75	-2.95	-1.34	-6.45
θ (150°)	-0.49	-1.93	-16.24	-7.75	-4.85	-13.74	-10.04	-11.61	-9.24	-9.33	-1.8	0.91	[3.70]	-0.27	-6.52	-1.4	-7.4	-3.48	-2.97	-5.07	-8.24	-8.04	-7.07	-3.06	-0.49
θ (165°)	-0.34	-1.08	-3.15	-6.91	-14.52	-21.42	-19.32	-18.47	-19.22	-17.76	-11.78	-8.46	-8.48	-13.19	-18.86	-10.4	-8.57	-10.09	-12.91	-12.05	-7.83	-4.65	-2.25	-0.77	-0.34
θ (180°)	-10.66	-13	-16.87	-19.96	-17.72	-14.51	-12.1	-11.05	-10.71	-10.85	-12.66	-15.86	-16.02	-14.77	-15.52	-17.19	-17.86	-17.46	-14.32	-11.69	-10.29	-8.97	-8.39	-8.47	-10.66
Polarity	Phi																								
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 (360°)
θ (0°)	-8.44	-5.9	-4.14	-3.2	-2.56	-2.29	-3.09	-4.83	-7.48	-10.55	-13.08	-10.11	-6.38	-3.7	-1.74	-0.65	-0.35	-0.43	-1.21	-2.67	-4.9	-8.16	-11.52	-10.89	-8.44
θ (15°)	-5.85	-4.8	-7.27	-8.82	-3.94	-3.03	-6.68	-11.14	-11.82	-14.12	-17.63	-19.49	-19.17	-9.74	-3.87	-0.76	0.1	-0.37	-1.74	-3.55	-5.78	-6.71	-6.52	-7.17	-5.85
θ (30°)	-8.53	-21.49	-7.79	-6.13	-6.89	-5.81	-2.34	[1.14]	-0.17	-3.9	-3.82	-3.63	-7.51	-18.64	-7.95	-4.63	-3.04	0.08	0.14	0.26	-0.56	-2.88	-5.5	-4.1	-8.53
θ (45°)	-7.85	-13.76	-16.51	-8.39	0.23	-0.67	-1.37	-10.36	-8.39	-19.85	-14.45	-7.82	-11.77	-9.4	-8.93	-10.91	-5.33	-2.16	-0.13	0.2	-1.84	-1.96	-8.2	-7.04	-7.85
θ (60°)	-15.86	-11.71	-18.01	-1.36	-6.53	-5.21	-1.84	-6.47	-3.23	-2.72	-3.32	-5.84	-6.71	-5.09	-10.61	-11.25	-3.31	-3.69	-3.07	-0.26	-3.96	-4.47	-13.56	-14.59	-15.86
θ (75°)	-7.26	-17.46	-6.14	-13.94	-3.37	-2.17	-1.36	0.83	-2.73	-15.84	-9.71	-6.91	-11.76	-6.79	-11.62	-4.12	-4.64	-5.05	-2.66	-3.18	-8.4	-8.28	-4.9	-6.36	-7.26
θ (90°)	-10.79	-10.77	-14.36	-9.34	-0.95	-2.96	-6.19	-8.56	-5.64	-6.4	-8.01	-4.79	-5.21	-3.88	-4.07	-7.28	-9.18	-3	0.4	-0.68	-1.55	-3.87	-3.43	-11.3	-10.79
θ (105°)	-11.87	-6.87	-4.39	-3.75	-1.81	-5.05	-1.28	-4.81	-10.84	-2.26	-2.75	-8.66	-16.8	-18.25	-5.83	-1.79	-3.46	-1.14	-2.07	-6.89	-5.21	-5.08	-4.38	-8.53	-11.87
θ (120°)	-15.19	-9.75	-14.89	-1.81	0.55	0.96	-1.57	-6.57	-11.29	-1.26	-4.76	-13.6	-8.13	-7.93	-7.39	-2.59	0.4	-0.92	-4.56	-2.45	-5.51	-6.04	-15.5	-22	-15.19
θ (135°)	-10.76	-8.81	-12.45	-3.17	-2.59	-6.99	-6.28	-7.22	-11.72	-5.58	-18.65	-18.25	-19.61	-18.81	-4.42	-18.12	-0.23	-1.56	-1.33	-5.95	-1.79	-11.48	-16.02	-10.6	-10.76
θ (150°)	-10.94	-4.99	-6.78	-2.57	-6.85	-3.15	-7.4	-16.71	-7.18	-10.73	-10.77	-18.47	-13.53	-8.83	-13.79	-6.28	-4.3	-5.55	-9.86	-2.54	-19.74	-12.08	-12.58	-20.11	-10.94
θ (165°)	-5.86	-4.27	-3.83	-6.67	-23.79	-9.84	-9.09	-12.56	-8.52	-6.41	-7	-10.43	-14.34	-18.82	-29.49	-13.59	-6.71	-5.09	-7.47	-13.45	-13.71	-9.04	-6.9	-6.54	-5.86
θ (180°)	-12.01	-9.58	-7.45	-6.39	-6.62	-7.46	-10.25	-16.4	-27.93	-18.45	-13.47	-12.16	-11.78	-13.77	-15.25	-15.76	-14.43	-15	-15.25	-15.88	-19.2	-24.71	-32.12	-19.31	-12.01

Ant.	No.3																										
Freq. (MHz)	6995																										
Polarity	Theta																										
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 (360°)		
θ (0°)	-4.24	-5.61	-8.02	-11.21	-19.81	-18.06	-11.51	-7.93	-5.95	-4.44	-3.56	-3.35	-4.3	-5.97	-8.37	-11.54	-22.28	-19.65	-11.03	-7.65	-5.66	-4.27	-3.64	-3	-4.24		
θ (15°)	0.75	-0.75	-4.15	-4.74	-4.54	-7.74	-16.01	-18.52	-13.24	-9.94	-6.81	-4.74	-4.5	-6.43	-10.62	-27.92	-11.53	-5.89	-3.69	-3.28	-2.29	-0.94	0.16	1.26	0.75		
θ (30°)	-3.24	-3.91	-3.54	-3.69	-3.55	-11.07	-13.16	-16.71	-12.44	-10.71	-10.9	-14.33	-14.51	-8.12	-10.68	-15.26	-26.36	-6.41	-4.2	-2.24	-1.93	-2.35	-1.09	-0.71	-3.24		
θ (45°)	-2.02	1.09	-3.48	-5.94	-5.7	-10.43	-13.54	-15.65	-6.34	-9.09	-10.55	-8.53	-15.82	-8.17	-6.8	-13.95	-15.15	-11.17	-4.53	0.85	0.77	-0.59	0.21	-1.97	-2.02		
θ (60°)	0.18	-0.85	-1.41	-3.2	-2.69	-6.71	-11	-5.32	-6.01	-5.76	-9.23	-8.47	-17.68	-8.97	-11.95	-7.79	-7.06	-11.58	-16.15	-2.73	1.21	-1.89	-0.69	-3.82	0.18		
θ (75°)	-10.49	-3.09	-3.73	-2.63	-5.38	-4.11	-6.93	-8.21	-13.94	-17.78	-5.49	-11.23	-10.61	-14.81	-7.46	-14.21	-14.33	-6.25	-2.56	-2.03	-1.17	-5.1	-7.14	-10	-10.49		
θ (90°)	-2.98	-7.62	-9.16	-6.02	1.55	-6.36	-10.63	-5.83	-3.25	-1.44	-8.32	-2.17	-6.03	-7.94	-11.48	-7.4	-15.76	-10.62	-5.13	-6.61	-3.96	-1.53	-2.8	-19.19	-2.98		
θ (105°)	-14.47	-5.68	-5.8	-4.03	-2.91	-5.02	-2.74	-8.61	-4.08	-4.39	1.53	-3.36	-6.91	-12.39	-4.72	-8.2	-1.62	-1.69	-2.64	-3.67	-1.4	-1.82	-10.46	-9.63	-14.47		
θ (120°)	-8.78	-14.55	-13.44	-14.5	-9.05	-4.08	-2.78	0.89	-6.02	-1.82	0.75	-15.68	-0.5	-8.56	-6.35	-8.74	-1.38	-4.28	-14.17	-4.89	-22.25	-3.96	-8.89	-17.22	-8.78		
θ (135°)	-5.52	-8.49	-8.07	-19.13	-20.21	-3.08	-7.13	-14.66	-9.75	-3.33	-3.23	-2.36	1.72	-3.52	-4.26	-7.01	-3.15	-7.42	-9.48	-13.26	-5.25	-20.82	-3.79	-1.03	-5.52		
θ (150°)	-2.09	-2.04	-25	-13.11	-3.47	-12.83	-12.57	-9.21	-4.93	-8.46	-3.81	0.91	[3.14]	-0.75	-4.11	-2.05	-7.39	-5.3	-3.03	-0.89	-9.04	-16.19	-3.44	-5.23	-2.09		
θ (165°)	-0.12	-0.77	-2.74	-5.52	-8.2	-15.92	-23.41	-18.3	-10.78	-6.74	-4.85	-6.38	-11.49	-12.82	-7.93	-5.92	-6.38	-14.5	-25.02	-12.91	-4.57	-2.32	-1.4	-0.62	-0.12		
θ (180°)	-14.14	-17.37	-19.89	-21.56	-21.53	-18.4	-15.62	-12.54	-11.25	-13.48	-18.4	-21.22	-25.62	-21.98	-22.53	-22.32	-19.93	-16.33	-20.88	-27.51	-18.67	-12.55	-10.9	-11.73	-14.14		
Polarity	Phi																										
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 (360°)		
θ (0°)	-9.98	-7.58	-5.18	-4.18	-4.19	-4.23	-5.08	-7.14	-9.33	-15.75	-31.74	-13.53	-8.7	-6.18	-4.3	-3.27	-2.85	-2.95	-3.78	-5.14	-7.21	-11.7	-24.9	-18.1	-9.98		
θ (15°)	-11.51	-4.79	-3.06	-4.84	-4.55	-2.38	-2.58	-4.01	-6.28	-8.61	-14.62	-22.67	-8.57	-3.65	-0.73	0.86	1.04	-0.14	-2.36	-4.48	-6.52	-7.72	-9.73	-13.59	-11.51		
θ (30°)	-8.19	-8.95	-16.08	-6.51	-8.65	-10.6	-8.68	-2.44	-0.34	-2.2	-3.41	-4.5	-14.66	-18.91	-10.19	-4.81	-1.82	-0.92	-1.26	-2.62	-4.91	-6.79	-8.9	-12.97	-8.19		
θ (45°)	-5.22	-16.48	-9.91	-16.42	-5.63	-0.42	-1.02	-3.63	-12.04	-5.6	-4.67	-7.92	-20.83	-18.69	-18.29	-7.94	-0.98	1.99	1.65	0.99	-1.8	-3.6	-3.11	-2.62	-5.22		
θ (60°)	-17.28	-23.99	-12.08	-3.73	-3.83	-2.04	-5.06	-9.19	-1.14	-0.72	-1.36	-5.03	-8.05	-5.55	-4.6	-5.02	-6.15	-1.8	-2.17	0.99	-0.41	-5.83	-2.19	-3.63	-17.28		
θ (75°)	-18.57	-24.55	-11.26	-9.21	-3.13	-3.16	-2.64	1.64	-2.23	-9.96	-4.45	-3.91	-14.84	-9.66	-13.83	-9.9	-14.07	-1.46	-5.51	-7.99	-4.83	-6.92	-6.28	-6.49	-18.57		
θ (90°)	-26.55	-11.41	-13.07	-5.33	-1.89	-3.58	-6.79	-11.96	-3.51	-10.21	-5.18	-5.24	-5.14	-3.53	0	-1.57	-3.56	-1.4	-2.14	0.67	-3.56	-4.2	-14.71	-5.92	-26.55		
θ (105°)	-21.33	-13.24	-5.26	-3.88	-5.34	-4.12	-5.97	-4.8	-5.25	-4.75	-2.33	-18.08	-11.88	-10.33	-2.32	-0.58	-5.82	1.09	1.43	-3.95	-13.41	-1.41	-5.64	-8.18	-21.33		
θ (120°)	-12.83	-15.51	-9.93	-0.36	-2.36	-0.68	-2.62	-7.96	-11.47	-1.17	0.32	-12.33	-12.23	-5.71	-8.39	1.93	-0.47	[2.02]	-2.99	-6.15	-1.87	-3.49	-10.32	-12.77	-12.83		
θ (135°)	-13.68	-6.37	-8.08	-3.67	-1.19	-2.08	-4.2	-10.33	-3.81	-2.03	-9.23	-16.26	-22.03	-15.78	-9.33	-5.77	-1.93	1.15	-2.72	0.06	-3.8	-4.61	-12.45	-15.71	-13.68		
θ (150°)	-3.08	-3.28	-12.74	-6.01	-6.86	-2.97	-7.44	-7.37	-7.59	-4.21	-20.96	-15.53	-18.23	-16.3	-8.98	-2.84	-7.87	-11.15	-5.34	-8.28	-10.89	-13.52	-7.02	-3.34	-3.08		
θ (165°)	-6.01	-4.35	-6.1	-16.63	-9.15	-17.62	-9.41	-10.82	-14.27	-8.2	-5.29	-5.17	-7.75	-12.62	-15.53	-19.32	-18.51	-5.04	-4.98	-15.23	-17.21	-8.83	-5.98	-5.91	-6.01		
θ (180°)	-12.43	-9.76	-8.35	-6.89	-6.97	-7.1	-8.5	-11.63	-15.14	-14.9	-15.09	-16.54	-19.58	-18.6	-15.89	-18.17	-28.22	-21.27	-17.18	-14.45	-15.83	-22.93	-20.03	-14.64	-12.43		

A.2 Directional Gain@1SS:

1SS																											
Freq. (MHz)	2450																										
Polarity	Theta																										
		φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ
dB	φ (0°)	(15°)	(30°)	(45°)	(60°)	(75°)	(90°)	(105°)	(120°)	(135°)	(150°)	(165°)	(180°)	(195°)	(210°)	(225°)	(240°)	(255°)	(270°)	(285°)	(300°)	(315°)	(330°)	(345°)	(360°)		
θ (0°)	2.59	3.43	3.81	3.6	2.76	1.23	-1.11	-0.47	0.58	0.93	0.76	0.65	2.31	3.43	3.79	3.56	2.8	1.38	-0.72	0.23	1.07	1.36	1.11	0.74	2.59		
θ (15°)	1.77	2.69	3.11	2.84	1.86	0.52	-0.03	-0.22	-0.1	0.71	1.19	1.49	2.14	2.77	3.08	2.97	2.36	1.2	0.6	0.44	1.25	1.78	1.86	1.59	1.77		
θ (30°)	1.6	1.42	1.08	0.76	0.26	-0.38	-0.65	-0.45	0.37	1.2	1.87	2.16	2.07	2.82	3.34	3.5	3.3	2.85	2.17	1.43	0.78	1.18	1.7	1.91	1.6		
θ (45°)	1.49	0.21	-1.17	-1.21	-0.64	-1.3	-0.9	0.32	0.59	0.07	0.26	1.23	2.64	3.3	3.36	3.39	3.62	3.77	3.55	2.76	1.62	1.28	1.53	1.67	1.49		
θ (60°)	1.81	0.81	-0.51	-0.51	-0.13	-0.2	0.76	1.46	0.6	-1.2	-2.17	-0.21	2.06	2.87	2.94	3.15	3.64	3.82	3.51	3.21	3.51	3.68	3.27	2.65	1.81		
θ (75°)	3.31	1.29	-1.26	-2	-0.22	2.74	4.3	3.7	1.06	-1.48	-1.11	0.85	2.34	2.69	2.39	2.56	3.11	3.75	4.35	4.7	4.72	4.68	[4.91]	4.77	3.31		
θ (90°)	1.59	0.49	-1.15	-2.52	-1.83	0.94	2.67	1.53	0.77	1.75	2.84	3.7	3.84	3.67	2.84	0.81	0.3	1.84	2.98	3.48	2.54	2.55	3.21	2.54	1.59		
θ (105°)	-1.19	-0.97	-1.74	-2.24	0.22	2.53	3.09	1.77	0.88	1.23	1.95	2.55	3.42	3.67	2.89	1.42	0.21	-0.1	-0.13	0.05	0.29	0.87	0.93	0.1	-1.19		
θ (120°)	-1.79	-2.42	-3.58	-5.2	-2.22	0.46	1.63	1.59	0.63	-1.33	-0.72	-0.36	-0.83	-2.55	-4.96	-5.33	-3.69	-1.79	-1.03	-0.53	-0.65	-0.73	-0.69	-1.37	-1.79		
θ (135°)	-1.33	-1.16	-1.8	-2.6	-2.7	-1.91	-2.74	-2.72	-1.4	0.54	1.75	1.65	0.76	-0.25	-0.74	-0.82	-0.96	-1.06	-0.74	-0.99	-1.92	-1.92	-1.1	-0.57	-1.33		
θ (150°)	2.83	2.78	2.14	0.74	-1.65	-3.96	-3.21	-3.44	-2.83	-1.01	-0.19	-0.64	-1.15	-1.25	-0.2	0.71	0.71	0.06	-0.34	-0.97	0.06	1.1	1.8	2.53	2.83		
θ (165°)	-3.8	-2.78	-2.21	-2.47	-3.53	-4.26	-3.26	-1.63	-0.92	-1.38	-1.96	-3.08	-4.7	-5.31	-5.39	-6.26	-7.34	-6.29	-4.6	-3.88	-4.41	-6.31	-7.28	-6.03	-3.8		
θ (180°)	-2.16	-1.98	-1.88	-2.19	-2.83	-3.61	-4.21	-3.54	-2.87	-2.62	-2.56	-2.42	-2.41	-2.16	-1.92	-2.14	-2.82	-3.5	-4	-3.37	-2.6	-2.25	-2.25	-2.31	-2.16		
Polarity	Phi																										
		φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ
dB	φ (0°)	(15°)	(30°)	(45°)	(60°)	(75°)	(90°)	(105°)	(120°)	(135°)	(150°)	(165°)	(180°)	(195°)	(210°)	(225°)	(240°)	(255°)	(270°)	(285°)	(300°)	(315°)	(330°)	(345°)	(360°)		
θ (0°)	-1.43	-0.47	0.34	0.6	0.35	0.82	2.45	3.35	3.63	3.34	2.41	0.68	-1.05	0.32	1.11	1.29	0.98	0.7	2.34	3.3	3.52	3.06	1.93	0.05	-1.43		
θ (15°)	-0.39	0.53	1.3	1.49	1.46	2.23	3.42	[3.77]	3.43	2.47	0.91	-1.08	-1.45	-0.28	0.19	0.03	-0.6	-0.51	1.15	2.13	2.67	2.72	2.14	1.1	-0.39		
θ (30°)	0.23	0.64	1.22	1.17	1.13	1.96	3	3.07	2.09	0.76	-0.1	-0.7	-1.76	-0.49	0.46	0.41	0.1	0.55	1.43	2.03	2.18	2.44	2.4	1.67	0.23		
θ (45°)	0.28	0.12	0.39	0	-0.23	1.29	1.65	1.2	0.08	-1.45	-1.78	-1.7	-0.2	1.13	1.38	0.72	0	0.09	0.6	1.22	0.81	1	1.34	1.06	0.28		
θ (60°)	-0.45	-0.42	-0.23	-0.13	0.5	1.7	2.15	2.26	2.03	1.38	1.32	0.12	-0.99	0.9	2.04	1.75	0.49	-0.41	-0.44	-0.25	0.64	1.4	1.36	0.82	-0.45		
θ (75°)	0.1	-0.2	-1.31	-0.84	0.74	1.22	0.86	0.91	1.38	1.85	1.47	-0.9	-1	1.66	2.53	1.9	0.14	-1.15	-0.87	0.34	1.41	1.66	1.19	0.57	0.1		
θ (90°)	0.84	0.07	-0.64	0.79	1.84	2.36	1.54	0.7	0.83	0.93	1.09	-0.06	0.03	1.27	1.87	1.77	1.38	0.39	0.13	0.38	-0.05	0.27	1.21	1.37	0.84		
θ (105°)	0.09	0.17	2.65	2.94	2.5	2.27	2.29	2.32	1.51	0.22	0.32	-0.7	-0.43	1.68	2.05	1.33	0.66	0.81	1.36	1.82	1.69	1.22	1.65	1.58	0.09		
θ (120°)	-0.37	1.48	3.43	3.59	2.79	2.03	2.32	3.01	2.2	1.51	1.71	0.68	-0.59	0.87	-0.06	-1.46	-1.32	0.6	0.33	0.56	1.82	2.67	2.71	1.61	-0.37		
θ (135°)	-1.53	-0.16	0.66	1.05	1.27	0.89	2.22	2.22	1.28	0.67	0.21	-1.05	-2.63	-2.34	-1.8	-1.53	-0.48	0.33	-0.82	-0.56	1.64	3.28	3.3	1.94	-1.53		
θ (150°)	-1.21	-1.49	-1.91	-0.84	-0.57	-1.09	-1.85	-0.9	-0.78	-1.5	-2.91	-4.27	-3.72	-3.52	-3.27	-1.67	0	0.5	-0.56	-1.54	-0.17	1.98	2.42	1.23	-1.21		
θ (165°)	-5.15	-5.18	-3.65	-1.92	-0.7	0.09	0.17	-0.09	-1.18	-3.02	-5.24	-6.79	-7.54	-7.12	-5.66	-4.13	-3.17	-3.07	-3.53	-5.16	-6.33	-5.29	-4.39	-4.43	-5.15		
θ (180°)	-3.79	-3.66	-2.7	-2.03	-1.85	-1.97	-2.03	-2.19	-1.96	-2.05	-2.52	-3.19	-4.17	-3.99	-3.14	-2.56	-2.19	-2	-1.81	-1.67	-1.59	-1.79	-2.34	-3.03	-3.79		

1SS																											
Freq (MHz)	5200																										
Polarity	Theta																										
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 (360°)		
θ (0°)	0.33	0.3	0.87	1.35	1.57	1.97	2.35	2.36	2.96	3.34	3.07	2.32	1	0.65	1.09	1.35	1.28	1.58	1.97	2.16	2.4	2.57	2.42	1.83	0.33		
θ (15°)	-2.87	-0.31	2	3.11	3.41	2.99	2.76	2.02	2.62	3.23	3.06	2.07	1.03	1	2.18	3.38	3.52	2.85	2.04	0.88	0.01	-0.96	-2.19	-2.8	-2.87		
θ (30°)	-0.51	0.39	1.68	3.87	4.41	3.79	3.11	2.27	1.09	-0.72	-1.09	-0.61	-1.68	-1.92	0.39	1	0.49	0.44	0.27	0.32	1.01	1.11	1	-0.09	-0.51		
θ (45°)	2.72	2.72	0.76	0.62	4.34	3.34	3.4	4.12	1.86	1.08	0.6	1.18	1.37	0.12	0.33	0.01	0.91	1.77	0.55	0.5	-0.56	0	1.97	2.89	2.72		
θ (60°)	3.76	4.99	2.5	-0.1	4.02	0.69	1.79	4.36	4.27	4.25	3.63	0.95	3.04	0.51	0.91	1.11	2.88	2.52	2.57	1.98	2.28	1.78	3.18	3	3.76		
θ (75°)	3.49	[5.58]	0.32	0.82	2.56	1.55	2.97	4.13	3.88	4.12	3.23	3.24	3.22	2.35	2.59	3.79	1.07	2.15	3.55	4.39	4.56	4.27	1.24	2.59	3.49		
θ (90°)	1.98	2.38	2.42	1.43	2.69	2.15	3.53	4.46	2.9	3.22	2.09	2.61	2.25	3.35	2.45	2.16	0.57	0.86	3.29	3.47	5.55	4.74	1.22	4.01	1.98		
θ (105°)	2.17	-0.45	0.57	2.8	3.53	1.31	3.99	4.95	2.66	-1.19	0.54	1.86	2.1	2.04	-0.57	1.05	-3.08	0.83	2.64	2.35	3.56	1.64	1.89	4.03	2.17		
θ (120°)	2.89	2.13	1.45	-1.87	0.3	2.77	2.58	3.1	1.81	-0.3	2.01	1.24	3.92	3.44	2.12	0.69	-2.71	-1.39	-0.58	-1.2	2.23	2.9	-0.01	1.65	2.89		
θ (135°)	-0.75	-0.22	-1.7	-3.02	0.88	1.02	1.09	3.76	-0.08	0.24	0.57	1.34	2.15	1.41	-1.55	-0.2	-5.48	-8.72	-8.2	-0.29	1.21	2.57	1.44	0.31	-0.75		
θ (150°)	2.56	0.24	-1.15	0.03	-0.34	-2.53	-0.65	0.29	1.83	2.36	2.08	-0.81	-4.84	-4.91	-4.63	-8.09	-6.44	-3.93	-6.4	-1.17	0.52	-1.09	0.13	1.83	2.56		
θ (165°)	-1.7	-2.18	-2.17	-1.43	-0.68	-0.7	-2	-1.77	-1.36	-1.25	-2.59	-4.73	-5.71	-6.48	-5.66	-6.5	-7.56	-7.89	-5.99	-4.3	-4.02	-5.53	-3.88	-2.15	-1.7		
θ (180°)	-3.66	-4.03	-4.3	-5.04	-5.91	-7.33	-6.26	-3.33	-2.05	-1.64	-1.53	-1.93	-2.97	-4.63	-4.74	-4.82	-5.33	-6.24	-5.93	-4.15	-2.98	-2.52	-2.56	-2.83	-3.66		
Polarity	Phi																										
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 (360°)		
θ (0°)	2.4	2.61	2.9	3.3	3.01	2.29	1.22	0.46	0.91	1.2	1.36	1.47	2.16	2.51	2.97	3.23	2.99	2.14	0.91	0.06	0.4	0.59	0.83	1.46	2.4		
θ (15°)	-0.85	-0.81	0.34	1.58	2.24	2.24	2.1	2.26	2.18	1.75	1.8	2	2.3	3.09	3.92	4.46	4.4	3.72	2.87	2.08	1.52	1.1	0.69	0.29	-0.85		
θ (30°)	3.43	2.49	1.94	1.29	0.09	-0.02	0.37	0.16	-0.05	1.05	2.59	3.75	3.71	2.92	2.06	1.72	1.2	-0.54	-1.04	-0.75	-1.07	-1.73	1.22	3.55	3.43		
θ (45°)	3.12	3.37	4.13	4.54	3.12	1.45	0.68	-2	0.14	1.7	2.1	2.73	2.98	3.13	1.27	-2.6	-5.71	-1.72	-1.29	-2.57	-1.71	0.11	0.29	2.09	3.12		
θ (60°)	2.3	1.74	2.66	4.74	4.34	0.52	0.35	-0.35	-1.21	1.58	1.75	0.68	1.08	2.42	1.37	-1.47	0.53	0.49	-1.52	-1.09	-0.19	-1.37	-0.23	3.13	2.3		
θ (75°)	0.25	-3.32	-3.97	-1.43	1.8	1.48	1.17	1.91	-0.82	0.19	1.21	1.76	2.37	1.95	1.48	3	3.24	-0.28	-1.2	-0.13	1.13	-0.27	1.06	1.04	0.25		
θ (90°)	0.65	0.09	-0.24	-0.22	-4.55	1.15	0.79	1.03	-2.79	-0.26	0.16	-0.12	-0.68	-2.3	0.93	3.55	2.68	0.13	0.06	-0.03	-1.46	-2.39	1.77	1.71	0.65		
θ (105°)	-0.17	1.77	1.89	-3.82	-2.11	-5.04	-3.64	-0.87	-3.3	-1.31	-2.34	0.63	0.93	1.03	0.69	0.84	-0.12	-2.16	-6.22	-3.61	-2.06	-4.35	-0.78	1.14	-0.17		
θ (120°)	-2	-3.76	-0.86	-2.27	-2.81	-2.62	-7.42	-3.51	-0.79	-0.33	-2.64	-5.06	-2.22	-4.46	-1.89	0.17	-0.02	-6.37	-4.65	-2.46	1.17	-1.63	-3.06	-0.03	-2		
θ (135°)	0.33	3.35	2.57	2.97	-0.12	-0.91	-2.5	-0.46	-0.1	-1.14	-3.64	-1.59	-4.89	-1.69	0.42	0.21	-0.47	-6.36	-5.32	-0.43	1.59	0.55	1.51	0.79	0.33		
θ (150°)	4.21	[5.36]	4.88	2.39	0.54	-1.75	-5.7	-5.2	-2.47	-1.83	-3.42	-3.38	-3.1	-1.07	0.37	-0.61	0.23	-0.35	-0.91	-0.42	-2.65	-2.25	-0.66	0.43	4.21		
θ (165°)	-0.49	0.39	0.8	1.27	1.41	0.11	-1.42	-3.86	-7.39	-9.77	-7.65	-6.23	-3.81	-2.97	-2.63	-1.96	-1.14	-0.98	-1.95	-4.74	-7.43	-7.52	-3.71	-1.7	-0.49		
θ (180°)	-5.54	-4.68	-3.35	-2.86	-2.44	-2.02	-2.54	-2.89	-3.53	-3.34	-4.19	-5.54	-4.45	-2.79	-1.48	-0.85	-0.92	-2.1	-3.42	-3.97	-3.93	-3.98	-4.88	-5.81	-5.54		

1SS																											
Freq. (MHz)	5300																										
Polarity	Theta																										
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 (360°)		
θ (0°)	0.67	0.62	1.39	2.04	2.56	2.79	2.97	2.99	3.18	3.34	3.13	2.44	1.12	0.48	0.96	1.59	1.88	2.22	2.62	2.67	3	3.2	2.92	1.95	0.67		
θ (15°)	-2.09	0.07	2.36	3.2	3.25	3.29	2.55	2.24	2.43	2.56	2.49	1.77	0.6	0.81	2.29	3.3	3.55	2.79	1.44	0.92	0.5	-0.2	-1.1	-2.15	-2.09		
θ (30°)	-1.38	0.5	1.18	2.55	3.92	3.39	1.97	2.05	0.83	-0.67	-1.16	-0.93	-1.79	-1.26	0.91	1.32	0.33	0.28	0.58	0.52	1.3	1.84	2.14	0.53	-1.38		
θ (45°)	2.54	3.74	0.43	1.64	4.79	3.57	3.06	4.05	1.37	1.02	-0.47	1.52	2.26	1.88	0.03	-1.45	1.48	1.68	0.25	0.43	-0.45	0.43	2.49	3.17	2.54		
θ (60°)	4.47	5.16	2.15	0.5	3.5	1.31	3.17	4.02	3.11	3.36	3.06	1.2	4.29	1.23	0.83	1.43	2.26	2.43	2.95	1.52	2.5	2.1	3.85	3.81	4.47		
θ (75°)	2.88	[5.34]	1.47	1.59	1.77	2.76	3.14	3.29	3.14	3.73	3.56	3.45	3.89	2.37	2.17	3.45	-0.03	2.92	3.25	3.89	3.06	3.79	1.06	3.4	2.88		
θ (90°)	2.38	4.12	2.77	1.23	2.91	2.3	3.59	4.12	2.65	3.4	2.43	3.57	3.53	3.65	2.55	1.2	1.49	1.16	3.02	3.72	5.11	4.72	0.52	3.46	2.38		
θ (105°)	3.08	-0.01	0.77	3.28	4.02	1.26	4.65	4.7	2.28	-0.05	0.84	2.1	2.4	1.99	-0.18	0.46	-2.79	0.23	2.14	2.21	3.05	1.44	1.02	3.55	3.08		
θ (120°)	3.09	2.63	1.94	-1.45	0.54	2.1	2.05	2.75	1.28	-0.69	1.97	1.34	4.87	2.56	2.45	0.4	-2.81	-2.89	-1.5	-0.35	1.01	1.88	0.84	1.9	3.09		
θ (135°)	-1.65	-0.98	-1.46	-5.23	0.09	0.93	1.08	3.31	-0.77	-0.2	0.92	1.98	1.59	0.31	-2.86	-0.88	-6.47	-11.82	-8.48	-0.58	0.84	2.27	0.96	-1.57	-1.65		
θ (150°)	1.69	-0.02	-1.47	-0.59	-1.45	-2.19	0.36	0.68	1.72	2.26	1.56	-0.54	-3.5	-4.49	-4.34	-8.59	-9.04	-5.18	-6.74	-0.17	0.76	-1.1	-1.4	0.39	1.69		
θ (165°)	-2.44	-2.19	-1.92	-1.48	-0.41	-0.72	-2.63	-3.41	-3.16	-2.26	-2.5	-4.39	-5.88	-6.68	-7.46	-6.93	-7.74	-7.88	-5.88	-4.24	-3.58	-5.36	-5.58	-3.9	-2.44		
θ (180°)	-3.51	-4.58	-5.13	-5.62	-6.25	-7.24	-5.84	-3.5	-1.98	-1.29	-1.22	-1.79	-2.64	-4.17	-5.67	-6.02	-5.71	-5.39	-4.83	-3.34	-2.27	-2	-1.91	-2.36	-3.51		
Polarity	0.67	0.62	1.39	2.04	2.56	2.79	2.97	2.99	3.18	3.34	3.13	2.44	1.12	0.48	0.96	1.59	1.88	2.22	2.62	2.67	3	3.2	2.92	1.95	0.67		
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 (360°)		
θ (0°)	2.94	3	3.2	3.39	3.26	2.55	1.47	0.79	1.03	1.73	2.06	2.48	2.9	2.96	3.26	3.54	3.21	2.45	1.24	0.79	0.82	1.62	2.13	2.54	2.94		
θ (15°)	-0.45	0.42	1.05	1.67	1.41	0.87	1.31	2.01	2.05	2.08	2.29	2.39	2.56	3.22	3.92	4.32	4.17	3.1	1.85	0.77	0.18	-0.32	-0.37	-0.62	-0.45		
θ (30°)	2.72	1.63	1.18	0.96	0.49	0	-0.08	-0.12	0.03	1.85	3.27	3.7	3.48	2.36	1.33	1.1	-0.36	-2.39	-1.95	-0.9	-1.14	-1.77	1.79	3.57	2.72		
θ (45°)	2.77	2.95	4.28	4.44	3.18	1.49	-0.41	-1.61	0.88	2.01	2.01	2.22	2.73	3	1.47	-3.65	-4.97	-1.67	-1.38	-2.56	-2.31	-1.35	2.1	3.44	2.77		
θ (60°)	1.61	0.81	1.8	4.24	3.63	0.74	0.26	0.67	0.9	2.83	2.29	1.82	2.15	3.01	2.45	-1.22	0.14	0.72	-0.52	0.21	-0.22	-2.81	-0.49	2.48	1.61		
θ (75°)	1.43	-2.71	-3.43	-2.91	2.11	2.44	2.15	2.85	-0.8	0.88	2.5	2.48	2.53	2.81	1.6	2.18	2.68	-0.71	-0.63	0.62	0.37	-0.59	-0.32	0.07	1.43		
θ (90°)	0.09	-0.23	0.45	-0.44	-2.13	-0.19	1.88	1.39	-1.68	0.29	-0.11	0.22	0.58	-1.12	0.22	3.11	2.97	-0.17	-0.75	-0.2	-1.68	-2.01	1.11	1.64	0.09		
θ (105°)	-0.62	0.9	1.81	-3.26	-1.67	-3.97	-2.78	0.01	-2.01	-2.14	-1.34	1.13	0.85	0.16	0.83	1.1	-0.37	-1.05	-3.41	-1.76	-0.94	-4.66	-0.39	0.14	-0.62		
θ (120°)	-2.48	-2.7	-1.56	-1.9	-2.32	-2.89	-6.46	-2.43	-0.85	-1.57	-1.61	-3.44	-2.26	-4.82	-2.37	-0.48	0.56	-6.21	-5.2	-3.19	0.8	-1.81	-4.29	-1.73	-2.48		
θ (135°)	0	2.31	1.65	3.56	0.48	-1.87	-3.89	-1.81	0.13	-0.33	-5.22	-1.36	-5.22	-4.27	-1.01	0.13	-1.78	-5.58	-5.9	-0.71	1.74	0.4	0.91	1.23	0		
θ (150°)	3.56	[5.81]	5.08	2.26	0.7	-1.48	-6.39	-4.96	-4.1	-1.93	-3.54	-4.69	-4.91	-2.45	0.09	-0.54	-0.39	-0.63	-1.59	-0.13	-1.27	-0.42	1.11	0.8	3.56		
θ (165°)	0.01	1.41	1.88	1.02	0.69	-0.66	-2.51	-4.89	-7.15	-8.55	-7.13	-7.08	-4.72	-2.89	-2.59	-2.33	-1.47	-1.6	-2.61	-5.11	-7.99	-9.1	-4.49	-1.99	0.01		
θ (180°)	-5.18	-3.72	-2.82	-2.2	-2.08	-2.22	-2.99	-3.96	-4.18	-4.08	-4.55	-5.92	-5.53	-3.13	-1.24	-0.19	-0.5	-1.14	-2.07	-4.06	-4.58	-4.44	-5.17	-5.59	-5.18		

1SS																									
Freq. (MHz)	5600																								
Polarity	Theta																								
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 (360°)
θ (0°)	1.8	1.98	2.8	3.65	3.78	3.75	3.12	2.94	3.45	3.55	3.32	2.73	1.9	1.63	2.29	2.91	3.3	3.19	3.09	2.99	3.33	3.6	3.21	2.47	1.8
θ (15°)	0.18	0.09	0.21	2.17	3.84	4.58	4.22	3.66	3.13	1.88	0.76	-0.54	-1.58	-0.92	0.52	1.87	2.11	1.38	-0.35	-0.22	0.63	1.3	1.01	0.45	0.18
θ (30°)	-1	-0.34	-0.15	1.2	2.15	1.64	2.43	3.04	1.03	-2.53	-1.23	-1.97	-2.24	-0.23	0.02	-1.28	-0.28	1.45	1	0.28	-1.03	0.18	1.17	-0.73	-1
θ (45°)	2.19	0.79	-2.58	0.85	2.4	1.24	2.33	2.82	1.09	-0.92	-1.85	-0.79	0.27	1.4	0.1	-1.68	0.54	0.07	0.19	0.67	0.17	-0.03	-1.38	0.3	2.19
θ (60°)	5.06	3.11	-3.45	1.7	1.92	2.86	3.93	3.67	4.02	3.13	1.77	3.24	3.1	2.51	-0.71	-0.72	1.42	0.48	2.63	2.77	0.67	2.84	3.7	3.38	5.06
θ (75°)	3.72	4.31	-1.79	0.04	2.15	2.47	2.2	2.4	4.94	4.49	3.6	[5.67]	4.38	3.65	1.82	3.31	1.9	0.99	2.23	3.19	2.12	1.49	2.15	2.08	3.72
θ (90°)	1.87	3.48	1.11	2.19	0.81	1.18	2.93	1.2	2.18	4.11	2.28	4.46	4.95	4.76	3.87	3.32	2.77	0.03	0.71	1.68	2.89	3.75	0.93	2.16	1.87
θ (105°)	1.58	0.18	2.98	4.82	4.15	1.97	4.55	2.1	-2.32	2.18	2.78	1.46	3.91	1.09	0.69	2.7	-1.12	-3	2.24	1.8	3.42	1.02	1.14	0.46	1.58
θ (120°)	1.39	1.35	3.3	2.12	3.51	4.02	2.52	1.93	-2.35	-0.24	3.74	1.83	5.05	2.33	2.29	2.11	-5.02	-6.56	-1.97	1.14	2.16	-0.57	1.12	0.7	1.39
θ (135°)	0.83	2.06	0.39	-1.79	0.97	2.68	1.42	1.73	-1.66	1.9	2.74	0.83	1.31	-2.98	-1.81	-3.03	-5.01	-11.03	-3.05	1.5	2.37	1.86	1.89	0.43	0.83
θ (150°)	-1.26	-2.49	-3.19	-0.63	-1.06	0.04	1.1	0.38	2.64	2.73	0.9	0.1	-1.48	-5.68	-4.27	-7.51	-8.13	-5.24	-4.73	0	-0.49	-1.9	-1.08	-2.48	-1.26
θ (165°)	-3.78	-4.5	-2.84	-1.9	-0.36	0.29	-2.18	-5.83	-5.48	-3.5	-2.23	-3.26	-6.37	-6.64	-7.71	-9.05	-11.3	-9.41	-6.24	-4.25	-2.4	-2.4	-3.7	-4.31	-3.78
θ (180°)	-3.2	-4.11	-4.68	-5.83	-6.94	-6.01	-4.45	-2.39	-1.56	-1.07	-1.23	-1.94	-2.83	-3.65	-4.54	-5.34	-5.67	-5.17	-4.14	-2.87	-1.99	-1.66	-1.58	-1.96	-3.2
Polarity	Phi																								
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 (360°)
θ (0°)	3.07	3.58	3.95	3.94	3.34	2.65	2.05	2.21	2.86	3.48	3.73	3.52	3.04	3.04	3.68	3.84	3.61	2.98	2.34	2.18	3.05	3.67	3.82	3.71	3.07
θ (15°)	-0.45	1.18	2.27	2.35	1.77	0.71	0.61	2.33	2.97	2.78	1.97	1.21	1.2	1.04	1.53	2.51	3	2.78	2.04	1.23	0.4	-0.59	-1.68	-2.01	-0.45
θ (30°)	-0.39	-0.21	0.32	1	0.65	-1.26	-0.54	-0.45	-0.7	1.47	3.73	3.48	1.85	-0.16	-0.77	-0.03	-0.66	-0.93	0.15	0.03	0.23	0.12	-0.2	-0.29	-0.39
θ (45°)	2.29	2.25	2.43	3.25	3.35	0.56	-0.49	-0.09	-1.05	2.15	3.43	2.3	2.76	1.37	-0.34	-1.67	-3.89	-3.66	-3.94	-1.01	-0.06	-0.03	3.15	3.48	2.29
θ (60°)	1.51	1.12	2.42	3.26	3.19	0.9	-2.56	-0.06	1.03	2.17	0.85	-0.53	1.86	3.86	2.25	0.36	-1.21	-0.98	-1.4	-0.58	0.54	-1.28	0.43	1.51	1.51
θ (75°)	0.54	0.07	0.25	1.26	1.39	-0.7	-1.46	0.41	1.19	1.92	3.02	2.47	3.34	2.68	-0.24	2.03	0.77	0.41	2	0.99	-0.29	0.11	1.32	0.54	
θ (90°)	-1.39	-0.24	1.1	1.15	-0.03	-1.33	0.83	0.54	-0.09	-2.72	-1.28	-0.56	1.08	0.31	0.86	-0.86	1.25	-0.75	-2.13	-2.41	-0.74	0.15	1.56	0.51	-1.39
θ (105°)	-1.12	0.05	0.82	1.15	-3.28	-2.1	-3.23	-0.96	-2.82	-1.68	0.73	0.06	-2.42	-3.34	-1.63	-0.34	-3.1	-2.55	-7.44	-2.55	-3.41	-4.48	-0.66	-0.02	-1.12
θ (120°)	-2.82	-1.07	-2.91	-4.83	-3.12	-2.82	-4.69	-0.85	-0.29	-3.63	-0.85	-3.95	-1.87	-3.78	-2.73	-4.27	-1.07	-2.11	-7.47	-4.49	-0.47	-2.35	-4.42	-3.09	-2.82
θ (135°)	0.01	0.39	-0.05	3.34	-0.25	-1.81	-2.92	-1.42	1.24	-0.98	-7.22	-2.61	-4.62	-6.61	-2.48	-1.58	-1.44	-3.44	-7.11	-2.12	2.75	-0.38	1.11	1.46	0.01
θ (150°)	3.79	[5.70]	4.39	2.69	2.25	-0.92	-4	-5.08	-4.34	-3.57	-2.86	-3.7	-4.85	-2.43	-1.2	-1.52	0.37	0.26	-0.81	-0.64	-1.25	-0.55	1.25	1.42	3.79
θ (165°)	2.58	3.21	3.18	2.74	0.94	-3.79	-6.35	-5.91	-7	-9.96	-7.09	-5.59	-4.95	-3.94	-3.94	-3.47	-2.69	-2.31	-1.91	-2.28	-3.01	-4.79	-2.22	0.43	2.58
θ (180°)	-3.67	-2.57	-2.24	-1.84	-1.42	-1.7	-2.91	-4.48	-4.98	-5.12	-5.48	-5.39	-5.2	-4.64	-2.08	-1.25	-1.15	-1.7	-2.34	-3.74	-4.22	-5.29	-5.39	-5.22	-3.67

1SS																									
Freq. (MHz)	5785																								
Polarity	Theta																								
		φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	
dB	φ (0°)	(15°)	(30°)	(45°)	(60°)	(75°)	(90°)	(105°)	(120°)	(135°)	(150°)	(165°)	(180°)	(195°)	(210°)	(225°)	(240°)	(255°)	(270°)	(285°)	(300°)	(315°)	(330°)	(345°)	(360°)
θ (0°)	-0.1	1.12	2.58	3.72	4.22	4.14	3.59	2.95	2.03	1.33	0.63	-0.48	-0.62	0.5	1.99	2.95	3.53	3.58	3.13	2.36	1.5	1.52	0.8	-0.16	-0.1
θ (15°)	0.56	0.25	1.78	3.41	4.06	4.12	3.48	3.39	2.53	0.79	-1.58	-3.07	-2.29	-0.51	-0.14	0.17	0.02	-0.43	-1.21	-0.57	0.16	-0.01	0.11	0.41	0.56
θ (30°)	-0.7	-2.36	-1.84	1.42	1.56	0.1	1.23	2.27	1.46	-1.14	-1.14	-2.14	-3.57	-0.98	1.28	0.07	-1.45	0.56	1.23	0.14	-1.49	-0.08	1.07	0.08	-0.7
θ (45°)	2.24	0.78	-0.71	0.26	1.16	3.49	3.72	3.61	1.34	-1	-3.38	-1.6	-0.23	1.35	0.14	0.09	1.36	0.74	0.26	0.17	-0.56	2.6	4.06	3.27	2.24
θ (60°)	4.07	3.58	-3.02	2.24	0.66	3.93	4.3	4.23	4.1	4.03	2.12	2.29	2.82	3.69	1.03	-0.93	1.97	2.24	0.95	2.51	0.58	3.09	2.95	3.76	4.07
θ (75°)	1.6	2.89	-0.16	2.15	2.73	3.29	0.45	3.38	[5.88]	4.66	3.44	4.84	3.85	3.72	2.76	3.83	3.43	0.25	-0.71	2.8	2.41	1.5	-0.18	2.22	1.6
θ (90°)	2.53	1.78	0.45	1.52	2.15	3.58	2.83	1.43	2.72	3.94	1.48	5.08	4.42	4.65	5.52	3.4	3.61	-0.05	-0.76	2.93	2.32	3.83	-0.76	2.68	2.53
θ (105°)	1.8	0.66	2.23	3.29	3.45	2.2	4.11	0.85	-0.07	1.26	2.84	3.71	4.21	0.38	0.84	3.37	0.96	-3.25	1.71	2.82	3.25	0.5	1.24	0.83	1.8
θ (120°)	1.26	1.05	2.99	2.04	3.13	4.47	1.38	1.19	0.07	1.61	3.03	1.7	4.84	3.17	2.5	2.03	-3.79	-7.64	-3.35	1.29	2.32	-1.43	0.66	0.34	1.26
θ (135°)	1.5	1.76	-0.07	0.03	0.95	2.75	0.66	1.74	-0.75	1.89	3.04	-0.15	1.29	-0.5	0.63	-0.27	-4.37	-8.4	-1.77	1.86	1.92	1.89	1.33	-1.07	1.5
θ (150°)	-1.33	-1.5	0.04	0.28	-0.35	0.59	2.57	0.68	2.43	3.81	2.25	1.17	-0.57	-3.39	-3.28	-3.81	-6.18	-3.92	-2.02	0.84	-0.49	-1.92	-0.84	-2.02	-1.33
θ (165°)	-3.47	-4.39	-4.17	-2.69	-1.05	-0.93	-1.94	-3.24	-2.69	-1.07	-0.39	-2.19	-4.6	-3.99	-4.48	-6.83	-9.22	-9.4	-5.54	-4.36	-3.14	-3.49	-5.25	-4.64	-3.47
θ (180°)	-4.65	-5.72	-5.76	-6.42	-7.62	-6.76	-5.58	-4.01	-3.52	-3.02	-2.62	-2.8	-3.78	-5.31	-6.73	-6.78	-6.51	-5.64	-4.72	-3.75	-3.44	-3.25	-3.23	-3.65	-4.65
Polarity	Phi																								
		φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	
dB	φ (0°)	(15°)	(30°)	(45°)	(60°)	(75°)	(90°)	(105°)	(120°)	(135°)	(150°)	(165°)	(180°)	(195°)	(210°)	(225°)	(240°)	(255°)	(270°)	(285°)	(300°)	(315°)	(330°)	(345°)	(360°)
θ (0°)	3.77	2.9	2.58	2.26	1.62	0.73	0.87	1.76	3.06	3.98	4.31	4.35	3.77	2.64	1.8	1.41	0.69	-0.07	0.53	1.48	3.01	3.92	4.46	4.45	3.77
θ (15°)	-0.93	0.49	1.02	1.18	1.19	1.73	1.48	2.57	3.79	3.75	2.13	0.07	-0.67	0.44	2.1	3.29	3.71	3.5	2.71	2.03	1.41	0.03	-1.62	-3.08	-0.93
θ (30°)	-0.23	-0.63	-0.54	-0.87	-2.2	-1.84	-0.04	-1.28	0.58	2.61	2.23	2.26	1.58	0.06	1.24	2.57	2.15	1.57	2.35	2.36	2.25	1.36	-0.4	-0.14	-0.23
θ (45°)	2.2	1.27	-0.09	2.75	4.05	-0.63	-2.18	-0.74	-0.23	1.46	2.5	2.04	1.2	-0.35	0.42	0.52	-0.29	-1.71	-3.35	-0.6	0.92	1.19	3.18	3.85	2.2
θ (60°)	-0.16	0.32	3.76	2.59	1.99	-1.03	-3.37	0.1	2.51	2.26	-0.99	-0.62	-0.55	0.42	1.9	1.53	-0.55	-0.86	0.46	2.08	0.87	-0.98	1.38	2.7	-0.16
θ (75°)	-0.72	-1.11	1.21	2.2	2.31	-0.49	0.22	1.21	1.45	0.69	0.39	2.15	1.09	1.64	2.42	0.51	3.24	1.18	-1.01	1.04	-0.31	-0.43	0.35	1.25	-0.72
θ (90°)	-3.11	0.08	1.16	1.29	1.18	-0.64	0.67	-1.65	-0.56	-0.41	-2.18	0.25	0.61	0.57	0.35	1.42	1.2	-1.54	-2.99	-3.54	-2.04	0.39	0.71	-0.26	-3.11
θ (105°)	-2.58	0.12	0.53	0.98	-1.28	-3.76	-1.71	-1.52	-1.45	0.04	1.06	-1.24	-3.16	-3.85	-1.77	0.21	-6.15	-2.37	-4.7	-2.29	-1.69	-4.09	-0.34	0.86	-2.58
θ (120°)	-0.63	1.36	-0.71	-5.09	-5.05	-6.12	-5.24	-3.23	-0.39	-1.01	-0.26	-2.29	-2.15	-4.11	-0.65	-2.71	-1.6	-0.35	-7.78	-3.9	-0.33	-1.44	-5.52	-0.14	-0.63
θ (135°)	0.03	-0.99	-0.41	3.14	-0.8	-5.74	-0.41	1.02	2.88	-0.92	-5.22	-2.1	-5.4	-7.6	-2.96	-1.14	-0.87	-2.37	-5.46	-1.3	2.87	0.9	-0.13	-0.14	0.03
θ (150°)	3.47	[5.51]	4.36	3.08	3.05	0.93	-0.45	-2.93	-2.49	-4.18	-2.58	-2.4	-2.2	-2.89	-3.84	-1.52	-0.51	-0.22	-1.58	-1	-1.39	-2.16	1.08	0.93	3.47
θ (165°)	2.41	3.11	3.44	3.23	2.06	-2.36	-7.8	-5.85	-6.04	-9.55	-8.51	-4.34	-3.53	-3.27	-3.6	-5.03	-3.2	-2.48	-3.3	-2.71	-3.36	-5.62	-1.93	0.52	2.41
θ (180°)	-3.65	-2.61	-2.16	-2.42	-2.28	-3.01	-4.5	-5.85	-5.67	-5.75	-6.45	-6.19	-6.55	-5.02	-2.32	-1.98	-2.03	-3.75	-5.37	-6.26	-6.3	-6.06	-5.64	-4.88	-3.65

1SS																									
Freq. (MHz)	5600																								
Polarity	Theta																								
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 (360°)
θ (0°)	0.14	0.84	1.3	1.31	0.94	0.05	-0.45	0	0.74	0.88	1.03	0.6	-0.08	0.34	0.28	0.2	-0.25	-1.2	-1.3	-0.88	-0.2	0.31	0.23	0.08	0.14
θ (15°)	0.91	1.08	0.97	0.54	-0.14	-0.58	-1.44	-0.42	0.75	1.43	1.48	0.86	-0.62	-1.93	-1.88	-1.57	-1.86	-2.4	-2.68	-3.26	-2.2	-0.95	-0.27	0.59	0.91
θ (30°)	2.3	2.64	1.94	-0.31	-1.88	-3.7	-0.52	1.58	2.51	1.61	0.39	0.61	1.28	1.16	1.78	2.47	1.3	-1.92	-1.48	0.47	0.31	-0.29	0.57	1.62	2.3
θ (45°)	0.05	0.08	1.96	1.08	-0.39	-0.24	2.16	3.87	2.9	0.52	1.31	0.94	1.52	1.94	1.23	2.66	2.96	1.31	1.91	2.57	1.87	1.32	1.58	0.3	0.05
θ (60°)	2.22	3.6	3.15	1.56	3.02	0.07	0.66	3.83	2.08	2.4	4.16	3	3.33	3.69	4.25	2.05	2.65	1.5	2.31	4.07	2.51	2.21	2.98	0.52	2.22
θ (75°)	3.83	5.33	5.2	5.23	3.11	1.41	1.73	4.37	3.74	1.8	1.85	1.75	2	2	2.65	3.41	4.58	4.45	1.61	3.98	4.2	3.53	0.66	1.29	3.83
θ (90°)	3.3	5.15	4.39	3.08	2.64	1.79	0.15	2.23	4.18	4.41	4.66	1.41	-0.19	0.35	3.49	3.62	3.49	[6.06]	4.51	1.29	0.34	2.53	0.75	0.92	3.3
θ (105°)	2.64	4.39	3.98	-0.54	2.05	2.69	1.29	2	4.04	3.94	2.21	1	2.13	2.85	3.97	0.87	1.85	3.79	2.68	0.21	1.4	2.04	-2.08	-1.6	2.64
θ (120°)	1.06	3.32	3.75	2.19	0.48	0.21	1.53	3.06	3.28	3.05	3.67	2.37	4.98	0.69	0.87	0.39	-3.25	2.32	3.34	1.2	-1.22	1.74	-0.34	0.7	1.06
θ (135°)	2.21	2.3	0.32	-0.68	3.91	2.82	0.14	2.22	-0.94	1.16	-1.95	0.75	2.69	2.55	-1.8	2.4	0.63	2.46	1.4	-2.86	-1.82	-1.42	-0.55	-1.06	2.21
θ (150°)	-3.27	-0.9	-1.79	-0.15	-0.7	-0.95	0.38	-2.77	-2.83	-5.04	-7.46	-0.35	0.7	-0.46	-2.93	0.94	1.83	-2.74	-2.33	-2.75	-5.36	-7.96	-3.31	-3.72	-3.27
θ (165°)	-1.35	-0.15	0.19	-0.39	-0.71	-1.75	-3.91	-5.2	-5.71	-6.39	-4.28	-3.87	-5.63	-5.71	-7.88	-4.89	-4.1	-6.24	-6.17	-4.77	-5.03	-4.95	-5.54	-3.91	-1.35
θ (180°)	-6.46	-7.02	-7.63	-8.68	-9.4	-8.22	-7.74	-7.93	-7.95	-7.75	-7.55	-7.1	-7.66	-8.7	-11.76	-10.82	-9.88	-8.17	-7.94	-8.81	-9.2	-8.1	-6.89	-6.18	-6.46
Polarity	Phi																								
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 (360°)
θ (0°)	0.09	0.48	0.86	1.06	1.27	1.03	1.31	1.6	1.68	1.11	0.62	0.08	0.21	0.59	1.25	1.4	1.21	0.72	0.6	1.07	1.28	1.12	0.65	0.12	0.09
θ (15°)	0.26	0.38	0.83	1.13	1.32	0.4	0.62	1.76	2.13	1.89	1.15	0.05	0.22	2.17	2.76	2.24	0.89	-0.53	-1.3	-1.38	-1.03	-0.77	-0.74	-0.2	0.26
θ (30°)	0.36	0.36	0.04	0.23	1.45	0.72	-1.07	-0.29	0.21	0.52	1.13	1.04	1.36	0.64	-0.63	-0.02	1.47	-0.6	-3.93	-1.86	0.9	2.09	2.22	1.08	0.36
θ (45°)	0.73	-0.22	-1.43	-2.85	-0.14	-0.67	-0.76	0.11	0.03	-0.75	0.55	0.98	0.84	0.59	-1.04	-0.9	-0.25	-0.59	0.67	-1.32	0.63	2.2	0.6	-0.96	0.73
θ (60°)	0.19	0.52	-1.33	-0.14	0.35	0.04	-1.35	0.49	0.28	-2.62	-0.79	-2.75	-1.18	2.25	-1.19	0.81	-0.08	-2.19	-0.75	0.82	1.78	-0.74	-1.48	0.17	0.19
θ (75°)	1.59	-3.21	-0.26	2.13	-1.79	0.09	-5.1	-1.35	0.32	-2.36	-2.04	-4.56	0.35	-2.42	-3.53	2.07	1.46	1.03	-1.79	1.25	1.87	-0.92	-0.97	0.84	1.59
θ (90°)	-0.97	-2.25	-0.02	-0.07	-1.01	1.6	-1.8	-1.91	-0.71	-1.28	-0.15	-4.53	-0.18	-3.67	-1.31	1.18	[3.45]	0.23	-1.79	-4.03	-1.38	0.77	0.68	-1.99	-0.97
θ (105°)	-0.32	-2.19	0.8	-0.7	1.47	0.1	0.21	-0.08	-0.67	-0.57	-0.76	-6.37	-2.57	-4.91	-2.99	-0.6	2.87	-0.68	0.35	-0.42	-2.98	-4.35	-0.59	-1.48	-0.32
θ (120°)	-2.06	-1.6	-1.13	1.05	-0.61	-1.47	0.29	-0.12	-0.24	-1.51	0.45	-6.56	-1.31	-8.28	-4.7	-0.58	1.05	1.07	-0.72	0.95	0.51	-2.72	-0.95	-2.2	-2.06
θ (135°)	-3.81	-6.21	-0.91	-2.35	-4.62	-1.46	-3.21	-0.28	1.25	0.71	-0.32	-1.68	-2.27	-3.85	-2.88	-0.92	-3.38	-3.56	-4.01	1.21	-1.02	0.09	-0.08	-2.86	-3.81
θ (150°)	-4.47	-5.58	-4.71	-0.07	-0.18	-3.17	-4.79	-2.01	0.49	-1.62	2.3	1.88	-4.12	-2.07	-1.42	-3.07	-0.58	-0.51	0.57	-0.39	-0.18	-1.48	-2.66	-3.45	-4.47
θ (165°)	-2.7	-1.15	-1.16	-3.22	-4.88	-4.18	-1.89	-0.32	-0.03	-1.17	-4.48	-7.54	-5.1	-2.97	-4.03	-10.52	-11.28	-5.74	-5.33	-4.04	-4.01	-3.95	-4.07	-4.6	-2.7
θ (180°)	-7.43	-7.25	-7.09	-6.29	-5.4	-5.47	-6	-6.96	-7.91	-9.02	-8.46	-6.97	-5.78	-5.89	-6.57	-6.71	-6.59	-6.91	-7.28	-7.26	-7.73	-8.95	-9.67	-8.56	-7.43

1SS																									
Freq. (MHz)	5785																								
Polarity	Theta																								
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 (360°)
θ (0°)	-0.22	0.4	1	1.07	0.66	-0.15	-1.13	-1.53	-1.41	-1.43	-0.71	-0.24	0.37	1.27	1.3	1.18	0.69	-0.64	-1.23	-1.22	-1.67	-1.7	-1.26	-0.84	-0.22
θ (15°)	-2.23	-1.04	-0.07	0.43	-0.73	-1.23	-1.63	-0.42	1.85	2.89	2.91	2.33	1.33	-0.26	-1.24	-2.4	-1.94	-0.4	-0.6	-1.8	-2.44	-1.88	-1.56	-1.79	-2.23
θ (30°)	1.99	0.96	0.76	0.12	-1.19	-1.73	-0.4	0.64	2.18	3	3.04	2.47	2.17	2.97	3.26	2.52	-0.02	-1.84	1.05	2.64	1.54	0.82	1.96	3	1.99
θ (45°)	0.03	1.09	2.71	1.01	-1.2	0.88	2.71	3.01	1.82	-0.19	1.55	1.93	0.54	1.86	3.17	3.63	2.4	-0.04	1.37	2.65	3.17	1.83	2.7	2.45	0.03
θ (60°)	1.49	3.41	3.48	1.2	2.11	-0.18	0.75	2.35	0.97	2.54	3.97	3.08	1.91	2.81	2.8	3.91	2.6	2.05	3.08	4.68	3.29	0.85	2.68	0.85	1.49
θ (75°)	4.31	4.8	4.56	4.43	2.42	1.52	2.77	4.56	4.67	3.33	1.88	1.12	1.12	1.66	3.1	3.64	3.1	4.15	2.8	4.12	4.45	3.41	2.83	0.73	4.31
θ (90°)	1.85	4.6	4.32	4.43	3.39	3.12	0.98	2.54	4.02	4.83	4.62	0.43	1.47	1.52	4.46	2.91	3.86	[6.76]	5.52	1.66	2.84	3.5	0.72	0.82	1.85
θ (105°)	1.49	4.36	4.35	-0.36	2.12	2.97	1.15	1.79	4.04	4.95	2.99	-0.76	1.85	1.35	4.44	0.52	2.21	4.79	3.31	0.81	0.31	3.51	-1.77	-1.62	1.49
θ (120°)	2.13	3.8	3.02	1.61	0.16	2.2	2.43	2.5	3.94	2.18	3.02	-0.04	3.67	-0.17	-1.52	-0.84	-2.63	2.83	3.22	1.8	-0.25	1.22	-0.55	1.46	2.13
θ (135°)	3.52	1.05	1.2	2.15	4.97	1.8	-0.24	3.37	0.2	1.23	-3.75	0.65	2.51	1.55	-2.4	2.65	-1.38	2.54	1.58	-0.97	-1.04	-1.02	-0.5	0.08	3.52
θ (150°)	-2	0.76	-0.62	0.17	0.11	0.18	-0.2	-1.33	-0.12	-2.39	-1.82	-0.89	0.62	-0.15	-3.6	1.27	2.18	-3.54	-2.88	-3.33	-5.2	-6.57	-4.3	-4.64	-2
θ (165°)	-0.71	1.16	1.86	1.15	0.1	-1.3	-3.87	-4.93	-5.1	-5.73	-5.8	-5.41	-5.92	-7.29	-7.33	-2.99	-2.8	-5.87	-5.98	-3.81	-4.51	-5.94	-6.64	-3.21	-0.71
θ (180°)	-7.13	-7.77	-9.05	-10.76	-11.51	-9.64	-8.68	-8.92	-8.73	-7.59	-8.21	-8.57	-8.71	-10.2	-11.72	-10.07	-9.1	-8.59	-8.53	-9	-8.93	-7.66	-6.78	-6.81	-7.13
Polarity	Phi																								
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 (360°)
θ (0°)	-0.71	-0.94	-1.26	-1.29	-0.58	0.13	1.33	2.2	2.34	1.99	1.39	0.6	-0.37	-0.82	-0.89	-0.65	0.07	0.34	0.89	1.35	1.58	1.43	0.67	-0.11	-0.71
θ (15°)	-3.06	-1.82	-0.87	-0.57	-0.31	0.13	0.98	2.2	2.91	2.65	1.71	0.29	-0.26	1.92	2.81	2.23	0.57	-0.76	-0.92	-0.16	0.46	0.44	-0.57	-1.86	-3.06
θ (30°)	-1.32	-1.66	-1.09	-0.03	0.75	0.27	0.46	1.01	0.19	0.15	1.92	1.86	-0.09	-0.85	-1.2	-0.79	1.55	0.56	-1.69	-0.22	1.82	1.87	1.38	-0.23	-1.32
θ (45°)	-1.01	0.78	0.32	0.88	1.07	0.82	2.19	2.18	1.13	0.54	2.55	2.78	2.37	1.57	-0.1	1.61	1.63	0.62	0.16	-1.54	0.45	1.04	0.31	-0.9	-1.01
θ (60°)	0.66	1.79	-0.57	-2.78	1.12	0.7	-0.36	1.99	1.79	-3.78	-5.11	-0.17	1.2	4.13	0.96	0.71	2.07	0.46	-0.13	-0.4	1.45	-0.81	-1.19	1.15	0.66
θ (75°)	1.03	-1.22	-0.98	2.9	2.05	0.74	-2.8	0.95	-0.16	-2.07	-1.25	-2.27	1.09	-0.88	-3.93	2.13	3.45	2.61	0.03	1.9	1.37	-0.04	0.43	3.27	1.03
θ (90°)	-0.62	-2.09	-0.95	0.98	-1.63	0.28	-1.89	-0.74	0.32	-1.38	-0.29	-4.32	2.23	-3.07	-2.36	0.93	3.66	0.61	-1.01	-1.1	-0.47	2.33	0.73	0.06	-0.62
θ (105°)	0.65	-2.81	-1.2	-1.47	2.08	0.14	-1.75	0.74	0.2	1.79	0.32	-4.59	-4.17	-2.78	-3.15	2.07	[4.35]	1.6	-0.39	1.35	2.1	-1.16	1.56	0.15	0.65
θ (120°)	-1.04	-0.29	0.59	2.05	0.17	1.33	-0.01	-0.55	-2.32	-0.64	0.38	-4	-2.76	-6.03	-2.14	0.16	1.53	1.64	-2.04	0.72	0.71	-0.48	-1.51	-2.21	-1.04
θ (135°)	-2.62	-4.14	-4.34	-3.3	-1.35	-1.47	-2.22	1.22	1.8	1.02	-0.07	-1.3	-0.47	-3.58	-2.58	0.44	-1.76	-2.45	-1.79	0.96	-1.03	-0.8	-0.03	-3.39	-2.62
θ (150°)	-8.22	-5.58	-1.66	3.06	0.07	-5.24	-3.7	-3.36	0.3	-1.2	1.79	1.53	-3.94	-2.63	-2.44	-1.02	-1.27	-1.95	-2.15	-3.24	-1.15	-2.88	-3.71	-3.92	-8.22
θ (165°)	-1.04	0.11	-0.78	-4.28	-4.33	-2.86	-1.64	-1.12	-1.61	-1.89	-3.74	-6.42	-3.88	-1.52	-2.33	-7.44	-11.55	-4.27	-4.52	-4.27	-4.54	-4.3	-4.3	-3.41	-1.04
θ (180°)	-8.36	-7.61	-6.43	-5.67	-4.82	-5.2	-6.19	-8.15	-8.9	-8.7	-7.76	-7.86	-7.22	-7.5	-8.13	-8.06	-9.53	-9.25	-9.54	-8.32	-8.91	-9.18	-9.93	-9.94	-8.36

1SS																											
Freq. (MHz)	6175																										
Polarity	Theta																										
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 (360°)		
θ (0°)	-1.58	-2.87	-1.28	-0.03	0.39	0.66	0.81	1.12	1.4	1.32	0.49	-0.96	-2.17	-3.02	-1.23	0.05	0.65	1	1.07	1.14	1.23	1.07	0.38	-0.91	-1.58		
θ (15°)	-2.72	-0.72	-0.35	-0.67	-0.6	-0.09	-0.21	-1.59	-0.07	1.35	1.68	0.72	-1.6	-0.83	0.71	1.19	0.95	0.85	2.06	2.36	1.43	0.08	-2	-4.05	-2.72		
θ (30°)	-1.5	-2.84	-6.58	-3.35	-1.03	-1.58	-1.95	-1.32	-0.52	-0.15	1.48	2.6	0.76	0.93	2.71	2.39	1.01	2.27	3.54	2.7	-0.3	-0.85	-1.07	-2.4	-1.5		
θ (45°)	0.96	-1.46	0.76	1.77	0.9	-0.37	0.82	0.92	-0.98	0.2	2	2.42	0.9	3.66	4.26	3.51	0.91	-1.12	3.5	3.55	0.61	0.19	0	-0.05	0.96		
θ (60°)	-0.15	1.67	2.5	1.31	1.55	1.04	3.66	2.65	2.01	3.08	3.54	3.2	0.53	2.41	-0.84	1.58	0.02	1.87	3.65	2.9	1.8	2.05	2.07	1.26	-0.15		
θ (75°)	3.84	4.32	3.47	1.06	2.42	2.27	4.06	1.54	2.84	3.29	3.04	1.39	-1.24	-2.02	1.98	1.24	1.3	0.61	3.83	3.97	1.33	2.72	2.72	1.04	3.84		
θ (90°)	3.05	3.47	4.5	4.08	3.22	2.91	2.86	2.18	1.74	2.2	1.88	0.92	-0.65	-0.55	2.38	3.21	1.68	3.12	2.03	2.95	3.49	2.38	3.19	2.14	3.05		
θ (105°)	2.07	4.27	2.81	1.89	3.09	1.07	2.07	3.25	2.82	2.86	2.98	0.45	-2.93	-1	[5.50]	4.13	3.34	2.63	0.26	0.27	1.02	3.36	3.51	-0.03	2.07		
θ (120°)	2.58	2.35	3.11	-0.77	-0.27	2.09	1.48	1.85	2	2.38	1.34	0.53	-2.46	-4.5	0.62	-1.39	1.02	-0.13	-0.16	-1.52	-0.46	0.11	0.61	-0.63	2.58		
θ (135°)	-0.64	-0.19	0.59	2.5	3.06	2.21	0.22	0.28	0.1	0.85	-5.45	1.67	0.84	-2.19	-2.13	0.87	-2.82	-3.25	0.49	0.74	-0.96	0.35	-2.78	-2.61	-0.64		
θ (150°)	1.13	2.14	0.69	-0.02	1.98	1.14	-0.67	-3.63	-0.91	-4.94	-0.45	-1.17	-0.08	-2.71	-5.44	-0.19	-0.79	-1.42	-2.36	-5.22	-6.34	-5.33	-3.61	-1.1	1.13		
θ (165°)	-3.76	-1.32	0.06	0.36	0.56	-0.58	-2.98	-6.09	-5.76	-4.15	-3.38	-5.06	-7.66	-8.45	-10.06	-9.01	-7.27	-8.15	-9.64	-9.1	-5.42	-4.73	-6.41	-5.33	-3.76		
θ (180°)	-5	-6.1	-7.69	-8.92	-9.49	-8.11	-6.61	-5.9	-5.23	-4.94	-3.94	-3.61	-4.1	-5.31	-7.39	-8.59	-8.79	-8.61	-7.93	-6.9	-5.47	-4.31	-3.79	-4.09	-5		
Polarity	Phi																										
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 (360°)		
θ (0°)	1.68	2.08	2.23	1.75	1	-0.17	-1.03	-2.26	-0.38	0.56	1.23	1.36	1.46	1.72	1.93	1.95	1.18	-0.4	-2.14	-2.25	-0.56	0.89	1.42	1.55	1.68		
θ (15°)	-0.5	-2.94	-3.14	-2.56	-2.67	-2.78	-2.75	-1.75	-0.7	-0.04	0.06	-1.05	-0.2	0.08	0.3	1.37	2.42	2.51	1.76	0.93	-0.04	-0.25	0.07	0.55	-0.5		
θ (30°)	-0.17	-0.91	-1.84	-2.39	-3.81	-3.9	-1.35	0.17	0.89	-0.19	-0.91	1.41	1.36	1.74	[3.27]	1.38	-0.12	0.27	-0.7	-1.71	-2.29	-0.44	0.84	1.74	-0.17		
θ (45°)	-2.72	-3.15	-0.57	1.88	1.65	-1.06	0.91	2.08	2.39	1.1	0.88	0.83	0.53	0.79	1.38	-0.38	1.96	1.59	-0.54	-1.73	-0.54	0.35	1.6	0.03	-2.72		
θ (60°)	0	1.51	2.28	0.13	1.66	-1.31	1.62	1.26	-1.28	-1.24	-3.64	-0.12	-2.08	-3.3	-6.5	-2.83	2.03	3.24	1.53	-2.5	-2.65	-0.11	1.4	2.19	0		
θ (75°)	0.04	2.48	1.34	1.8	1.8	-0.96	-0.18	0.59	0.95	1.58	-0.75	1.28	1.38	-1.4	-1.37	-0.75	2	2.43	1.85	1.58	0.55	0.12	1.53	2.4	0.04		
θ (90°)	-0.83	-0.37	1.64	2.63	1.83	-1.52	-1.91	-1.65	-1.94	-0.11	-10.35	-3.09	-1.42	-4.2	-1.91	0.07	0.3	-0.69	1.35	0.4	-0.79	-3.92	-0.21	1.83	-0.83		
θ (105°)	2.49	0.19	-1.37	-0.06	1.79	-1.22	0.8	-3.36	-0.46	1.51	-2.51	-1.67	0.11	-4.4	-1.17	3	0.74	-0.1	-0.82	-0.83	-6.08	-3.21	1.3	1.26	2.49		
θ (120°)	-3.05	-2.92	-4.25	-0.23	-0.17	0.24	0.01	-1.87	-1.21	1.25	-2.23	0.73	-1.17	-3.54	0.46	1.88	1.43	2.61	-1.02	1.02	-2.17	0.85	0.58	-1.92	-3.05		
θ (135°)	-6.66	-4.18	-4.57	-2.96	-1.96	-3.69	-1.28	1.95	-1.19	0.08	-2.81	0.49	1.33	-3.36	-1.2	-4.14	-2.29	-6.58	-1.47	-4.06	-0.97	0.03	-3.3	-6.43	-6.66		
θ (150°)	-5.55	-4.76	-1.16	3.09	1.22	0.91	0.36	-2.66	0.18	-1.49	-0.7	-1.17	-3.31	0.41	-0.58	-0.58	-4.13	-2.3	-1.73	-0.34	-1.04	-0.43	-2.56	-4.66	-5.55		
θ (165°)	-2.52	-1.97	-1.15	-1.06	-1.74	-3.15	-4.54	-4.07	-3.17	-3.05	-3.82	-5.13	-7.69	-9.5	-9.54	-9.87	-9.75	-10.24	-6.65	-6.61	-8.19	-8.13	-5.33	-3.69	-2.52		
θ (180°)	-6.98	-5.88	-4.49	-3.1	-3.07	-3.63	-5.54	-9.17	-10.43	-9.51	-8.4	-8.57	-8.36	-6.98	-5.6	-4.49	-3.4	-3.18	-4.07	-5.73	-7.42	-8.42	-10.36	-9.29	-6.98		

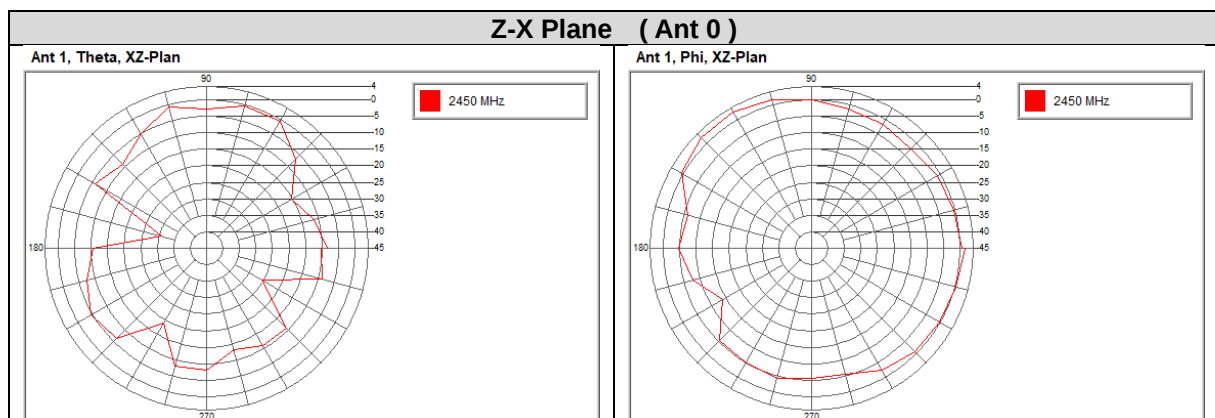
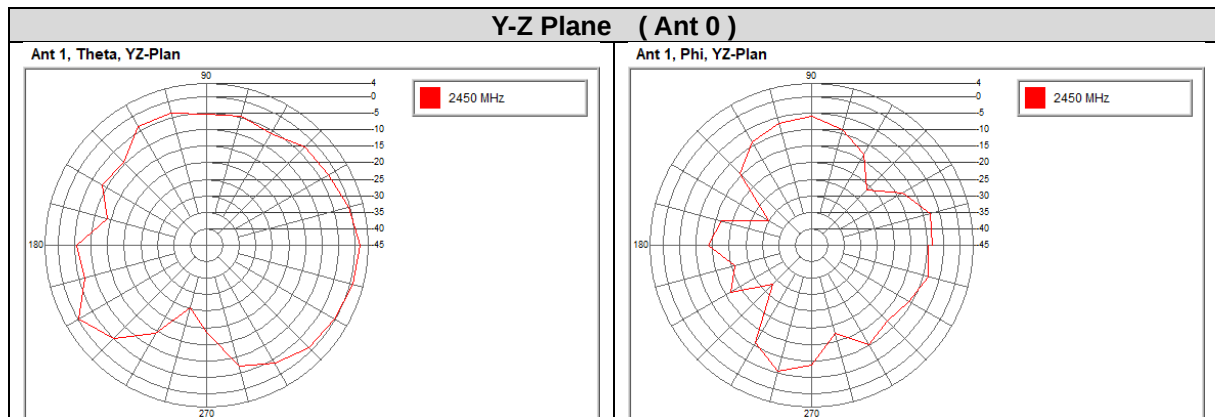
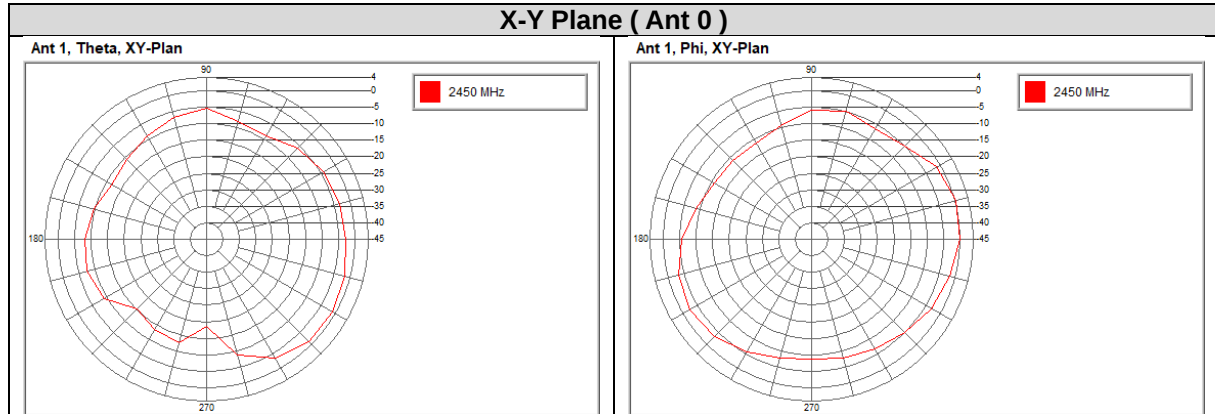
1SS																											
Freq. (MHz)	6475																										
Polarity	Theta																										
dB	φ (0°)	φ (15°)	φ (30°)	φ (45°)	φ (60°)	φ (75°)	φ (90°)	φ (105°)	φ (120°)	φ (135°)	φ (150°)	φ (165°)	φ (180°)	φ (195°)	φ (210°)	φ (225°)	φ (240°)	φ (255°)	φ (270°)	φ (285°)	φ (300°)	φ (315°)	φ (330°)	φ (345°)	φ (360°)		
θ (0°)	-3.65	-3.37	-1.65	-0.76	-0.51	0.17	0.87	1.45	1.52	0.98	-0.03	-1.79	-4.37	-5.15	-2.63	-1.18	-0.16	0.49	1.6	1.84	2.09	1.65	0.56	-1.05	-3.65		
θ (15°)	-0.85	-0.77	0.77	1.52	0.48	-0.99	-0.15	1.01	0.93	0.76	0.36	-0.24	-0.88	-0.09	0.66	0.98	1.66	2.88	3.47	3.2	2.92	2.65	1.95	0.85	-0.85		
θ (30°)	0.62	0.12	-0.02	-0.83	-1.16	-1.37	-1.3	1.17	2.36	2.92	2.67	2.34	0.96	-2.46	0.35	1.67	1.92	2.89	2.2	2.24	2.65	1.84	0.18	0.81	0.62		
θ (45°)	2.31	1.19	0.95	1.29	-0.13	-0.19	-0.41	-0.55	0.62	1.89	2.28	1.89	3.1	2.05	2.85	2.9	3.08	2.74	2.23	1.9	1.87	1.77	1.64	2.78	2.31		
θ (60°)	-1.13	-0.39	0.44	2.06	1.52	0.1	5.09	3.71	2.17	1.75	2.7	2.7	-0.75	1.55	2.71	1.54	-0.66	1.25	3.28	1.73	1.32	2.38	1.48	1.06	-1.13		
θ (75°)	3.35	3.4	3.52	0.48	2.35	1.96	[5.72]	3.46	2.84	2.89	4	3.09	-0.87	0.15	2.68	0.95	0.49	0.76	4.41	1.22	1.72	2.79	2.34	0.53	3.35		
θ (90°)	3.24	1.78	4.85	2.02	3.16	2.5	4.89	2.66	3.64	4.08	2.77	2.64	-2.27	-0.99	1.3	1.49	0.56	2.46	1.63	3.86	2.57	3.73	2.85	1.27	3.24		
θ (105°)	0.77	3.45	3.14	2	3.4	2.55	2.53	3.16	2.92	3.79	2.39	0.7	-2.73	-2.92	5.31	5.04	1.61	1.11	-0.98	0.71	1.62	4.65	2.15	1.01	0.77		
θ (120°)	1.76	1.61	2.48	-2.23	-0.13	1.28	1.45	3.11	1.24	2.14	1.54	0.43	-1.55	-4.53	-0.3	-1.24	0.27	0.14	0.03	-2.27	-0.71	2.21	0.55	0.16	1.76		
θ (135°)	1.68	-0.02	-2.44	2.83	2.11	1.75	0.81	1.62	-0.04	1.56	-2.39	-0.13	0.18	-2.18	-0.44	-0.84	-1.8	-2.6	1.31	0.02	-2.62	-0.69	-2.54	-1.09	1.68		
θ (150°)	2.3	2.83	-0.42	-0.12	2.15	0.94	-0.06	-3.13	-0.98	-3.4	0.01	-1.35	0.2	-3.88	-5.64	-1.37	-2.39	-1.6	-1.2	-2.3	-5.4	-5.59	-5.6	-2.59	2.3		
θ (165°)	0.48	2.38	2.58	1.88	0.87	-0.67	-3.55	-4.82	-7.09	-5.76	-3.91	-3.88	-5.45	-8.83	-10.02	-7.31	-7.36	-8.51	-9.1	-9.47	-7.45	-6.04	-5.27	-2.87	0.48		
θ (180°)	-3.66	-4.5	-5.58	-6.8	-6.92	-6.52	-5.77	-5.13	-3.73	-3.56	-2.99	-2.88	-3.21	-3.89	-5.2	-5.34	-5.11	-6.03	-6.92	-5.86	-4.48	-3.25	-2.82	-3.23	-3.66		
Polarity	Phi																										
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 (360°)		
θ (0°)	1.94	2.2	2.06	1.59	0.36	-1.53	-3.69	-3.75	-2.07	-0.71	0.07	1.04	2.03	2.51	2.59	2.07	0.82	-1.06	-3.63	-3.04	-1.05	0.21	0.87	1.42	1.94		
θ (15°)	0.81	-0.63	-2.45	-0.94	0.32	1.98	1.78	1.1	0.97	-0.27	-0.9	-1.01	-0.66	-0.57	0	1.55	2.09	1.15	0.67	0.96	0.57	0.47	-0.15	0.29	0.81		
θ (30°)	0.82	-3.33	-3.22	-3.4	-0.51	2.19	1.81	1.6	1.69	-2.01	-0.21	1.24	0.5	2.76	3.1	2.52	2.32	3.4	2.48	1.94	0.84	-1.09	2.37	[4.33]	0.82		
θ (45°)	0.29	-1.38	-2.79	0.17	0.26	-0.49	0.47	-0.25	-0.31	-0.85	-1.62	1.56	0.6	-1.11	-0.59	-0.88	0.3	-0.77	0.19	0.97	1.19	0.56	0.65	0.29	0.29		
θ (60°)	-0.88	-0.12	0.03	-0.58	-2.82	-1.07	-0.09	-0.07	-1.38	-0.31	0.81	-0.6	-1.29	-2.46	-4.06	-2.56	-0.16	1.84	1.13	-0.1	-2.72	-1.41	-0.11	-0.56	-0.88		
θ (75°)	3.02	3.8	1.09	-0.06	1.16	-1	0.94	2.41	1.22	0.12	-1.11	1.81	1.36	-0.91	-3.96	0.52	1.25	2.78	3	1.05	-1.25	1.08	2.91	1.65	3.02		
θ (90°)	-1.06	-3.75	0.75	0.81	1.59	-2.78	-3.61	0.26	0.39	0.5	-4.13	-0.94	-2.21	-3.39	-1.02	-3.65	0	1.34	1.75	1.67	-1.95	-1.87	1.94	0.1	-1.06		
θ (105°)	1.56	-0.61	-0.26	1.42	1.26	-2.47	1.65	-0.38	-0.76	1.48	-0.28	0.39	-0.01	-2.61	-3.82	1.83	0.13	1.17	2.52	-0.2	-5.82	1.87	1.17	0.85	1.56		
θ (120°)	-2.64	-1.57	-2.73	0.87	2.83	1.94	-0.84	-7.72	-3.94	2.08	-1.76	1.14	0.8	-4.82	-2.51	1.27	1.42	1.89	-1.16	-0.53	-1.4	0.02	-1.85	-1.36	-2.64		
θ (135°)	-3.76	-3.2	-3.36	-0.58	-2.55	-2.25	-2.56	-2.05	-3.88	0.17	-3.11	-0.14	-0.02	-2.82	-0.51	-7.43	0.46	-4.9	-2	-1.64	1.06	-1.35	-6.5	-5.36	-3.76		
θ (150°)	-3.98	-2.1	0.4	2.77	-0.5	-0.05	-1.23	-0.65	-2.06	-1.38	-1.18	0.44	-4.03	-1.65	-1.95	-0.93	-1.8	-0.6	0.02	0.01	-0.45	0.26	-1.9	-4.39	-3.98		
θ (165°)	-2	-2.73	-1.15	-1.65	-3.53	-3.07	-4.02	-3.9	-2.42	-2.53	-3.5	-4.78	-5.88	-8.17	-9.97	-10.41	-7.43	-7.91	-5.27	-4.38	-6.44	-5.81	-2.72	-1.79	-2		
θ (180°)	-4.46	-4.13	-3.4	-2.34	-2	-2.21	-4.5	-7.37	-8.69	-6.97	-5.93	-7.18	-6.89	-4.79	-3.35	-3.03	-2.5	-2.25	-3.61	-5.58	-6.11	-5.63	-5.83	-5.69	-4.46		

1SS																									
Freq. (MHz)	6695																								
Polarity	Theta																								
	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	
dB	φ (0°)	(15°)	(30°)	(45°)	(60°)	(75°)	(90°)	(105°)	(120°)	(135°)	(150°)	(165°)	(180°)	(195°)	(210°)	(225°)	(240°)	(255°)	(270°)	(285°)	(300°)	(315°)	(330°)	(345°)	(360°)
θ (0°)	-0.85	-0.93	-0.6	-0.9	-1.18	-0.29	1.09	2.3	2.84	2.63	1.83	0.43	-1.17	-1.5	-0.91	-0.63	-0.62	0.25	1.8	2.5	2.9	2.77	2.03	0.7	-0.85
θ (15°)	-0.63	0.01	1.25	2.24	1.53	-1.2	-1.21	0.7	1.65	1.18	-0.1	-1.35	-1.35	-1.8	-1.77	-0.43	2.08	3.9	3.96	3.43	2.71	2.34	1.41	0.24	-0.63
θ (30°)	-0.75	-1.44	-0.15	1.89	-1.19	-6.51	-0.49	1.56	1.54	1.9	1.97	1.65	0.4	-1	-1.99	-0.73	-0.01	0.5	1.32	3.11	3.69	3.2	1.82	0.52	-0.75
θ (45°)	2.95	0.87	1.82	1.49	0.2	-0.56	1.12	2.15	2.32	3.66	3.4	1.31	2.06	0.19	3.04	2.82	2.8	2.01	2.42	2.94	2.06	1.91	2.44	1.68	2.95
θ (60°)	-0.41	1.92	0.31	3.41	1.38	-1.82	3.79	3.86	2.78	0.87	1.15	2.77	-0.06	0.46	3.3	2.87	0.72	-1.03	2.36	3.88	3.24	2.93	2.39	-0.4	-0.41
θ (75°)	2.78	3.41	1.4	2.26	1.83	2.95	4.09	4	2.69	0.55	2.04	3.08	-1.17	0.29	2.46	2.45	1.15	2.35	3.41	0.81	2.68	1.93	1	-0.34	2.78
θ (90°)	3.86	3.89	3.58	2.79	3.74	3.2	3.19	3.22	[5.35]	4.7	2.77	1.82	0.09	-3.82	0.68	-1.04	0.22	0.67	3.38	2.2	1.2	3.02	1.08	0.32	3.86
θ (105°)	2.09	2.56	4.02	2.89	3.85	3.41	3.22	2.64	3.42	3.1	3.44	1.85	-2.28	-3	4.12	3.6	1.98	3.12	0.11	1.06	2.16	2.12	2.06	1.69	2.09
θ (120°)	0.25	0.49	3.14	-3.29	0.16	1.74	1.86	2.74	0.5	2.09	3.6	0	-2	-5.64	-1.39	-4.63	0.53	-0.87	-0.58	-1.65	0.29	2.73	-0.24	0.32	0.25
θ (135°)	1.14	0.55	-2.3	1.86	1.68	1.79	0.98	0.69	-1.71	1.69	-0.05	-0.18	1.06	-2.04	0.54	-0.54	-1.14	-1.06	0.69	-0.66	-3.55	-1.61	-2.69	0.5	1.14
θ (150°)	2.29	2.25	-1.14	1.61	2.94	1.43	-0.72	-3.13	-0.03	-3.97	-0.74	0.41	2.85	-2.68	-2.73	0.95	-1.88	-1.26	-1.13	-1.95	-7.47	-6.48	-4.63	-1.35	2.29
θ (165°)	0.94	2.36	1.61	0.74	0.77	-0.61	-1.49	-1.81	-4.58	-7.69	-5.65	-3.5	-4.81	-9.11	-13.94	-8.66	-8.21	-10.58	-9.05	-5.77	-4.39	-4.06	-3.33	-1.79	0.94
θ (180°)	-5.77	-6.6	-7.08	-6.26	-5.74	-5.54	-4.52	-4.8	-4.46	-4.22	-4.32	-4.48	-5.39	-6.19	-5.92	-4.79	-4.17	-4.89	-4.67	-4.26	-3.99	-3.7	-4.12	-4.68	-5.77
Polarity	Phi																								
	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	
dB	φ (0°)	(15°)	(30°)	(45°)	(60°)	(75°)	(90°)	(105°)	(120°)	(135°)	(150°)	(165°)	(180°)	(195°)	(210°)	(225°)	(240°)	(255°)	(270°)	(285°)	(300°)	(315°)	(330°)	(345°)	(360°)
θ (0°)	1.66	2.38	2.63	2.69	1.94	0.68	-0.73	-1.39	-1.11	-0.84	-0.87	0.59	2.23	3.14	[3.49]	3.23	2.36	1.06	-0.13	-0.15	-0.08	-0.03	-0.48	0.31	1.66
θ (15°)	0.71	1.03	0.63	0.5	1.51	2.48	1.39	-1.25	-1.9	-2.23	-2.64	-2.49	-2.73	-1.65	0.44	1.77	1.82	0.06	0.24	1.71	2.09	2.06	1.71	0.59	0.71
θ (30°)	-1.53	-3.53	-1.62	0.63	0.86	2.12	3.17	2.4	2.75	-0.31	0.09	2.41	2.43	1.59	2.3	1.37	0.15	3.28	2.44	2.09	1.31	0.36	1.46	2.13	-1.53
θ (45°)	2.19	-0.69	-1.5	-2.79	0.81	2.05	0.36	-3.48	-3.47	-2.01	-0.64	0.62	-1.22	-1.12	-0.56	-3.04	0.14	1.55	0.11	2.03	2.41	1.89	-0.35	1.49	2.19
θ (60°)	-0.7	-0.87	-3.56	0.6	-2.71	-0.3	0.13	0.55	-0.33	-0.05	0.12	-1.87	0.12	-3.17	-0.58	-0.65	1.22	1.36	1.34	1.61	0.21	-0.32	-5.1	-3.01	-0.7
θ (75°)	2.66	2.1	1.33	-4.5	0.26	1.33	0.29	2.43	-0.11	-2.14	-1.61	1.24	-0.37	-0.01	-6.47	1.05	0.15	0.39	1.03	0.24	-3.51	0.24	-0.56	0.25	2.66
θ (90°)	0.17	-1.14	-0.48	1.65	2.03	-0.48	-2.39	-1.62	0.5	1.16	-3.57	-2.82	-1.95	-3.28	-0.49	-1.11	-2.12	1.9	2.27	2.02	0.02	-0.51	0.65	0.64	0.17
θ (105°)	-0.72	-0.78	0.14	0.61	0.62	-1.9	0.36	0.07	-1.03	1.76	-0.56	-0.15	-1.43	-2.12	-3.54	1.17	1.45	0.41	2.72	-2.44	-4.13	1.27	0.36	1.76	-0.72
θ (120°)	-2	-0.9	-2.34	1.06	3.3	1.85	0.22	-4.66	-4.14	2.81	-1.78	0.78	0.42	-3.25	-2.55	0.54	1.14	1.69	-1.31	-0.57	-1.74	-0.69	-0.73	-2.37	-2
θ (135°)	-2.78	-1.34	-5.04	-0.76	0.1	-2.02	-1.84	-0.84	-3.2	-1.2	-5.6	-1.53	-0.19	-2.95	0.53	-7.13	0.51	-3.49	-2.5	-1.35	-1.62	-5.32	-4.38	-5.16	-2.78
θ (150°)	-1.89	0.85	1.33	2.12	-1.26	0.68	-0.94	-0.8	-1.12	0.7	-1.42	1	-2.22	-2.76	-1.44	0.02	-0.42	-0.31	-1.49	-0.71	-2.14	-1.64	-4.73	-5.87	-1.89
θ (165°)	-2.66	-0.42	1.36	0.65	-3.34	-2.97	-4.68	-7.65	-4.6	-1.93	-1.35	-2.66	-5.15	-8.66	-13.51	-13.4	-6.95	-4.25	-5.65	-5.36	-5.74	-3.97	-1.82	-1.76	-2.66
θ (180°)	-3.41	-3.23	-3.12	-2.97	-3	-3.56	-5.93	-10.51	-11.34	-7.64	-6.14	-7.24	-7.55	-6.14	-5.23	-5.25	-4.99	-5.56	-7.24	-7.85	-7.32	-6.29	-6.05	-4.78	-3.41

1SS																									
Freq. (MHz)	6995																								
Polarity	Theta																								
		φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	
dB	φ (0°)	(15°)	(30°)	(45°)	(60°)	(75°)	(90°)	(105°)	(120°)	(135°)	(150°)	(165°)	(180°)	(195°)	(210°)	(225°)	(240°)	(255°)	(270°)	(285°)	(300°)	(315°)	(330°)	(345°)	(360°)
θ (0°)	-0.17	-0.88	-1.11	-1.44	-2.7	-3.63	-2.37	-0.78	0.39	0.67	0.75	0.23	-0.56	-1.32	-0.85	-1.57	-3.06	-3.21	-2.45	-0.66	0.14	0.71	0.55	0.39	-0.17
θ (15°)	1.01	0.72	0.75	0.8	0.39	-0.69	-2.55	-1.35	-0.74	0.05	0.87	1.23	1.36	0.39	-1.9	-1.99	1.02	2.53	3.16	2.81	3.03	2.65	2.31	2.22	1.01
θ (30°)	-3.82	-2.59	-0.41	-0.27	-0.2	-0.87	2.12	2.49	2.2	2.7	3.42	2.19	-0.2	1.23	-1.36	-2.6	0.19	3.42	3.04	3.16	2.93	1.61	0.93	0.79	-3.82
θ (45°)	-1.03	1.94	1.72	0.94	-1.13	-2.76	0.26	1	2.42	2.73	3.65	2.42	0.83	1.78	2.17	1.68	1.57	2.59	2.21	3.45	2.37	1.51	2.57	2.75	-1.03
θ (60°)	3.14	2.02	1.97	3.18	1.82	-1.17	2.33	2.62	2.55	2.44	-0.55	1.85	0.33	0.5	2.81	4.8	2.62	-1.02	1.65	3.21	4.7	3.6	4.01	2.08	3.14
θ (75°)	2.28	3.75	2.07	2.87	3.22	0.71	2.46	3.61	2.51	0.9	1.26	2	0.47	2.01	3.39	1.68	1.19	3.6	2.98	1.07	4.79	4.19	1.59	1.17	2.28
θ (90°)	5.4	4.62	1.43	2.17	4.22	1.39	0.44	3.9	[6.18]	3.27	1.54	2.97	2.45	-1.61	0.25	-1.79	-1.57	0.89	4.75	1.78	0.48	4.07	0.45	-0.45	5.4
θ (105°)	2.71	0.17	1.83	3.87	3.05	3.18	3.65	2.33	2.79	2.84	3.17	3.66	1.64	-1.27	4.78	2.75	1.83	3.83	0.61	0.76	2.95	4.34	-0.77	0.83	2.71
θ (120°)	-1.2	-0.21	0.89	0.54	1.58	2.2	3.03	2.86	0.35	2.21	4.18	-0.59	2.51	-5.75	0.41	-0.76	-0.47	0.17	-0.05	1.04	0.45	3.31	-1.29	-0.24	-1.2
θ (135°)	2.17	0.34	1.06	-0.99	1.77	3.4	-0.32	-0.32	-1.15	1.26	2.53	1.27	0.56	-4.27	-0.45	-2.44	-1.01	-0.82	-0.93	-2.8	0.64	-1.94	-2.44	-0.51	2.17
θ (150°)	3.34	1.94	0.58	1.6	2.83	0.76	-2.27	-3.2	0.01	-5.39	-0.03	1.16	2.72	-1.86	-1.43	1.21	-0.94	0.01	-1.42	-0.54	-2.06	-5.61	-1.56	-0.99	3.34
θ (165°)	2.03	2.11	1.39	1.86	2.68	0.19	-0.96	-1.46	-2.16	-3.02	-2.16	-3.92	-6.03	-7.17	-5.38	-4.61	-6.3	-10.56	-10.04	-5.62	-3.54	-3.57	-2.39	-0.16	2.03
θ (180°)	-6.78	-7.52	-7.23	-6.73	-6.12	-5.42	-5.22	-4.72	-4.08	-4.86	-5.84	-6.11	-6.56	-6.99	-6.53	-5.48	-5.51	-5.21	-6.48	-7.01	-6.15	-5.11	-5.33	-6.05	-6.78
Polarity	Phi																								
		φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	
dB	φ (0°)	(15°)	(30°)	(45°)	(60°)	(75°)	(90°)	(105°)	(120°)	(135°)	(150°)	(165°)	(180°)	(195°)	(210°)	(225°)	(240°)	(255°)	(270°)	(285°)	(300°)	(315°)	(330°)	(345°)	(360°)
θ (0°)	-2.17	-0.94	0.35	0.61	0.52	0.38	-0.07	-0.71	-1.06	-1.62	-2.93	-2.52	-0.78	0.5	1.14	1.31	0.7	0.27	-0.64	-0.58	-0.58	-1.47	-2.83	-3.55	-2.17
θ (15°)	0.69	2.76	2.92	2.41	2.73	3.31	2.8	2.28	2.08	1.17	0.89	0.61	1.97	2.99	3.23	2.61	0.91	-1.28	-0.78	0.5	1.41	1.92	0.61	-0.69	0.69
θ (30°)	1.15	2.08	1.13	0.16	0.76	0.96	0.33	1.82	2.19	2.34	2.92	[3.88]	3.34	1.12	0.63	-0.08	1.01	1.35	1.06	0.69	1.12	-0.4	-2.28	-2.93	1.15
θ (45°)	1.12	-0.67	0.88	-2	0.88	2.53	1.47	0.93	-2.47	-1.16	0.67	-0.45	-2.6	-0.97	-1.17	-1.72	0.61	3.78	1.54	0.94	1.7	2.36	1.83	2.29	1.12
θ (60°)	0.99	-1.02	-0.89	0.45	1.55	-0.26	-1.63	-3.22	2.55	2.46	3.23	-0.91	-2.04	-4.29	0.81	0.04	0.14	0.38	1.32	2.89	1.61	0.45	-1.56	1.66	0.99
θ (75°)	-1.27	-0.6	0.82	-2.07	0.47	-0.85	0.09	3.71	-0.24	-1.43	0.09	1.56	-1.72	-1.17	-3.65	1.34	-0.93	1.03	-2.98	-1.95	-0.95	-0.49	-1.59	0.35	-1.27
θ (90°)	1.47	1.38	-0.02	2.76	1.07	0.72	-1.45	-1.3	1.42	-1.29	-0.84	-0.08	-0.8	-2.83	-0.22	0.7	-2.02	1.49	0.8	2.82	0.74	0.22	-1.16	2.73	1.47
θ (105°)	-0.67	-4.59	-1.05	2.07	-0.76	0.35	-0.58	1.79	-0.12	-0.89	-0.35	-7.52	-2.3	-4.47	-0.2	0.06	-0.7	2.03	3.09	-2.33	-3.4	1.14	0.84	1.53	-0.67
θ (120°)	0.82	-0.73	-1.07	1.91	1.79	1.18	-0.27	-2.58	-2.15	3.14	0.94	-2.67	-0.67	-1.61	-0.39	3.04	-0.37	2.43	-1.43	-1.42	-1.14	0.78	0.42	-2.57	0.82
θ (135°)	-4.16	-3.09	-4.83	-1.52	-0.09	0.02	-3.8	-6.76	-3.8	1.34	-3.05	-0.49	-1.57	-2.43	-1.09	-1.21	-1.77	-1.47	-2.17	1.17	-2.07	-0.9	-4.04	-6.93	-4.16
θ (150°)	-0.69	0.96	-0.52	0.62	-1.26	0.12	-1.34	0.88	0.87	2.63	-3.35	0.51	-1.49	-5.91	-2.63	-0.24	-0.59	0.86	-0.33	-1.28	-0.39	-2.29	-3.06	-2.22	-0.69
θ (165°)	-2.11	-0.57	0.08	-3.3	-2.06	-3.93	-4.77	-5.82	-4.12	-0.75	0.68	-0.43	-2.89	-5.29	-9.04	-12.24	-10.41	-5.16	-3.32	-5.8	-4.43	-1.84	-0.95	-1.24	-2.11
θ (180°)	-3.47	-3.22	-3.73	-3.39	-3.71	-4.08	-5.77	-8.48	-8.97	-7.24	-5.8	-6.33	-6.75	-6.8	-5.71	-6.2	-8.64	-9.93	-8.78	-7.57	-6.35	-6.92	-5.52	-4.15	-3.47

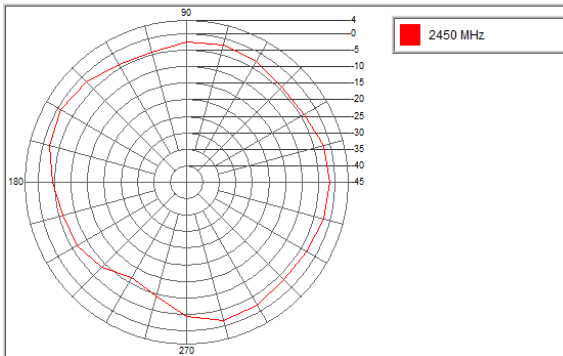
A.3 Antenna Pattern Test Plots

2.4GHz:

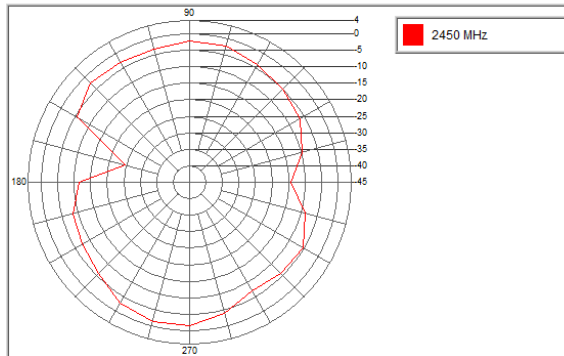


X-Y Plane (Ant 1)

Ant 2, Theta, XY-Plan

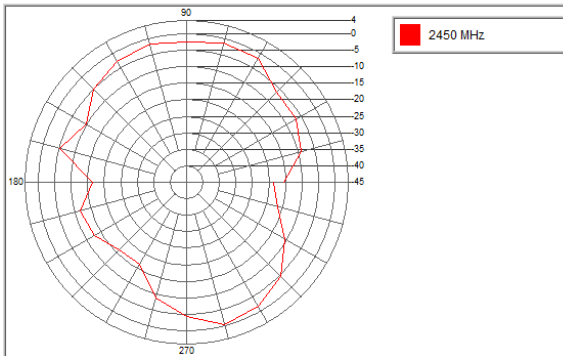


Ant 2, Phi, XY-Plan

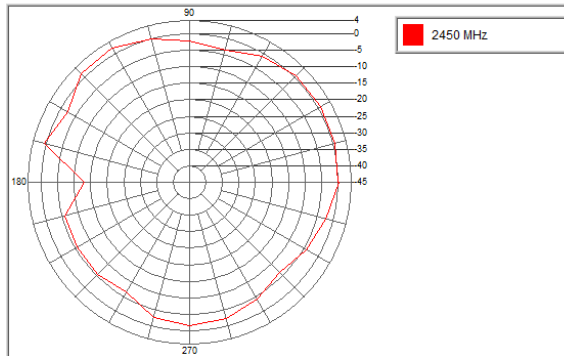


Y-Z Plane (Ant 1)

Ant 2, Theta, YZ-Plan

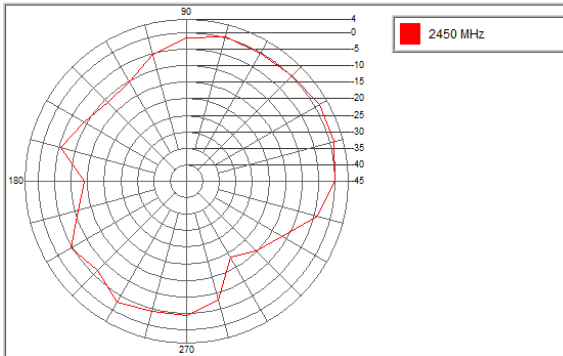


Ant 2, Phi, YZ-Plan

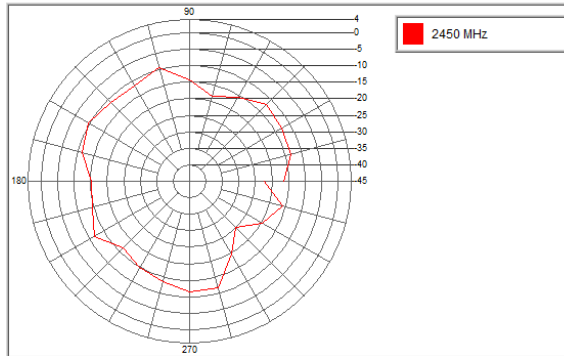


Z-X Plane (Ant 1)

Ant 2, Theta, XZ-Plan

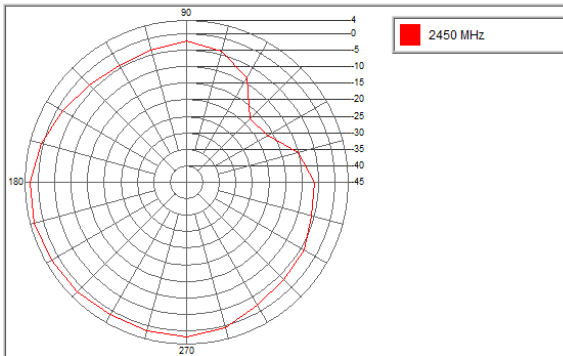


Ant 2, Phi, XZ-Plan

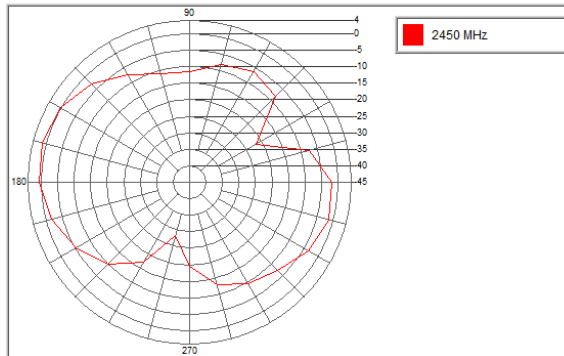


X-Y Plane (Ant 2)

Ant 3, Theta, XY-Plan

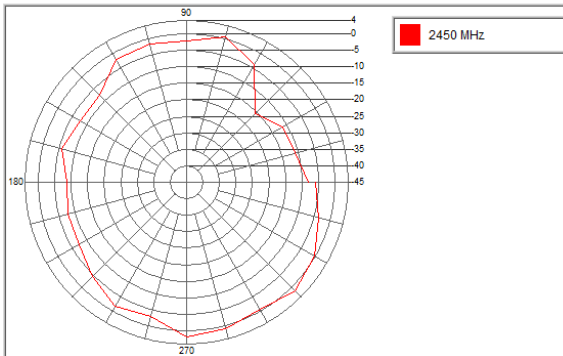


Ant 3, Phi, XY-Plan

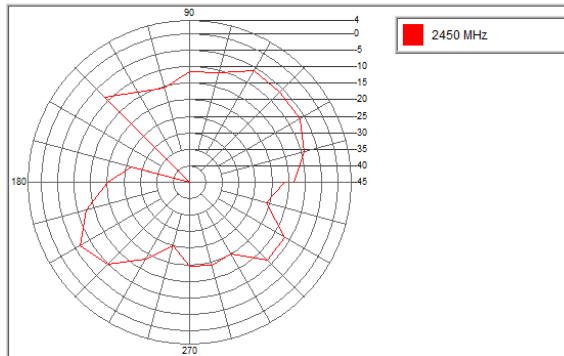


Y-Z Plane (Ant 2)

Ant 3, Theta, YZ-Plan

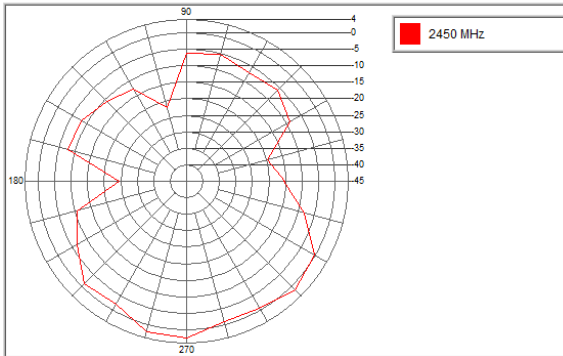


Ant 3, Phi, YZ-Plan

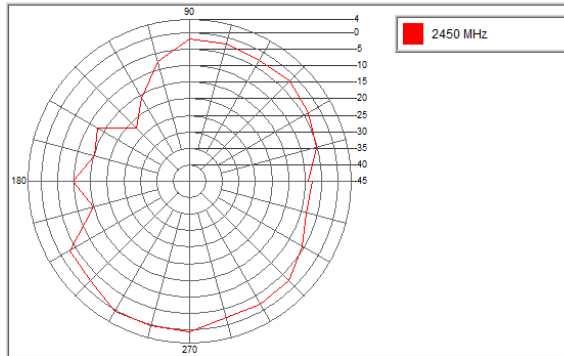


Z-X Plane (Ant 2)

Ant 3, Theta, XZ-Plan

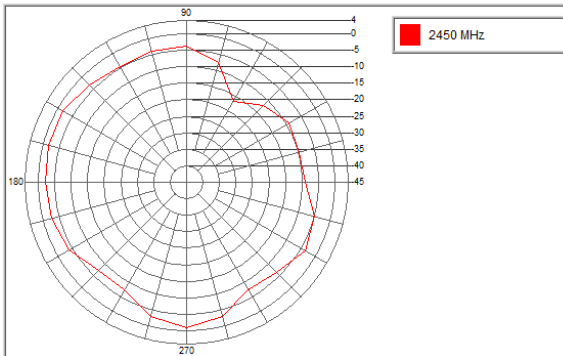


Ant 3, Phi, XZ-Plan

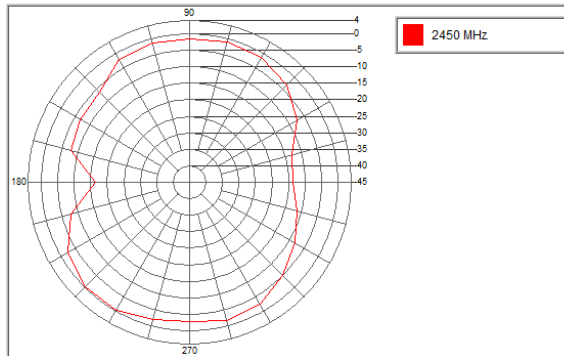


X-Y Plane (Ant 3)

Ant 4, Theta, XY-Plan

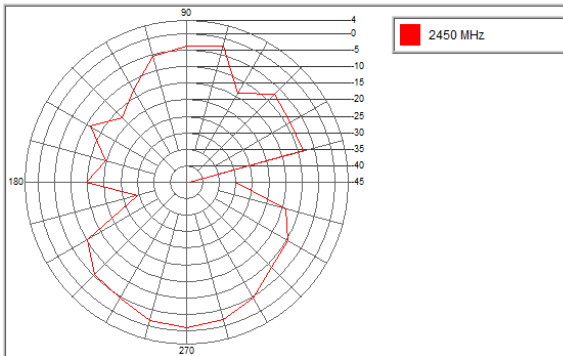


Ant 4, Phi, XY-Plan

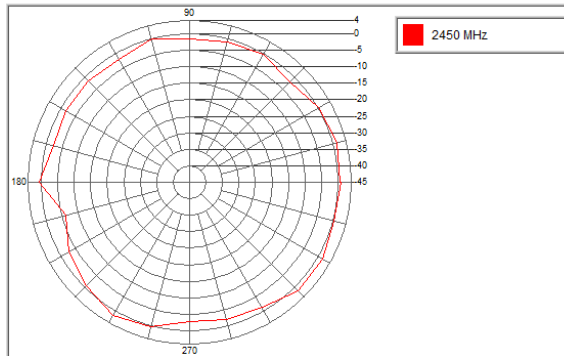


Y-Z Plane (Ant 3)

Ant 4, Theta, YZ-Plan

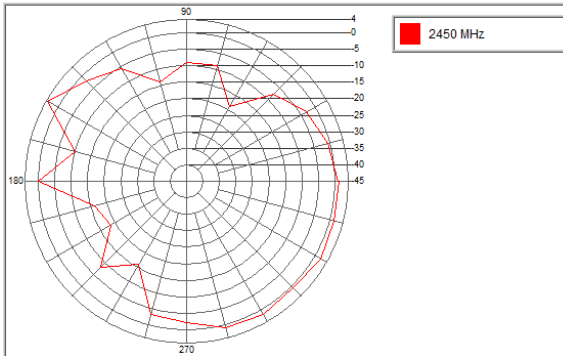


Ant 4, Phi, YZ-Plan

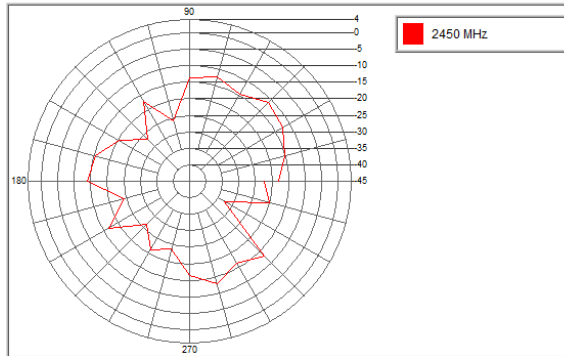


Z-X Plane (Ant 3)

Ant 4, Theta, XZ-Plan



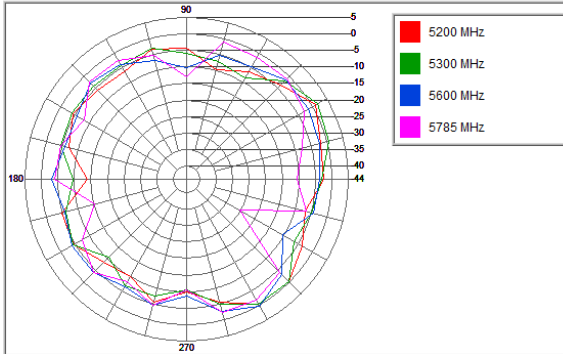
Ant 4, Phi, XZ-Plan



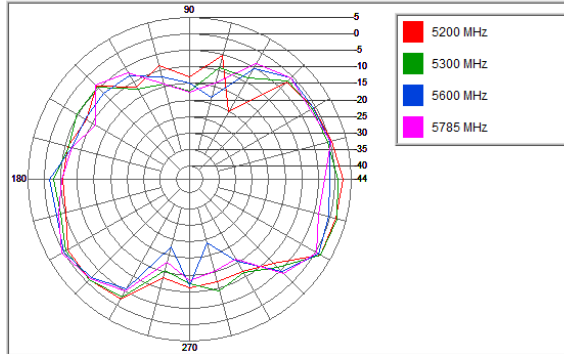
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X-Y Plane (Ant 0)

Ant 1, Theta, XY-Plan

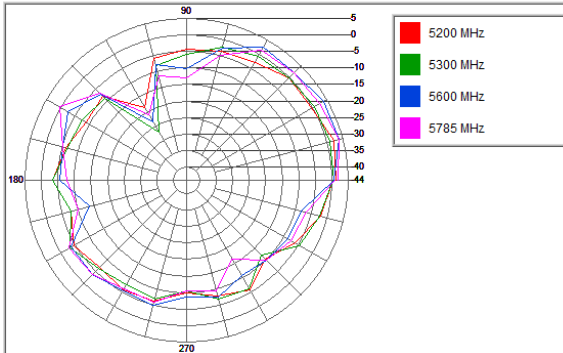


Ant 1, Phi, XY-Plan

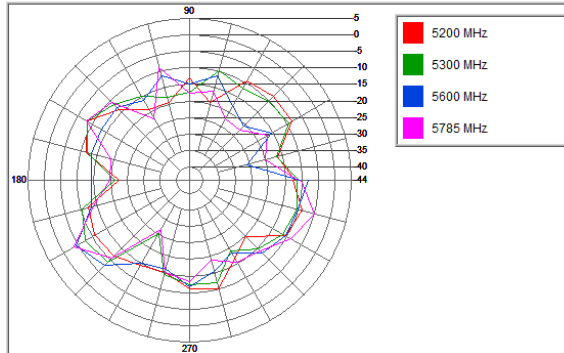


Y-Z Plane (Ant 0)

Ant 1, Theta, YZ-Plan

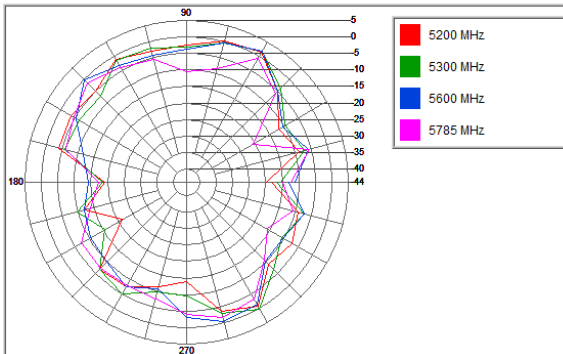


Ant 1, Phi, YZ-Plan

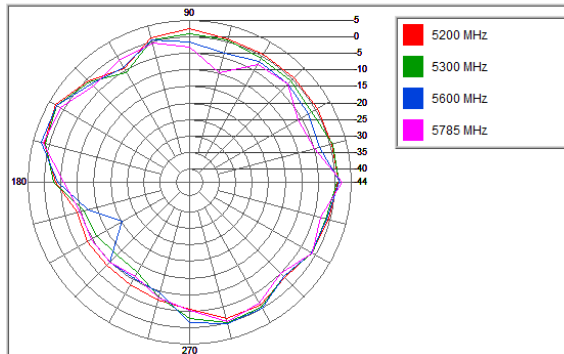


Z-X Plane (Ant 0)

Ant 1, Theta, XZ-Plan

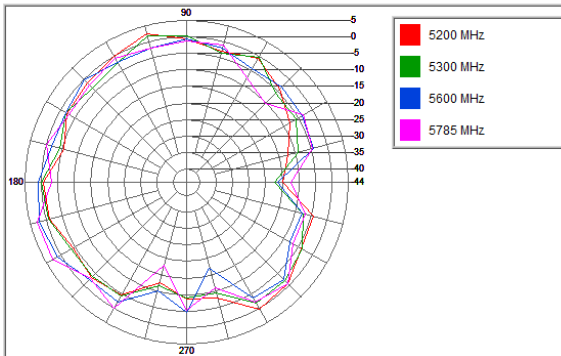


Ant 1, Phi, XZ-Plan

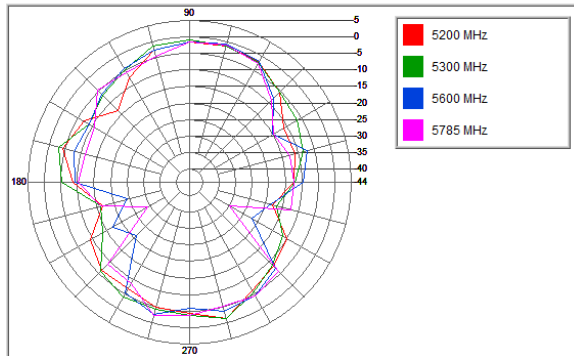


X-Y Plane (Ant 1)

Ant 2, Theta, XY-Plan

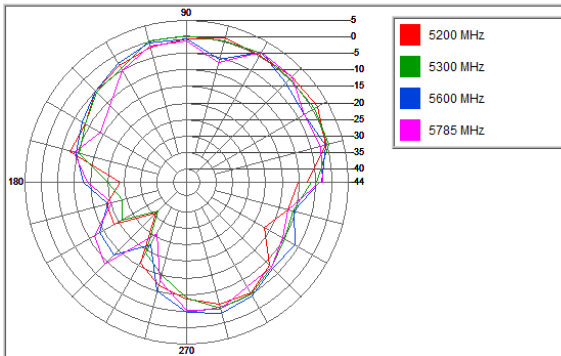


Ant 2, Phi, XY-Plan

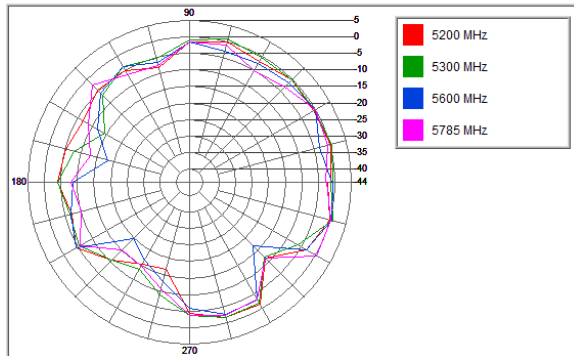


Y-Z Plane (Ant 1)

Ant 2, Theta, YZ-Plan

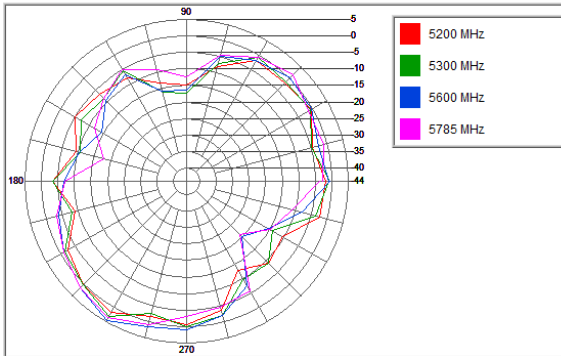


Ant 2, Phi, YZ-Plan

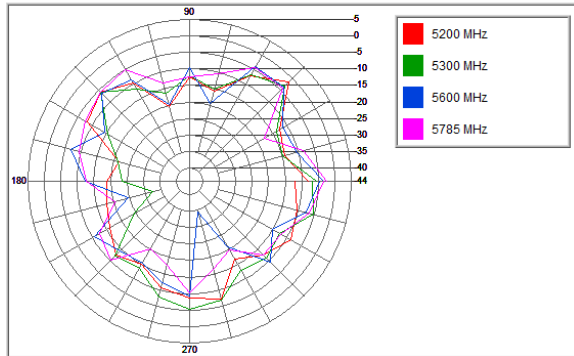


Z-X Plane (Ant 1)

Ant 2, Theta, XZ-Plan

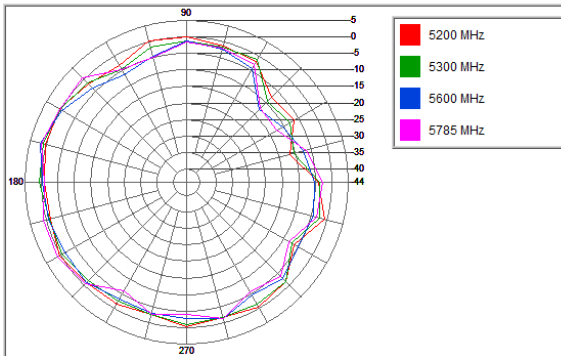


Ant 2, Phi, XZ-Plan

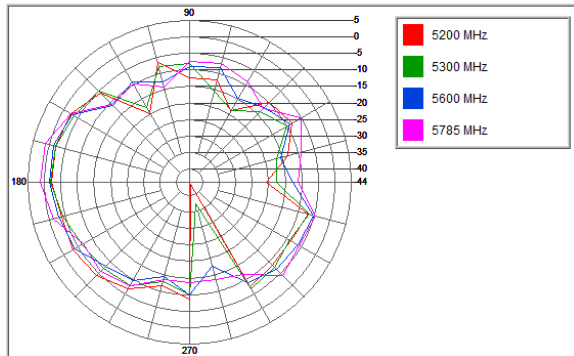


X-Y Plane (Ant 2)

Ant 3, Theta, XY-Plan

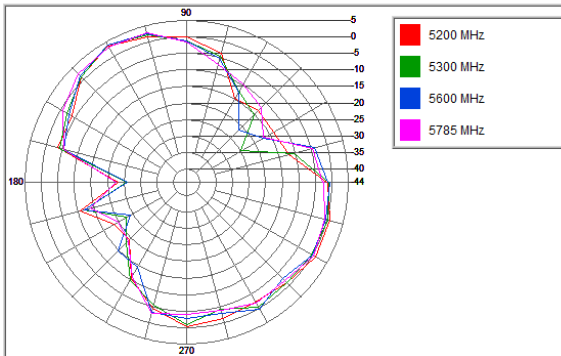


Ant 3, Phi, XY-Plan

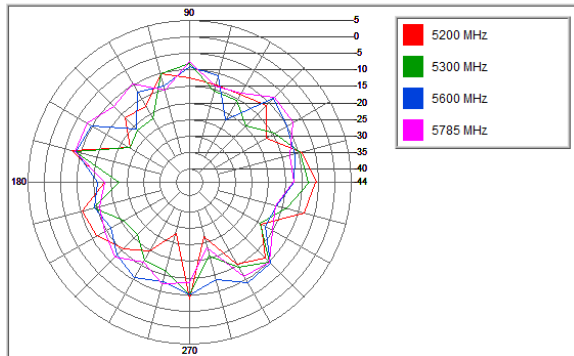


Y-Z Plane (Ant 2)

Ant 3, Theta, YZ-Plan

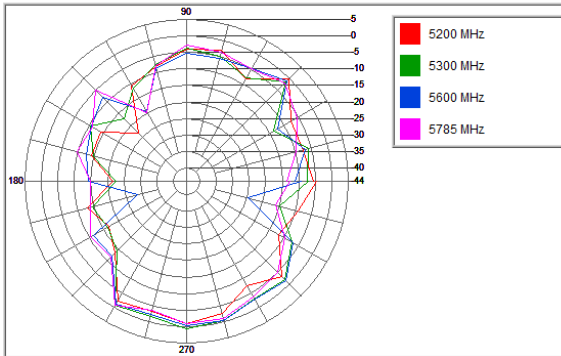


Ant 3, Phi, YZ-Plan

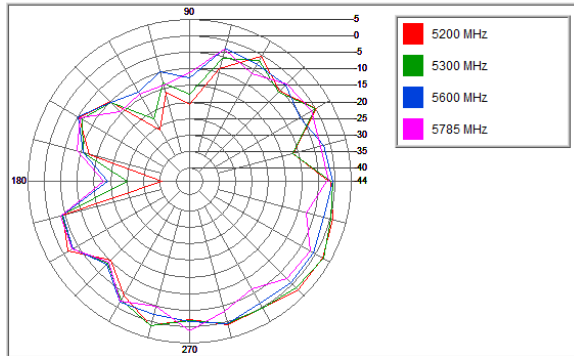


ZX Plane (Ant 2)

Ant 3, Theta, XZ-Plan

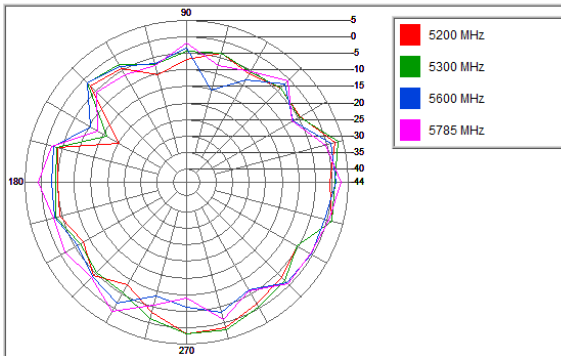


Ant 3, Phi, XZ-Plan

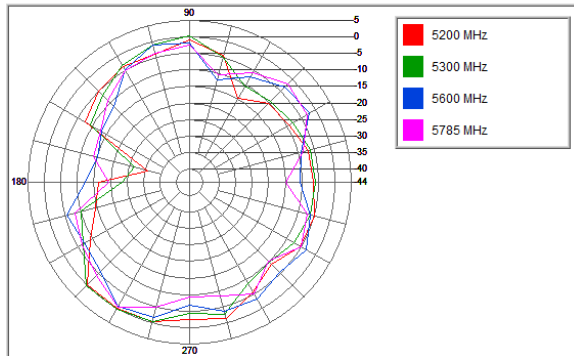


X-Y Plane (Ant 3)

Ant 4, Theta, XY-Plan

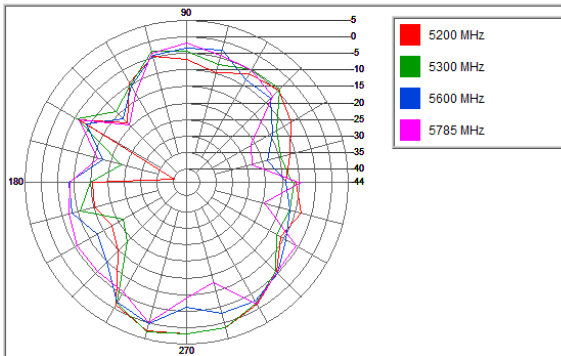


Ant 4, Phi, XY-Plan

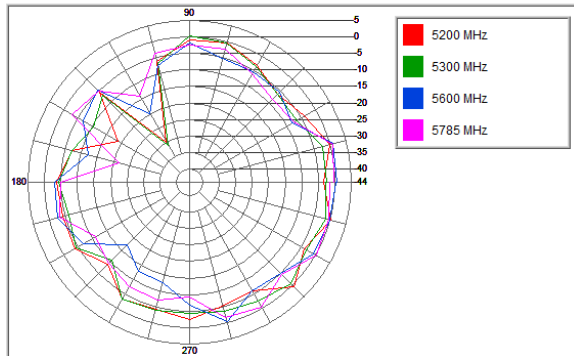


Y-Z Plane (Ant 3)

Ant 4, Theta, YZ-Plan

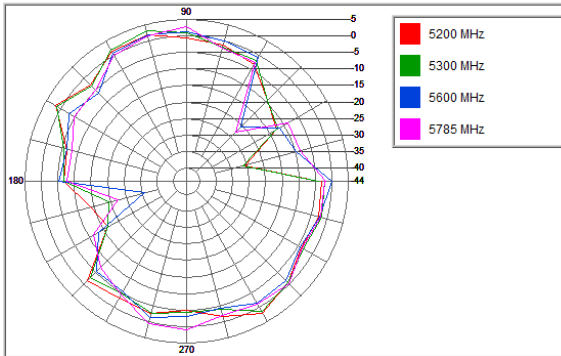


Ant 4, Phi, YZ-Plan

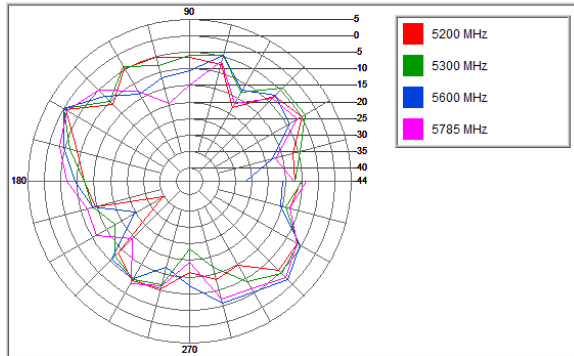


Z-X Plane (Ant 3)

Ant 4, Theta, XZ-Plan

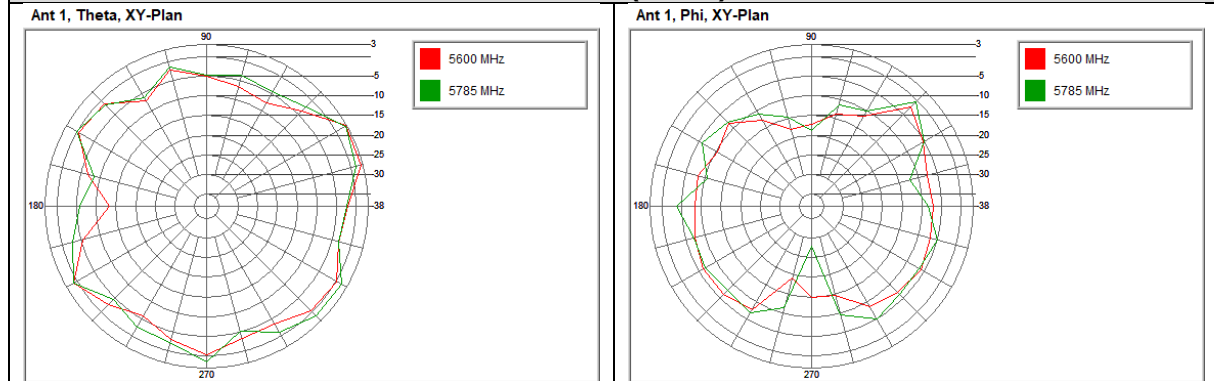


Ant 4, Phi, XZ-Plan

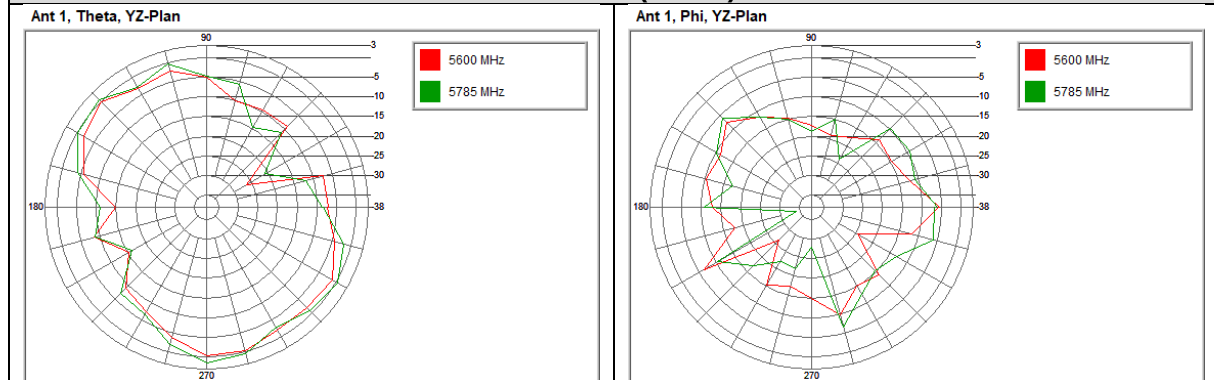


5G-H:

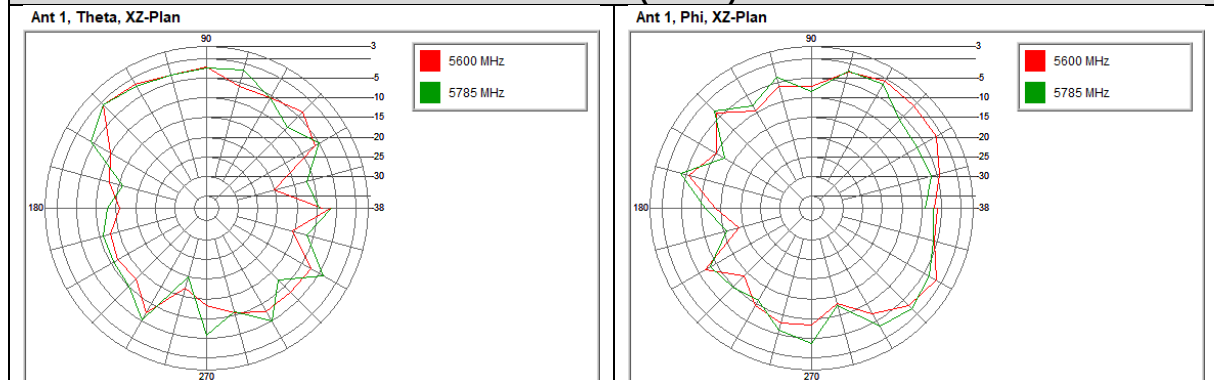
X-Y Plane (Ant 0)



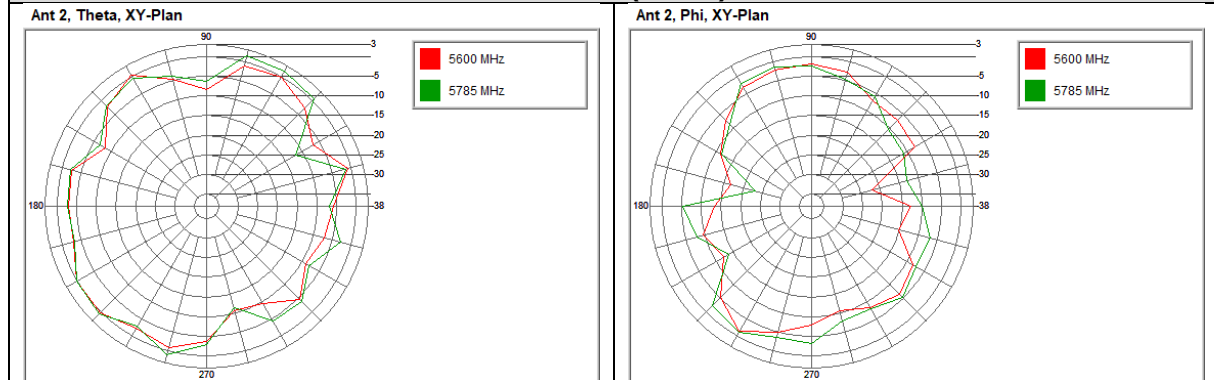
Y-Z Plane (Ant 0)



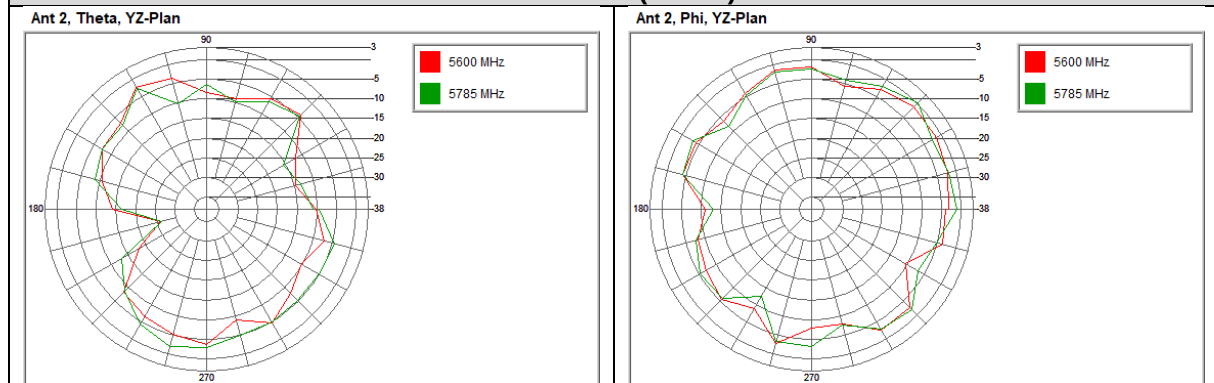
Z-X Plane (Ant 0)



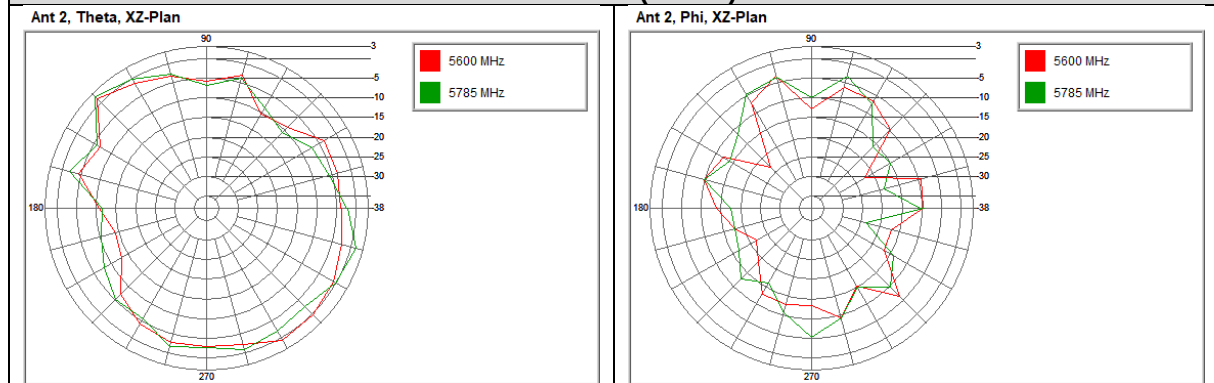
X-Y Plane (Ant 1)



Y-Z Plane (Ant 1)

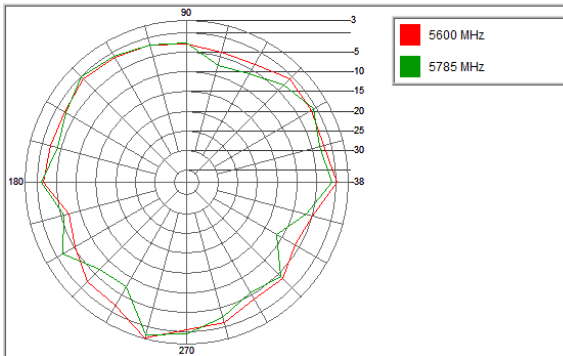


Z-X Plane (Ant 1)

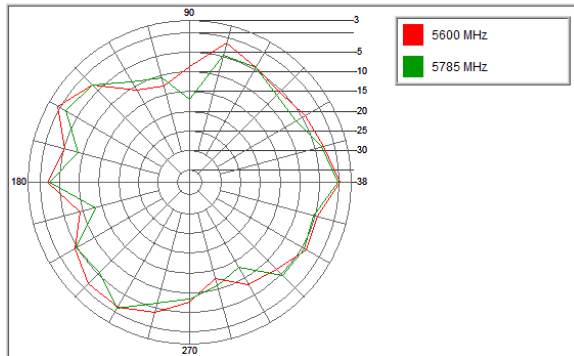


X-Y Plane (Ant 2)

Ant 3, Theta, XY-Plan

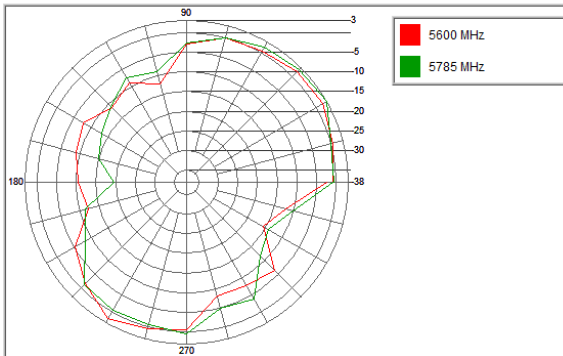


Ant 3, Phi, XY-Plan

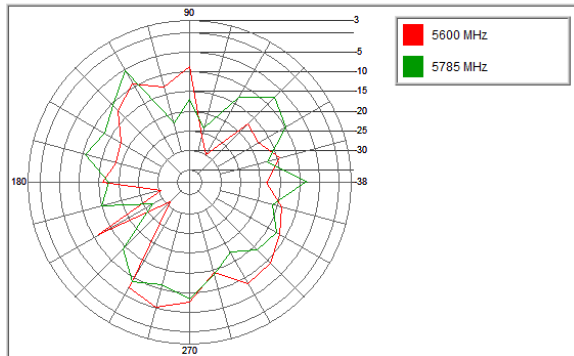


Y-Z Plane (Ant 2)

Ant 3, Theta, YZ-Plan

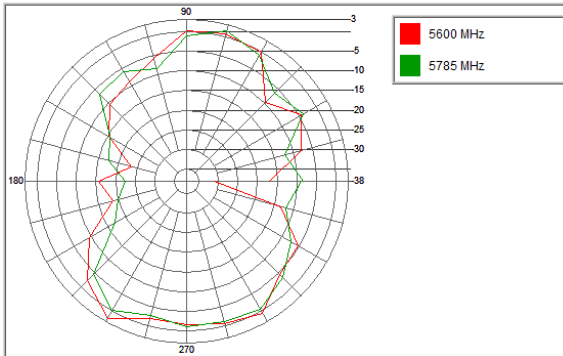


Ant 3, Phi, YZ-Plan

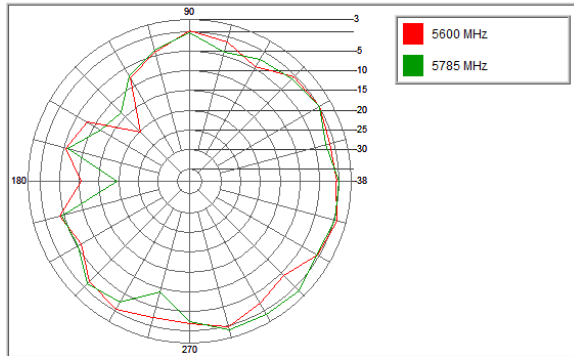


ZX Plane (Ant 2)

Ant 3, Theta, XZ-Plan

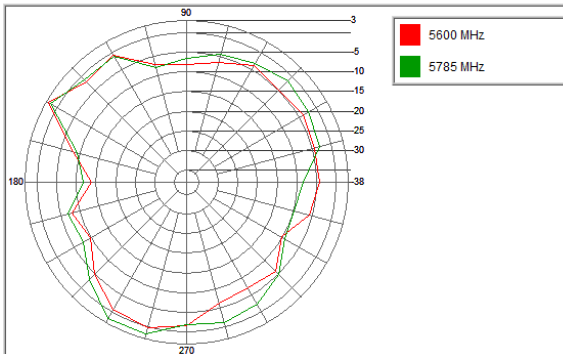


Ant 3, Phi, XZ-Plan

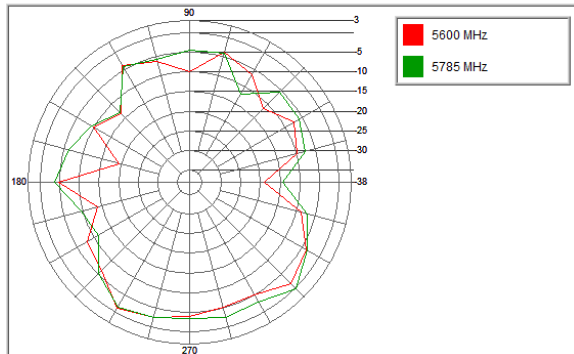


X-Y Plane (Ant 3)

Ant 4, Theta, XY-Plan

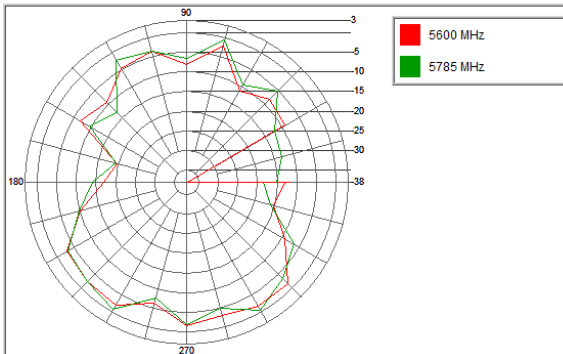


Ant 4, Phi, XY-Plan

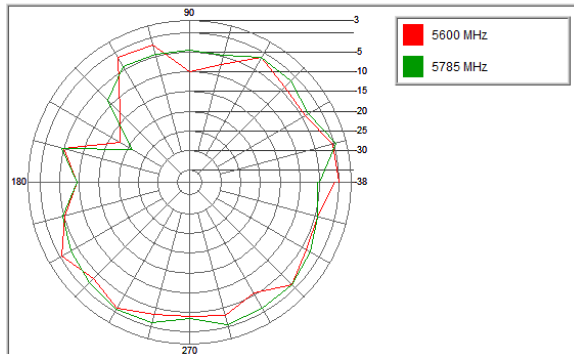


Y-Z Plane (Ant 3)

Ant 4, Theta, YZ-Plan

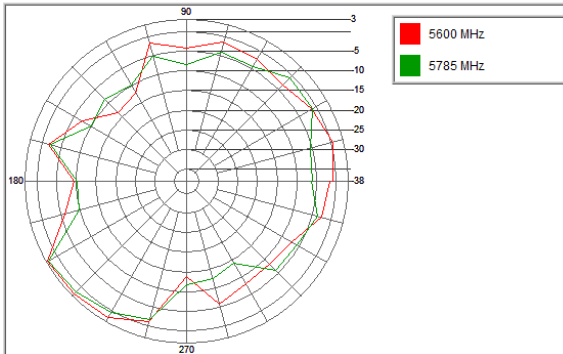


Ant 4, Phi, YZ-Plan

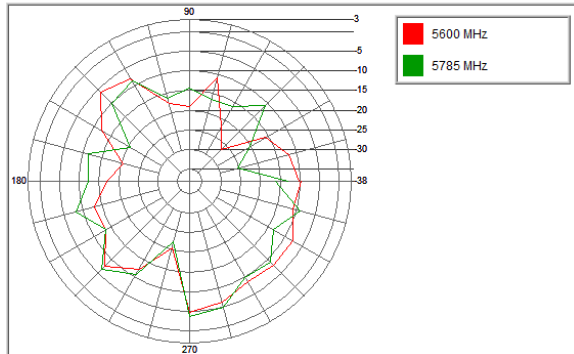


Z-X Plane (Ant 3)

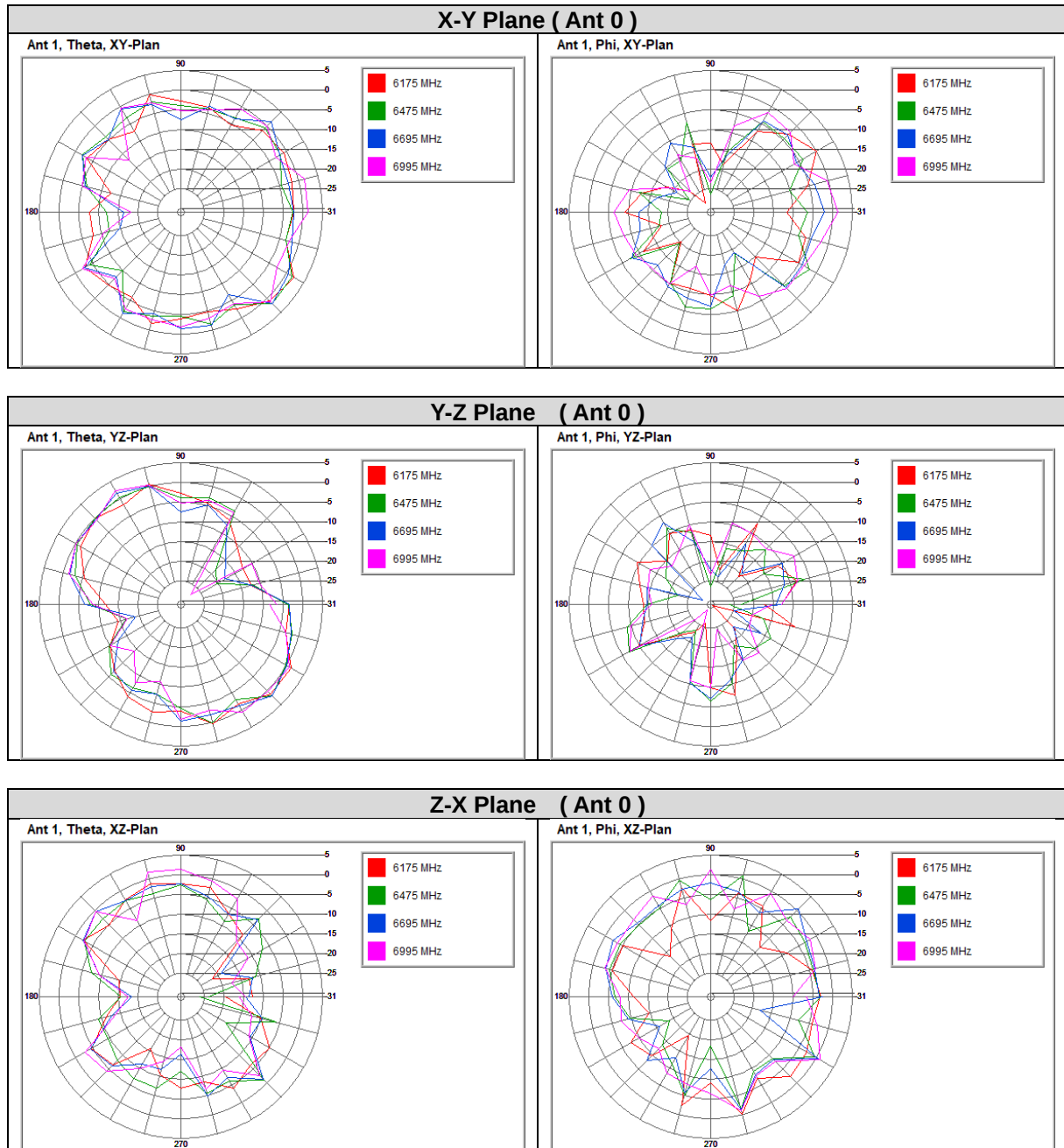
Ant 4, Theta, XZ-Plan



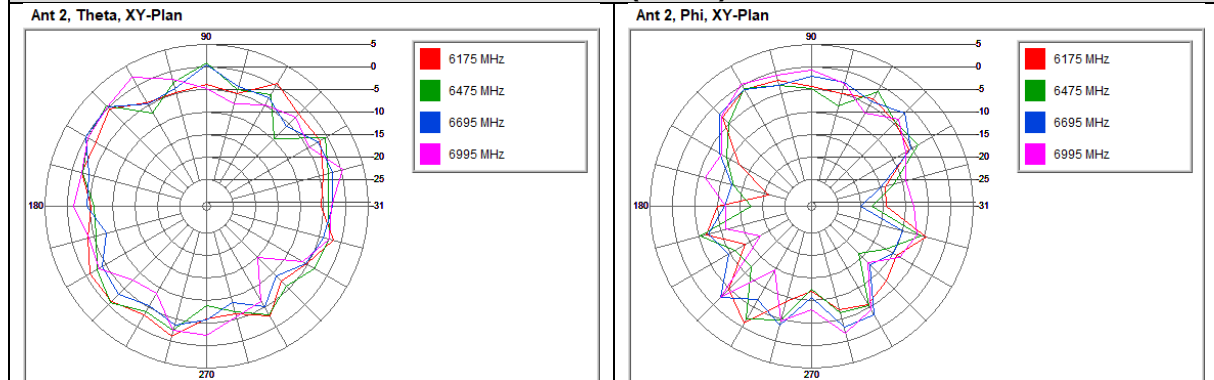
Ant 4, Phi, XZ-Plan



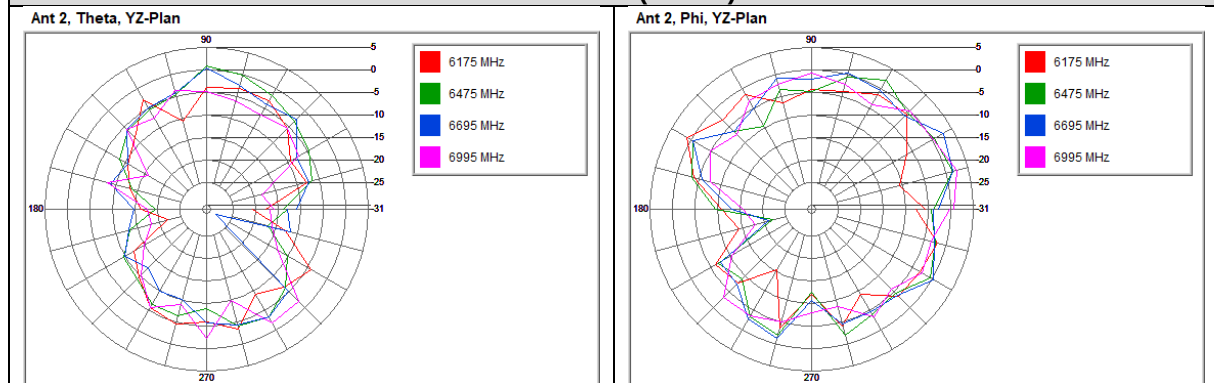
6G:



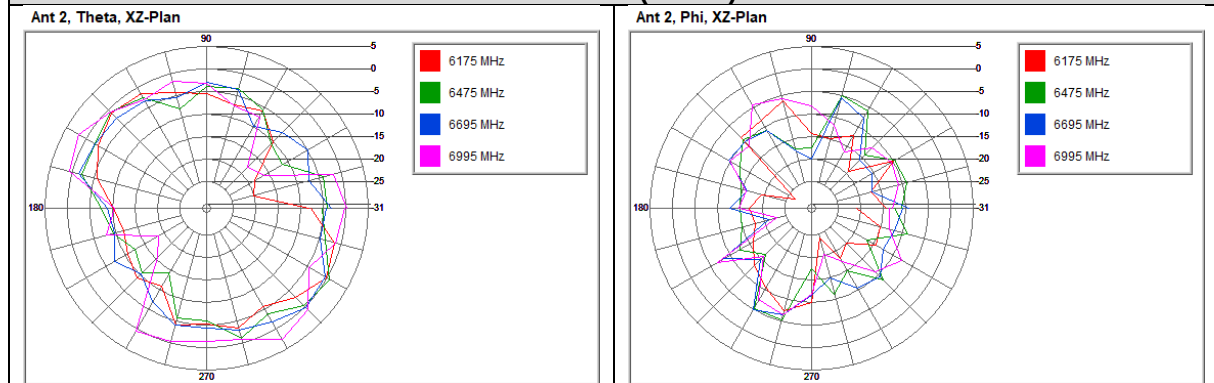
X-Y Plane (Ant 1)



Y-Z Plane (Ant 1)

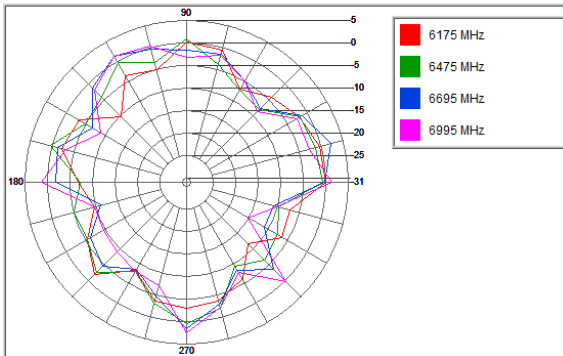


Z-X Plane (Ant 1)

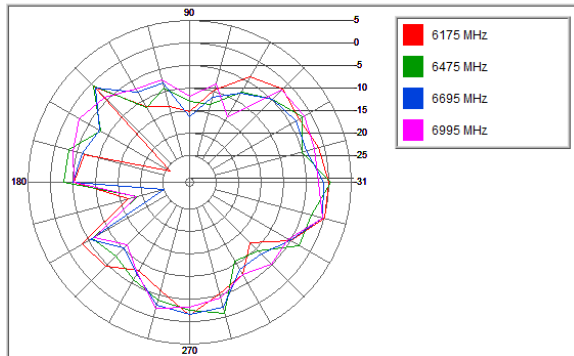


X-Y Plane (Ant 2)

Ant 3, Theta, XY-Plan

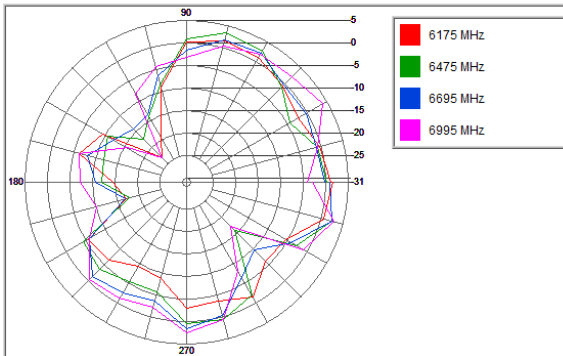


Ant 3, Phi, XY-Plan

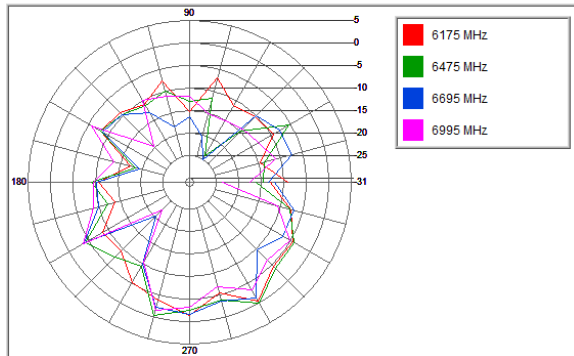


Y-Z Plane (Ant 2)

Ant 3, Theta, YZ-Plan

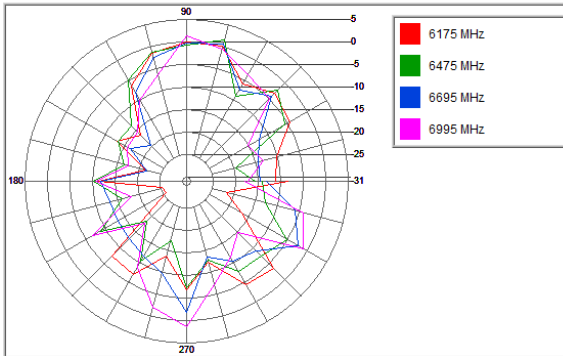


Ant 3, Phi, YZ-Plan

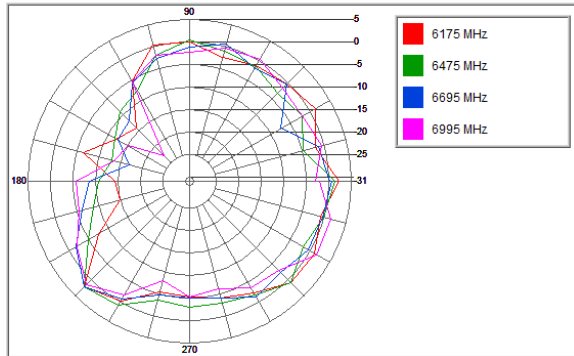


ZX Plane (Ant 2)

Ant 3, Theta, XZ-Plan

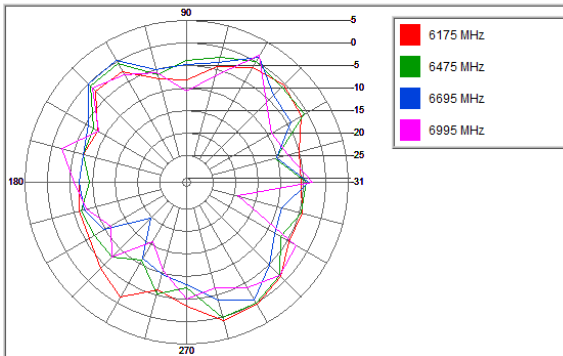


Ant 3, Phi, XZ-Plan

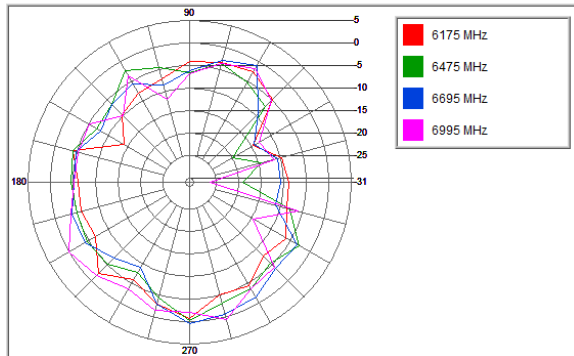


X-Y Plane (Ant 3)

Ant 4, Theta, XY-Plan

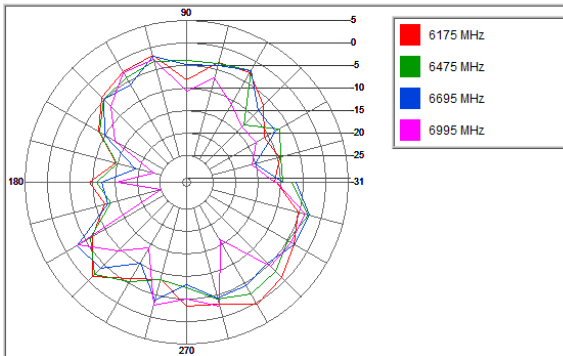


Ant 4, Phi, XY-Plan

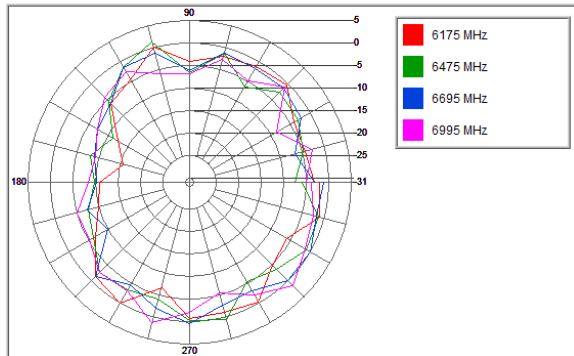


Y-Z Plane (Ant 3)

Ant 4, Theta, YZ-Plan

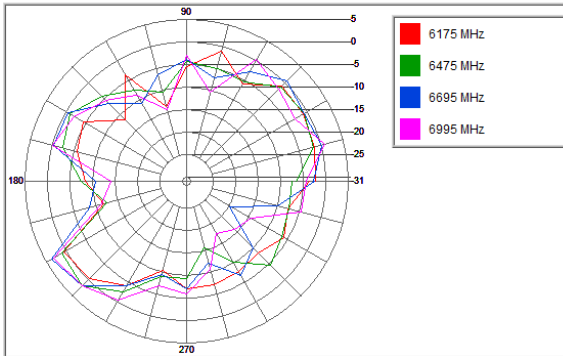


Ant 4, Phi, YZ-Plan

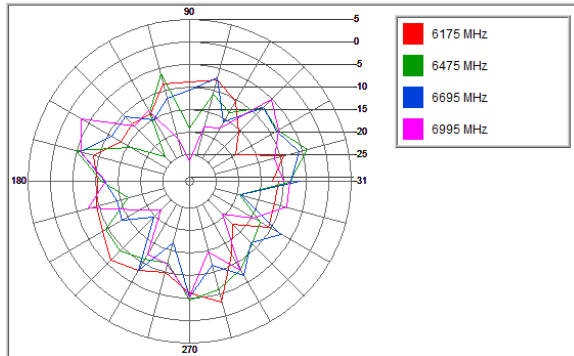


Z-X Plane (Ant 3)

Ant 4, Theta, XZ-Plan



Ant 4, Phi, XZ-Plan



APPENDIX B –Test Setup and EUT antenna port photo

B.1 Antenna Location (Configuration and RF Chains)

Please refer to the documents “ORxxxx-WTW-P24020330_ASUS_TUF-BE6500_Antenna measurement Report_APPENDIX”

B.2 Test Setup Diagram for EUT

Please refer to the documents “ORxxxx-WTW-P24020330_ASUS_TUF-BE6500_Antenna measurement Report_APPENDIX”

APPENDIX C - Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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Fax: 886-2-26051924

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Fax: 886-3-6668323

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Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com

Web Site: www.bureauveritas-adt.com

The address and road map of all our labs can be found in our web site also.

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