

Antenna Gain Measurement Report

Report No.: ORBHQZ-WTW-P25120689

Model No.: UTR-261

Received Date: 2026.4.14

Test Date: 2026.4.14, 2026.6.3

Issued Date: 2026.7.30

Applicant: Space Exploration Technologies Corp. (SPACEX)

Address: 1 Rocket Rd., Hawthorne, CA 90250 USA

Manufacturer: Space Exploration Technologies Corp. (SPACEX)

Address: 1 Rocket Rd., Hawthorne, CA 90250 USA

Issued By: Bureau Veritas Consumer Products Services (Hong Kong) Limited, Taoyuan Branch Mobile Communications Laboratory

Lab Address: No.19, Hwa Ya 2nd Rd., Kwei shan Dist., Taoyuan City, Taiwan (R.O.C)

TAF Number: 2770 (OTA3-HY)

Prepared by :

Johnny Liu

Date:

2026.7.30

Johnny Liu / Supervisor

Approved by :

Ken Chan

Date:

2026.7.30

Ken Chan / Manger

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Table of Contents

Release Control Record	3
1 EUT Antenna System Description	4
1.1 Antenna Information	4
1.2 Antenna Location (Configuration and RF Chains)	4
2 Antenna Measurement	5
2.1 Antenna Measurement Chamber	5
2.2 Reference Standard	5
2.3 Block diagram of antenna test set-up	5
2.4 Block diagram of calibration	6
2.5 Measurement Setup	6
2.6 EUT Operation mode	7
2.7 Test Setup Diagram for EUT	8
2.8 Test Instruments	8
2.9 Test Procedure	8
2.10 Summary Test Result	9
APPENDIX A – DETAIL TEST DATA INFORMATION	12
A.1 RADIATED DIRECTIONAL GAIN	12
A.2 DIRECTIONAL GAIN@1SS:	84
A.3 ANTENNA PATTERN TEST PLOTS	99
APPENDIX B –Test Setup and EUT antenna port photo	113
B.1 Antenna Location (Configuration and RF Chains)	113
B.2 Test Setup Diagram for EUT	113
APPENDIX C - Information of the Testing Laboratories	114



Release Control Record

Issue No.	Description	Date Issued
ORBHQZ-WTW-P25120689	Original release	2026.7.30

1 EUT Antenna System Description

1.1 Antenna Information

Frequency Range (GHz)	Brand Name	Model Name	Antenna Type	Connector Type	Antenna Position	RF Chain NO.
2.4~2.4835	SPACEX	UTR-261	PCB	ipex(MHF)	1	0
2.4~2.4835	SPACEX	UTR-261	PCB	ipex(MHF)	2	1
2.4~2.4835	SPACEX	UTR-261	PCB	ipex(MHF)	3	2
2.4~2.4835	SPACEX	UTR-261	PCB	ipex(MHF)	4	3
5.15~5.25	SPACEX	UTR-261	PCB	ipex(MHF)	5	0
5.25~5.35						
5.47~5.725						
5.725~5.85						
5.15~5.25	SPACEX	UTR-261	PCB	ipex(MHF)	6	1
5.25~5.35						
5.47~5.725						
5.725~5.85						
5.15~5.25	SPACEX	UTR-261	PCB	ipex(MHF)	7	2
5.25~5.35						
5.47~5.725						
5.725~5.85						
5.15~5.25	SPACEX	UTR-261	PCB	ipex(MHF)	8	2
5.25~5.35						
5.47~5.725						
5.725~5.85						
5.15~5.25	SPACEX	UTR-261	PCB	ipex(MHF)	9	2
5.25~5.35						
5.47~5.725						
5.725~5.85						

1.2 Antenna Location (Configuration and RF Chains)

Please refer to 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..

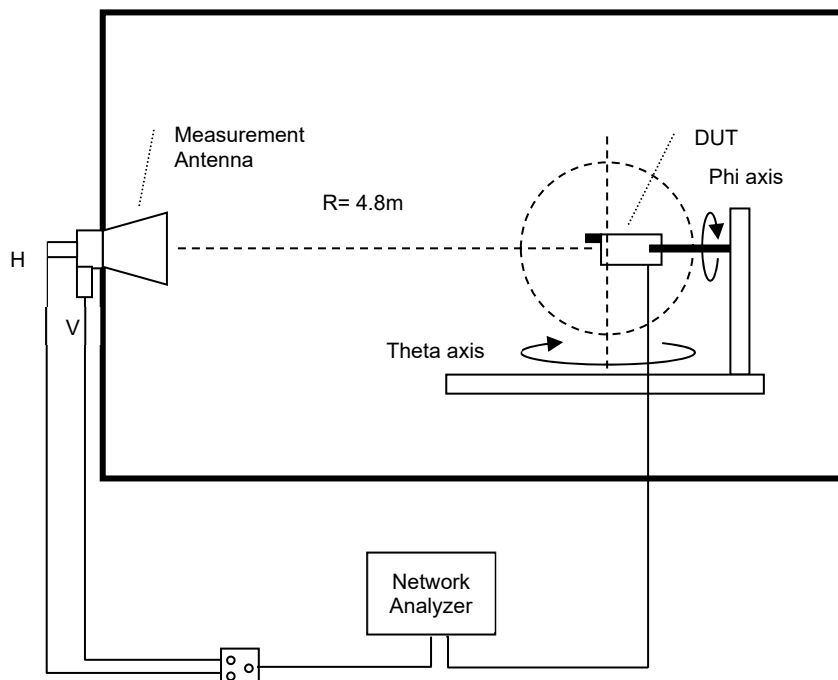


Figure 1. Antenna Pattern Test System.

2.4 Block diagram of calibration

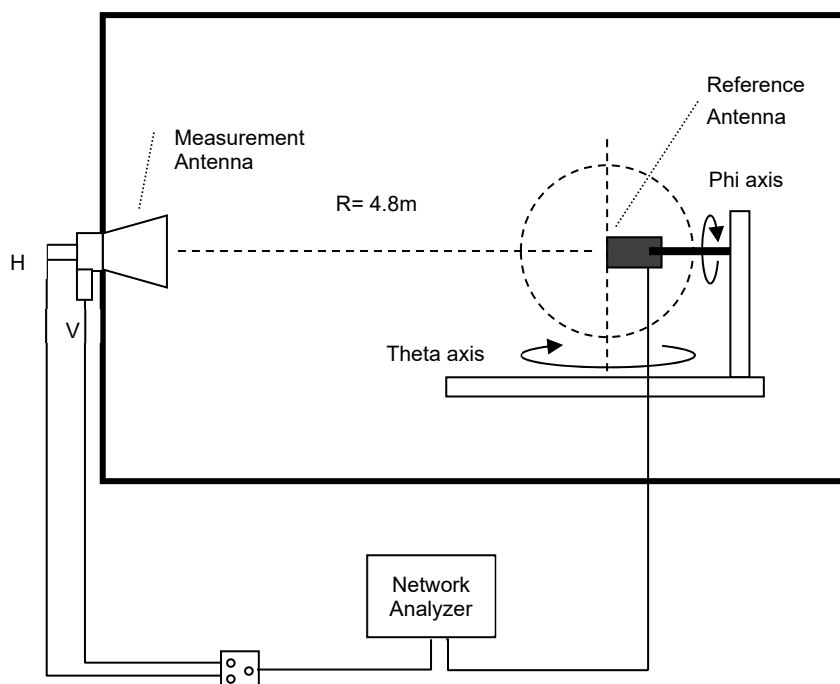


Figure 2. Calibration configuration.

2.5 Measurement Setup

Chamber Placement

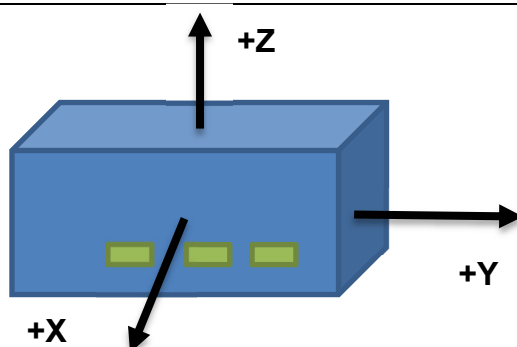
To minimize the physical volume occupied by the EUT during testing, the center of rotation shall be the three-dimensional geometric center of the EUT and not the antenna

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/ Nss4	Nss1 / Nss2 / Nss3/ Nss4
	802.11n(HT40)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4
	802.11n(VHT20)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4
	802.11n(VHT40)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4
	802.11ax(HE20)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4
	802.11ax(HE40)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4
	802.11be(EHT20)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4
	802.11be(EHT40)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4
5GHz	802.11a	Nss1	Not Support
	802.11n(HT20)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4
	802.11n(HT40)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4
	802.11ac(VHT20)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4/ Nss5
	802.11ac(VHT40)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4/ Nss5
	802.11ac(VHT80)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4/ Nss5
	802.11ac(VHT160)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4/ Nss5
	802.11ax(HE20)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4/ Nss5
	802.11ax(HE40)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4/ Nss5
	802.11ax(HE80)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4/ Nss5
	802.11ax(HE160)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4/ Nss5
	802.11be(EHT20)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4/ Nss5
	802.11be(EHT40)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4/ Nss5
	802.11be(EHT80)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4/ Nss5
	802.11be(EHT160)	Nss1 / Nss2 / Nss3/ Nss4	Nss1 / Nss2 / Nss3/ Nss4/ Nss5

Note: The Nss 1 mode for both 2.4GHz, 5GHz bands for final testing.

Band	Modulation Mode	Ant1	Ant2	Ant3	Ant4	Ant5
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(EHT20)	TX/RX	TX/RX	TX/RX	TX/RX	-
	802.11be(EHT40)	TX/RX	TX/RX	TX/RX	TX/RX	-
5GHz	802.11a	TX/RX	TX/RX	TX/RX	TX/RX	TX/RX
	802.11n(HT20)	TX/RX	TX/RX	TX/RX	TX/RX	TX/RX
	802.11n(HT40)	TX/RX	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ac(VHT20)	TX/RX	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ac(VHT40)	TX/RX	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ac(VHT80)	TX/RX	TX/RX	TX/RX	TX/RX	TX/RX

Band	Modulation Mode	Ant1	Ant2	Ant3	Ant4	Ant5
	802.11ac(VHT160)	TX/RX	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ax(HE20)	TX/RX	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ax(HE40)	TX/RX	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ax(HE80)	TX/RX	TX/RX	TX/RX	TX/RX	TX/RX
	802.11ax(HE160)	TX/RX	TX/RX	TX/RX	TX/RX	TX/RX
	802.11be(EHT20)	TX/RX	TX/RX	TX/RX	TX/RX	TX/RX
	802.11be(EHT40)	TX/RX	TX/RX	TX/RX	TX/RX	TX/RX
	802.11be(EHT80)	TX/RX	TX/RX	TX/RX	TX/RX	TX/RX
	802.11be(EHT160)	TX/RX	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	2025/7/11	2026/7/10	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
------------------	----------

Individual Antenna Maximum Peak Gain:

Frequency Band (MHz)	2400	2450	2500	-	-	-	-	-	-	-
Ant. 1 (dBi)	2.37	3.53	3.6	-	-	-	-	-	-	-
Polarization	Theta	Theta	Theta	-	-	-	-	-	-	-
Axis: Theta(°)	60	45	45	-	-	-	-	-	-	-
Axis: Phi(°)	270	300	285	-	-	-	-	-	-	-
Ant. 2 (dBi)	2.97	4.04	3.89	-	-	-	-	-	-	-
Polarization	Theta	Theta	Theta	-	-	-	-	-	-	-
Axis: Theta(°)	90	90	90	-	-	-	-	-	-	-
Axis: Phi(°)	270	270	255	-	-	-	-	-	-	-
Ant. 3 (dBi)	2.26	3.43	3.4	-	-	-	-	-	-	-
Polarization	Theta	Theta	Theta	-	-	-	-	-	-	-
Axis: Theta(°)	90	90	90	-	-	-	-	-	-	-
Axis: Phi(°)	75	90	90	-	-	-	-	-	-	-
Ant. 4 (dBi)	2.05	3.01	3.38	-	-	-	-	-	-	-
Polarization	Theta	Theta	Theta	-	-	-	-	-	-	-
Axis: Theta(°)	60	60	120	-	-	-	-	-	-	-
Axis: Phi(°)	90	105	90	-	-	-	-	-	-	-

Frequency Band (MHz)	5150	5200	5250	5300	5350	5470	5600	5725	5785	5850
Ant. 1 (dBi)	1.17	0.78	0.45	0.58	1.31	2.29	1.37	0.56	0.81	0.57
Polarization	Theta	Theta	Theta	Theta	Theta	Theta	Theta	Theta	Theta	Theta
Axis: Theta(°)	120	120	90	90	90	90	90	90	105	90
Axis: Phi(°)	75	75	105	105	120	135	120	120	105	135
Ant. 2 (dBi)	2.74	2.86	3.03	3.17	3.19	2.62	2.86	2.87	2.9	2.57
Polarization	Theta	Theta	Theta	Theta	Theta	Theta	Theta	Theta	Theta	Theta
Axis: Theta(°)	60	60	60	60	60	45	45	45	30	45
Axis: Phi(°)	90	90	90	90	90	90	90	90	90	90
Ant. 3 (dBi)	2.24	2.56	2.83	2.89	2.6	2.48	2.52	2.13	1.69	1.72
Polarization	Phi	Theta	Theta	Phi	Theta	Theta	Theta	Phi	Theta	Theta
Axis: Theta(°)	30	0	0	0	0	0	0	30	0	15
Axis: Phi(°)	0	270	270	180	90	90	270	180	270	270
Ant. 4 (dBi)	3.16	3.26	3.38	3.33	3.37	3.58	3.66	3.47	3.36	3.22
Polarization	Theta	Theta	Theta	Theta	Theta	Theta	Theta	Theta	Theta	Theta
Axis: Theta(°)	45	45	45	45	45	30	45	45	45	45
Axis: Phi(°)	270	270	270	270	270	270	270	270	270	270
Ant. 5 (dBi)	1.86	1.38	1.39	1.82	2.2	3.44	1.95	1.56	1.37	1.55
Polarization	Theta	Theta	Theta	Theta	Theta	Theta	Theta	Theta	Theta	Theta
Axis: Theta(°)	75	90	90	90	90	90	90	90	90	75
Axis: Phi(°)	255	225	240	255	255	240	285	255	285	285

Frequency Band (MHz)	5875	5895	-	-	-	-	-	-	-	-
Ant. 1 (dBi)	1.32	1.24	-	-	-	-	-	-	-	-
Polarization	Theta	Theta	-	-	-	-	-	-	-	-
Axis: Theta(°)	105	105	-	-	-	-	-	-	-	-
Axis: Phi(°)	105	105	-	-	-	-	-	-	-	-
Ant. 2 (dBi)	2.37	2.34	-	-	-	-	-	-	-	-
Polarization	Theta	Theta	-	-	-	-	-	-	-	-
Axis: Theta(°)	45	45	-	-	-	-	-	-	-	-
Axis: Phi(°)	75	75	-	-	-	-	-	-	-	-
Ant. 3 (dBi)	1.63	1.56	-	-	-	-	-	-	-	-
Polarization	Theta	Theta	-	-	-	-	-	-	-	-
Axis: Theta(°)	0	0	-	-	-	-	-	-	-	-
Axis: Phi(°)	270	270	-	-	-	-	-	-	-	-
Ant. 4 (dBi)	3.18	3.28	-	-	-	-	-	-	-	-
Polarization	Theta	Theta	-	-	-	-	-	-	-	-
Axis: Theta(°)	45	45	-	-	-	-	-	-	-	-
Axis: Phi(°)	270	270	-	-	-	-	-	-	-	-
Ant. 5 (dBi)	2.07	2.22	-	-	-	-	-	-	-	-
Polarization	Theta	Theta	-	-	-	-	-	-	-	-
Axis: Theta(°)	90	90	-	-	-	-	-	-	-	-
Axis: Phi(°)	255	255	-	-	-	-	-	-	-	-

Maximum Directional Gain (Maximum Direction Angle and Value):

Frequency Band (MHz)	2400	2450	2500	-	-	-	-	-	-	-
Ant. 1 (dBi)	-0.25	1.83	0.89	-	-	-	-	-	-	-
Ant. 2 (dBi)	-0.37	0.93	-1.32	-	-	-	-	-	-	-
Ant. 3 (dBi)	-2.89	-3.31	-1.22	-	-	-	-	-	-	-
Ant. 4 (dBi)	-0.32	0.09	-0.25	-	-	-	-	-	-	-
Polarization	Theta	Theta	Theta	-	-	-	-	-	-	-
Axis: Theta(°)	45	45	60	-	-	-	-	-	-	-
Axis: Phi(°)	345	345	0	-	-	-	-	-	-	-
Correlated Signals DG Calculation $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$										
DG (dBi) [1SS]	5.13	6.11	5.59	-	-	-	-	-	-	-

Frequency Band (MHz)	5150	5200	5250	5300	5350	5470	5600	5725	5785	5850
Ant. 1 (dBi)	-5.94	-5.53	-5.58	-5.46	-5.35	-5.86	-6.21	-4.55	-4.6	-4.8
Ant. 2 (dBi)	-0.46	-0.43	-0.38	-0.1	-0.28	-0.24	-0.81	0.3	0.46	0.44
Ant. 3 (dBi)	2.24	2.25	2.29	2.52	2.38	2.4	2.42	1.89	1.69	1.3
Ant. 4 (dBi)	0.24	0.15	-0.14	-0.5	-0.71	0.78	-0.14	-0.41	0.16	-0.16
Ant. 5 (dBi)	-7.72	-6.49	-5.08	-4.55	-4.95	-5.24	-5	-5.27	-5.39	-4.88
Polarization	Phi	Phi	Phi	Phi	Phi	Phi	Phi	Theta	Theta	Theta
Axis: Theta(°)	30	30	30	30	30	15	15	0	0	0
Axis: Phi(°)	0	0	0	0	0	180	180	90	270	90
Correlated Signals DG Calculation $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$										
DG (dBi) [1SS]	5.45	5.61	5.73	5.87	5.70	5.96	5.61	5.82	5.91	5.76

Frequency Band (MHz)	5875	5895	-	-	-	-	-	-	-	-
Ant. 1 (dBi)	-5.56	-5.59	-	-	-	-	-	-	-	-
Ant. 2 (dBi)	-0.08	-0.29	-	-	-	-	-	-	-	-
Ant. 3 (dBi)	1.63	1.56	-	-	-	-	-	-	-	-
Ant. 4 (dBi)	0.44	0.41	-	-	-	-	-	-	-	-
Ant. 5 (dBi)	-3.98	-3.74	-	-	-	-	-	-	-	-
Polarization	Theta	Theta	-	-	-	-	-	-	-	-
Axis: Theta(°)	0	0	-	-	-	-	-	-	-	-
Axis: Phi(°)	270	270	-	-	-	-	-	-	-	-
Correlated Signals DG Calculation $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$										
DG (dBi) [1SS]	5.90	5.86	-	-	-	-	-	-	-	-

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.

APPENDIX A – DETAIL TEST DATA INFORMATION

A.1 RADIATED DIRECTIONAL GAIN

Ant.	No.1																								
Freq. (MHz)	2400																								
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°)	-8.13	-11.01	-18.20	-24.91	-13.27	-8.53	-5.92	-4.43	-3.73	-3.67	-4.28	-5.61	-7.97	-12.01	-21.25	-21.68	-12.29	-8.32	-6.01	-4.62	-3.89	-3.76	-4.27	-5.42	-8.13
θ (15°)	-4.99	-6.81	-9.92	-15.48	-16.47	-10.34	-6.91	-5.17	-4.56	-4.88	-6.27	-8.89	-13.09	-17.74	-13.65	-9.65	-7.21	-5.74	-4.79	-4.14	-3.71	-3.46	-3.44	-3.66	-4.99
θ (30°)	-2.05	-3.16	-5.45	-9.40	-15.94	-15.29	-10.80	-8.79	-8.46	-9.52	-12.29	-20.16	-24.42	-12.61	-7.94	-5.25	-3.48	-2.37	-1.64	-1.16	-0.87	-0.70	-0.76	-1.09	-2.05
θ (45°)	-1.52	-3.03	-4.98	-7.66	-11.62	-16.21	-18.59	-18.05	-15.22	-11.46	-8.20	-6.06	-4.56	-3.28	-2.07	-0.90	0.16	1.03	1.61	1.85	1.72	1.27	0.54	-0.25	-1.52
θ (60°)	-1.19	-2.55	-3.82	-4.67	-5.98	-8.13	-10.38	-11.22	-9.64	-6.67	-3.80	-1.83	-0.79	-0.48	-0.13	0.71	1.70	2.26	[2.37]	2.17	1.84	1.51	1.11	0.35	-1.19
θ (75°)	-1.77	-3.52	-4.80	-6.10	-8.20	-11.12	-13.96	-14.61	-12.15	-8.45	-5.17	-2.88	-1.76	-1.41	-0.97	-0.11	0.69	1.13	1.28	1.28	1.21	1.03	0.65	-0.01	-1.77
θ (90°)	-3.08	-4.75	-5.81	-6.29	-7.01	-8.22	-9.65	-10.99	-12.17	-13.22	-12.85	-10.05	-6.66	-3.92	-2.23	-1.40	-1.16	-1.06	-0.86	-0.51	-0.06	0.29	0.14	-0.89	-3.08
θ (105°)	-2.96	-4.09	-5.48	-7.42	-9.53	-10.74	-10.57	-10.07	-9.77	-10.11	-11.94	-15.28	-9.81	-4.80	-2.22	-1.03	-0.39	0.01	0.21	0.21	0.08	-0.18	-0.75	-1.54	-2.96
θ (120°)	-2.32	-2.70	-3.95	-6.56	-11.32	-20.52	-27.76	-18.46	-15.91	-15.21	-16.22	-15.03	-9.09	-5.00	-2.81	-1.67	-0.85	-0.15	0.26	0.25	-0.15	-0.83	-1.57	-2.02	-2.32
θ (135°)	-3.34	-4.33	-6.18	-9.04	-12.77	-17.16	-22.10	-29.36	-33.79	-20.27	-13.97	-9.62	-6.55	-4.50	-3.32	-2.63	-2.17	-1.86	-1.74	-1.83	-2.15	-2.52	-2.83	-3.01	-3.34
θ (150°)	-6.98	-8.59	-11.23	-14.72	-19.72	-28.27	-33.63	-22.89	-17.80	-14.40	-11.76	-9.86	-8.30	-7.41	-6.68	-5.94	-5.06	-4.29	-3.76	-3.53	-3.60	-3.94	-4.58	-5.57	-6.98
θ (165°)	-10.45	-10.97	-11.68	-12.23	-12.55	-12.77	-13.30	-14.27	-15.98	-18.70	-21.35	-19.43	-16.48	-14.27	-12.83	-11.84	-11.37	-11.22	-11.25	-11.29	-11.02	-10.73	-10.35	-10.06	-10.45
θ (180°)	-14.05	-16.47	-17.44	-15.18	-12.74	-11.17	-10.20	-9.57	-9.21	-9.18	-9.57	-10.62	-11.94	-13.83	-15.44	-15.49	-13.79	-11.82	-10.35	-9.51	-9.18	-9.21	-9.91	-11.24	-14.05
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°)	-7.01	-5.83	-5.06	-4.90	-5.38	-6.62	-8.85	-13.01	-23.85	-19.68	-11.42	-7.68	-5.59	-4.46	-4.01	-4.17	-5.06	-6.64	-9.11	-13.01	-20.40	-24.10	-14.31	-9.92	-7.01
θ (15°)	-8.38	-5.93	-4.51	-4.00	-4.49	-6.05	-9.07	-14.47	-19.00	-12.07	-7.79	-5.47	-4.39	-4.08	-4.50	-5.53	-7.18	-9.43	-12.19	-15.33	-18.08	-19.05	-16.29	-12.54	-8.38
θ (30°)	-7.63	-5.46	-3.63	[-2.82]	-3.08	-4.51	-7.44	-12.38	-14.12	-9.26	-5.92	-4.06	-3.53	-3.87	-5.03	-6.83	-9.09	-11.53	-14.05	-16.70	-19.10	-19.45	-16.16	-12.11	-7.63
θ (45°)	-8.43	-7.05	-5.73	-5.20	-5.84	-8.33	-13.41	-16.74	-10.15	-6.06	-3.96	-3.02	-3.25	-4.65	-7.12	-9.83	-11.78	-13.26	-15.91	-22.00	-21.96	-14.99	-11.57	-9.94	-8.43
θ (60°)	-9.99	-10.16	-10.62	-10.04	-9.29	-9.82	-12.75	-22.16	-16.49	-8.46	-4.71	-3.16	-3.65	-5.79	-9.47	-11.90	-11.89	-13.03	-16.52	-21.52	-19.49	-15.63	-13.05	-11.06	-9.99
θ (75°)	-12.18	-17.47	-18.82	-12.91	-10.60	-10.23	-11.03	-13.44	-19.59	-17.13	-10.00	-6.89	-6.59	-8.70	-12.72	-13.57	-11.55	-11.22	-13.18	-18.36	-21.66	-14.89	-11.48	-10.56	-12.18
θ (90°)	-17.47	-27.13	-15.66	-11.57	-10.53	-10.37	-9.63	-8.77	-9.04	-11.39	-13.71	-9.32	-6.46	-6.18	-7.50	-8.99	-9.58	-10.12	-11.44	-14.58	-21.00	-18.14	-12.92	-11.99	-17.47
θ (105°)	-34.95	-16.42	-11.95	-10.77	-11.02	-11.81	-11.86	-10.53	-9.05	-8.26	-7.98	-7.67	-7.12	-6.31	-5.71	-5.87	-7.16	-9.53	-12.57	-16.35	-20.19	-19.18	-17.09	-18.23	-34.95
θ (120°)	-24.38	-18.65	-14.97	-14.32	-15.62	-18.38	-20.70	-18.47	-14.97	-12.51	-11.56	-12.70	-14.67	-12.23	-8.89	-7.58	-7.96	-9.45	-11.64	-14.13	-16.67	-18.78	-19.83	-22.83	-24.38
θ (135°)	-17.86	-16.59	-16.07	-16.42	-17.67	-19.31	-22.01	-23.64	-19.90	-16.07	-14.47	-15.63	-20.24	-20.58	-15.31	-12.99	-12.70	-13.65	-14.98	-16.26	-17.63	-18.69	-19.32	-19.84	-17.86
θ (150°)	-12.84	-12.06	-11.66	-12.02	-13.12	-14.49	-15.40	-15.14	-14.29	-13.74	-13.75	-14.19	-14.90	-14.83	-13.87	-13.02	-12.42	-12.90	-13.88	-15.04	-15.96	-16.33	-15.71	-14.42	-12.84
θ (165°)	-17.27	-14.60	-13.02	-12.46	-12.97	-14.34	-16.44	-17.94	-17.36	-15.95	-15.23	-15.46	-16.41	-18.03	-20.03	-22.50	-25.24	-28.16	-29.85	-30.86	-35.82	-41.26	-27.40	-22.08	-17.27
θ (180°)	-10.57	-9.90	-9.43	-9.38	-9.76	-10.51	-11.93	-14.01	-16.32	-16.93	-15.17	-13.11	-11.45	-10.24	-9.62	-9.37	-9.69	-10.58	-12.06	-14.03	-15.86	-15.99	-14.30	-12.45	-10.57

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°)	-8.21	-11.93	-23.24	-16.34	-9.30	-5.82	-3.85	-2.83	-2.53	-2.86	-3.95	-5.87	-9.19	-15.46	-34.16	-14.21	-8.96	-6.08	-4.37	-3.36	-2.94	-3.07	-3.70	-5.03	-8.21
θ (15°)	-4.05	-6.30	-10.25	-15.26	-11.63	-7.11	-4.60	-3.40	-3.24	-4.07	-6.05	-9.55	-14.26	-13.64	-9.20	-6.67	-4.64	-3.29	-2.38	-1.83	-1.71	-1.80	-2.09	-2.50	-4.05
θ (30°)	-0.54	-1.68	-3.94	-7.53	-12.39	-13.41	-9.95	-7.79	-7.18	-8.03	-10.71	-15.19	-12.37	-7.29	-4.01	-1.84	-0.37	0.57	1.09	1.30	1.25	1.10	0.85	0.43	-0.54
θ (45°)	0.47	-1.22	-3.54	-6.63	-10.86	-16.53	-21.09	-21.74	-19.95	-14.92	-9.89	-6.43	-4.03	-2.24	-0.42	0.75	1.74	2.50	3.02	3.35	[3.53]	3.22	2.59	1.83	0.47
θ (60°)	0.11	-1.24	-2.99	-4.13	-5.14	-6.65	-8.25	-8.97	-7.93	-5.67	-3.24	-1.39	-0.20	0.51	1.11	1.70	2.14	2.35	2.40	2.32	2.16	1.98	1.79	1.37	0.11
θ (75°)	-0.99	-2.73	-4.76	-6.49	-8.24	-10.35	-12.21	-12.79	-11.30	-8.26	-5.27	-3.09	-1.89	-1.15	-0.39	-0.03	0.36	0.45	0.37	0.27	-0.06	-0.11	-0.07	-0.07	-0.99
θ (90°)	-2.56	-4.96	-7.78	-8.09	-7.24	-6.95	-7.26	-8.04	-9.23	-10.87	-11.88	-9.69	-6.61	-4.57	-3.70	-2.98	-1.89	-0.89	-0.29	-0.09	-0.14	-0.19	-0.23	-0.69	-2.56
θ (105°)	-3.05	-4.18	-5.37	-6.86	-8.46	-9.63	-9.93	-9.67	-9.78	-11.33	-16.12	-14.63	-7.39	-3.88	-2.27	-1.06	0.06	0.91	1.35	1.38	0.93	0.26	-0.65	-1.58	-3.05
θ (120°)	-1.19	-1.12	-1.70	-3.39	-6.39	-10.99	-18.22	-34.77	-22.88	-18.98	-14.56	-10.17	-6.21	-3.57	-1.90	-0.60	0.53	1.43	2.00	2.12	1.71	0.80	-0.32	-1.10	-1.19
θ (135°)	-1.78	-2.59	-3.98	-6.19	-9.17	-12.89	-16.82	-18.22	-15.31	-11.87	-8.85	-6.42	-4.61	-3.13	-2.28	-1.59	-1.06	-0.71	-0.50	-0.39	-0.44	-0.13	-0.59	-1.09	-1.78
θ (150°)	-5.98	-7.87	-11.20	-16.09	-23.49	-21.49	-16.65	-14.07	-12.41	-10.95	-9.39	-8.38	-7.43	-6.61	-5.71	-4.73	-3.88	-3.18	-2.68	-2.39	-2.38	-2.77	-3.36	-4.37	-5.98
θ (165°)	-10.42	-10.59	-11.13	-11.60	-12.23	-12.92	-13.93	-15.52	-17.99	-19.82	-18.47	-15.60	-13.39	-12.25	-11.36	-11.01	-11.15	-11.55	-12.03	-12.40	-12.23	-11.93	-11.27	-10.83	-10.42
θ (180°)	-16.64	-16.33	-13.49	-11.10	-9.44	-8.36	-7.72	-7.53	-7.87	-8.62	-9.87	-11.61	-13.64	-15.00	-12.46	-10.43	-8.82	-7.81	-7.35	-7.36	-7.74	-9.03	-10.89	-13.61	-16.64
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°)	-4.00	-3.40	-3.16	-3.43	-4.35	-6.19	-9.52	-16.44	-27.18	-12.75	-7.93	-5.36	-3.89	-3.18	-3.10	-3.62	-4.87	-6.91	-10.38	-17.76	-24.19	-12.66	-8.16	-5.68	-4.00
θ (15°)	-5.73	-4.37	-3.61	-3.53	-4.23	-6.00	-9.27	-15.37	-16.58	-9.71	-5.98	-4.06	-3.25	-3.29	-4.06	-5.43	-7.39	-10.11	-14.33	-23.94	-20.67	-13.51	-9.99	-7.95	-5.73
θ (30°)	-5.74	-4.13	-2.83	-2.42	-3.03	-4.85	-8.33	-13.42	-11.70	-7.02	-4.24	-2.88	-2.63	-3.34	-4.83	-6.88	-9.35	-12.15	-16.06	-23.66	-27.09	-17.72	-12.59	-9.01	-5.74
θ (45°)	-5.15	-4.06	-3.36	-3.35	-4.29	-6.82	-11.53	-14.48	-8.39	-4.35	-2.31	-1.65	-2.28	-4.08	-5.93	-7.51	-8.53	-9.88	-12.47	-18.21	-23.56	-13.24	-9.05	-7.02	-5.15
θ (60°)	-7.15	-6.88	-7.01	-7.03	-7.10	-8.09	-11.41	-23.03	-14.31	-6.46	-2.94	[-1.61]	-2.27	-4.33	-6.95	-8.09	-8.43	-9.84	-12.95	-18.97	-29.79	-18.47	-12.52	-9.20	-7.15
θ (75°)	-11.39	-14.15	-14.27	-11.44	-9.79	-9.53	-10.45	-13.27	-21.62	-16.24	-9.06	-6.37	-6.41	-8.60	-11.38	-10.89	-9.59	-9.24	-10.30	-13.40	-21.84	-20.42	-13.16	-11.18	-11.39
θ (90°)	-15.94	-23.72	-19.49	-13.29	-11.19	-9.84	-8.61	-7.84	-8.34	-10.67	-12.01	-8.04	-5.70	-5.32	-6.90	-9.14	-10.65	-10.73	-10.76	-12.00	-15.72	-25.68	-17.58	-13.38	-15.94
θ (105°)	-21.52	-15.98	-11.59	-10.19	-10.37	-11.31	-11.53	-10.52	-9.24	-8.55	-8.49	-8.08	-6.81	-5.41	-5.12	-5.93	-7.97	-10.61	-12.75	-14.09	-15.45	-15.60	-15.64	-17.45	-21.52
θ (120°)	-16.07	-14.32	-12.43	-12.15	-13.37	-15.91	-18.72	-18.38	-15.42	-13.09	-12.77	-14.52	-14.92	-11.63	-9.57	-9.34	-10.33	-11.61	-12.82	-13.79	-15.79	-17.18	-18.29	-19.05	-16.07
θ (135°)	-14.44	-13.16	-12.68	-13.00	-14.24	-16.30	-19.47	-20.60	-16.99	-13.86	-12.64	-13.52	-16.93	-20.45	-18.30	-16.15	-15.55	-16.69	-16.70	-15.98	-16.70	-17.52	-17.33	-14.44	-14.44
θ (150°)	-9.23	-8.56	-8.32	-8.81	-10.04	-11.76	-13.79	-15.17	-14.87	-13.31	-12.49	-11.55	-11.05	-11.12	-11.73	-13.07	-14.74	-16.56	-16.89	-15.69	-14.09	-13.14	-12.11	-10.76	-9.23
θ (165°)	-14.84	-12.49	-11.10	-10.75	-11.52	-13.31	-16.12	-17.73	-16.12	-14.26	-13.26	-13.30	-14.14	-15.18	-17.56	-21.38	-27.15	-31.97	-29.40	-27.17	-25.38	-27.17	-22.22	-18.48	-14.84
θ (180°)	-8.03	-7.72	-7.64	-7.98	-8.86	-10.36	-12.95	-16.20	-16.95	-14.05	-11.28	-9.68	-8.48	-7.93	-8.11	-8.69	-10.00	-11.99	-14.41	-17.44	-16.37	-12.33	-10.38	-9.00	-8.03

Ant.	No.1																								
Freq. (MHz)	2500																								
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°)	-10.49	-14.90	-21.53	-13.94	-8.98	-6.22	-4.62	-3.84	-3.73	-4.28	-5.59	-7.85	-11.65	-18.74	-20.45	-12.54	-8.44	-6.00	-4.47	-3.65	-3.43	-3.83	-4.87	-6.72	-10.49
θ (15°)	-4.37	-6.71	-10.17	-12.20	-8.99	-5.87	-4.16	-3.53	-3.87	-5.22	-7.94	-12.81	-19.61	-14.08	-8.99	-5.87	-3.77	-2.32	-1.44	-0.99	-0.92	-1.16	-1.75	-2.52	-4.37
θ (30°)	-0.36	-1.41	-3.59	-7.22	-11.92	-11.39	-8.18	-6.69	-6.83	-8.61	-12.51	-15.28	-10.02	-5.86	-3.08	-1.09	0.43	1.45	2.04	2.24	2.09	1.72	1.24	0.69	-0.36
θ (45°)	1.18	-0.57	-3.18	-7.03	-12.90	-22.76	-27.37	-26.39	-23.97	-14.63	-8.97	-5.57	-3.34	-1.57	-0.49	0.99	2.19	2.98	3.42	[3.60]	3.46	3.31	2.94	2.40	1.18
θ (60°)	0.89	-0.32	-2.49	-4.59	-5.97	-7.21	-8.48	-9.14	-8.31	-6.12	-3.65	-1.80	-0.77	-0.22	0.36	1.10	1.78	2.21	2.37	2.25	1.94	1.63	1.53	1.50	0.89
θ (75°)	-1.51	-2.85	-4.77	-6.84	-8.94	-11.44	-13.83	-14.96	-14.42	-10.92	-6.85	-3.95	-2.47	-1.84	-1.49	-0.53	-0.53	-0.63	-0.60	-0.52	-0.09	-0.44	-0.71	-0.88	-1.51
θ (90°)	-3.06	-5.46	-9.79	-10.78	-8.40	-6.98	-6.41	-6.56	-7.54	-10.03	-14.86	-12.85	-8.00	-5.77	-4.32	-2.94	-1.44	-0.42	0.15	0.29	0.01	-0.47	-0.91	-1.37	-3.06
θ (105°)	-3.05	-5.20	-7.95	-10.42	-10.38	-9.08	-8.06	-8.03	-9.01	-11.91	-16.67	-11.48	-6.86	-4.75	-2.80	-1.31	0.31	1.47	2.04	2.08	1.77	1.17	0.19	-0.95	-3.05
θ (120°)	-1.82	-2.44	-3.30	-4.83	-7.44	-11.26	-15.68	-18.14	-17.10	-14.66	-15.24	-9.44	-5.32	-2.71	-0.98	0.23	1.08	1.74	2.17	2.30	1.96	1.43	0.48	-0.79	-1.82
θ (135°)	-1.24	-2.35	-4.06	-6.38	-9.16	-12.20	-13.82	-13.61	-11.72	-9.28	-7.03	-5.11	-3.62	-3.15	-2.05	-1.02	-0.24	0.24	0.45	0.47	0.39	-0.46	-0.52	-0.65	-1.24
θ (150°)	-4.63	-6.44	-9.89	-15.51	-25.93	-20.27	-15.45	-13.19	-11.87	-10.85	-9.53	-8.41	-7.52	-6.84	-6.22	-5.56	-4.83	-3.94	-3.06	-2.34	-1.79	-1.61	-1.93	-2.70	-4.63
θ (165°)	-10.89	-11.42	-12.47	-14.11	-15.89	-16.78	-17.76	-19.37	-22.20	-25.26	-23.50	-19.61	-17.06	-14.41	-13.73	-13.59	-13.81	-13.97	-13.98	-13.73	-12.92	-11.68	-11.03	-10.63	-10.89
θ (180°)	-17.08	-18.60	-17.38	-14.69	-12.29	-10.51	-9.31	-8.65	-8.47	-8.78	-9.66	-11.12	-12.41	-13.32	-15.31	-13.95	-12.13	-10.63	-9.68	-9.24	-9.64	-10.13	-11.56	-13.49	-17.08
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°)	-3.68	-3.16	-3.05	-3.56	-4.74	-6.94	-10.78	-18.52	-19.56	-11.55	-7.68	-5.48	-4.28	-3.79	-3.84	-4.38	-5.64	-7.58	-10.77	-15.89	-17.67	-11.93	-7.96	-5.51	-3.68
θ (15°)	-4.27	-3.01	-2.39	-2.47	-3.38	-5.44	-9.35	-16.58	-13.71	-7.90	-4.95	-3.59	-3.20	-3.54	-4.38	-5.40	-6.94	-9.15	-12.66	-19.60	-20.03	-13.77	-9.25	-6.78	-4.27
θ (30°)	-5.93	-4.12	-2.72	-2.32	-2.95	-4.69	-7.96	-12.16	-10.32	-6.02	-3.43	-2.27	-2.23	-3.11	-4.47	-5.93	-7.43	-9.21	-12.10	-17.52	-31.71	-19.26	-13.32	-9.58	-5.93
θ (45°)	-5.04	-3.16	-2.23	-2.25	-3.39	-6.09	-10.91	-12.79	-7.29	-3.69	-1.95	[-1.56]	-2.31	-3.77	-5.76	-6.96	-8.25	-10.24	-13.24	-18.21	-25.06	-20.68	-12.51	-8.64	-5.04
θ (60°)	-6.94	-5.43	-4.70	-4.99	-6.21	-8.41	-12.89	-28.82	-13.96	-6.90	-3.66	-2.59	-3.44	-5.23	-6.81	-7.45	-8.31	-10.25	-13.32	-17.73	-24.97	-30.91	-17.93	-11.62	-6.94
θ (75°)	-10.79	-12.41	-13.72	-11.66	-9.60	-9.01	-9.64	-12.58	-23.51	-16.20	-8.97	-6.71	-7.10	-9.34	-11.51	-11.41	-10.07	-9.43	-9.82	-11.73	-17.74	-33.02	-16.16	-12.28	-10.79
θ (90°)	-17.39	-23.53	-18.08	-12.10	-9.70	-8.54	-8.01	-7.94	-8.84	-11.26	-12.90	-9.36	-6.71	-6.17	-7.42	-10.05	-11.64	-10.77	-9.93	-10.30	-12.30	-17.19	-20.82	-16.40	-17.39
θ (105°)	-17.05	-14.77	-10.49	-9.09	-9.53	-10.79	-11.46	-10.55	-9.33	-8.99	-9.92	-10.20	-8.09	-6.26	-5.88	-6.95	-9.89	-14.43	-16.55	-16.18	-15.58	-15.66	-13.34	-13.22	-17.05
θ (120°)	-12.56	-12.11	-11.17	-11.08	-12.39	-15.24	-18.30	-17.38	-14.56	-13.09	-13.02	-15.33	-18.55	-14.20	-11.45	-11.09	-12.40	-14.49	-17.32	-20.47	-21.01	-17.57	-14.61	-13.03	-12.56
θ (135°)	-10.75	-9.99	-10.19	-11.27	-13.37	-16.41	-21.02	-22.28	-17.76	-14.87	-14.22	-16.21	-22.63	-26.05	-24.55	-18.03	-16.49	-17.24	-18.95	-19.42	-19.49	-18.20	-15.11	-13.04	-10.75
θ (150°)	-8.26	-7.41	-7.06	-7.54	-8.85	-10.94	-13.96	-17.26	-16.93	-14.05	-10.97	-10.11	-10.21	-11.12	-12.72	-15.03	-17.26	-17.50	-16.19	-15.14	-15.87	-15.94	-13.28	-10.66	-8.26
θ (165°)	-12.92	-10.87	-10.02	-10.23	-11.84	-14.88	-18.55	-18.92	-16.53	-14.99	-14.39	-14.58	-15.33	-16.51	-19.23	-23.71	-30.87	-41.47	-44.54	-40.18	-33.20	-26.52	-20.38	-16.49	-12.92
θ (180°)	-8.26	-7.93	-7.89	-8.38	-9.58	-11.61	-15.09	-20.48	-21.17	-16.23	-12.98	-10.57	-9.52	-9.03	-8.98	-9.17	-10.01	-11.45	-13.53	-13.42	-12.48	-12.67	-10.64	-9.29	-8.26

Ant.	No.2																								
Freq. (MHz)	2400																								
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°)	-5.98	-7.67	-11.18	-18.50	-23.48	-12.56	-8.37	-6.07	-4.75	-4.08	-4.06	-4.73	-6.23	-8.85	-13.70	-26.87	-17.01	-10.46	-7.26	-5.43	-4.43	-3.95	-3.96	-4.44	-5.98
θ (15°)	-4.63	-5.75	-7.76	-11.30	-18.57	-21.55	-12.97	-9.12	-7.08	-6.20	-6.31	-7.51	-9.97	-13.98	-16.22	-12.15	-8.52	-6.23	-4.83	-4.05	-3.71	-3.57	-3.55	-3.61	-4.63
θ (30°)	-2.48	-2.83	-3.83	-5.64	-8.56	-12.90	-17.65	-16.18	-13.14	-11.62	-11.58	-13.32	-18.08	-22.72	-14.06	-9.07	-5.94	-3.91	-2.64	-1.97	-1.84	-2.08	-2.43	-2.62	-2.48
θ (45°)	-2.81	-5.18	-7.89	-10.77	-14.89	-19.45	-17.17	-14.38	-12.76	-11.10	-9.30	-7.91	-7.19	-7.14	-6.94	-5.32	-2.93	-1.01	0.20	0.81	1.01	0.90	0.41	-0.37	-2.81
θ (60°)	-1.11	-3.20	-7.70	-12.43	-10.16	-7.94	-7.14	-7.05	-6.84	-5.58	-3.66	-2.26	-1.96	-2.81	-3.98	-3.99	-2.97	-1.94	-1.05	0.70	1.24	1.22	0.64	-1.11	
θ (75°)	-1.09	-3.18	-6.43	-8.63	-8.79	-8.48	-8.60	-8.91	-8.89	-7.23	-4.61	-2.82	-2.33	-2.65	-2.67	-1.87	-0.69	0.25	0.73	0.76	0.32	-0.40	-0.68	-0.52	-1.09
θ (90°)	-1.28	-0.87	-0.82	-1.96	-4.54	-8.75	-14.57	-18.49	-16.64	-12.61	-7.83	-4.23	-2.14	-1.45	-1.38	-0.53	1.21	2.51	[2.97]	2.78	2.27	1.52	0.48	-0.74	-1.28
θ (105°)	-0.14	-0.35	-1.10	-2.64	-4.86	-8.95	-12.92	-13.99	-10.45	-6.18	-2.81	-0.67	0.23	0.07	-0.34	-0.19	0.69	1.78	2.59	2.96	2.81	2.10	1.03	0.34	-0.14
θ (120°)	-0.30	-0.88	-2.00	-3.78	-6.44	-9.68	-13.21	-14.59	-10.77	-6.27	-3.09	-1.30	-0.59	-0.54	-0.83	-1.48	-2.32	-2.56	-1.84	-0.91	-0.26	0.20	0.39	0.28	-0.30
θ (135°)	-3.10	-3.38	-4.67	-6.84	-9.54	-12.79	-15.12	-15.13	-11.47	-7.70	-5.12	-3.39	-2.11	-1.07	-0.37	-0.22	-0.65	-1.34	-1.93	-2.36	-2.83	-3.44	-3.83	-3.85	-3.10
θ (150°)	-6.72	-7.86	-9.44	-11.10	-12.58	-13.36	-12.24	-11.35	-9.49	-7.61	-5.94	-4.59	-3.52	-2.65	-1.98	-1.58	-1.47	-1.73	-2.24	-2.83	-3.44	-4.05	-4.81	-5.72	-6.72
θ (165°)	-6.66	-6.77	-6.77	-6.59	-6.34	-6.13	-6.19	-6.70	-7.62	-8.86	-9.85	-10.02	-9.43	-8.59	-7.81	-7.26	-6.81	-6.41	-6.22	-6.03	-6.01	-6.22	-6.58	-6.95	-6.66
θ (180°)	-14.42	-13.14	-11.51	-10.40	-9.58	-9.34	-9.73	-9.98	-10.84	-12.32	-13.89	-15.17	-15.32	-14.43	-12.98	-11.38	-10.07	-9.25	-8.87	-9.15	-10.21	-12.00	-14.25	-16.18	-14.42
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°)	-7.61	-6.04	-4.81	-4.25	-4.31	-5.06	-6.66	-9.55	-14.96	-33.23	-16.81	-10.70	-7.59	-5.77	-4.75	-4.36	-4.55	-5.40	-7.06	-9.86	-14.55	-21.67	-16.35	-11.21	-7.61
θ (15°)	-8.91	-6.95	-5.48	-4.58	-4.25	-4.67	-6.01	-8.60	-13.52	-22.31	-15.12	-9.72	-7.00	-5.65	-5.20	-5.48	-6.46	-8.11	-10.34	-12.68	-14.07	-13.93	-12.75	-11.50	-8.91
θ (30°)	-10.84	-8.22	-5.48	-3.84	-3.18	-3.43	-4.44	-6.23	-8.85	-12.03	-12.32	-9.21	-6.84	-5.89	-6.25	-7.68	-10.01	-13.08	-16.51	-16.85	-13.69	-11.43	-10.78	-11.13	-10.84
θ (45°)	-7.58	-6.17	-4.29	-2.91	[-2.50]	-3.09	-4.61	-6.73	-8.48	-8.50	-7.23	-6.14	-6.03	-7.41	-10.18	-13.27	-15.60	-18.45	-24.43	-21.45	-15.50	-12.16	-9.85	-8.73	-7.58
θ (60°)	-8.88	-7.09	-4.95	-3.93	-3.93	-4.97	-7.54	-12.56	-15.69	-9.61	-6.16	-4.97	-6.14	-10.31	-21.57	-19.13	-14.31	-14.43	-16.83	-19.67	-18.09	-14.18	-11.50	-10.29	-8.88
θ (75°)	-9.43	-7.70	-7.33	-7.89	-8.78	-9.96	-12.84	-17.29	-14.08	-8.67	-6.03	-5.90	-8.65	-15.86	-19.66	-16.04	-17.11	-17.95	-15.26	-14.23	-15.81	-18.84	-17.01	-13.88	-9.43
θ (90°)	-14.93	-14.64	-15.31	-20.70	-25.67	-13.52	-9.04	-7.15	-7.08	-8.95	-12.72	-15.13	-14.08	-12.73	-12.23	-12.30	-12.31	-12.00	-11.96	-12.71	-14.25	-15.58	-16.17	-16.18	-14.93
θ (105°)	-16.26	-16.74	-12.40	-10.64	-10.56	-10.33	-9.91	-9.40	-9.54	-10.96	-14.22	-22.11	-28.15	-15.60	-11.61	-10.42	-11.04	-12.99	-15.14	-16.85	-20.85	-23.63	-15.51	-13.74	-16.26
θ (120°)	-19.36	-20.85	-12.80	-10.02	-9.69	-10.36	-10.96	-10.96	-10.86	-11.72	-14.35	-19.51	-18.11	-13.24	-11.30	-11.24	-12.60	-14.90	-16.28	-15.04	-12.59	-10.60	-9.90	-11.34	-19.36
θ (135°)	-10.09	-10.49	-10.48	-10.88	-10.88	-14.88	-16.85	-15.45	-13.81	-13.81	-14.90	-14.81	-13.75	-13.88	-16.20	-21.84	-28.58	-20.87	-16.73	-14.17	-12.20	-10.67	-9.86	-9.99	-10.09
θ (150°)	-10.02	-12.22	-16.31	-22.61	-24.16	-19.85	-18.25	-15.74	-14.40	-13.58	-13.36	-13.94	-15.01	-16.01	-17.10	-18.61	-21.42	-22.13	-18.01	-14.54	-12.12	-10.26	-9.09	-8.71	-10.02
θ (165°)	-17.65	-15.19	-13.62	-13.35	-14.65	-18.01	-25.75	-21.60	-15.04	-12.00	-10.76	-10.80	-11.74	-13.43	-15.52	-17.93	-20.77	-24.70	-29.82	-30.59	-25.99	-22.99	-21.28	-19.76	-17.65
θ (180°)	-9.45	-9.52	-9.81	-10.49	-11.67	-13.57	-14.55	-14.97	-14.33	-12.83	-11.70	-11.23	-11.25	-11.61	-12.29	-13.00	-14.01	-15.13	-15.17	-13.72	-11.82	-10.32	-9.44	-9.06	-9.45

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°)	-7.31	-9.50	-13.86	-23.75	-18.81	-11.38	-7.78	-5.66	-4.46	-4.08	-4.44	-5.57	-7.65	-11.06	-16.77	-19.74	-13.78	-9.78	-7.30	-5.69	-4.82	-4.56	-4.86	-5.66	-7.31		
θ (15°)	-4.70	-6.34	-8.96	-13.58	-19.69	-13.71	-9.11	-6.69	-5.55	-5.49	-6.44	-8.40	-11.04	-12.44	-10.84	-8.49	-6.52	-4.97	-3.73	-2.82	-2.35	-2.38	-2.78	-3.39	-4.70		
θ (30°)	-2.04	-2.63	-3.91	-6.27	-10.57	-16.93	-14.59	-10.76	-9.04	-8.71	-9.51	-10.79	-10.57	-8.45	-6.21	-4.34	-2.77	-1.47	-0.50	0.11	0.27	0.04	-0.51	-1.19	-2.04		
θ (45°)	-0.01	-1.58	-4.10	-8.01	-14.40	-39.88	-17.36	-13.57	-13.62	-17.52	-24.80	-14.97	-10.39	-8.26	-6.51	-4.18	-1.86	-0.15	0.92	1.44	1.55	1.42	1.20	0.93	-0.01		
θ (60°)	0.28	-0.84	-3.61	-8.70	-13.96	-10.47	-7.64	-6.67	-6.65	-6.28	-4.79	-3.42	-3.21	-4.29	-5.47	-4.71	-2.84	-1.24	-0.15	0.49	0.80	0.93	0.99	0.90	0.28		
θ (75°)	-0.24	-1.50	-4.58	-9.03	-9.80	-8.37	-7.15	-6.77	-6.51	-5.64	-4.66	-4.33	-4.69	-4.56	-3.06	-1.21	0.39	1.56	2.38	2.89	2.92	2.27	1.06	0.25	-0.24		
θ (90°)	-0.83	-1.10	-1.08	-1.83	-3.87	-7.12	-10.81	-12.81	-12.28	-10.57	-8.09	-5.45	-3.33	-1.78	-0.22	1.57	3.08	3.89	[4.04]	3.77	3.30	2.70	1.89	0.70	-0.83		
θ (105°)	0.19	0.01	-0.70	-2.48	-5.12	-9.76	-13.84	-13.45	-9.72	-5.90	-3.07	-1.49	-1.03	-1.29	-1.38	-0.50	0.96	2.24	3.03	3.36	3.29	2.82	1.87	0.89	0.19		
θ (120°)	-0.11	-0.78	-2.28	-4.81	-8.64	-13.77	-20.54	-18.44	-10.47	-5.57	-2.87	-1.86	-2.02	-2.77	-3.64	-4.00	-2.85	-0.85	0.65	1.36	1.50	1.31	1.01	0.67	-0.11		
θ (135°)	-5.13	-6.20	-7.65	-9.90	-11.13	-14.93	-18.01	-18.63	-13.24	-9.18	-6.78	-5.41	-4.26	-3.34	-2.71	-2.48	-2.29	-1.72	-0.95	-0.43	-0.36	-0.90	-2.04	-3.20	-5.13		
θ (150°)	-8.69	-10.28	-12.54	-14.96	-17.52	-19.34	-13.95	-15.44	-12.39	-9.91	-8.10	-6.74	-5.52	-4.31	-3.16	-2.25	-1.72	-1.60	-1.76	-2.15	-2.75	-3.67	-4.94	-6.48	-8.69		
θ (165°)	-10.52	-11.02	-11.39	-11.19	-10.44	-9.79	-9.48	-9.66	-10.30	-11.19	-11.61	-11.17	-10.23	-9.35	-8.69	-8.40	-8.35	-8.45	-8.77	-9.24	-9.85	-10.34	-10.60	-10.92	-10.52		
θ (180°)	-25.79	-22.10	-15.36	-11.71	-9.58	-8.49	-7.08	-6.92	-8.85	-10.33	-12.70	-16.30	-20.33	-19.03	-15.02	-12.33	-10.76	-9.99	-9.90	-10.30	-11.02	-12.46	-15.08	-19.74	-25.79		
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°)	-6.30	-5.16	-4.34	-4.11	-4.45	-5.51	-7.45	-10.73	-16.88	-21.03	-13.32	-9.14	-6.73	-5.37	-4.79	-4.84	-5.47	-6.71	-8.73	-12.23	-19.00	-20.96	-13.10	-9.04	-6.30		
θ (15°)	-6.59	-5.33	-4.29	-3.71	-3.72	-4.54	-6.44	-9.96	-17.82	-23.95	-12.53	-8.51	-6.66	-6.03	-6.25	-7.16	-8.77	-11.29	-15.46	-21.78	-18.02	-13.00	-10.05	-8.50	-6.59		
θ (30°)	-8.07	-7.33	-5.59	-4.12	-3.46	-3.86	-5.32	-8.11	-13.05	-17.89	-11.96	-8.18	-6.76	-7.06	-8.63	-10.87	-13.09	-15.34	-19.52	-27.42	-17.60	-11.81	-9.04	-8.14	-8.07		
θ (45°)	-6.97	-5.94	-4.44	-3.13	[-2.69]	-3.35	-5.31	-9.11	-14.39	-11.28	-7.23	-5.50	-5.93	-8.47	-12.14	-12.95	-12.09	-13.04	-16.74	-22.45	-16.66	-11.88	-9.30	-8.20	-6.97		
θ (60°)	-8.58	-7.79	-6.35	-4.97	-4.35	-4.94	-7.44	-13.79	-19.03	-8.91	-5.31	-4.81	-7.28	-15.34	-19.23	-11.28	-10.08	-11.46	-14.37	-18.75	-27.04	-22.64	-14.56	-10.80	-8.58		
θ (75°)	-11.92	-9.08	-8.78	-9.75	-9.97	-10.97	-12.68	-13.83	-11.09	-8.06	-6.71	-7.57	-11.14	-14.22	-11.77	-11.14	-12.92	-15.54	-16.76	-18.07	-22.08	-29.25	-26.45	-20.52	-11.92		
θ (90°)	-15.00	-15.40	-15.73	-19.47	-21.29	-14.45	-10.11	-7.55	-6.63	-7.61	-11.36	-21.04	-14.27	-8.70	-6.87	-7.20	-8.87	-10.50	-11.46	-13.29	-17.90	-19.86	-14.84	-13.80	-15.00		
θ (105°)	-16.79	-17.55	-11.99	-10.04	-10.21	-10.57	-9.46	-8.19	-8.00	-9.56	-14.24	-29.29	-14.44	-9.40	-7.96	-8.91	-11.74	-14.56	-13.71	-12.32	-12.94	-14.91	-13.99	-13.28	-16.79		
θ (120°)	-17.55	-25.98	-13.22	-9.44	-8.71	-9.29	-10.43	-11.29	-11.88	-13.38	-17.27	-22.65	-15.47	-11.42	-10.37	-11.53	-14.87	-21.02	-27.23	-24.65	-18.79	-13.57	-10.78	-10.82	-17.55		
θ (135°)	-10.80	-10.53	-9.53	-9.39	-9.58	-12.83	-16.00	-17.19	-15.92	-14.85	-13.91	-12.16	-10.80	-10.90	-12.91	-17.75	-31.53	-24.07	-17.28	-13.92	-11.80	-10.51	-10.05	-10.47	-10.80		
θ (150°)	-7.89	-8.75	-10.53	-13.41	-17.74	-21.95	-20.00	-16.06	-14.19	-13.25	-12.65	-11.88	-11.02	-10.41	-10.55	-11.73	-14.72	-21.00	-22.44	-15.42	-11.74	-9.68	-8.64	-8.12	-7.89		
θ (165°)	-14.19	-13.37	-13.14	-13.93	-16.64	-23.14	-30.28	-18.58	-14.36	-12.32	-11.58	-11.83	-12.81	-14.58	-16.99	-20.64	-25.91	-34.20	-30.67	-25.63	-22.63	-20.12	-17.81	-16.10	-14.19		
θ (180°)	-7.04	-6.91	-7.30	-8.37	-10.40	-14.08	-17.44	-24.58	-18.09	-13.91	-11.62	-10.38	-9.75	-9.70	-10.31	-11.70	-14.14	-18.23	-22.42	-18.85	-14.41	-11.32	-9.27	-7.95	-7.04		

Ant.	No.2																								
Freq. (MHz)	2500																								
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°)	-9.67	-12.91	-20.44	-24.29	-14.54	-9.85	-7.31	-5.87	-5.23	-5.38	-6.30	-8.06	-11.02	-16.35	-32.43	-18.40	-12.15	-8.85	-6.90	-5.72	-5.16	-5.08	-5.61	-6.90	-9.67
θ (15°)	-4.45	-6.31	-9.14	-13.41	-17.45	-13.59	-9.82	-7.83	-7.18	-7.76	-9.64	-13.23	-17.99	-15.36	-10.71	-7.64	-5.46	-3.91	-2.88	-2.30	-2.11	-2.20	-2.53	-3.06	-4.45
θ (30°)	-2.19	-2.97	-4.53	-6.99	-10.39	-12.52	-11.30	-9.84	-9.47	-10.21	-11.70	-11.87	-9.54	-7.00	-5.11	-3.62	-2.33	-1.26	-0.48	0.02	0.18	0.00	-0.51	-1.18	-2.19
θ (45°)	-0.93	-1.79	-3.51	-6.48	-11.28	-20.77	-22.72	-17.45	-17.89	-20.65	-16.12	-11.13	-8.39	-6.73	-5.12	-3.29	-1.70	-0.58	0.19	0.67	0.85	0.64	0.14	-0.32	-0.93
θ (60°)	-1.32	-2.13	-3.83	-6.69	-10.48	-11.82	-10.16	-9.07	-9.01	-8.74	-7.28	-5.98	-5.98	-6.98	-6.58	-4.11	-1.77	-0.16	0.86	1.36	1.32	0.81	0.07	-0.59	-1.32
θ (75°)	-0.53	-1.52	-3.63	-7.69	-12.02	-9.74	-7.18	-6.13	-6.18	-6.82	-7.32	-7.00	-5.79	-3.90	-1.85	-0.06	1.35	2.34	2.94	3.27	3.29	2.89	1.91	0.76	-0.53
θ (90°)	-0.40	-0.95	-1.63	-3.01	-5.64	-9.56	-12.88	-14.02	-14.33	-12.31	-8.12	-4.79	-2.61	-0.94	0.81	2.42	3.48	[3.89]	3.84	3.53	3.06	2.43	1.62	0.71	-0.40
θ (105°)	-0.47	-0.45	-0.83	-2.43	-5.18	-9.78	-14.04	-13.97	-9.93	-6.35	-4.11	-3.13	-2.96	-2.61	-1.29	0.54	1.98	2.74	2.87	2.61	2.25	1.84	1.14	0.29	-0.47
θ (120°)	0.41	-0.01	-1.27	-3.68	-7.35	-12.02	-18.97	-26.61	-12.92	-7.65	-5.24	-4.63	-4.92	-4.89	-3.82	-1.86	0.20	1.72	2.52	2.69	2.41	1.83	1.14	0.67	0.41
θ (135°)	-1.96	-3.27	-5.03	-7.34	-9.81	-13.04	-17.02	-21.60	-17.76	-12.73	-9.53	-7.30	-5.69	-4.53	-3.66	-2.79	-1.69	-0.54	0.41	1.00	1.17	0.88	0.14	-0.67	-1.96
θ (150°)	-9.10	-11.59	-15.44	-20.53	-26.36	-27.14	-29.45	-27.43	-18.36	-13.42	-10.13	-7.73	-5.85	-4.33	-3.10	-2.24	-1.70	-1.40	-1.26	-1.38	-1.78	-2.59	-3.93	-5.88	-9.10
θ (165°)	-12.77	-13.57	-13.63	-12.91	-12.14	-11.62	-11.54	-11.85	-12.33	-12.77	-12.89	-12.58	-12.16	-11.84	-11.64	-11.36	-10.96	-10.44	-9.99	-9.69	-9.66	-10.03	-10.69	-11.41	-12.77
θ (180°)	-18.26	-14.21	-11.14	-9.25	-8.20	-7.80	-6.83	-7.51	-10.27	-12.58	-16.37	-21.72	-20.63	-15.23	-11.75	-9.71	-8.62	-8.31	-8.77	-10.14	-12.42	-15.98	-22.53	-29.74	-18.26
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°)	-7.61	-6.76	-6.22	-6.20	-6.77	-8.21	-10.84	-15.88	-29.64	-17.28	-11.42	-8.45	-6.72	-5.76	-5.42	-5.66	-6.52	-8.19	-11.09	-16.56	-34.94	-18.41	-12.33	-9.38	-7.61
θ (15°)	-6.37	-5.40	-4.84	-4.77	-5.38	-6.91	-9.75	-15.28	-27.08	-14.81	-9.65	-7.11	-5.91	-5.62	-5.98	-6.83	-8.09	-9.93	-12.98	-19.04	-25.83	-15.16	-10.56	-8.47	-6.37
θ (30°)	-6.39	-5.64	-4.83	-4.27	-4.36	-5.38	-7.65	-11.88	-18.26	-14.33	-9.58	-7.29	-6.61	-7.13	-8.16	-8.85	-9.19	-9.88	-11.69	-15.79	-26.41	-18.02	-11.53	-8.39	-6.39
θ (45°)	-7.30	-5.59	-4.38	[-3.91]	-4.28	-5.82	-8.98	-14.91	-16.39	-9.99	-6.92	-5.99	-6.89	-9.16	-10.51	-9.86	-9.34	-10.04	-12.13	-16.41	-22.23	-16.26	-11.76	-9.73	-7.30
θ (60°)	-9.01	-7.08	-5.89	-5.49	-5.52	-6.21	-8.56	-15.05	-20.33	-9.08	-5.50	-5.24	-8.17	-15.01	-12.98	-9.47	-9.50	-11.98	-16.81	-24.92	-24.20	-20.70	-19.23	-14.55	-9.01
θ (75°)	-13.40	-9.15	-8.14	-8.57	-9.12	-10.07	-12.56	-14.17	-10.47	-7.59	-7.26	-10.29	-20.85	-13.71	-9.25	-9.18	-11.80	-16.23	-20.90	-26.43	-30.50	-23.99	-25.45	-28.30	-13.40
θ (90°)	-17.17	-14.51	-13.35	-16.81	-26.32	-17.81	-12.52	-9.36	-7.57	-7.38	-9.55	-17.18	-18.24	-9.07	-6.51	-6.87	-9.00	-11.30	-12.10	-13.35	-18.23	-34.92	-18.24	-16.68	-17.17
θ (105°)	-16.75	-18.77	-14.18	-12.85	-12.99	-13.02	-11.10	-9.21	-8.42	-9.37	-13.15	-21.29	-12.81	-8.42	-7.71	-9.79	-13.97	-14.89	-12.92	-12.29	-12.21	-11.70	-11.11	-11.99	-16.75
θ (120°)	-13.92	-24.67	-16.56	-11.10	-10.10	-11.10	-12.89	-14.14	-15.14	-17.60	-23.28	-19.82	-14.41	-12.17	-12.31	-14.95	-21.55	-28.26	-20.92	-21.91	-26.61	-15.22	-10.51	-9.56	-13.92
θ (135°)	-12.33	-13.87	-12.27	-11.17	-11.49	-14.14	-17.35	-18.21	-17.00	-15.79	-14.22	-12.19	-10.74	-10.55	-11.93	-15.17	-20.94	-26.30	-21.04	-16.11	-12.28	-9.87	-8.93	-9.45	-12.33
θ (150°)	-7.35	-7.98	-9.08	-10.69	-13.14	-17.10	-23.96	-21.34	-16.37	-13.34	-11.15	-9.55	-8.50	-8.15	-8.81	-10.75	-14.82	-24.51	-23.23	-14.71	-10.66	-8.31	-7.15	-6.92	-7.35
θ (165°)	-14.74	-13.92	-14.54	-16.95	-22.92	-29.98	-19.19	-14.82	-12.76	-11.88	-11.91	-12.65	-13.96	-15.89	-18.42	-21.62	-25.64	-31.14	-39.92	-34.72	-29.59	-24.83	-20.38	-17.34	-14.74
θ (180°)	-6.97	-7.46	-8.66	-10.75	-14.42	-22.45	-34.95	-17.19	-12.78	-10.70	-9.66	-9.26	-9.40	-10.08	-11.55	-14.08	-18.67	-26.92	-20.76	-14.74	-11.30	-9.12	-7.79	-7.13	-6.97

Ant.	No.3																								
Freq. (MHz)	2400																								
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°)	-7.56	-6.37	-5.54	-5.37	-5.87	-7.18	-9.20	-12.36	-17.21	-19.39	-14.13	-10.51	-8.38	-7.15	-6.61	-6.48	-7.12	-8.35	-10.34	-13.68	-18.51	-19.57	-13.94	-10.14	-7.56
θ (15°)	-4.18	-3.62	-3.38	-3.46	-3.90	-4.70	-5.99	-7.90	-10.78	-15.22	-20.77	-18.90	-15.12	-13.13	-12.19	-11.85	-12.18	-13.10	-15.32	-14.74	-11.84	-8.78	-6.54	-5.15	-4.18
θ (30°)	-2.46	-2.59	-2.71	-2.67	-2.63	-2.83	-3.27	-4.09	-5.36	-7.00	-8.72	-10.22	-11.85	-14.58	-20.50	-26.94	-18.54	-16.26	-15.76	-14.01	-9.65	-5.91	-3.58	-2.54	-2.46
θ (45°)	-2.09	-1.84	-1.34	-0.78	-0.51	-0.66	-1.19	-2.21	-3.64	-4.98	-5.52	-5.47	-5.90	-7.41	-10.40	-15.04	-18.51	-17.74	-18.16	-18.35	-12.76	-7.61	-4.35	-2.89	-2.09
θ (60°)	-1.98	-0.90	-0.03	0.47	0.78	0.71	0.38	-0.24	-1.21	-2.41	-3.56	-4.45	-4.88	-5.19	-5.88	-7.84	-10.77	-11.50	-11.04	-10.49	-9.91	-8.99	-7.15	-4.61	-1.98
θ (75°)	-1.33	0.19	1.31	1.93	2.13	2.00	1.69	1.27	0.62	-0.52	-2.15	-3.47	-4.06	-5.10	-7.38	-10.30	-11.63	-11.60	-11.62	-10.18	-7.54	-5.58	-4.26	-3.15	-1.33
θ (90°)	-2.11	-1.30	0.20	1.32	1.96	[2.26]	2.26	2.01	1.68	1.22	0.37	-1.21	-3.05	-4.51	-5.91	-8.69	-13.45	-21.05	-21.20	-11.92	-6.12	-2.76	-1.39	-1.52	-2.11
θ (105°)	-1.13	-1.09	-0.47	0.35	1.07	1.54	1.67	1.48	1.09	0.58	-0.28	-1.71	-3.17	-4.04	-5.07	-7.18	-10.77	-14.89	-14.63	-10.00	-5.64	-2.67	-1.19	-0.91	-1.13
θ (120°)	-0.76	-0.82	-0.82	-0.77	-0.73	-0.61	-0.38	-0.15	-0.07	-0.48	-1.70	-3.49	-4.82	-5.23	-6.23	-9.18	-14.36	-19.08	-15.44	-11.65	-8.04	-4.67	-2.22	-0.99	-0.76
θ (135°)	-2.43	-2.45	-2.31	-1.86	-1.30	-0.96	-0.94	-1.22	-1.93	-2.98	-4.08	-4.63	-5.08	-6.23	-8.53	-12.81	-18.76	-16.24	-12.42	-10.25	-8.34	-6.00	-3.88	-2.76	-2.43
θ (150°)	-6.67	-5.67	-4.52	-3.57	-2.76	-2.06	-1.63	-1.51	-1.72	-2.30	-3.24	-4.40	-5.37	-6.00	-6.85	-8.52	-11.09	-14.07	-15.74	-15.39	-14.04	-12.27	-10.34	-8.56	-6.67
θ (165°)	-7.33	-7.37	-7.60	-7.89	-8.06	-7.98	-7.86	-7.90	-8.37	-9.24	-10.65	-12.41	-14.31	-16.23	-15.74	-13.36	-11.01	-9.42	-8.48	-8.15	-8.16	-8.13	-7.95	-7.74	-7.33
θ (180°)	-12.03	-11.01	-9.76	-8.67	-7.92	-7.40	-7.38	-7.85	-8.91	-10.54	-12.53	-13.62	-12.39	-10.69	-9.49	-8.66	-8.24	-8.22	-8.54	-9.18	-10.08	-11.00	-11.86	-12.42	-12.03
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°)	-10.88	-13.87	-19.79	-20.26	-14.08	-10.31	-8.14	-6.97	-6.55	-6.75	-7.60	-9.18	-11.79	-16.01	-22.78	-18.89	-12.92	-9.50	-7.38	-6.21	-5.81	-6.03	-6.83	-8.19	-10.88
θ (15°)	-12.39	-16.91	-25.29	-22.53	-15.43	-11.71	-9.53	-8.32	-7.83	-7.99	-8.79	-10.33	-12.73	-15.00	-14.60	-12.09	-9.50	-7.50	-6.11	-5.37	-5.29	-5.87	-7.15	-8.91	-12.39
θ (30°)	-11.89	-13.79	-15.21	-17.10	-17.48	-14.54	-11.79	-10.06	-9.22	-9.06	-9.31	-9.45	-8.90	-8.00	-7.48	-7.63	-7.93	-7.29	-5.88	-4.39	[-3.64]	-3.88	-5.31	-7.95	-11.89
θ (45°)	-10.33	-12.30	-13.57	-16.58	-19.80	-15.55	-12.10	-10.34	-9.73	-9.81	-9.79	-8.72	-7.20	-6.09	-6.71	-8.67	-11.68	-11.79	-8.38	-5.60	-4.05	-3.72	-4.73	-6.58	-10.33
θ (60°)	-9.08	-12.98	-17.48	-17.58	-20.08	-20.66	-16.59	-13.36	-12.44	-13.24	-14.00	-11.18	-8.27	-6.68	-6.90	-8.84	-13.55	-28.27	-14.04	-9.11	-6.97	-5.79	-5.25	-5.86	-9.08
θ (75°)	-8.95	-14.06	-23.08	-32.59	-27.17	-28.81	-23.02	-16.37	-13.36	-13.78	-20.36	-17.28	-9.22	-6.35	-5.57	-7.09	-9.20	-10.27	-10.78	-13.05	-16.66	-11.49	-7.49	-6.64	-8.95
θ (90°)	-10.17	-10.62	-12.87	-18.08	-19.45	-15.99	-14.60	-12.16	-8.81	-6.79	-6.48	-7.88	-10.62	-12.50	-10.82	-7.36	-6.34	-6.21	-6.86	-8.56	-12.18	-16.34	-13.17	-10.94	-10.17
θ (105°)	-15.95	-11.14	-10.50	-12.54	-15.09	-14.69	-13.59	-12.06	-9.28	-6.69	-5.55	-6.41	-10.28	-33.72	-12.24	-7.39	-6.02	-6.34	-7.46	-8.61	-9.06	-9.29	-11.17	-15.69	-15.95
θ (120°)	-15.84	-10.60	-8.57	-9.43	-11.75	-12.86	-12.49	-11.62	-10.85	-10.25	-10.14	-11.17	-14.22	-18.65	-15.04	-12.13	-11.02	-10.78	-10.23	-8.92	-7.58	-7.22	-8.87	-14.52	-15.84
θ (135°)	-12.19	-9.06	-7.64	-7.97	-9.76	-13.01	-16.39	-17.17	-15.86	-14.58	-13.29	-12.27	-11.81	-12.30	-12.65	-13.15	-14.03	-15.86	-16.60	-13.82	-11.15	-10.20	-11.22	-13.25	-12.19
θ (150°)	-9.41	-8.85	-8.80	-9.62	-11.31	-14.02	-17.84	-21.66	-18.29	-13.61	-10.71	-9.42	-9.39	-10.60	-12.73	-13.12	-13.38	-14.67	-18.04	-22.11	-18.44	-14.54	-12.28	-10.87	-9.41
θ (165°)	-12.38	-14.95	-17.27	-18.70	-18.91	-19.34	-19.66	-18.84	-16.83	-14.94	-13.69	-12.94	-12.22	-11.57	-10.49	-10.02	-10.48	-11.81	-13.27	-13.05	-11.57	-10.54	-10.48	-11.14	-12.38
θ (180°)	-8.33	-8.75	-9.53	-10.83	-12.48	-14.10	-13.53	-11.27	-9.29	-7.96	-7.20	-6.89	-6.80	-7.98	-8.71	-9.74	-11.07	-12.23	-12.59	-11.85	-10.70	-9.74	-9.20	-8.93	-8.33

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°)	-7.10	-6.15	-5.53	-5.47	-6.00	-7.38	-9.63	-13.36	-19.52	-18.99	-13.08	-9.66	-7.67	-6.59	-6.15	-6.12	-6.72	-8.05	-10.44	-14.32	-21.46	-19.04	-12.88	-9.68	-7.10
θ (15°)	-4.80	-4.26	-4.04	-4.09	-4.54	-5.35	-6.65	-8.57	-11.57	-16.19	-22.20	-18.37	-14.31	-12.39	-11.74	-11.87	-12.85	-14.69	-18.13	-17.34	-12.71	-9.28	-6.98	-5.78	-4.80
θ (30°)	-3.37	-3.40	-3.09	-2.64	-2.49	-2.88	-3.66	-4.72	-5.94	-7.35	-8.92	-10.39	-11.94	-14.34	-19.39	-27.80	-19.82	-17.52	-16.40	-13.78	-9.54	-6.25	-4.37	-3.66	-3.37
θ (45°)	-2.85	-2.43	-1.54	-0.73	-0.46	-0.72	-1.39	-2.35	-3.44	-4.38	-5.25	-5.80	-7.28	-10.04	-13.98	-15.74	-13.65	-13.23	-16.07	-22.19	-12.99	-7.33	-4.40	-3.31	-2.85
θ (60°)	-1.25	-0.36	0.38	0.91	1.20	1.01	0.50	-0.17	-0.84	-1.47	-2.33	-3.60	-5.16	-6.25	-6.67	-7.17	-7.81	-8.16	-8.86	-10.50	-12.28	-10.48	-6.57	-3.54	-1.25
θ (75°)	-0.05	1.23	1.94	2.30	2.36	2.29	2.13	1.89	1.39	0.30	-1.49	-3.16	-3.62	-3.97	-6.03	-8.03	-9.02	-9.20	-9.58	-9.55	-8.61	-6.84	-4.31	-2.24	-0.05
θ (90°)	-1.41	-0.29	1.21	2.22	2.86	3.28	[3.43]	3.22	2.65	1.79	0.74	-0.51	-2.02	-3.33	-4.61	-7.05	-10.79	-15.04	-14.98	-10.06	-5.65	-2.76	-1.49	-1.48	-1.41
θ (105°)	-1.57	-1.68	-0.36	0.91	1.81	2.37	2.62	2.61	2.36	1.85	0.85	-1.04	-3.33	-4.24	-4.86	-6.77	-10.57	-15.40	-14.04	-8.43	-4.08	-1.40	-0.32	-0.49	-1.57
θ (120°)	-0.70	-1.06	-1.02	-0.56	-0.02	0.46	0.79	1.07	1.23	0.92	-0.38	-2.88	-5.59	-6.11	-6.91	-9.48	-16.79	-21.49	-13.07	-8.88	-5.52	-2.66	-0.85	-0.29	-0.70
θ (135°)	-2.34	-2.11	-1.71	-0.97	-0.22	0.24	0.32	0.05	-0.70	-2.07	-3.89	-5.63	-6.58	-7.82	-9.77	-13.96	-19.31	-14.73	-11.09	-9.04	-7.17	-5.03	-3.17	-2.22	-2.34
θ (150°)	-6.47	-5.15	-3.78	-2.64	-1.84	-1.29	-1.13	-1.22	-1.63	-2.39	-3.52	-4.95	-6.43	-7.48	-7.24	-8.92	-11.99	-17.17	-21.92	-18.31	-15.23	-12.66	-10.15	-7.89	-6.47
θ (165°)	-9.10	-9.00	-9.06	-8.99	-8.74	-8.59	-8.66	-9.06	-9.92	-11.26	-13.21	-15.77	-18.66	-21.45	-19.95	-15.13	-11.26	-8.75	-7.31	-6.72	-6.80	-7.15	-7.25	-6.99	-9.10
θ (180°)	-12.48	-12.27	-11.76	-10.96	-10.10	-9.45	-9.02	-8.82	-8.99	-9.60	-10.43	-11.03	-11.42	-8.86	-8.36	-7.94	-7.69	-7.57	-7.68	-8.11	-8.81	-9.63	-10.14	-10.11	-12.48
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°)	-11.26	-14.80	-22.16	-19.02	-12.82	-9.51	-7.52	-6.38	-5.96	-6.18	-7.03	-8.56	-11.06	-14.99	-20.72	-18.20	-12.56	-9.30	-7.42	-6.03	-5.61	-5.76	-6.49	-8.17	-11.26
θ (15°)	-11.44	-14.99	-20.82	-21.92	-15.01	-10.93	-8.53	-7.14	-6.58	-6.73	-7.57	-9.14	-11.61	-14.63	-16.01	-13.71	-10.60	-8.21	-6.20	-5.22	-5.09	-5.59	-7.18	-8.73	-11.44
θ (30°)	-11.13	-12.10	-13.48	-16.13	-18.00	-14.90	-11.54	-9.63	-9.00	-9.42	-10.38	-10.96	-10.33	-9.20	-8.48	-8.45	-8.52	-7.14	-5.75	-4.46	-3.89	-4.31	-5.77	-8.06	-11.13
θ (45°)	-11.12	-12.24	-13.18	-16.20	-19.57	-14.76	-11.30	-9.91	-10.30	-12.10	-12.21	-8.65	-6.26	-4.97	-5.23	-7.10	-10.16	-10.80	-7.75	-5.18	-3.84	[-3.73]	-5.00	-7.09	-11.12
θ (60°)	-11.98	-17.40	-16.41	-15.43	-19.97	-21.64	-14.63	-11.16	-10.40	-12.80	-19.74	-12.93	-7.48	-5.29	-5.50	-7.92	-14.00	-33.07	-14.62	-9.66	-7.16	-5.72	-5.38	-6.76	-11.98
θ (75°)	-11.27	-16.70	-21.98	-33.18	-23.88	-19.93	-18.22	-15.06	-12.03	-11.40	-14.95	-18.68	-10.03	-6.48	-5.40	-6.52	-8.66	-10.40	-12.26	-16.61	-17.48	-10.53	-7.74	-7.98	-11.27
θ (90°)	-11.74	-10.66	-11.55	-16.88	-20.61	-15.06	-13.55	-12.66	-9.61	-7.26	-6.74	-8.61	-13.24	-14.99	-10.10	-7.76	-7.16	-7.27	-7.90	-9.67	-12.70	-13.19	-11.18	-11.63	-11.74
θ (105°)	-14.86	-8.89	-8.09	-10.35	-14.20	-15.25	-14.35	-12.61	-9.63	-7.08	-6.15	-7.31	-11.58	-26.89	-13.81	-8.88	-7.44	-7.55	-8.30	-8.49	-7.63	-7.06	-8.48	-12.91	-14.86
θ (120°)	-13.39	-9.13	-7.62	-8.87	-11.83	-14.29	-14.75	-14.21	-13.08	-11.66	-10.76	-11.03	-12.72	-15.37	-15.76	-12.78	-11.96	-12.01	-11.42	-9.32	-7.23	-6.44	-7.90	-12.87	-13.39
θ (135°)	-11.29	-8.90	-7.83	-8.31	-10.16	-13.54	-17.83	-20.59	-18.97	-15.99	-12.94	-10.89	-9.79	-10.60	-10.95	-11.33	-11.90	-13.61	-15.85	-14.29	-11.21	-9.71	-9.96	-11.11	-11.29
θ (150°)	-8.70	-8.41	-8.48	-9.03	-10.24	-12.27	-15.02	-18.44	-21.22	-18.17	-13.83	-11.36	-10.43	-10.64	-11.96	-12.53	-12.72	-13.54	-15.52	-18.69	-18.41	-14.48	-11.51	-9.59	-8.70
θ (165°)	-15.29	-18.03	-21.13	-23.15	-22.43	-22.12	-22.00	-21.64	-19.93	-17.52	-15.26	-13.60	-12.19	-10.72	-9.53	-8.95	-9.17	-10.13	-11.33	-11.59	-10.78	-9.99	-9.94	-10.56	-15.29
θ (180°)	-9.20	-9.21	-9.42	-9.82	-10.64	-11.85	-12.59	-12.01	-10.44	-9.03	-8.14	-7.77	-7.80	-7.33	-7.84	-8.36	-8.90	-9.34	-9.57	-9.51	-9.22	-8.87	-8.62	-8.59	-9.20

Ant.	No.3																								
Freq. (MHz)	2500																								
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°)	-7.27	-6.59	-6.31	-6.63	-7.49	-9.23	-12.00	-16.94	-27.83	-19.65	-13.39	-10.07	-8.06	-7.00	-6.62	-6.76	-7.65	-9.40	-12.39	-18.11	-31.46	-18.17	-12.60	-9.24	-7.27
θ (15°)	-5.50	-5.04	-4.76	-4.76	-5.20	-6.13	-7.64	-9.86	-13.11	-18.25	-26.93	-19.14	-13.99	-11.56	-10.76	-11.14	-12.72	-15.77	-18.90	-17.83	-13.28	-10.01	-7.58	-6.46	-5.50
θ (30°)	-3.89	-3.42	-2.73	-2.30	-2.37	-3.14	-4.42	-6.18	-8.09	-9.53	-10.58	-11.95	-14.26	-17.89	-22.34	-20.19	-16.36	-15.24	-15.71	-14.65	-10.83	-7.55	-5.55	-4.57	-3.89
θ (45°)	-2.56	-1.48	-0.39	0.17	0.09	-0.53	-1.52	-2.82	-4.30	-5.33	-5.37	-5.45	-6.56	-9.60	-16.11	-27.16	-17.45	-15.76	-19.44	-28.65	-13.26	-7.66	-4.81	-3.63	-2.56
θ (60°)	-1.22	-0.35	0.60	1.33	1.67	1.37	0.69	-0.21	-1.18	-1.94	-2.50	-3.14	-4.75	-6.96	-8.40	-8.56	-8.25	-8.73	-9.76	-11.42	-12.01	-10.15	-6.74	-3.68	-1.22
θ (75°)	0.07	1.12	1.95	2.47	2.62	2.39	1.92	1.51	1.30	0.82	-0.61	-2.95	-4.74	-5.11	-5.84	-7.45	-8.33	-8.61	-9.24	-9.76	-8.59	-6.02	-3.64	-2.12	0.07
θ (90°)	-1.46	-0.05	1.51	2.46	3.01	3.31	[3.40]	3.27	2.89	2.32	1.25	-0.37	-2.43	-3.92	-4.75	-6.32	-9.16	-12.77	-13.09	-8.60	-4.46	-1.91	-1.13	-1.77	-1.46
θ (105°)	-2.67	-1.62	0.15	1.33	2.05	2.45	2.62	2.56	2.27	1.85	1.17	-0.23	-2.42	-4.62	-5.18	-6.68	-9.63	-12.20	-10.90	-7.20	-3.88	-1.68	-0.87	-1.23	-2.67
θ (120°)	-2.05	-2.55	-2.00	-1.02	-0.35	0.07	0.30	0.52	0.77	0.82	0.17	-1.66	-4.54	-6.60	-6.19	-8.01	-11.77	-13.69	-10.99	-8.07	-5.35	-3.08	-1.80	-1.73	-2.05
θ (135°)	-2.56	-2.97	-2.56	-1.62	-0.76	-0.21	0.06	0.07	-0.31	-1.22	-2.78	-4.82	-6.84	-6.95	-8.01	-10.25	-13.91	-15.26	-12.10	-9.23	-6.87	-4.86	-3.59	-3.34	-2.56
θ (150°)	-4.93	-4.00	-2.92	-2.01	-1.30	-0.84	-0.71	-0.84	-1.23	-1.95	-3.13	-4.65	-6.23	-7.51	-7.01	-8.35	-11.17	-16.08	-21.49	-18.07	-14.46	-11.81	-9.58	-7.73	-4.93
θ (165°)	-7.86	-7.63	-7.44	-7.22	-6.85	-6.50	-6.34	-6.51	-7.24	-8.64	-10.80	-13.69	-17.18	-18.46	-17.34	-14.26	-11.27	-9.19	-7.92	-7.40	-7.42	-7.65	-7.86	-7.85	-7.86
θ (180°)	-10.49	-9.65	-8.76	-8.11	-7.91	-8.11	-8.74	-9.62	-10.42	-10.95	-11.08	-10.50	-9.55	-7.80	-7.18	-7.01	-7.19	-7.67	-8.33	-9.16	-10.07	-11.09	-11.70	-11.42	-10.49
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°)	-14.27	-18.84	-38.55	-19.15	-12.85	-9.59	-7.67	-6.70	-6.51	-6.99	-8.20	-10.31	-13.87	-20.56	-24.64	-16.21	-11.99	-9.55	-8.05	-7.63	-7.46	-7.80	-8.77	-10.21	-14.27
θ (15°)	-12.45	-15.15	-18.19	-18.55	-14.88	-11.36	-8.91	-7.41	-6.71	-6.79	-7.61	-9.21	-11.72	-14.77	-15.16	-12.24	-9.42	-7.55	-6.45	-6.25	-6.44	-7.26	-8.28	-9.71	-12.45
θ (30°)	-10.50	-10.78	-12.02	-15.35	-20.49	-16.86	-12.30	-9.76	-8.52	-8.34	-9.15	-10.82	-11.98	-11.06	-9.42	-8.32	-7.59	-6.42	-5.11	-4.02	-3.67	-4.32	-6.12	-8.68	-10.50
θ (45°)	-10.02	-9.90	-11.07	-15.18	-22.50	-14.86	-10.56	-8.68	-8.65	-10.37	-12.72	-10.62	-7.37	-5.69	-5.42	-6.73	-8.96	-9.46	-7.12	-4.83	[-3.60]	-3.70	-5.31	-7.60	-10.02
θ (60°)	-12.80	-13.69	-12.09	-13.22	-19.24	-24.92	-14.54	-10.58	-9.52	-11.41	-17.49	-13.52	-7.62	-5.07	-4.93	-6.85	-14.09	-33.15	-13.76	-8.72	-6.30	-5.14	-5.26	-7.25	-12.80
θ (75°)	-14.47	-23.47	-24.12	-39.48	-23.37	-17.44	-14.81	-12.87	-11.28	-11.46	-15.55	-17.47	-8.89	-5.39	-5.52	-7.02	-9.78	-12.40	-13.74	-15.42	-14.51	-10.26	-8.07	-8.57	-14.47
θ (90°)	-13.47	-11.78	-12.58	-18.14	-17.51	-12.89	-11.43	-10.76	-9.14	-7.28	-6.83	-8.70	-13.21	-15.02	-10.47	-8.52	-7.62	-7.58	-8.30	-10.06	-12.66	-12.59	-10.93	-11.92	-13.47
θ (105°)	-14.78	-8.26	-7.34	-9.61	-13.59	-14.00	-12.42	-11.81	-10.08	-7.57	-6.38	-7.47	-11.99	-30.15	-13.18	-8.15	-6.62	-6.94	-8.10	-8.36	-7.10	-6.26	-7.59	-11.99	-14.78
θ (120°)	-13.07	-9.12	-7.58	-8.66	-11.23	-12.48	-11.91	-11.55	-11.56	-11.48	-11.58	-12.75	-15.83	-18.79	-14.54	-12.04	-10.87	-10.89	-10.73	-9.16	-7.36	-6.79	-8.54	-14.58	-13.07
θ (135°)	-10.42	-8.50	-7.52	-8.06	-10.01	-13.58	-18.30	-22.04	-21.63	-19.27	-16.36	-14.24	-13.14	-11.57	-12.33	-12.88	-13.34	-14.53	-16.14	-15.25	-12.47	-10.85	-11.14	-12.19	-10.42
θ (150°)	-8.44	-8.17	-8.12	-8.50	-9.62	-11.73	-14.72	-17.23	-16.49	-14.29	-12.28	-10.93	-10.56	-11.08	-10.34	-10.93	-11.05	-11.46	-12.54	-13.73	-13.28	-11.54	-9.97	-8.95	-8.44
θ (165°)	-13.96	-17.32	-19.96	-19.22	-17.65	-18.15	-19.99	-21.93	-21.73	-19.26	-16.68	-14.68	-13.19	-12.06	-11.25	-10.97	-11.25	-11.88	-12.29	-11.86	-10.90	-10.22	-10.34	-11.27	-13.96
θ (180°)	-9.79	-10.29	-10.83	-11.09	-10.97	-10.71	-10.34	-9.68	-8.75	-7.82	-7.15	-6.86	-7.08	-7.56	-8.58	-9.52	-9.91	-9.72	-9.28	-8.79	-8.34	-7.98	-7.87	-8.05	-9.79

Ant.	No.4																								
Freq. (MHz)	2400																								
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°)	-8.62	-7.10	-5.99	-5.53	-5.69	-6.26	-7.27	-8.91	-11.40	-14.49	-15.13	-12.87	-9.86	-7.74	-6.33	-5.63	-5.48	-5.97	-7.13	-9.18	-12.36	-16.64	-16.37	-12.14	-8.62
θ (15°)	-3.06	-2.55	-2.37	-2.41	-2.73	-3.16	-3.76	-5.07	-6.59	-8.78	-11.67	-16.56	-24.47	-17.68	-12.37	-9.52	-8.21	-8.08	-8.95	-10.43	-10.66	-8.42	-5.89	-4.25	-3.06
θ (30°)	-0.03	0.17	0.16	0.04	-0.11	-0.39	-0.72	-1.20	-1.87	-2.60	-3.75	-5.42	-8.04	-12.31	-21.32	-19.84	-13.76	-12.22	-13.02	-13.41	-9.80	-5.98	-2.81	-0.96	-0.03
θ (45°)	0.56	0.89	1.09	1.22	1.25	1.19	1.03	0.88	0.70	0.27	-0.63	-1.99	-3.60	-5.40	-7.89	-11.93	-17.75	-26.69	-21.44	-12.90	-7.59	-3.87	-1.50	-0.32	0.56
θ (60°)	-0.24	-0.10	0.22	0.75	1.34	1.77	[2.05]	2.05	1.91	1.49	0.84	0.23	-0.24	-1.13	-3.02	-6.31	-10.84	-13.45	-13.84	-12.21	-8.73	-5.13	-2.43	-0.92	-0.24
θ (75°)	-1.89	-0.75	0.02	0.66	1.17	1.60	1.75	1.61	1.10	0.28	-0.53	-1.04	-1.59	-2.86	-5.16	-8.37	-11.90	-13.98	-13.83	-12.26	-10.29	-8.34	-6.03	-4.17	-1.89
θ (90°)	-3.56	-1.86	-0.24	0.67	0.93	0.97	0.92	0.84	0.44	-0.45	-1.80	-3.22	-4.54	-6.70	-10.53	-14.69	-13.89	-12.43	-11.45	-10.23	-8.95	-8.08	-7.47	-5.99	-3.56
θ (105°)	-2.39	-1.07	0.19	1.03	1.38	1.41	1.27	0.90	0.20	-1.03	-2.96	-5.42	-8.12	-11.17	-13.28	-12.95	-12.34	-12.80	-14.13	-12.91	-9.26	-7.05	-4.89	-3.65	-2.39
θ (120°)	-1.20	-0.62	0.16	0.67	0.80	0.86	0.72	0.59	0.18	-0.52	-1.90	-3.95	-6.41	-8.80	-11.85	-17.38	-34.05	-25.74	-18.54	-12.35	-7.44	-4.04	-2.07	-1.81	-1.20
θ (135°)	-1.84	-1.57	-1.28	-0.90	-0.41	-0.40	-0.60	-1.12	-1.85	-2.70	-3.68	-4.94	-6.73	-9.36	-12.97	-18.93	-30.25	-23.76	-17.03	-12.39	-8.58	-5.70	-3.72	-2.68	-1.84
θ (150°)	-4.54	-3.51	-2.58	-2.03	-1.66	-1.56	-1.66	-2.00	-2.26	-2.64	-3.19	-4.17	-5.71	-7.84	-10.38	-12.70	-15.89	-18.84	-22.96	-30.48	-21.86	-14.74	-10.23	-7.40	-4.54
θ (165°)	-7.05	-7.30	-7.95	-8.86	-9.85	-10.74	-11.00	-11.04	-11.11	-11.40	-12.21	-13.93	-16.79	-18.43	-14.74	-11.89	-10.06	-9.09	-8.83	-8.87	-8.86	-8.40	-8.07	-7.57	-7.05
θ (180°)	-10.93	-9.85	-8.40	-7.14	-6.71	-6.28	-6.27	-6.72	-7.45	-8.56	-9.71	-10.27	-9.87	-8.78	-7.79	-6.42	-6.15	-6.18	-6.49	-7.12	-7.96	-9.01	-10.28	-11.17	-10.93
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°)	-8.35	-10.48	-14.46	-18.77	-15.77	-11.63	-9.19	-7.99	-7.61	-7.71	-8.13	-8.75	-9.79	-11.74	-14.65	-16.52	-14.08	-10.72	-8.22	-6.56	-5.64	-5.35	-5.62	-6.50	-8.35
θ (15°)	-10.65	-15.48	-25.58	-23.95	-15.62	-11.75	-9.47	-8.66	-8.32	-8.35	-8.11	-7.73	-7.54	-7.91	-8.97	-10.47	-10.66	-8.78	-6.60	-5.06	-4.38	-4.52	-5.54	-7.04	-10.65
θ (30°)	-11.57	-15.76	-24.88	-26.72	-16.28	-11.98	-9.89	-8.85	-8.52	-7.81	-6.92	-5.77	-4.96	-4.75	-5.42	-7.10	-9.56	-10.33	-8.22	-5.95	-4.62	[-4.02]	-4.96	-7.08	-11.57
θ (45°)	-10.76	-13.99	-22.10	-24.56	-15.19	-11.87	-10.38	-9.87	-9.48	-8.82	-7.70	-6.62	-5.98	-5.93	-6.65	-8.68	-12.37	-13.99	-10.38	-7.49	-6.29	-6.42	-7.53	-8.76	-10.76
θ (60°)	-10.49	-11.88	-17.16	-26.17	-17.62	-14.07	-12.55	-12.15	-12.86	-14.78	-13.53	-9.37	-6.62	-5.71	-6.45	-9.33	-16.50	-24.97	-13.05	-9.57	-8.59	-9.30	-12.05	-11.84	-10.49
θ (75°)	-13.12	-13.64	-18.87	-17.84	-13.49	-11.77	-11.46	-12.56	-15.87	-16.73	-10.77	-7.30	-6.58	-8.35	-13.18	-17.56	-12.84	-9.95	-8.73	-8.27	-10.71	-18.42	-24.23	-13.12	
θ (90°)	-17.99	-15.16	-17.55	-35.92	-16.69	-12.01	-10.71	-11.52	-12.54	-10.90	-7.59	-6.08	-7.37	-13.86	-20.42	-9.56	-6.99	-6.65	-7.29	-7.66	-7.47	-7.85	-10.43	-17.83	-17.99
θ (105°)	-25.33	-18.47	-15.79	-18.20	-23.40	-19.72	-15.25	-12.24	-9.84	-7.69	-6.35	-6.42	-8.62	-12.03	-10.45	-8.61	-8.69	-10.31	-11.87	-11.22	-9.00	-7.45	-8.32	-11.44	-25.33
θ (120°)	-15.12	-17.93	-17.91	-17.67	-20.22	-21.42	-17.37	-13.94	-11.40	-9.62	-8.80	-9.04	-10.22	-11.15	-11.31	-11.67	-14.18	-19.23	-29.67	-25.21	-19.69	-16.31	-14.44	-12.04	-15.12
θ (135°)	-13.77	-15.84	-18.06	-19.15	-18.60	-16.90	-15.56	-14.26	-13.43	-13.81	-15.80	-16.90	-13.88	-11.41	-11.05	-12.81	-17.71	-24.91	-19.03	-14.23	-11.88	-12.21	-11.99	-12.44	-13.77
θ (150°)	-9.63	-10.71	-12.44	-13.94	-13.56	-12.17	-10.93	-10.76	-11.07	-11.88	-11.79	-10.22	-8.54	-7.78	-8.13	-9.76	-13.13	-18.56	-20.43	-15.50	-12.21	-10.24	-9.16	-8.87	-9.63
θ (165°)	-13.72	-16.49	-19.19	-21.66	-24.55	-27.01	-31.49	-52.47	-29.41	-21.74	-17.39	-14.46	-12.80	-12.05	-12.14	-13.50	-15.31	-15.47	-13.14	-10.71	-9.27	-8.83	-9.90	-11.03	-13.72
θ (180°)	-7.05	-7.50	-8.38	-9.74	-10.84	-11.74	-11.07	-9.60	-8.19	-7.15	-6.79	-6.79	-7.21	-8.00	-8.95	-9.71	-11.10	-12.13	-12.26	-11.25	-9.76	-8.48	-7.64	-7.15	-7.05

Ant.	No.4																								
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°)	-6.17	-4.71	-3.60	-3.15	-3.18	-4.02	-5.50	-7.85	-11.29	-15.01	-12.76	-9.62	-6.95	-5.18	-4.10	-3.61	-3.73	-4.43	-5.82	-8.14	-11.77	-16.16	-14.18	-9.75	-6.17
θ (15°)	-3.30	-2.28	-1.70	-1.51	-1.83	-2.62	-4.20	-6.02	-8.62	-11.21	-12.47	-12.14	-11.36	-10.65	-9.79	-8.87	-8.46	-8.99	-10.94	-14.89	-16.47	-11.38	-7.46	-5.23	-3.30
θ (30°)	-0.84	-0.59	-0.34	-0.08	0.08	-0.29	-1.10	-2.30	-3.36	-4.23	-4.60	-5.03	-6.47	-9.62	-16.11	-44.82	-18.56	-15.67	-20.17	-20.98	-12.38	-6.02	-3.14	-1.55	-0.84
θ (45°)	0.80	0.91	0.98	1.15	1.36	1.41	1.17	0.71	0.26	-0.05	-0.44	-1.27	-2.81	-5.10	-8.11	-12.02	-16.53	-17.97	-14.94	-11.14	-6.64	-3.35	-1.10	0.09	0.80
θ (60°)	0.31	0.83	1.35	1.74	1.64	2.07	2.48	[3.01]	2.94	2.43	1.46	0.19	-0.94	-1.94	-3.34	-5.44	-8.03	-12.33	-12.68	-10.77	-7.42	-4.25	-1.98	-0.81	0.31
θ (75°)	-1.94	-0.75	0.20	0.96	1.56	2.10	2.51	2.66	2.37	1.48	0.24	-0.74	-1.48	-2.69	-4.82	-7.61	-10.00	-9.83	-9.58	-9.00	-8.96	-7.93	-5.82	-4.09	-1.94
θ (90°)	-2.21	-0.91	-0.11	0.27	0.92	1.11	1.13	0.45	0.10	-0.29	-0.73	-1.54	-3.02	-5.87	-11.04	-16.73	-14.07	-11.31	-9.94	-9.21	-9.00	-9.28	-8.50	-5.80	-2.21
θ (105°)	-1.60	-0.06	0.89	1.39	1.57	1.71	1.79	1.64	1.07	-0.18	-2.08	-4.14	-6.14	-8.96	-13.45	-12.46	-11.09	-10.74	-10.79	-10.73	-10.21	-8.41	-5.66	-3.89	-1.60
θ (120°)	-0.68	0.03	0.81	1.48	2.24	2.64	2.63	1.82	0.65	-0.99	-2.49	-3.38	-4.34	-6.10	-9.11	-12.13	-16.02	-16.98	-13.55	-9.49	-6.32	-4.27	-3.29	-1.56	-0.68
θ (135°)	-1.53	-1.12	-0.68	-0.20	0.29	0.35	0.08	-0.60	-1.56	-2.54	-3.47	-4.67	-6.46	-9.07	-12.40	-14.29	-17.41	-16.41	-12.48	-8.97	-6.16	-5.64	-3.59	-2.38	-1.53
θ (150°)	-3.38	-2.36	-1.51	-0.99	-0.94	-1.13	-1.58	-1.92	-2.89	-4.17	-5.56	-7.08	-8.84	-10.77	-12.74	-10.75	-12.88	-15.57	-19.96	-22.52	-15.64	-10.50	-7.07	-6.05	-3.38
θ (165°)	-8.12	-8.13	-8.60	-9.11	-9.50	-9.61	-9.55	-9.61	-9.85	-10.26	-11.14	-12.68	-14.63	-15.01	-12.23	-10.21	-8.91	-8.44	-8.92	-9.67	-9.78	-8.68	-10.25	-9.10	-8.12
θ (180°)	-10.46	-8.51	-6.82	-5.81	-4.80	-5.22	-6.30	-8.20	-11.68	-15.51	-16.89	-13.21	-10.16	-8.02	-6.92	-4.56	-4.58	-5.08	-6.11	-7.75	-10.27	-13.33	-14.64	-11.85	-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°)	-6.40	-8.44	-12.22	-16.95	-13.50	-8.98	-5.89	-4.03	-3.11	[-3.00]	-3.60	-5.01	-7.05	-10.04	-14.64	-18.87	-14.13	-9.61	-6.76	-4.95	-3.94	-3.58	-3.80	-4.60	-6.40
θ (15°)	-7.13	-10.44	-16.79	-34.60	-14.74	-9.34	-6.13	-4.83	-4.20	-4.45	-5.37	-6.79	-8.26	-9.54	-10.77	-11.82	-11.25	-8.94	-6.60	-4.84	-3.80	-3.50	-3.90	-4.86	-7.13
θ (30°)	-8.91	-11.92	-17.27	-21.55	-13.64	-9.91	-7.74	-6.51	-6.54	-6.22	-5.35	-4.39	-4.00	-4.45	-5.97	-8.16	-8.95	-6.34	-4.30	-3.04	-3.12	-3.79	-5.45	-8.91	
θ (45°)	-9.66	-15.43	-20.55	-16.20	-12.64	-10.14	-8.37	-7.38	-7.10	-6.84	-5.90	-4.50	-3.68	-3.83	-5.11	-7.69	-11.79	-12.60	-9.64	-7.03	-5.24	-4.50	-4.81	-6.02	-9.66
θ (60°)	-9.48	-13.43	-28.59	-19.13	-15.02	-12.97	-11.25	-9.36	-8.99	-9.20	-8.92	-7.29	-5.68	-5.35	-6.72	-10.53	-19.79	-20.41	-12.72	-9.72	-8.80	-8.86	-8.54	-7.86	-9.48
θ (75°)	-12.38	-13.89	-21.13	-22.44	-15.15	-12.01	-10.33	-9.92	-11.09	-13.38	-12.07	-8.28	-6.82	-7.84	-12.51	-26.57	-15.77	-12.69	-10.74	-10.34	-10.06	-13.64	-28.91	-19.31	-12.38
θ (90°)	-29.06	-18.88	-19.03	-22.83	-15.39	-11.39	-9.94	-10.81	-11.26	-10.24	-7.27	-5.30	-5.65	-9.39	-19.82	-14.34	-10.07	-8.98	-9.05	-8.93	-8.40	-8.54	-10.80	-13.88	-29.06
θ (105°)	-30.74	-22.02	-20.07	-25.60	-33.24	-22.02	-16.37	-12.03	-8.62	-6.37	-5.40	-5.80	-7.44	-9.63	-10.24	-10.03	-10.23	-11.04	-10.88	-9.43	-7.72	-8.15	-9.64	-13.32	-30.74
θ (120°)	-18.06	-18.45	-16.75	-17.09	-22.48	-29.68	-20.59	-15.84	-11.74	-9.47	-8.67	-8.81	-9.12	-8.60	-8.49	-9.42	-11.41	-15.17	-22.46	-33.93	-19.56	-15.35	-14.06	-13.33	-18.06
θ (135°)	-11.03	-14.18	-18.30	-21.31	-21.60	-19.25	-18.15	-16.51	-15.25	-14.45	-14.13	-13.33	-11.69	-10.51	-10.87	-13.23	-19.69	-25.51	-16.87	-12.62	-10.41	-8.87	-8.35	-8.77	-11.03
θ (150°)	-7.20	-8.50	-11.16	-15.34	-18.91	-14.24	-10.63	-9.99	-8.77	-8.45	-8.67	-9.09	-9.53	-10.16	-11.35	-11.97	-15.10	-17.87	-15.73	-11.87	-8.95	-7.08	-6.13	-6.44	-7.20
θ (165°)	-14.26	-17.82	-21.49	-24.16	-26.00	-29.98	-35.84	-52.78	-33.27	-24.06	-18.52	-14.87	-12.71	-11.60	-12.18	-14.47	-17.92	-16.12	-11.85	-9.09	-7.77	-7.58	-9.36	-10.82	-14.26
θ (180°)	-7.89	-9.16	-11.71	-16.01	-15.91	-12.54	-9.19	-6.93	-6.68	-5.76	-5.71	-6.07	-6.97	-8.17	-10.21	-12.24	-14.47	-13.25	-10.42	-8.11	-6.53	-5.66	-5.33	-5.55	-7.89

Ant.	No.4																								
Freq. (MHz)	2500																								
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°)	-5.92	-4.29	-3.04	-2.45	-2.42	-3.04	-4.38	-6.81	-11.19	-21.46	-18.32	-10.45	-6.72	-4.60	-3.38	-2.75	-2.81	-3.54	-5.02	-7.62	-12.08	-22.84	-17.29	-10.11	-5.92
θ (15°)	-3.85	-2.40	-1.51	-1.09	-1.19	-1.71	-2.79	-4.57	-7.52	-12.37	-18.76	-13.75	-9.02	-6.35	-4.81	-4.05	-4.02	-4.81	-6.62	-9.97	-16.14	-16.33	-9.83	-6.51	-3.85
θ (30°)	-1.50	-0.49	0.47	1.10	1.35	1.13	0.45	-0.83	-2.85	-5.96	-10.52	-16.80	-19.46	-17.42	-14.57	-12.31	-10.94	-10.80	-12.14	-17.90	-20.28	-10.78	-6.10	-3.48	-1.50
θ (45°)	-0.45	0.53	1.52	2.33	2.75	2.74	2.29	1.40	0.14	-1.27	-2.63	-3.87	-5.36	-7.33	-10.28	-14.66	-19.42	-18.34	-14.82	-10.75	-7.00	-4.34	-2.50	-1.48	-0.45
θ (60°)	-0.25	-0.05	0.23	0.72	1.45	1.90	2.06	2.05	2.09	2.03	1.63	0.74	-0.66	-2.58	-5.25	-8.96	-13.30	-15.30	-14.37	-11.03	-7.24	-4.22	-2.33	-0.95	-0.25
θ (75°)	-1.43	-0.64	-0.37	-0.14	0.26	0.72	1.12	1.46	1.75	1.66	0.97	-0.25	-1.57	-3.14	-5.33	-8.00	-9.85	-10.64	-10.51	-10.99	-11.36	-9.50	-6.16	-3.76	-1.43
θ (90°)	-2.91	-1.99	-1.23	-0.57	-0.05	0.23	0.24	0.04	-0.63	-1.66	-2.63	-2.92	-3.12	-4.66	-8.52	-14.07	-12.61	-10.09	-9.14	-9.42	-10.88	-12.30	-9.44	-5.58	-2.91
θ (105°)	-1.17	-0.38	-0.11	0.12	0.28	0.47	0.52	0.48	0.26	-0.46	-1.96	-4.44	-8.10	-12.73	-14.06	-11.50	-9.40	-9.07	-9.77	-11.55	-13.75	-10.83	-6.74	-3.72	-1.17
θ (120°)	-1.00	0.21	1.39	2.25	2.87	3.21	[3.38]	3.27	2.56	1.11	-1.31	-4.35	-6.77	-8.05	-9.53	-11.89	-13.45	-13.92	-12.33	-9.71	-7.53	-5.93	-4.55	-2.88	-1.00
θ (135°)	-2.45	-1.75	-0.62	0.54	1.53	1.89	1.82	1.25	0.14	-1.38	-2.78	-3.76	-4.94	-6.88	-9.83	-13.85	-15.61	-14.89	-12.63	-9.93	-7.48	-4.74	-3.39	-2.77	-2.45
θ (150°)	-3.27	-2.40	-1.69	-1.30	-1.18	-1.08	-1.28	-1.63	-2.24	-3.15	-4.20	-5.37	-6.87	-9.00	-11.96	-15.34	-16.15	-16.77	-18.60	-20.40	-17.34	-12.59	-8.83	-5.52	-3.27
θ (165°)	-8.21	-8.14	-8.44	-8.96	-9.33	-9.44	-9.22	-8.86	-8.53	-8.31	-8.31	-8.69	-9.53	-10.29	-10.70	-10.07	-9.39	-9.35	-9.95	-11.32	-12.57	-12.27	-9.95	-9.03	-8.21
θ (180°)	-12.77	-9.85	-7.53	-6.18	-5.60	-5.71	-6.54	-8.22	-10.15	-13.95	-19.93	-17.76	-12.60	-9.25	-7.27	-6.02	-5.53	-5.67	-6.42	-7.85	-10.21	-14.41	-22.99	-20.52	-12.77
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°)	-5.71	-7.86	-12.33	-23.55	-18.69	-10.73	-6.87	-4.52	-3.10	-2.47	-2.44	-3.12	-4.52	-6.94	-11.17	-21.08	-17.56	-9.97	-6.42	-4.44	-3.38	-2.97	-3.13	-3.87	-5.71
θ (15°)	-5.87	-8.71	-13.42	-21.70	-16.11	-10.29	-7.06	-4.86	-3.48	-2.87	-2.86	-3.48	-4.81	-7.09	-10.87	-17.67	-16.50	-9.87	-6.12	-3.89	-2.72	-2.46	-2.92	-3.88	-5.87
θ (30°)	-6.56	-8.97	-12.56	-16.72	-16.25	-12.77	-9.57	-7.40	-6.18	-5.63	-5.50	-5.54	-5.82	-6.59	-8.23	-10.93	-12.50	-9.56	-6.16	-3.50	-1.98	[-1.54]	-2.12	-3.64	-6.56
θ (45°)	-7.95	-11.45	-14.61	-17.64	-17.21	-13.47	-10.64	-8.82	-7.77	-6.82	-5.71	-4.68	-4.16	-4.65	-6.23	-9.25	-13.87	-14.18	-8.65	-5.30	-3.53	-2.86	-3.36	-4.73	-7.95
θ (60°)	-10.01	-14.45	-19.84	-17.92	-17.92	-16.74	-14.28	-11.56	-9.81	-9.12	-8.66	-7.25	-5.55	-4.94	-5.95	-9.08	-16.62	-20.30	-11.53	-8.29	-6.81	-6.16	-5.83	-6.73	-10.01
θ (75°)	-13.82	-17.09	-25.60	-21.84	-17.40	-15.21	-13.66	-12.65	-12.28	-12.40	-11.51	-9.21	-7.84	-8.29	-11.66	-19.98	-18.54	-13.15	-11.19	-10.68	-11.71	-14.66	-17.30	-15.74	-13.82
θ (90°)	-24.47	-17.88	-18.33	-27.51	-24.02	-17.56	-15.15	-14.30	-13.64	-12.56	-10.09	-7.87	-7.43	-9.66	-14.60	-14.50	-10.98	-9.79	-9.54	-8.97	-7.90	-7.44	-8.86	-14.44	-24.47
θ (105°)	-16.44	-22.39	-21.10	-22.81	-26.03	-33.63	-25.69	-16.40	-11.05	-7.72	-5.88	-5.42	-6.38	-7.86	-7.96	-7.40	-8.29	-10.14	-10.85	-9.17	-6.98	-6.38	-6.92	-9.09	-16.44
θ (120°)	-16.16	-21.28	-36.55	-25.50	-22.49	-26.80	-32.49	-17.83	-11.90	-8.60	-7.26	-7.82	-9.44	-8.86	-7.20	-6.97	-8.40	-11.83	-18.48	-24.96	-16.82	-13.07	-11.55	-13.28	-16.16
θ (135°)	-10.75	-13.69	-18.08	-24.49	-32.00	-32.98	-22.65	-17.05	-13.99	-12.76	-13.31	-13.96	-11.59	-8.87	-7.95	-9.48	-13.35	-21.37	-20.32	-13.57	-10.43	-8.86	-8.36	-8.87	-10.75
θ (150°)	-6.35	-7.80	-10.55	-14.74	-22.75	-25.22	-16.70	-12.25	-9.96	-8.64	-7.88	-7.46	-7.29	-7.51	-8.16	-10.14	-13.29	-18.04	-16.85	-11.66	-8.23	-6.18	-5.22	-5.38	-6.35
θ (165°)	-13.13	-16.10	-19.87	-23.97	-26.17	-26.12	-25.02	-25.32	-26.21	-22.38	-17.29	-13.65	-11.58	-10.59	-11.01	-13.10	-17.73	-19.91	-15.39	-11.64	-9.87	-9.38	-9.81	-10.66	-13.13
θ (180°)	-6.63	-7.44	-9.23	-12.37	-20.89	-21.62	-12.73	-8.59	-6.38	-5.03	-4.54	-4.59	-5.22	-6.17	-7.88	-11.47	-16.39	-18.85	-13.90	-10.32	-8.10	-6.96	-6.36	-6.28	-6.63

Ant.	No.1																								
Freq. (MHz)	5150																								
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°)	-18.65	-16.59	-15.02	-13.57	-12.37	-11.68	-11.41	-11.61	-12.50	-14.07	-16.51	-19.78	-24.17	-24.27	-19.90	-16.73	-14.21	-12.54	-11.69	-11.83	-12.96	-15.17	-18.56	-22.17	-18.65
θ (15°)	-13.46	-12.81	-11.56	-10.37	-9.45	-8.72	-8.46	-8.70	-9.69	-11.05	-12.54	-14.32	-17.36	-20.71	-19.90	-17.77	-15.29	-13.11	-11.98	-11.00	-10.70	-10.91	-11.87	-13.33	-13.46
θ (30°)	-16.75	-14.26	-11.85	-9.95	-8.29	-7.32	-7.18	-7.52	-7.98	-8.44	-8.91	-10.37	-12.57	-13.10	-12.31	-12.04	-12.30	-12.73	-13.54	-14.84	-16.49	-19.12	-22.65	-21.83	-16.75
θ (45°)	-6.49	-7.14	-8.47	-7.76	-7.29	-8.12	-8.89	-9.78	-10.35	-10.83	-10.14	-9.01	-8.98	-9.69	-11.41	-12.79	-12.61	-13.13	-13.75	-14.19	-13.50	-12.50	-11.78	-9.31	-6.49
θ (60°)	-6.53	-5.83	-4.83	-3.80	-3.50	-3.81	-3.94	-3.84	-3.89	-4.32	-5.10	-7.29	-9.06	-7.66	-7.36	-8.29	-11.34	-13.70	-14.53	-14.08	-12.41	-10.43	-7.62	-6.48	-6.53
θ (75°)	-3.43	-1.73	-0.61	-0.44	0.17	0.41	-0.24	-1.39	-1.44	-1.09	-2.60	-3.62	-5.22	-9.02	-8.41	-8.97	-10.56	-12.18	-11.44	-10.97	-10.87	-10.50	-8.38	-5.67	-3.43
θ (90°)	-3.99	-1.93	-0.92	-0.89	-1.01	-0.84	-0.01	0.53	0.25	-0.31	-0.02	-1.43	-4.33	-8.08	-11.12	-10.59	-19.17	-18.75	-15.75	-18.43	-27.91	-13.58	-7.88	-5.75	-3.99
θ (105°)	-3.93	-2.90	-1.91	-1.99	-1.96	-0.96	-0.40	-0.33	0.04	0.09	-0.80	-1.15	-3.06	-6.05	-9.47	-12.66	-13.96	-17.60	-16.80	-15.75	-14.23	-11.43	-10.92	-9.45	-3.93
θ (120°)	-0.80	-0.50	-0.26	-0.29	0.54	[1.17]	0.83	0.01	-1.12	-2.36	-3.36	-3.66	-4.14	-8.34	-9.72	-10.37	-19.57	-15.38	-11.87	-12.43	-14.92	-10.37	-4.96	-2.03	-0.80
θ (135°)	-9.08	-7.08	-7.29	-6.76	-5.38	-3.59	-2.27	-1.58	-1.33	-1.78	-3.14	-4.17	-4.07	-6.01	-10.31	-15.67	-14.92	-14.20	-15.26	-20.62	-19.24	-12.28	-11.28	-13.19	-9.08
θ (150°)	-7.82	-8.62	-7.51	-6.94	-7.86	-8.45	-7.06	-6.47	-7.24	-8.31	-8.35	-8.59	-10.00	-8.34	-5.55	-5.24	-7.08	-9.71	-11.29	-10.85	-8.32	-5.99	-4.89	-5.38	-7.82
θ (165°)	-7.28	-7.76	-8.37	-8.14	-7.09	-6.16	-5.79	-6.22	-7.13	-8.49	-9.69	-9.60	-8.25	-6.87	-6.58	-7.13	-8.35	-9.39	-9.83	-10.36	-10.97	-10.70	-9.55	-8.33	-7.28
θ (180°)	-13.96	-12.89	-11.29	-9.98	-9.01	-8.13	-7.90	-8.11	-9.02	-10.66	-13.03	-15.49	-14.40	-11.69	-9.33	-7.53	-6.59	-6.26	-6.43	-6.77	-7.78	-9.27	-11.28	-13.18	-13.96
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°)	-10.93	-11.38	-12.24	-13.48	-15.20	-18.84	-24.21	-19.37	-15.95	-14.36	-13.30	-12.50	-12.24	-12.51	-13.32	-14.26	-15.09	-16.03	-17.99	-18.23	-15.47	-13.63	-12.19	-11.38	-10.93
θ (15°)	-8.58	-8.68	-9.36	-10.64	-13.02	-16.38	-20.64	-21.57	-18.83	-17.07	-15.87	-14.02	-12.23	-11.59	-12.17	-12.67	-14.48	-17.49	-25.35	-28.21	-18.02	-13.20	-10.39	-8.84	-8.58
θ (30°)	-5.94	-6.19	-7.60	-9.61	-11.82	-14.34	-19.06	-22.99	-17.14	-13.34	-11.29	-11.31	-12.66	-13.21	-11.66	-11.19	-13.42	-19.94	-24.40	-14.05	-10.26	-8.49	-7.91	-7.11	-5.94
θ (45°)	-8.86	-10.14	-12.26	-14.24	-17.99	-26.68	-27.57	-20.28	-15.54	-11.41	-10.08	-10.00	-8.38	-7.37	-9.37	-13.99	-18.73	-23.54	-18.78	-12.06	-8.17	-7.22	-8.58	-9.20	-8.86
θ (60°)	-8.90	-9.61	-12.76	-12.77	-11.81	-12.39	-14.10	-19.20	-31.00	-16.70	-14.14	-11.54	-10.34	-14.01	-16.86	-11.52	-13.14	-19.88	-26.42	-13.96	-11.16	-8.84	-7.36	-8.99	-8.90
θ (75°)	-10.26	-12.71	-14.77	-18.58	-20.15	-19.77	-16.96	-13.94	-13.09	-17.42	-17.69	-13.80	-12.82	-15.07	-13.88	-13.75	-15.98	-30.20	-18.65	-11.81	-7.90	-7.48	-11.51	-10.29	-10.26
θ (90°)	-9.20	-9.93	-10.50	-9.16	-9.25	-11.06	-15.25	-20.18	-21.68	-14.42	-9.21	-14.04	-13.57	-9.01	-19.59	-6.85	-6.33	-11.69	-12.47	-5.90	[-4.49]	-6.43	-8.09	-7.41	-9.20
θ (105°)	-17.09	-14.92	-18.65	-21.72	-16.32	-16.08	-19.12	-19.56	-16.94	-17.13	-15.83	-15.10	-10.91	-13.13	-19.77	-10.44	-11.86	-17.77	-19.05	-17.38	-16.87	-19.28	-15.66	-18.09	-17.09
θ (120°)	-13.21	-18.71	-19.78	-16.25	-20.62	-27.29	-24.00	-34.49	-18.33	-10.91	-9.34	-14.35	-22.23	-18.01	-15.70	-10.66	-12.75	-28.15	-13.97	-11.67	-13.30	-13.01	-14.44	-28.67	-13.21
θ (135°)	-8.80	-8.34	-12.19	-14.36	-14.83	-17.89	-21.44	-17.40	-13.24	-11.46	-13.15	-23.53	-17.77	-14.68	-16.11	-11.05	-8.81	-10.04	-18.96	-15.38	-7.38	-5.32	-7.49	-13.04	-8.80
θ (150°)	-12.04	-10.58	-9.23	-10.01	-11.38	-13.18	-16.19	-16.51	-13.89	-14.44	-19.71	-18.30	-12.88	-12.24	-9.49	-6.41	-6.08	-8.79	-14.99	-18.72	-10.59	-7.10	-6.53	-8.51	-12.04
θ (165°)	-8.14	-9.52	-9.39	-9.37	-10.51	-12.78	-15.42	-15.18	-13.66	-12.81	-12.96	-13.88	-16.10	-15.42	-12.36	-11.16	-12.08	-14.72	-16.46	-12.28	-8.04	-5.81	-5.26	-5.86	-8.14
θ (180°)	-7.38	-7.48	-7.95	-8.70	-9.57	-10.32	-10.48	-9.98	-8.52	-6.94	-5.81	-5.23	-5.41	-6.06	-7.37	-10.04	-14.28	-17.23	-14.78	-12.07	-10.22	-8.80	-7.90	-7.44	-7.38

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°)	-17.72	-14.84	-12.53	-11.00	-10.04	-9.78	-9.83	-10.50	-11.83	-13.87	-16.63	-20.33	-20.40	-16.76	-13.57	-11.60	-10.31	-9.75	-9.87	-10.86	-12.19	-14.45	-18.20	-22.72	-17.72
θ (15°)	-11.80	-11.15	-10.28	-9.63	-9.20	-8.95	-9.25	-10.06	-11.05	-11.94	-12.96	-14.50	-17.34	-21.72	-20.64	-17.48	-15.55	-13.54	-12.00	-10.35	-9.91	-10.28	-11.20	-12.07	-11.80
θ (30°)	-14.66	-13.48	-11.59	-9.70	-8.22	-7.52	-7.19	-7.34	-8.17	-8.81	-9.02	-9.87	-12.82	-16.28	-16.14	-15.15	-14.93	-13.81	-12.52	-12.59	-13.83	-15.63	-16.47	-16.53	-14.66
θ (45°)	-7.38	-8.81	-9.59	-8.25	-8.15	-8.67	-8.29	-8.57	-9.36	-10.25	-10.37	-9.50	-9.64	-10.48	-11.52	-12.76	-12.58	-13.33	-14.62	-15.32	-14.82	-13.95	-11.85	-9.03	-7.38
θ (60°)	-7.91	-6.75	-5.26	-4.51	-4.63	-5.58	-6.12	-5.90	-5.43	-5.71	-6.71	-8.58	-10.40	-8.79	-8.70	-9.24	-11.83	-13.69	-14.02	-13.75	-12.87	-11.29	-7.98	-6.71	-7.91
θ (75°)	-3.26	-1.72	-0.71	-0.26	0.49	0.57	-0.03	-1.29	-2.18	-1.72	-2.68	-4.54	-6.40	-9.98	-8.66	-9.40	-10.79	-12.80	-12.74	-11.79	-11.15	-10.27	-7.65	-5.14	-3.26
θ (90°)	-4.25	-2.07	-1.33	-1.53	-1.50	-0.90	0.01	0.43	0.18	-0.18	0.01	-1.15	-3.65	-7.42	-14.02	-10.55	-17.50	-21.22	-17.66	-22.39	-22.73	-13.48	-8.50	-6.34	-4.25
θ (105°)	-4.01	-2.91	-2.13	-2.54	-2.14	-0.65	-0.26	-0.71	-0.50	-0.13	-1.07	-1.46	-2.99	-5.92	-9.54	-13.16	-12.83	-15.33	-15.23	-14.91	-14.67	-12.34	-11.74	-9.44	-4.01
θ (120°)	-1.20	-1.02	-0.56	-0.47	0.34	[0.78]	0.44	-0.25	-1.31	-2.41	-3.38	-3.62	-3.58	-7.27	-11.13	-12.23	-24.12	-16.32	-12.15	-11.95	-15.46	-10.30	-4.51	-1.82	-1.20
θ (135°)	-8.75	-7.37	-7.61	-6.61	-4.81	-2.99	-1.85	-1.33	-1.04	-1.28	-2.85	-4.54	-4.08	-5.21	-9.20	-14.72	-13.69	-13.75	-15.23	-19.44	-18.98	-13.04	-12.34	-13.76	-8.75
θ (150°)	-8.00	-8.72	-7.67	-7.30	-8.53	-9.03	-7.44	-6.64	-7.27	-8.40	-8.96	-9.64	-11.27	-9.11	-6.04	-5.68	-7.46	-9.85	-10.84	-9.82	-7.52	-5.56	-4.72	-5.44	-8.00
θ (165°)	-6.88	-7.59	-8.44	-8.45	-7.36	-6.40	-5.95	-6.30	-7.37	-9.25	-11.50	-11.17	-8.95	-7.16	-6.97	-7.63	-8.56	-9.21	-9.64	-10.30	-10.78	-10.11	-8.71	-7.66	-6.88
θ (180°)	-14.27	-12.83	-11.14	-9.67	-8.51	-7.62	-7.28	-7.68	-8.83	-10.86	-13.97	-16.59	-14.08	-10.62	-8.19	-6.79	-6.20	-6.18	-6.49	-6.90	-8.13	-9.95	-12.19	-14.07	-14.27
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°)	-9.25	-9.80	-11.12	-13.05	-15.05	-16.85	-19.20	-18.51	-14.10	-11.63	-10.36	-9.83	-9.72	-10.00	-10.79	-12.05	-13.94	-15.35	-15.79	-15.39	-13.24	-11.41	-10.07	-9.39	-9.25
θ (15°)	-7.53	-8.01	-9.29	-11.48	-14.83	-18.39	-21.05	-19.07	-15.86	-14.86	-14.75	-13.40	-11.71	-11.38	-12.29	-13.51	-15.71	-18.07	-21.95	-21.16	-15.59	-11.69	-9.29	-8.04	-7.53
θ (30°)	-5.53	-6.21	-7.81	-9.02	-9.80	-11.51	-16.29	-27.24	-22.21	-16.53	-11.59	-9.48	-10.47	-13.94	-15.26	-13.11	-13.63	-19.23	-26.70	-13.75	-9.93	-8.75	-8.19	-6.65	-5.53
θ (45°)	-8.92	-10.00	-12.20	-13.91	-16.53	-24.04	-28.38	-19.16	-15.52	-11.59	-10.13	-10.61	-9.28	-7.43	-8.39	-12.29	-19.21	-29.01	-17.50	-11.64	-8.40	-7.83	-9.24	-9.83	-8.92
θ (60°)	-9.46	-10.06	-12.12	-11.82	-11.65	-12.17	-13.00	-17.21	-27.70	-17.32	-16.38	-12.60	-9.59	-11.64	-17.10	-13.34	-15.79	-25.79	-22.68	-14.11	-10.79	-7.99	-6.76	-8.45	-9.46
θ (75°)	-11.70	-13.99	-16.20	-18.60	-20.47	-25.39	-19.03	-13.33	-11.77	-15.58	-15.83	-13.64	-12.52	-12.85	-12.64	-13.85	-16.60	-29.81	-16.96	-10.92	-7.91	-8.28	-12.03	-10.70	-11.70
θ (90°)	-9.41	-9.38	-10.43	-9.06	-9.11	-11.39	-15.36	-21.44	-25.16	-16.29	-10.22	-13.26	-15.04	-8.96	-20.15	-7.02	-5.96	-11.07	-13.84	-6.09	[-4.30]	-6.12	-8.08	-7.59	-9.41
θ (105°)	-13.26	-12.47	-16.30	-18.19	-13.91	-14.32	-18.29	-19.75	-16.06	-15.09	-14.69	-16.03	-11.18	-11.47	-20.44	-9.85	-10.90	-18.63	-19.78	-15.33	-14.57	-16.48	-13.31	-15.66	-13.26
θ (120°)	-16.09	-29.61	-16.63	-17.14	-23.24	-17.91	-16.78	-22.36	-23.19	-12.01	-9.85	-14.46	-16.78	-14.02	-15.57	-9.76	-11.23	-26.42	-13.13	-9.84	-11.52	-14.56	-17.04	-25.63	-16.09
θ (135°)	-7.99	-7.91	-12.12	-14.35	-15.08	-18.59	-20.05	-15.67	-12.39	-11.20	-13.29	-23.94	-18.15	-14.51	-14.94	-10.35	-8.86	-10.80	-20.37	-15.78	-7.69	-5.53	-7.90	-13.49	-7.99
θ (150°)	-12.32	-10.81	-9.40	-10.03	-11.43	-13.76	-19.63	-19.27	-14.23	-14.28	-20.06	-18.02	-12.21	-11.02	-8.11	-5.32	-5.34	-8.61	-16.31	-16.42	-9.77	-7.02	-6.85	-9.13	-12.32
θ (165°)	-8.92	-9.98	-9.40	-9.23	-10.30	-12.97	-15.33	-14.18	-12.58	-12.10	-12.45	-13.68	-15.33	-14.43	-11.51	-10.20	-10.76	-13.69	-17.34	-12.39	-8.05	-6.02	-5.68	-6.38	-8.92
θ (180°)	-7.31	-7.56	-8.03	-8.62	-9.37	-10.11	-10.47	-9.79	-8.03	-6.22	-4.99	-4.53	-4.89	-5.89	-7.77	-11.24	-15.50	-16.94	-14.02	-10.97	-9.15	-7.96	-7.36	-7.03	-7.31

Ant.	No.1																								
Freq. (MHz)	5250																								
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°)	-16.01	-13.17	-10.92	-9.63	-8.91	-9.02	-9.45	-10.19	-11.63	-14.46	-18.99	-22.09	-17.57	-13.48	-10.94	-9.45	-8.57	-8.41	-8.84	-10.11	-11.72	-14.19	-18.07	-21.75	-16.01
θ (15°)	-10.48	-9.90	-9.04	-8.40	-8.16	-8.02	-8.16	-9.01	-10.70	-13.69	-16.37	-17.54	-20.36	-32.86	-24.35	-16.99	-13.83	-12.23	-11.53	-10.47	-10.33	-10.47	-10.85	-11.17	-10.48
θ (30°)	-11.14	-11.12	-10.37	-9.34	-8.47	-7.70	-7.03	-6.95	-7.54	-8.41	-8.81	-9.33	-12.34	-18.86	-23.22	-20.93	-16.88	-13.41	-11.99	-11.89	-11.96	-11.75	-11.39	-11.15	-11.14
θ (45°)	-8.72	-10.54	-10.80	-9.71	-9.42	-8.51	-7.55	-7.33	-7.87	-8.70	-9.51	-8.74	-8.35	-9.45	-10.80	-12.01	-12.47	-13.47	-14.61	-15.01	-14.64	-13.51	-11.10	-8.95	-8.72
θ (60°)	-9.41	-7.39	-5.92	-5.09	-5.13	-5.85	-6.61	-6.98	-6.41	-6.67	-7.86	-10.09	-12.41	-9.30	-9.08	-10.60	-13.54	-15.33	-14.75	-13.95	-13.46	-11.44	-7.74	-7.12	-9.41
θ (75°)	-3.66	-1.79	-0.73	-0.12	0.43	0.25	-0.27	-1.16	-2.13	-2.26	-3.23	-4.45	-6.74	-13.50	-10.02	-9.58	-10.83	-12.72	-12.43	-11.64	-12.25	-10.49	-7.11	-4.99	-3.66
θ (90°)	-4.29	-2.29	-2.02	-2.20	-1.83	-1.01	-0.09	[0.45]	0.31	-0.28	-0.02	-1.00	-2.99	-5.58	-16.69	-11.49	-16.33	-23.22	-20.58	-27.89	-22.35	-14.37	-8.69	-6.62	-4.29
θ (105°)	-4.45	-3.48	-3.29	-3.76	-2.20	-0.47	-0.37	-1.18	-1.06	-0.45	-1.47	-2.14	-3.17	-5.94	-9.04	-13.59	-12.32	-14.19	-14.28	-14.35	-14.69	-12.97	-12.17	-9.75	-4.45
θ (120°)	-2.15	-1.61	-0.77	-0.85	-0.23	0.11	-0.32	-1.13	-2.15	-2.84	-3.62	-4.35	-3.66	-6.62	-12.17	-14.16	-30.03	-16.33	-12.55	-12.50	-15.54	-9.74	-4.54	-2.28	-2.15
θ (135°)	-8.27	-7.55	-7.79	-6.44	-4.30	-2.58	-1.56	-1.28	-1.21	-1.35	-2.53	-4.64	-4.63	-5.10	-8.55	-14.23	-14.04	-13.73	-15.00	-18.39	-19.95	-14.22	-13.24	-13.53	-8.27
θ (150°)	-8.75	-9.37	-7.97	-7.67	-8.96	-9.21	-7.82	-7.06	-7.36	-8.50	-9.96	-11.19	-13.77	-10.84	-7.14	-6.67	-8.35	-10.44	-10.66	-9.46	-7.37	-5.62	-4.97	-5.83	-8.75
θ (165°)	-6.95	-7.68	-8.57	-8.55	-7.39	-6.35	-6.06	-6.93	-8.35	-10.31	-12.67	-12.90	-10.24	-8.15	-7.79	-8.07	-9.15	-10.11	-10.81	-11.10	-11.27	-10.17	-8.61	-7.56	-6.95
θ (180°)	-13.86	-12.20	-10.46	-9.17	-8.43	-8.09	-7.82	-8.06	-9.32	-11.96	-16.20	-17.53	-13.13	-9.88	-7.84	-6.80	-6.51	-6.49	-7.04	-7.87	-9.51	-11.77	-13.93	-14.97	-13.86
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°)	-9.14	-9.97	-11.48	-14.05	-16.76	-17.68	-16.02	-13.77	-11.69	-10.01	-8.84	-8.50	-8.69	-9.52	-10.83	-12.59	-15.43	-16.95	-14.96	-13.25	-11.42	-9.80	-8.77	-8.48	-9.14
θ (15°)	-7.49	-8.47	-10.18	-12.57	-16.01	-19.47	-19.11	-16.59	-13.74	-12.22	-11.51	-11.49	-10.75	-10.09	-10.46	-11.51	-14.24	-16.29	-17.22	-15.74	-12.74	-10.03	-8.37	-7.61	-7.49
θ (30°)	-5.58	-6.37	-7.57	-7.98	-8.31	-9.96	-13.79	-23.39	-27.14	-20.28	-13.90	-9.62	-8.40	-10.62	-16.01	-16.73	-16.25	-21.80	-23.90	-13.71	-11.22	-10.39	-8.68	-6.38	-5.58
θ (45°)	-8.58	-10.05	-12.26	-13.34	-15.05	-20.35	-26.49	-19.58	-14.88	-10.74	-9.37	-10.72	-10.63	-8.24	-8.06	-10.93	-16.71	-30.63	-16.35	-10.75	-8.28	-8.50	-10.32	-10.20	-8.58
θ (60°)	-9.86	-10.05	-12.45	-13.02	-13.26	-13.25	-13.26	-16.77	-21.34	-15.39	-15.40	-14.86	-9.84	-10.22	-15.01	-14.14	-17.75	-37.11	-19.06	-14.05	-10.92	-7.99	-6.91	-9.02	-9.86
θ (75°)	-12.80	-14.54	-16.55	-17.20	-19.43	-30.36	-21.95	-13.97	-11.45	-14.39	-14.17	-12.59	-11.47	-11.05	-11.74	-13.43	-16.47	-25.83	-17.02	-11.47	-8.63	-9.06	-12.35	-11.87	-12.80
θ (90°)	-9.35	-9.44	-10.55	-8.84	-9.19	-11.42	-14.43	-19.14	-21.54	-23.85	-12.12	-13.80	-15.53	-9.21	-19.51	-7.49	-6.15	-11.58	-15.43	-6.29	[-4.29]	-5.99	-8.06	-7.79	-9.35
θ (105°)	-11.11	-11.86	-14.68	-14.89	-12.43	-13.69	-17.31	-18.91	-15.75	-14.20	-12.92	-14.89	-12.37	-11.32	-18.84	-8.90	-10.32	-22.25	-17.67	-12.77	-12.30	-12.58	-10.88	-12.60	-11.11
θ (120°)	-19.44	-26.43	-15.06	-17.25	-17.74	-14.04	-13.65	-17.07	-36.31	-14.86	-11.02	-15.44	-15.35	-11.47	-14.13	-9.87	-11.03	-23.29	-12.64	-8.51	-9.53	-14.73	-22.11	-20.43	-19.44
θ (135°)	-7.71	-8.06	-13.25	-16.02	-15.60	-17.78	-18.29	-14.96	-11.91	-10.83	-12.95	-22.04	-20.62	-15.56	-14.60	-9.61	-8.20	-10.09	-18.71	-16.46	-8.10	-5.79	-8.17	-13.47	-7.71
θ (150°)	-12.35	-10.28	-8.85	-9.59	-11.12	-13.80	-20.35	-26.55	-16.15	-15.06	-20.05	-19.35	-12.65	-10.78	-7.69	-5.25	-5.36	-9.20	-18.87	-14.54	-8.72	-6.66	-6.98	-9.64	-12.35
θ (165°)	-9.37	-9.98	-9.30	-9.15	-10.42	-13.18	-14.39	-12.68	-11.79	-11.95	-12.84	-14.33	-16.11	-14.38	-11.57	-10.49	-11.04	-14.03	-17.99	-11.91	-7.95	-6.40	-6.30	-7.18	-9.37
θ (180°)	-8.23	-8.56	-9.11	-9.59	-10.14	-10.66	-10.94	-10.07	-8.13	-6.36	-5.21	-4.78	-5.34	-6.64	-9.00	-12.63	-16.68	-18.17	-13.66	-10.04	-8.48	-7.95	-7.75	-7.70	-8.23

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°)	-14.50	-11.98	-10.03	-8.86	-8.17	-8.25	-9.05	-10.73	-12.99	-16.67	-24.43	-28.01	-17.00	-12.75	-10.45	-9.08	-8.45	-8.36	-9.03	-10.81	-13.64	-18.30	-28.27	-22.86	-14.50
θ (15°)	-9.32	-8.73	-8.05	-7.46	-6.93	-6.48	-6.44	-6.90	-8.13	-10.50	-14.30	-20.96	-26.33	-19.56	-14.73	-11.86	-10.52	-10.15	-10.61	-10.93	-11.28	-11.22	-10.95	-10.64	-9.32
θ (30°)	-9.45	-9.25	-8.65	-8.47	-8.45	-8.17	-7.60	-6.97	-6.96	-7.48	-8.18	-8.73	-10.83	-15.92	-24.43	-26.03	-18.08	-14.03	-11.88	-10.47	-9.55	-8.86	-8.55	-8.95	-9.45
θ (45°)	-10.26	-12.46	-11.96	-10.33	-8.46	-6.96	-6.13	-6.03	-6.74	-7.44	-7.42	-6.42	-5.59	-6.55	-9.15	-11.75	-12.71	-13.31	-13.15	-12.16	-11.67	-11.51	-10.64	-9.49	-10.26
θ (60°)	-10.49	-7.51	-6.48	-5.36	-4.96	-5.19	-5.83	-6.62	-6.42	-6.38	-7.92	-10.27	-13.65	-11.60	-9.03	-10.07	-14.16	-18.20	-17.95	-15.83	-14.06	-11.04	-7.58	-8.42	-10.49
θ (75°)	-3.90	-1.76	-0.83	-0.15	0.05	-0.26	-0.62	-1.52	-2.43	-2.22	-3.19	-4.50	-5.29	-11.61	-14.93	-12.39	-12.03	-12.45	-12.38	-12.50	-12.49	-9.39	-6.53	-5.11	-3.90
θ (90°)	-4.52	-2.65	-2.41	-2.21	-1.62	-0.79	0.05	[0.58]	0.43	-0.07	-0.44	-1.82	-2.91	-3.50	-11.50	-13.67	-17.64	-24.78	-21.83	-31.42	-21.03	-12.19	-7.32	-6.54	-4.52
θ (105°)	-5.17	-4.36	-4.31	-4.02	-1.66	-0.36	-0.47	-1.48	-1.62	-0.38	-1.21	-3.72	-4.37	-5.76	-8.40	-13.58	-11.61	-12.93	-15.43	-15.64	-14.84	-12.28	-11.94	-11.38	-5.17
θ (120°)	-2.66	-1.38	-0.63	-0.97	-0.31	-0.10	-0.99	-2.05	-3.23	-3.26	-3.56	-5.54	-5.23	-6.96	-11.38	-14.96	-29.22	-15.80	-13.40	-14.49	-15.29	-8.73	-4.51	-2.85	-2.66
θ (135°)	-7.57	-7.45	-7.23	-5.45	-3.19	-1.72	-1.14	-1.33	-1.63	-1.67	-2.19	-4.07	-5.56	-6.15	-9.44	-13.74	-13.53	-12.41	-13.56	-18.11	-18.80	-13.68	-13.58	-13.27	-7.57
θ (150°)	-8.97	-9.30	-7.95	-7.70	-8.59	-8.55	-7.30	-6.20	-6.38	-7.98	-10.85	-13.95	-16.40	-12.03	-8.02	-7.40	-9.16	-11.45	-10.87	-9.33	-7.61	-6.17	-5.65	-6.49	-8.97
θ (165°)	-7.57	-8.34	-9.34	-9.13	-7.50	-6.35	-6.23	-7.34	-9.30	-11.94	-14.65	-14.33	-11.60	-9.46	-8.69	-8.82	-9.89	-10.98	-11.56	-12.04	-12.30	-11.09	-9.17	-7.99	-7.57
θ (180°)	-12.16	-10.71	-9.32	-8.60	-8.30	-8.57	-8.76	-9.47	-11.01	-14.13	-17.11	-14.66	-11.23	-8.98	-7.92	-7.39	-7.24	-7.25	-8.08	-9.58	-11.68	-13.59	-14.46	-13.70	-12.16
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°)	-9.78	-11.00	-13.43	-17.71	-27.77	-21.47	-15.30	-12.30	-10.12	-8.71	-8.11	-8.09	-8.64	-9.81	-11.82	-15.17	-21.04	-20.36	-15.10	-11.57	-9.53	-8.56	-8.29	-8.58	-9.78
θ (15°)	-8.89	-10.61	-12.55	-14.55	-16.85	-19.99	-19.18	-15.26	-11.87	-10.00	-9.29	-9.52	-9.60	-9.65	-10.20	-11.21	-13.75	-15.35	-13.75	-11.23	-9.52	-8.24	-7.67	-7.77	-8.89
θ (30°)	-5.46	-5.99	-6.65	-6.85	-7.27	-8.84	-12.28	-18.91	-19.41	-17.08	-17.24	-11.09	-7.88	-8.16	-11.26	-14.97	-17.58	-23.69	-21.77	-15.86	-13.79	-11.31	-8.22	-5.90	-5.46
θ (45°)	-7.59	-9.23	-10.72	-11.06	-11.75	-14.83	-19.27	-25.52	-18.73	-12.31	-9.43	-10.05	-11.61	-9.97	-8.85	-10.65	-15.81	-27.71	-16.01	-10.02	-7.89	-8.47	-9.81	-8.84	-7.59
θ (60°)	-9.68	-10.48	-13.70	-13.55	-14.47	-16.37	-16.62	-18.38	-19.70	-14.69	-12.94	-14.71	-11.84	-10.85	-12.78	-13.73	-19.18	-24.00	-15.84	-13.46	-11.77	-8.76	-7.42	-9.73	-9.68
θ (75°)	-12.75	-15.59	-15.97	-16.46	-20.09	-31.69	-26.71	-17.82	-14.65	-15.95	-14.06	-12.14	-11.54	-10.52	-11.22	-12.80	-15.98	-23.23	-18.05	-12.61	-9.35	-9.28	-13.78	-12.88	-12.75
θ (90°)	-9.32	-8.74	-9.42	-8.63	-9.55	-11.56	-14.65	-18.46	-17.45	-38.19	-13.85	-13.84	-16.87	-9.61	-17.62	-8.54	-7.17	-13.45	-15.81	-6.41	[-4.25]	-6.23	-8.56	-8.03	-9.32
θ (105°)	-10.05	-10.65	-12.24	-13.81	-12.44	-14.17	-17.45	-20.67	-17.75	-14.21	-13.72	-14.38	-12.73	-12.30	-18.58	-8.16	-10.44	-23.22	-15.14	-11.23	-10.72	-10.84	-9.74	-10.49	-10.05
θ (120°)	-17.42	-20.18	-13.39	-15.42	-14.31	-11.91	-11.75	-14.60	-24.03	-19.87	-13.41	-16.36	-16.53	-11.37	-12.52	-11.80	-13.03	-21.37	-11.32	-7.10	-7.46	-12.27	-30.40	-15.89	-17.42
θ (135°)	-7.23	-8.52	-15.06	-14.78	-13.30	-15.54	-17.50	-15.11	-11.97	-10.48	-11.91	-17.72	-20.21	-18.03	-15.98	-8.82	-7.23	-9.40	-17.62	-14.20	-7.01	-5.04	-8.02	-13.43	-7.23
θ (150°)	-11.29	-9.02	-7.80	-8.84	-10.86	-13.59	-17.98	-36.20	-20.59	-17.65	-22.19	-23.94	-14.97	-12.13	-8.26	-5.72	-6.02	-10.29	-25.87	-12.05	-7.15	-5.74	-6.49	-9.28	-11.29
θ (165°)	-8.95	-9.27	-8.67	-8.87	-10.66	-13.60	-13.83	-12.25	-11.38	-11.54	-12.86	-15.39	-18.03	-15.90	-12.72	-11.55	-12.33	-16.24	-17.72	-10.75	-7.39	-6.12	-6.20	-7.21	-8.95
θ (180°)	-9.02	-9.52	-10.19	-10.64	-10.73	-10.62	-10.11	-8.88	-7.44	-6.29	-5.62	-5.54	-6.33	-7.97	-10.48	-14.26	-18.64	-16.77	-12.66	-10.05	-8.59	-7.90	-7.91	-8.23	-9.02

Ant.	No.1																								
Freq. (MHz)	5350																								
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°)	-17.82	-13.97	-11.19	-9.53	-8.55	-8.09	-7.86	-8.37	-10.01	-12.81	-16.64	-22.33	-20.92	-15.24	-11.71	-9.91	-8.89	-8.57	-8.81	-9.39	-10.86	-13.62	-18.65	-30.13	-17.82
θ (15°)	-9.91	-8.85	-7.99	-7.21	-6.43	-5.63	-5.24	-5.49	-6.26	-7.76	-10.00	-13.08	-15.93	-14.69	-11.60	-9.36	-8.38	-8.39	-9.24	-10.72	-12.53	-13.27	-12.60	-11.69	-9.91
θ (30°)	-7.79	-7.39	-7.05	-7.07	-7.22	-7.44	-7.63	-7.27	-6.68	-6.57	-6.86	-7.24	-8.49	-11.74	-17.07	-21.94	-17.39	-12.89	-10.57	-9.24	-8.33	-7.95	-8.08	-8.40	-7.79
θ (45°)	-10.94	-12.53	-10.86	-8.50	-6.38	-5.29	-4.94	-4.87	-5.65	-6.80	-7.33	-5.79	-4.08	-4.11	-6.00	-8.64	-10.58	-11.65	-11.00	-9.88	-9.80	-10.45	-10.33	-9.62	-10.94
θ (60°)	-9.49	-7.51	-6.68	-5.28	-5.01	-5.25	-5.91	-6.31	-5.73	-5.04	-5.98	-8.82	-11.35	-11.76	-10.16	-9.34	-11.84	-14.53	-15.66	-14.74	-13.83	-11.06	-8.49	-10.83	-9.49
θ (75°)	-3.82	-1.71	-0.62	-0.06	-0.15	-0.34	-0.53	-1.34	-2.62	-3.05	-3.91	-5.24	-4.68	-8.42	-12.63	-13.93	-14.67	-14.98	-13.56	-13.07	-12.72	-8.77	-6.52	-5.48	-3.82
θ (90°)	-4.18	-2.32	-1.99	-1.70	-1.31	-0.70	0.19	1.01	[1.31]	0.64	-0.02	-1.93	-4.13	-3.15	-8.71	-11.60	-15.85	-26.72	-20.21	-28.62	-19.91	-10.99	-7.21	-7.20	-4.18
θ (105°)	-4.25	-4.13	-3.43	-3.01	-0.97	-0.08	-0.22	-0.95	-1.52	-0.54	-0.29	-2.53	-5.83	-6.26	-7.36	-13.03	-12.09	-13.83	-16.86	-15.18	-13.47	-12.15	-14.58	-11.79	-4.25
θ (120°)	-1.79	-0.65	-0.32	-0.65	0.06	-0.07	-0.96	-1.72	-2.88	-3.45	-3.06	-4.34	-5.74	-8.75	-11.64	-13.60	-23.64	-15.53	-14.77	-15.57	-12.80	-7.38	-4.13	-2.54	-1.79
θ (135°)	-6.49	-6.75	-5.87	-3.82	-1.72	-0.52	-0.26	-0.76	-1.41	-1.71	-1.81	-2.50	-3.78	-5.67	-9.76	-15.44	-14.86	-12.31	-12.43	-15.89	-16.40	-13.44	-13.83	-11.61	-6.49
θ (150°)	-7.84	-8.41	-7.51	-7.21	-8.28	-8.77	-7.26	-5.67	-5.19	-6.14	-8.63	-12.42	-18.25	-12.95	-7.86	-6.84	-8.61	-11.10	-10.68	-9.31	-7.61	-5.79	-4.92	-5.46	-7.84
θ (165°)	-8.54	-9.19	-9.59	-8.16	-6.39	-5.44	-5.41	-6.52	-8.48	-11.53	-15.03	-14.41	-11.09	-8.84	-7.99	-8.26	-9.36	-10.80	-12.14	-13.44	-14.00	-12.60	-10.47	-9.14	-8.54
θ (180°)	-11.11	-10.18	-9.24	-8.65	-8.51	-8.75	-9.44	-10.44	-11.96	-13.58	-14.06	-12.88	-10.97	-9.60	-8.73	-8.20	-7.98	-7.98	-8.76	-9.75	-10.98	-11.85	-12.12	-11.72	-11.11
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°)	-8.00	-8.58	-10.08	-12.15	-15.95	-24.90	-20.51	-14.25	-11.50	-9.75	-8.81	-8.33	-8.39	-9.19	-11.00	-14.03	-18.54	-27.74	-24.34	-14.05	-10.60	-9.26	-8.45	-7.96	-8.00
θ (15°)	-9.53	-10.93	-12.10	-13.23	-15.11	-17.16	-15.95	-13.00	-10.23	-8.53	-7.67	-7.52	-7.80	-8.30	-9.49	-11.75	-15.78	-17.81	-13.69	-9.99	-8.28	-7.62	-7.62	-8.26	-9.53
θ (30°)	-5.35	-6.03	-6.72	-6.76	-7.25	-8.84	-11.15	-13.72	-13.98	-12.51	-12.96	-12.07	-8.80	-7.92	-9.95	-13.08	-14.23	-16.29	-21.78	-24.13	-16.60	-10.98	-7.30	-5.28	-5.35
θ (45°)	-6.80	-8.31	-9.19	-8.84	-9.18	-11.51	-16.28	-26.05	-27.72	-17.45	-11.45	-10.26	-11.76	-12.06	-10.54	-11.24	-16.44	-29.13	-15.28	-9.94	-7.73	-8.01	-8.80	-7.83	-6.80
θ (60°)	-9.63	-10.66	-12.93	-11.86	-13.58	-16.84	-19.65	-24.74	-22.82	-15.58	-13.46	-13.42	-11.43	-12.27	-14.25	-11.67	-13.90	-19.15	-16.96	-14.68	-12.46	-8.42	-6.96	-9.90	-9.63
θ (75°)	-14.05	-13.92	-15.03	-16.20	-18.64	-25.14	-31.28	-23.18	-17.80	-19.78	-17.17	-14.97	-12.49	-12.15	-12.08	-14.43	-16.84	-23.37	-16.82	-11.68	-9.34	-10.77	-16.80	-12.65	-14.05
θ (90°)	-8.38	-7.68	-9.94	-9.12	-9.81	-12.39	-16.59	-19.53	-17.59	-28.22	-16.46	-14.58	-19.99	-12.17	-18.80	-9.94	-8.87	-15.15	-14.85	-6.44	-4.53	-6.86	-8.55	-8.17	-8.38
θ (105°)	-9.66	-10.27	-11.52	-13.44	-12.04	-13.51	-15.73	-17.28	-18.63	-14.97	-13.07	-16.41	-11.96	-11.52	-22.56	-7.28	-8.75	-20.10	-16.53	-12.90	-11.89	-10.68	-9.26	-10.74	-9.66
θ (120°)	-17.47	-18.93	-12.27	-13.14	-12.16	-10.33	-9.54	-11.07	-17.89	-21.22	-14.37	-17.77	-18.43	-14.29	-11.99	-10.86	-15.56	-24.88	-10.04	-6.35	-6.92	-11.87	-31.95	-15.36	-17.47
θ (135°)	-6.44	-8.04	-13.38	-12.49	-11.96	-14.87	-16.32	-14.00	-11.68	-10.81	-13.09	-17.91	-16.74	-17.26	-17.84	-9.08	-7.20	-9.91	-18.65	-12.40	-6.13	[-4.51]	-7.54	-11.49	-6.44
θ (150°)	-10.11	-8.25	-7.52	-9.07	-11.33	-13.36	-17.32	-27.78	-26.94	-22.13	-26.88	-23.92	-15.78	-13.06	-8.62	-5.74	-5.83	-10.19	-36.35	-11.47	-6.63	-5.16	-5.88	-8.51	-10.11
θ (165°)	-7.91	-8.43	-8.13	-8.42	-10.00	-11.97	-12.42	-11.85	-11.20	-11.41	-12.58	-15.17	-18.86	-16.63	-12.61	-11.27	-12.32	-15.74	-15.27	-10.61	-7.58	-6.07	-5.87	-6.45	-7.91
θ (180°)	-8.69	-8.87	-9.31	-9.59	-9.92	-9.94	-9.13	-8.17	-7.14	-6.28	-5.83	-5.92	-6.77	-8.20	-10.15	-13.05	-15.29	-14.97	-12.80	-10.82	-9.56	-8.69	-8.36	-8.32	-8.69

Ant.	No.1																								
Freq. (MHz)	5470																								
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°)	-21.48	-15.12	-10.54	-8.08	-6.70	-6.25	-6.30	-6.96	-8.22	-10.16	-13.11	-17.93	-25.17	-19.03	-13.55	-10.30	-8.45	-7.41	-7.11	-7.45	-8.65	-10.71	-13.93	-19.78	-21.48
θ (15°)	-8.35	-6.52	-5.22	-4.25	-3.69	-3.51	-3.57	-3.95	-4.57	-5.82	-7.75	-10.20	-12.81	-13.95	-11.82	-9.02	-7.74	-7.79	-8.60	-9.72	-10.93	-12.17	-11.96	-10.09	-8.35
θ (30°)	-4.05	-4.02	-4.81	-5.78	-6.20	-6.16	-5.80	-5.37	-4.83	-4.54	-4.96	-6.08	-7.47	-9.41	-12.30	-15.43	-17.45	-14.71	-11.50	-9.45	-7.95	-7.26	-6.66	-5.41	-4.05
θ (45°)	-10.03	-8.18	-6.42	-5.19	-4.49	-3.84	-3.06	-2.78	-3.74	-5.44	-6.21	-5.65	-4.02	-3.08	-4.16	-6.76	-8.95	-9.70	-9.56	-9.73	-10.61	-10.27	-8.92	-8.87	-10.03
θ (60°)	-6.91	-7.30	-6.18	-5.27	-5.47	-5.46	-4.76	-3.89	-3.15	-2.41	-2.60	-4.15	-7.13	-8.27	-8.70	-8.04	-8.74	-10.95	-12.77	-13.40	-12.67	-10.58	-11.98	-12.23	-6.91
θ (75°)	-2.61	-1.40	-1.17	-0.76	-0.96	-0.90	-0.88	-1.36	-2.74	-4.02	-4.01	-6.19	-5.14	-6.13	-8.74	-11.26	-16.42	-15.63	-13.48	-14.50	-15.00	-9.53	-6.65	-4.54	-2.61
θ (90°)	-2.45	-1.54	-1.64	-1.18	-0.51	-0.01	0.20	1.10	2.17	[2.29]	1.05	-0.30	-3.13	-3.57	-6.30	-9.76	-12.12	-19.91	-31.75	-27.94	-16.16	-9.19	-6.38	-6.24	-2.45
θ (105°)	-4.95	-5.01	-3.64	-1.83	0.20	0.37	-0.17	-0.78	-1.59	-1.60	-1.13	-1.94	-3.94	-7.88	-7.47	-11.89	-10.93	-10.06	-13.71	-15.13	-10.32	-9.88	-13.24	-8.46	-4.95
θ (120°)	-2.26	-1.21	-1.28	-1.56	-1.50	-3.27	-4.08	-3.73	-3.37	-3.94	-5.53	-7.65	-6.04	-7.82	-14.86	-13.31	-18.83	-16.77	-14.65	-17.22	-12.27	-6.45	-3.09	-2.23	-2.26
θ (135°)	-6.61	-6.48	-4.68	-2.27	-0.77	-0.29	-0.45	-1.03	-1.48	-1.48	-1.45	-1.71	-2.60	-4.93	-8.34	-15.13	-20.81	-14.18	-14.51	-18.40	-15.06	-12.48	-13.19	-11.38	-6.61
θ (150°)	-7.06	-7.89	-7.91	-8.79	-11.15	-11.20	-8.21	-6.36	-5.31	-5.40	-7.41	-11.56	-21.46	-12.53	-7.48	-6.94	-8.83	-9.94	-8.85	-8.17	-6.66	-4.95	-4.25	-4.88	-7.06
θ (165°)	-7.66	-7.55	-7.37	-6.45	-5.06	-4.35	-4.46	-5.58	-7.53	-10.55	-15.50	-18.90	-12.69	-9.03	-7.69	-8.17	-9.75	-12.05	-14.48	-16.27	-16.43	-13.83	-10.88	-9.15	-7.66
θ (180°)	-10.18	-9.41	-8.77	-8.55	-8.55	-9.14	-10.34	-11.54	-12.60	-13.42	-12.98	-11.55	-10.03	-9.15	-8.78	-8.80	-9.35	-9.96	-10.90	-11.94	-12.76	-12.90	-12.31	-11.17	-10.18
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°)	-6.44	-7.05	-8.44	-10.45	-13.58	-18.31	-20.09	-15.34	-11.58	-9.47	-8.42	-7.64	-7.52	-7.96	-9.00	-10.68	-13.61	-18.14	-17.56	-14.16	-11.15	-8.81	-7.29	-6.48	-6.44
θ (15°)	-11.08	-12.01	-13.53	-15.60	-18.52	-18.60	-13.99	-10.32	-7.58	-6.11	-5.80	-5.69	-5.86	-6.32	-7.25	-9.92	-15.03	-27.28	-20.85	-14.11	-11.33	-10.26	-10.11	-10.41	-11.08
θ (30°)	-7.32	-8.24	-9.13	-9.03	-8.97	-9.97	-11.39	-11.94	-9.72	-6.64	-5.51	-6.86	-8.02	-6.68	-7.32	-11.52	-17.48	-18.31	-20.53	-18.19	-12.63	-9.65	-7.80	-6.71	-7.32
θ (45°)	-5.90	-7.51	-7.97	-7.05	-7.43	-10.26	-16.05	-18.10	-12.34	-9.42	-8.99	-10.92	-8.96	-9.04	-11.68	-12.65	-14.72	-25.64	-18.30	-11.36	-9.47	-9.35	-8.31	-6.64	-5.90
θ (60°)	-10.26	-11.40	-11.67	-11.66	-16.59	-25.29	-23.62	-22.08	-20.00	-16.64	-10.96	-8.88	-9.25	-9.10	-11.77	-15.30	-14.93	-20.24	-35.19	-26.27	-14.56	-8.68	-8.13	-13.33	-10.26
θ (75°)	-14.03	-15.96	-15.59	-14.77	-20.61	-21.12	-25.55	-22.29	-15.18	-15.72	-15.55	-16.12	-12.30	-13.97	-13.42	-14.19	-15.47	-19.43	-16.40	-11.51	-10.52	-12.71	-14.27	-13.56	-14.03
θ (90°)	-6.59	-7.57	-9.89	-7.83	-9.32	-12.70	-20.08	-30.60	-19.55	-20.58	-22.97	-17.11	-25.27	-13.16	-32.68	-13.02	-11.17	-17.09	-13.84	-6.63	-4.99	-6.06	-6.18	-5.78	-6.59
θ (105°)	-6.79	-9.18	-9.51	-10.74	-9.11	-11.50	-13.83	-12.77	-11.64	-13.82	-11.75	-10.54	-12.52	-8.36	-26.55	-6.06	-6.12	-15.18	-12.54	-9.22	-7.90	-7.13	-8.61	-8.55	-6.79
θ (120°)	-18.00	-13.03	-10.41	-13.73	-12.88	-10.84	-9.77	-9.45	-10.85	-16.90	-11.52	-11.10	-18.03	-13.57	-13.94	-8.69	-10.93	-19.77	-8.79	-4.95	-5.63	-11.06	-23.64	-14.01	-18.00
θ (135°)	-5.95	-8.76	-11.64	-8.88	-10.29	-14.22	-15.48	-12.89	-9.51	-9.06	-13.59	-18.89	-19.48	-31.51	-19.87	-11.20	-9.72	-13.50	-17.92	-10.51	-5.78	[-4.35]	-7.51	-11.28	-5.95
θ (150°)	-9.94	-8.07	-7.12	-8.48	-10.71	-12.83	-15.26	-19.50	-24.06	-20.61	-21.20	-32.52	-21.58	-17.72	-10.53	-6.46	-6.03	-10.12	-23.24	-10.90	-6.65	-5.34	-5.89	-8.25	-9.94
θ (165°)	-6.83	-7.77	-7.30	-7.25	-8.34	-10.19	-10.08	-9.39	-9.77	-11.06	-13.19	-16.59	-23.49	-21.76	-15.09	-12.03	-11.27	-11.98	-13.61	-11.57	-8.18	-5.98	-5.17	-5.53	-6.83
θ (180°)	-9.65	-10.08	-10.50	-10.49	-9.69	-8.90	-8.24	-7.63	-6.71	-5.82	-5.58	-5.98	-7.17	-9.03	-11.32	-14.24	-15.89	-14.43	-11.89	-10.03	-9.16	-8.86	-8.78	-8.88	-9.65

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°)	-14.70	-11.53	-8.99	-7.48	-6.58	-6.34	-6.63	-7.40	-9.03	-11.95	-17.24	-24.10	-16.77	-12.26	-9.73	-7.96	-6.98	-6.87	-7.58	-8.66	-10.22	-12.86	-17.30	-20.85	-14.70
θ (15°)	-8.45	-7.34	-6.14	-5.28	-4.98	-5.09	-5.32	-5.73	-6.58	-8.00	-10.17	-14.14	-20.29	-25.93	-18.73	-13.63	-11.16	-9.83	-9.40	-10.38	-12.34	-13.87	-12.62	-10.86	-8.45
θ (30°)	-4.14	-4.63	-4.90	-4.44	-4.30	-4.55	-4.84	-4.84	-4.49	-4.06	-4.29	-5.84	-8.60	-11.26	-13.26	-14.24	-14.83	-15.65	-16.31	-15.00	-11.98	-9.59	-7.16	-4.90	-4.14
θ (45°)	-4.22	-3.73	-3.15	-2.69	-2.86	-3.18	-3.08	-2.38	-1.49	-1.86	-3.59	-4.83	-6.09	-6.05	-5.82	-7.23	-10.00	-13.64	-14.24	-11.18	-8.00	-6.22	-5.77	-5.42	-4.22
θ (60°)	-6.40	-6.04	-4.93	-4.27	-3.29	-2.39	-1.48	-0.92	-1.30	-1.82	-1.58	-1.69	-3.42	-4.89	-7.14	-9.98	-10.87	-12.46	-15.95	-16.31	-13.07	-10.09	-8.86	-7.22	-6.40
θ (75°)	-4.59	-3.87	-2.32	-1.85	-1.99	-1.79	-1.61	-1.36	-1.53	-3.13	-4.52	-4.66	-6.45	-5.52	-7.63	-9.22	-11.34	-15.89	-22.07	-23.90	-14.33	-9.39	-8.01	-5.74	-4.59
θ (90°)	-2.77	-2.56	-1.19	-0.45	-0.55	-0.61	-0.41	0.53	[1.37]	1.12	0.13	-1.07	-3.13	-4.92	-8.19	-10.00	-11.07	-14.37	-17.77	-18.52	-12.39	-7.44	-6.10	-5.36	-2.77
θ (105°)	-4.85	-3.41	-2.22	-0.80	-0.14	-0.43	-0.25	0.26	0.14	-1.07	-1.58	-2.16	-4.10	-5.45	-7.70	-16.78	-12.63	-9.47	-11.52	-18.56	-10.47	-8.33	-8.07	-5.04	-4.85
θ (120°)	-4.46	-3.65	-4.45	-5.36	-5.69	-6.35	-5.45	-3.54	-2.55	-3.22	-4.73	-6.36	-9.65	-8.72	-11.39	-13.00	-15.25	-28.11	-20.81	-21.35	-17.93	-8.34	-5.01	-4.54	-4.46
θ (135°)	-8.57	-8.25	-5.75	-3.98	-3.27	-2.82	-2.68	-3.13	-3.86	-4.57	-4.73	-4.54	-4.41	-6.15	-9.68	-15.33	-18.25	-14.11	-16.85	-22.52	-15.49	-12.53	-14.39	-13.64	-8.57
θ (150°)	-9.88	-10.76	-11.97	-14.90	-17.88	-12.76	-10.33	-8.74	-7.19	-5.91	-5.76	-7.11	-11.98	-34.02	-12.87	-10.92	-12.36	-11.77	-10.63	-10.16	-9.74	-8.42	-7.33	-7.67	-9.88
θ (165°)	-8.55	-8.51	-8.67	-8.20	-7.14	-6.81	-7.17	-7.75	-8.27	-9.16	-11.55	-17.68	-24.63	-16.13	-13.46	-13.68	-15.45	-18.64	-23.91	-29.78	-23.67	-16.77	-12.35	-10.10	-8.55
θ (180°)	-11.78	-11.23	-11.09	-11.29	-12.07	-13.91	-15.44	-17.51	-18.83	-17.14	-14.55	-12.56	-11.31	-11.00	-11.50	-12.32	-13.59	-15.13	-17.27	-20.64	-20.10	-17.34	-14.86	-13.06	-11.78
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°)	-6.55	-7.37	-9.02	-11.93	-17.19	-20.88	-16.15	-11.80	-8.75	-7.06	-6.39	-6.50	-7.28	-8.62	-10.60	-13.59	-17.55	-16.75	-13.24	-10.88	-8.68	-7.13	-6.38	-6.18	-6.55
θ (15°)	-9.84	-10.31	-11.97	-16.02	-22.44	-19.24	-14.53	-11.19	-8.90	-6.99	-5.84	-5.63	-6.21	-7.24	-8.39	-10.79	-13.45	-17.57	-20.24	-15.50	-12.06	-10.16	-9.70	-9.89	-9.84
θ (30°)	-15.02	-17.23	-15.20	-13.90	-14.06	-14.09	-13.78	-14.24	-13.07	-8.65	-5.58	-5.07	-7.15	-8.49	-7.95	-9.67	-14.36	-24.47	-21.04	-16.35	-14.65	-13.28	-11.84	-11.53	-15.02
θ (45°)	-8.90	-10.98	-9.12	-8.27	-9.81	-12.57	-16.76	-26.98	-16.98	-11.03	-8.66	-8.88	-9.38	-8.25	-9.27	-10.27	-12.55	-20.41	-29.47	-17.10	-12.32	-10.70	-10.18	-8.57	-8.90
θ (60°)	-13.62	-16.98	-12.90	-14.70	-21.53	-17.80	-19.14	-30.88	-17.48	-14.81	-12.69	-8.96	-7.84	-11.14	-12.95	-12.11	-15.06	-21.65	-31.70	-17.94	-15.29	-15.30	-19.09	-19.57	-13.62
θ (75°)	-15.96	-17.07	-13.89	-17.93	-21.11	-20.63	-25.35	-34.91	-21.75	-19.10	-24.48	-19.62	-14.07	-13.77	-16.00	-22.24	-21.80	-23.26	-20.15	-14.51	-13.69	-14.95	-17.90	-14.37	-15.96
θ (90°)	-7.82	-8.37	-9.54	-9.14	-12.56	-18.29	-23.94	-25.36	-21.96	-17.92	-21.02	-15.37	-19.53	-15.02	-14.71	-22.59	-16.18	-22.60	-20.22	-11.02	-7.55	-6.53	-8.14	-7.84	-7.82
θ (105°)	-7.04	-8.18	-9.06	-9.18	-9.23	-11.05	-12.13	-11.11	-10.11	-11.52	-14.31	-10.33	-11.09	-8.71	-16.48	-8.95	-6.77	-13.11	-16.30	-9.15	-6.38	-6.90	-9.80	-6.67	-7.04
θ (120°)	-10.57	-11.13	-12.97	-13.52	-11.51	-11.00	-11.02	-11.98	-13.85	-14.44	-11.27	-11.67	-16.48	-12.69	-12.99	-6.57	-6.54	-12.97	-11.61	-6.19	[-4.91]	-7.79	-12.55	-9.56	-10.57
θ (135°)	-8.29	-12.52	-10.11	-9.23	-12.36	-14.95	-15.07	-13.25	-10.41	-10.67	-17.72	-15.92	-14.22	-16.86	-21.93	-19.42	-15.35	-23.79	-18.52	-9.69	-5.74	-5.78	-10.95	-10.88	-8.29
θ (150°)	-11.27	-10.39	-10.85	-12.93	-12.69	-12.20	-14.69	-19.92	-31.03	-28.65	-23.07	-22.53	-21.88	-36.53	-14.11	-9.14	-8.78	-12.78	-24.18	-14.95	-9.30	-7.36	-8.02	-10.26	-11.27
θ (165°)	-8.14	-8.69	-8.73	-9.23	-9.68	-9.98	-9.73	-9.68	-10.25	-11.60	-13.26	-14.93	-18.70	-37.96	-18.41	-13.24	-12.14	-13.36	-15.74	-14.34	-10.22	-7.59	-6.65	-6.97	-8.14
θ (180°)	-15.81	-16.77	-16.97	-15.69	-13.64	-12.03	-10.54	-9.38	-8.43	-7.94	-8.23	-9.17	-10.82	-12.76	-14.36	-16.15	-16.22	-13.87	-12.20	-12.17	-12.45	-12.67	-13.03	-13.78	-15.81

Ant.	No.1																								
Freq. (MHz)	5725																								
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°)	-12.35	-9.05	-6.62	-5.12	-4.39	-4.16	-4.55	-5.58	-7.39	-10.37	-15.45	-19.41	-14.93	-10.37	-7.65	-6.11	-5.31	-4.96	-5.01	-5.86	-7.85	-11.57	-18.24	-21.03	-12.35
θ (15°)	-8.53	-6.50	-5.05	-4.17	-3.73	-3.88	-4.44	-5.30	-6.50	-8.11	-10.13	-13.85	-21.19	-31.92	-18.63	-13.94	-11.15	-9.85	-9.81	-10.79	-12.18	-13.15	-12.37	-10.63	-8.53
θ (30°)	-5.09	-5.17	-4.27	-3.40	-3.01	-2.74	-2.62	-2.79	-3.47	-4.19	-4.58	-5.17	-6.34	-8.24	-9.67	-9.92	-10.34	-11.65	-13.72	-14.81	-13.85	-10.71	-7.28	-5.09	-5.09
θ (45°)	-3.69	-3.40	-2.64	-2.57	-2.84	-2.90	-2.98	-3.11	-2.69	-1.98	-2.22	-3.52	-5.63	-8.92	-9.48	-9.53	-10.21	-10.64	-10.19	-8.85	-7.37	-6.66	-6.37	-5.23	-3.69
θ (60°)	-4.77	-4.26	-3.15	-2.32	-1.85	-1.21	-0.61	-0.31	-0.45	-1.00	-1.74	-1.54	-1.37	-3.24	-5.28	-8.40	-11.10	-12.04	-12.88	-12.62	-9.88	-7.22	-6.64	-5.61	-4.77
θ (75°)	-5.26	-3.37	-1.81	-1.41	-1.45	-1.28	-1.01	-0.56	-0.56	-1.35	-2.87	-3.72	-5.70	-4.83	-5.86	-8.11	-10.35	-12.28	-14.31	-15.35	-12.08	-10.64	-8.55	-5.47	-5.26
θ (90°)	-1.47	-1.16	-0.18	0.12	0.45	0.39	0.19	0.30	[0.56]	0.54	-0.42	-1.51	-3.94	-6.33	-9.72	-12.27	-11.72	-13.46	-14.67	-17.37	-14.98	-9.11	-6.64	-4.37	-1.47
θ (105°)	-2.49	-1.28	-1.43	-0.42	0.18	0.00	0.09	0.40	0.28	-0.47	-0.95	-1.02	-2.50	-5.42	-7.34	-15.16	-16.42	-12.15	-14.88	-24.44	-10.91	-8.07	-6.33	-3.28	-2.49
θ (120°)	-4.96	-4.23	-6.12	-5.74	-5.09	-4.71	-3.28	-1.96	-1.30	-1.82	-3.01	-4.05	-6.56	-8.32	-10.26	-11.92	-14.50	-26.47	-25.43	-23.86	-16.60	-9.40	-6.03	-5.46	-4.96
θ (135°)	-9.36	-9.17	-5.72	-4.63	-4.41	-4.06	-3.85	-4.19	-4.80	-6.41	-7.53	-6.53	-5.52	-6.14	-8.04	-11.37	-21.38	-13.93	-14.09	-18.22	-14.04	-11.93	-13.38	-11.39	-9.36
θ (150°)	-10.98	-13.65	-14.80	-16.25	-13.85	-9.33	-7.41	-6.58	-5.87	-5.03	-4.41	-4.69	-7.68	-17.18	-16.30	-14.74	-23.37	-18.07	-14.49	-14.72	-13.72	-9.13	-6.70	-6.92	-10.98
θ (165°)	-8.84	-9.65	-10.75	-11.02	-9.69	-8.41	-7.97	-7.82	-7.23	-6.85	-7.83	-11.13	-18.85	-27.20	-18.44	-17.26	-20.12	-23.38	-22.78	-23.77	-27.30	-17.83	-12.30	-9.92	-8.84
θ (180°)	-12.90	-13.32	-14.45	-15.58	-16.70	-18.69	-18.71	-17.16	-15.86	-14.47	-13.19	-12.19	-12.30	-13.61	-15.60	-18.12	-19.40	-20.52	-22.09	-17.93	-15.75	-14.32	-13.27	-12.63	-12.90
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°)	-5.33	-6.32	-8.37	-11.59	-16.44	-18.26	-13.20	-9.67	-7.61	-6.28	-5.38	-5.15	-5.54	-6.58	-8.67	-12.14	-17.10	-17.69	-12.29	-8.48	-6.31	-5.07	-4.51	-4.51	-5.33
θ (15°)	-6.69	-7.84	-10.38	-14.93	-21.25	-17.77	-13.54	-9.77	-7.45	-6.16	-5.41	-5.23	-5.65	-6.87	-8.68	-10.41	-13.00	-16.40	-15.89	-12.61	-10.33	-8.61	-7.27	-6.77	-6.69
θ (30°)	-13.15	-12.06	-12.25	-15.29	-19.54	-18.02	-15.29	-13.69	-13.11	-11.28	-7.69	-5.64	-5.92	-8.07	-9.24	-10.10	-14.20	-24.35	-21.37	-14.67	-12.11	-10.56	-9.71	-10.81	-13.15
θ (45°)	-8.71	-9.94	-8.45	-9.28	-12.18	-15.31	-18.22	-21.98	-22.70	-14.95	-9.71	-7.98	-8.90	-8.46	-8.14	-9.79	-11.94	-17.85	-23.96	-11.99	-8.77	-9.12	-9.35	-7.62	-8.71
θ (60°)	-13.47	-13.59	-12.53	-13.90	-14.36	-14.27	-17.58	-38.28	-19.55	-15.51	-11.80	-10.70	-7.39	-8.05	-14.02	-11.87	-12.80	-18.23	-22.82	-13.42	-11.18	-12.59	-16.99	-14.58	-13.47
θ (75°)	-27.32	-16.63	-16.24	-26.83	-16.38	-16.26	-19.38	-20.70	-19.92	-18.87	-22.22	-22.10	-16.00	-15.34	-13.72	-14.13	-20.76	-23.70	-20.65	-30.39	-18.06	-18.83	-24.90	-16.11	-27.32
θ (90°)	-6.83	-9.00	-9.80	-8.21	-13.41	-22.38	-25.27	-23.39	-21.27	-20.83	-20.36	-16.53	-18.90	-16.80	-14.09	-24.28	-19.10	-22.15	-21.73	-12.37	-7.83	-6.81	-8.19	-7.47	-6.83
θ (105°)	-8.27	-8.76	-12.19	-11.15	-10.63	-13.28	-15.11	-13.73	-10.43	-9.24	-11.87	-10.80	-9.38	-9.07	-12.32	-10.40	-6.96	-13.59	-16.41	-8.10	-6.31	-8.13	-9.10	-5.91	-8.27
θ (120°)	-7.75	-8.12	-9.41	-11.14	-9.98	-10.10	-10.89	-11.87	-12.80	-12.52	-11.02	-11.18	-18.76	-12.03	-16.12	-7.91	-6.15	-11.81	-12.92	-5.32	[-3.34]	-5.39	-9.71	-6.54	-7.75
θ (135°)	-7.64	-9.48	-7.17	-7.49	-9.95	-10.64	-12.05	-13.11	-11.82	-13.68	-18.84	-13.69	-13.77	-13.14	-16.68	-11.42	-8.52	-13.65	-18.71	-7.44	-4.29	-5.08	-10.42	-9.45	-7.64
θ (150°)	-13.64	-11.84	-11.65	-12.22	-12.38	-13.15	-15.63	-21.69	-26.76	-18.80	-18.47	-20.16	-13.76	-14.52	-17.57	-9.20	-7.10	-9.60	-21.67	-14.96	-8.72	-6.97	-7.87	-11.56	-13.64
θ (165°)	-11.09	-11.35	-9.73	-9.75	-10.69	-11.80	-11.68	-11.52	-12.21	-13.27	-12.80	-12.12	-13.11	-18.93	-25.85	-16.90	-14.06	-15.14	-20.19	-16.60	-10.10	-7.51	-7.15	-8.32	-11.09
θ (180°)	-22.96	-20.62	-17.11	-14.88	-13.30	-12.10	-11.00	-10.71	-11.08	-11.84	-12.81	-13.71	-14.15	-14.47	-14.60	-14.08	-14.04	-13.86	-13.71	-14.41	-15.84	-17.42	-19.49	-21.97	-22.96

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°)	-11.81	-8.43	-5.97	-4.41	-3.72	-3.66	-4.29	-5.45	-7.19	-10.31	-17.56	-21.21	-12.97	-9.16	-6.80	-5.22	-4.17	-3.95	-4.60	-6.02	-8.11	-11.42	-17.67	-20.98	-11.81
θ (15°)	-8.69	-6.15	-4.43	-3.34	-2.93	-3.16	-3.72	-4.67	-6.20	-8.52	-12.37	-19.40	-41.32	-18.74	-13.76	-11.66	-10.67	-10.00	-9.31	-9.53	-11.65	-14.22	-13.51	-11.46	-8.69
θ (30°)	-5.53	-5.26	-3.99	-3.20	-3.03	-3.09	-3.05	-2.81	-2.96	-4.17	-5.90	-6.60	-6.99	-7.80	-8.63	-8.92	-9.18	-10.05	-11.58	-12.91	-12.29	-9.57	-6.44	-4.88	-5.53
θ (45°)	-3.36	-3.27	-2.25	-2.26	-2.54	-2.63	-2.81	-3.00	-2.97	-2.52	-1.97	-2.93	-5.36	-9.26	-11.85	-10.80	-10.53	-9.69	-8.68	-7.48	-6.43	-6.19	-6.14	-4.63	-3.36
θ (60°)	-4.41	-3.72	-2.55	-1.72	-1.36	-0.92	-0.40	-0.32	-0.42	-0.59	-1.44	-2.43	-1.34	-2.64	-4.45	-6.86	-10.34	-12.21	-13.14	-12.54	-9.47	-7.30	-6.87	-5.69	-4.41
θ (75°)	-4.47	-2.67	-1.04	-1.05	-1.03	-0.87	-0.74	-0.24	0.02	-0.72	-2.13	-2.62	-5.72	-5.36	-5.17	-7.44	-10.07	-12.21	-14.26	-16.55	-12.25	-10.42	-8.80	-5.81	-4.47
θ (90°)	-0.99	-0.82	0.16	0.42	0.63	0.44	0.34	0.41	0.70	0.61	0.03	-1.20	-3.28	-6.75	-9.52	-13.14	-12.39	-13.55	-15.20	-18.78	-14.47	-8.61	-6.07	-3.59	-0.99
θ (105°)	-1.36	-0.85	-1.20	0.12	0.38	0.23	0.58	[0.81]	0.57	-0.27	-0.67	-0.87	-2.40	-5.57	-7.22	-13.28	-18.34	-12.14	-16.62	-19.62	-8.60	-6.78	-5.35	-2.64	-1.36
θ (120°)	-4.18	-3.87	-6.25	-5.10	-4.45	-3.74	-2.39	-1.53	-1.23	-1.88	-2.63	-3.04	-5.25	-8.61	-10.88	-12.66	-16.01	-24.56	-26.06	-21.53	-15.01	-9.58	-6.71	-6.27	-4.18
θ (135°)	-10.25	-8.98	-5.65	-4.86	-4.22	-3.36	-3.38	-4.08	-5.22	-7.24	-8.99	-6.98	-5.07	-5.98	-8.25	-10.86	-21.74	-16.43	-14.97	-17.23	-13.56	-11.70	-12.75	-11.39	-10.25
θ (150°)	-11.25	-13.74	-14.54	-15.72	-13.32	-9.42	-7.54	-6.29	-5.78	-5.23	-4.58	-4.77	-7.68	-17.35	-15.09	-13.25	-20.93	-22.70	-16.57	-18.35	-14.44	-8.53	-6.31	-6.87	-11.25
θ (165°)	-8.94	-10.00	-11.29	-10.68	-8.90	-7.96	-7.73	-7.52	-6.91	-6.78	-7.78	-10.72	-17.73	-25.36	-18.76	-17.25	-18.35	-19.80	-19.14	-19.34	-25.16	-18.67	-12.33	-9.72	-8.94
θ (180°)	-12.18	-12.65	-13.91	-15.73	-18.85	-22.77	-19.23	-16.40	-14.56	-13.07	-12.23	-12.05	-12.72	-14.32	-16.51	-19.12	-21.48	-23.03	-20.63	-15.68	-13.95	-13.04	-12.41	-11.80	-12.18
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°)	-4.93	-5.93	-8.00	-11.66	-19.25	-18.50	-11.49	-8.01	-6.09	-5.02	-4.47	-4.50	-5.15	-6.49	-8.70	-12.75	-19.96	-18.39	-12.09	-7.94	-5.70	-4.53	-4.02	-4.04	-4.93
θ (15°)	-6.03	-7.32	-9.94	-15.09	-25.57	-16.25	-11.02	-8.24	-6.52	-5.10	-4.14	-3.83	-4.25	-5.34	-7.10	-8.87	-11.26	-13.54	-13.65	-11.00	-8.27	-6.74	-5.98	-5.76	-6.03
θ (30°)	-12.15	-11.11	-12.01	-15.95	-19.81	-18.96	-17.10	-13.65	-10.44	-8.88	-7.51	-5.73	-4.93	-6.08	-8.26	-10.27	-14.08	-25.28	-23.27	-16.80	-14.24	-11.45	-9.90	-11.09	-12.15
θ (45°)	-9.28	-9.58	-7.60	-9.19	-13.74	-18.85	-20.66	-20.81	-19.54	-15.78	-9.95	-6.69	-7.30	-8.95	-8.72	-8.75	-10.36	-16.03	-24.47	-12.50	-9.52	-10.17	-9.33	-7.44	-9.28
θ (60°)	-13.04	-14.40	-13.39	-13.50	-14.19	-14.41	-16.22	-25.56	-24.13	-15.51	-10.97	-11.19	-7.66	-7.53	-14.21	-12.57	-12.63	-17.85	-19.95	-11.75	-9.09	-10.20	-14.85	-12.94	-13.04
θ (75°)	-30.54	-16.56	-20.39	-20.66	-14.37	-16.19	-18.74	-17.84	-19.57	-30.43	-26.12	-23.68	-18.59	-15.82	-12.82	-12.18	-18.21	-25.35	-19.20	-20.82	-24.13	-35.90	-25.49	-21.93	-30.54
θ (90°)	-7.90	-11.17	-9.46	-9.45	-17.11	-22.69	-24.48	-23.02	-19.74	-18.24	-20.52	-19.97	-18.26	-19.61	-13.99	-20.33	-24.30	-24.46	-28.08	-14.26	-8.81	-7.67	-8.84	-8.83	-7.90
θ (105°)	-8.61	-8.77	-12.25	-9.54	-11.24	-17.49	-20.73	-15.87	-11.54	-10.35	-12.50	-12.91	-9.81	-10.14	-12.41	-10.48	-7.28	-15.14	-15.22	-7.75	-5.93	-7.48	-7.69	-5.68	-8.61
θ (120°)	-7.99	-8.33	-9.83	-11.48	-10.25	-10.60	-11.52	-11.77	-11.95	-11.25	-9.91	-9.93	-17.92	-12.27	-14.57	-7.47	-6.42	-13.06	-12.19	-4.97	-3.12	-5.33	-8.81	-5.83	-7.99
θ (135°)	-6.98	-8.55	-6.84	-7.28	-8.70	-9.35	-10.93	-12.10	-11.26	-13.15	-18.74	-12.79	-13.65	-13.15	-15.74	-11.81	-8.94	-14.60	-15.98	-6.00	[-2.99]	-3.98	-9.14	-8.33	-6.98
θ (150°)	-12.86	-10.71	-10.53	-11.56	-11.20	-11.11	-12.76	-17.57	-24.77	-19.41	-18.81	-22.10	-13.59	-13.18	-16.07	-8.99	-6.80	-9.51	-22.50	-13.86	-7.81	-6.34	-7.85	-12.33	-12.86
θ (165°)	-11.76	-11.42	-9.81	-9.63	-10.01	-10.39	-10.60	-11.39	-12.40	-13.26	-12.61	-11.50	-12.19	-17.09	-22.92	-16.77	-14.13	-15.86	-22.60	-15.40	-9.44	-7.28	-7.35	-8.84	-11.76
θ (180°)	-21.17	-17.95	-14.62	-12.65	-11.87	-12.24	-11.79	-10.95	-10.82	-11.43	-12.54	-13.48	-13.77	-13.26	-12.96	-12.81	-13.16	-13.20	-13.72	-15.56	-17.93	-19.91	-22.19	-24.13	-21.17

Ant.	No.1																								
Freq. (MHz)	5850																								
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°)	-12.82	-9.52	-7.17	-5.65	-4.84	-4.50	-4.80	-5.74	-7.78	-11.23	-17.97	-29.85	-14.30	-9.43	-6.79	-5.42	-4.57	-4.54	-5.21	-6.55	-8.59	-11.82	-18.06	-22.21	-12.82
θ (15°)	-9.60	-6.48	-4.75	-3.79	-3.42	-3.47	-3.79	-4.54	-6.06	-8.49	-12.39	-18.83	-20.67	-14.26	-10.93	-9.18	-8.19	-7.96	-8.97	-10.68	-13.50	-16.81	-16.31	-13.36	-9.60
θ (30°)	-6.65	-6.15	-4.71	-4.20	-4.23	-4.00	-3.67	-3.82	-3.97	-4.41	-6.35	-9.11	-9.50	-9.16	-9.59	-10.02	-9.85	-9.99	-10.71	-12.00	-11.83	-9.31	-6.64	-5.63	-6.65
θ (45°)	-3.87	-3.46	-2.26	-2.47	-2.78	-2.70	-2.85	-3.28	-3.59	-3.38	-3.09	-3.38	-4.96	-8.52	-14.04	-13.62	-11.68	-10.80	-9.93	-7.86	-6.45	-6.74	-6.02	-4.18	-3.87
θ (60°)	-4.35	-3.75	-2.20	-1.57	-1.59	-1.42	-0.89	-0.56	-0.64	-0.82	-1.36	-2.77	-2.41	-2.86	-4.89	-6.43	-9.92	-13.60	-14.35	-13.26	-10.14	-7.74	-7.74	-5.97	-4.35
θ (75°)	-4.18	-1.74	-0.53	-0.80	-0.63	-0.71	-0.73	-0.31	0.06	-0.52	-1.56	-2.23	-4.91	-6.64	-5.58	-6.88	-9.87	-12.79	-18.08	-19.80	-12.47	-11.52	-9.51	-5.82	-4.18
θ (90°)	-1.47	-0.89	0.15	0.27	0.40	0.18	0.07	0.07	0.18	[0.57]	0.07	-1.36	-3.36	-7.24	-9.45	-13.17	-14.74	-16.53	-17.28	-25.01	-14.31	-8.58	-7.13	-3.62	-1.47
θ (105°)	-1.27	-1.28	-1.06	0.03	0.01	0.23	0.55	0.48	0.24	-0.21	-0.92	-1.17	-2.95	-5.89	-7.55	-11.82	-27.44	-14.39	-19.01	-16.00	-7.39	-6.54	-5.07	-2.34	-1.27
θ (120°)	-4.48	-5.02	-7.21	-4.94	-4.29	-3.30	-1.79	-1.35	-1.67	-2.17	-2.83	-3.66	-5.10	-8.43	-12.35	-13.45	-18.16	-26.20	-25.09	-19.78	-14.51	-10.26	-7.32	-6.34	-4.48
θ (135°)	-12.17	-9.51	-6.76	-6.22	-4.80	-3.64	-3.45	-3.98	-5.25	-7.56	-11.48	-9.32	-5.71	-6.39	-9.28	-11.76	-20.36	-19.51	-16.49	-15.47	-12.17	-12.03	-14.17	-12.41	-12.17
θ (150°)	-12.99	-17.09	-16.43	-15.13	-12.75	-9.37	-7.66	-6.85	-6.39	-5.92	-5.19	-5.37	-8.35	-18.55	-13.55	-11.42	-18.25	-24.58	-16.97	-20.55	-14.64	-8.85	-6.84	-7.72	-12.99
θ (165°)	-10.06	-11.53	-12.45	-10.68	-8.88	-8.07	-7.65	-7.14	-6.47	-6.34	-7.33	-10.07	-15.92	-21.99	-16.47	-15.65	-17.34	-20.65	-20.43	-19.85	-24.31	-19.74	-13.11	-10.55	-10.06
θ (180°)	-12.31	-12.82	-14.38	-17.46	-22.11	-22.14	-19.04	-16.15	-13.36	-12.05	-11.94	-12.42	-13.66	-15.69	-18.62	-25.11	-27.40	-21.46	-17.66	-14.47	-13.14	-12.38	-11.98	-11.78	-12.31
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°)	-5.35	-6.39	-8.52	-11.87	-19.08	-25.76	-13.95	-9.07	-6.29	-4.91	-4.48	-4.71	-5.46	-6.81	-8.91	-12.37	-19.90	-21.98	-13.21	-9.08	-6.81	-5.47	-4.84	-4.78	-5.35
θ (15°)	-6.64	-8.25	-11.31	-17.39	-31.54	-16.66	-11.33	-8.30	-6.45	-5.34	-4.73	-4.35	-4.41	-5.26	-7.16	-9.74	-12.69	-12.92	-11.21	-9.36	-7.41	-6.33	-5.97	-6.14	-6.64
θ (30°)	-11.71	-11.17	-13.45	-21.20	-27.26	-22.92	-18.55	-14.07	-10.77	-8.31	-7.29	-6.86	-6.15	-6.22	-7.77	-10.19	-13.26	-18.52	-30.43	-21.08	-14.76	-11.14	-10.18	-11.60	-11.71
θ (45°)	-11.10	-10.49	-9.45	-12.27	-18.18	-20.46	-20.18	-21.91	-18.26	-15.37	-12.34	-7.54	-6.37	-8.03	-9.30	-9.45	-10.59	-16.36	-26.46	-16.42	-13.14	-12.88	-10.55	-8.92	-11.10
θ (60°)	-14.47	-15.47	-13.70	-13.75	-14.39	-12.50	-14.10	-23.29	-26.20	-18.14	-11.24	-11.41	-8.99	-7.45	-13.13	-15.28	-15.85	-21.63	-18.30	-11.17	-8.83	-10.78	-15.69	-12.18	-14.47
θ (75°)	-24.51	-19.40	-24.63	-15.59	-14.33	-17.75	-18.63	-16.20	-18.30	-23.17	-21.01	-21.80	-17.70	-17.38	-13.27	-11.71	-16.35	-26.62	-19.77	-17.38	-18.92	-25.79	-19.04	-21.49	-24.51
θ (90°)	-9.74	-14.08	-10.71	-13.19	-22.90	-23.97	-26.78	-25.30	-20.58	-15.32	-14.99	-28.65	-17.54	-31.30	-16.27	-19.54	-25.59	-30.28	-38.02	-17.56	-10.73	-9.59	-11.42	-11.24	-9.74
θ (105°)	-8.70	-8.67	-11.41	-9.15	-12.21	-19.67	-25.74	-19.53	-13.62	-11.36	-12.29	-17.80	-11.45	-12.82	-14.83	-13.17	-9.19	-18.22	-15.49	-8.51	-6.41	-7.48	-7.60	-6.77	-8.70
θ (120°)	-8.90	-8.81	-10.75	-12.12	-10.48	-10.54	-11.36	-12.60	-12.46	-11.59	-10.76	-10.14	-14.79	-13.60	-16.57	-8.08	-7.26	-13.48	-12.93	-5.73	-3.83	-5.99	-8.76	-6.37	-8.90
θ (135°)	-7.31	-8.85	-7.81	-7.94	-8.97	-10.02	-11.69	-12.91	-11.01	-12.66	-17.87	-11.79	-13.21	-13.96	-15.60	-11.62	-8.84	-14.50	-15.33	-5.56	[-2.80]	-4.25	-9.94	-8.40	-7.31
θ (150°)	-13.22	-10.86	-11.26	-12.83	-12.28	-11.94	-12.67	-15.62	-23.37	-16.77	-14.83	-20.09	-14.19	-12.20	-13.33	-8.25	-6.59	-9.46	-21.81	-13.44	-7.63	-6.35	-8.29	-13.63	-13.22
θ (165°)	-12.58	-11.86	-9.95	-9.85	-10.38	-10.81	-10.81	-11.55	-14.05	-16.70	-15.15	-13.00	-12.89	-15.92	-21.60	-17.99	-15.27	-15.88	-20.51	-15.07	-9.81	-7.68	-7.78	-9.49	-12.58
θ (180°)	-19.57	-17.07	-14.52	-12.66	-11.65	-11.36	-11.45	-12.05	-12.41	-13.01	-14.13	-14.61	-13.72	-12.62	-12.38	-12.87	-13.17	-12.82	-14.00	-17.36	-21.37	-23.52	-25.06	-23.79	-19.57

Ant.	No.2																								
Freq. (MHz)	5150																								
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°)	-19.01	-10.94	-6.17	-3.58	-2.12	-1.45	-1.19	-1.47	-2.44	-4.32	-7.60	-13.71	-25.49	-12.67	-7.48	-4.64	-2.80	-1.77	-1.46	-1.71	-2.73	-4.69	-8.17	-14.89	-19.01
θ (15°)	-12.86	-6.63	-3.30	-1.25	-0.11	0.45	0.60	0.26	-0.73	-2.52	-5.38	-9.81	-17.01	-15.95	-10.46	-7.52	-5.78	-4.83	-4.52	-4.94	-6.11	-8.56	-13.63	-28.44	-12.86
θ (30°)	-8.06	-4.65	-1.97	-0.34	0.72	1.27	1.39	1.10	0.40	-0.70	-2.61	-5.53	-9.78	-15.44	-18.05	-13.58	-10.20	-8.36	-7.67	-7.92	-9.32	-12.73	-24.08	-17.06	-8.06
θ (45°)	-4.46	-1.80	-0.25	0.99	1.91	2.29	2.25	1.82	0.98	-0.21	-1.67	-3.58	-6.23	-9.94	-13.15	-13.47	-12.59	-11.69	-11.42	-12.40	-15.14	-20.25	-15.33	-9.72	-4.46
θ (60°)	-3.18	-1.67	-0.22	0.96	1.92	2.55	[2.74]	2.67	2.28	1.33	-0.20	-1.84	-3.51	-6.05	-8.86	-11.59	-14.48	-15.53	-14.75	-15.36	-16.56	-15.25	-10.72	-6.35	-3.18
θ (75°)	-3.85	-2.28	-0.86	0.35	0.84	1.17	1.50	1.63	1.38	0.43	-0.79	-2.13	-3.62	-5.56	-8.56	-11.79	-14.92	-17.80	-18.20	-16.86	-15.50	-12.83	-8.61	-5.91	-3.85
θ (90°)	-4.25	-3.86	-2.96	-1.72	-1.31	-1.16	-0.88	-0.47	-0.18	-0.68	-1.92	-2.61	-3.57	-4.87	-6.73	-10.23	-13.60	-16.23	-18.47	-18.55	-15.92	-11.57	-7.67	-5.55	-4.25
θ (105°)	-5.03	-4.89	-4.02	-3.47	-3.03	-2.73	-2.74	-2.78	-2.63	-2.89	-3.76	-3.96	-4.23	-5.55	-7.17	-10.54	-16.19	-18.76	-17.51	-16.28	-13.63	-10.85	-8.00	-5.97	-5.03
θ (120°)	-6.31	-5.69	-5.58	-5.64	-5.21	-4.91	-5.19	-5.53	-5.58	-5.35	-5.11	-5.27	-5.56	-6.08	-7.67	-10.57	-14.82	-18.73	-18.31	-19.41	-19.91	-11.86	-7.40	-6.39	-6.31
θ (135°)	-9.97	-10.86	-11.39	-11.08	-10.82	-10.67	-10.36	-9.75	-9.25	-8.97	-9.08	-8.75	-7.62	-6.75	-7.54	-10.78	-15.64	-16.19	-16.49	-18.61	-17.80	-13.73	-10.49	-9.63	-9.97
θ (150°)	-12.50	-14.78	-15.19	-14.02	-13.77	-14.84	-15.24	-14.52	-13.75	-13.09	-12.22	-11.55	-11.11	-10.25	-10.14	-12.06	-15.31	-16.56	-17.08	-18.19	-15.94	-11.56	-9.34	-9.56	-12.50
θ (165°)	-15.12	-17.12	-19.60	-21.03	-20.46	-18.78	-17.56	-17.02	-17.54	-17.67	-16.42	-14.82	-13.58	-13.26	-14.03	-16.02	-18.32	-19.41	-20.71	-22.64	-21.32	-17.27	-15.02	-14.32	-15.12
θ (180°)	-30.06	-30.63	-28.83	-26.21	-23.88	-22.55	-22.56	-22.37	-22.48	-23.91	-28.17	-38.55	-33.77	-28.81	-25.59	-22.73	-20.51	-19.47	-19.06	-19.64	-20.43	-21.47	-23.61	-25.50	-30.06
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°)	-1.09	-1.31	-2.19	-3.80	-6.48	-11.46	-26.98	-14.06	-7.85	-4.79	-3.00	-2.02	-1.68	-1.89	-2.75	-4.40	-7.31	-12.94	-26.91	-13.12	-7.37	-4.33	-2.49	-1.47	-1.09
θ (15°)	-0.75	-0.97	-1.90	-3.66	-6.70	-12.61	-23.88	-12.14	-6.82	-3.91	-2.34	-1.80	-1.98	-2.73	-4.07	-6.28	-9.70	-16.12	-29.92	-13.32	-7.71	-4.47	-2.45	-1.37	-0.75
θ (30°)	-0.46	[0.44]	-1.59	-3.67	-6.60	-11.82	-35.71	-13.04	-7.12	-3.91	-2.11	-1.52	-1.76	-2.60	-3.93	-6.05	-9.34	-15.31	-35.22	-13.05	-7.44	-4.65	-3.03	-1.71	-0.46
θ (45°)	-0.87	-1.02	-2.15	-4.51	-8.12	-14.34	-19.17	-10.58	-6.05	-3.61	-2.45	-1.72	-1.52	-2.65	-4.92	-7.65	-11.07	-17.71	-29.96	-14.64	-8.95	-5.02	-2.51	-1.37	-0.87
θ (60°)	-1.13	-1.29	-2.61	-4.72	-7.70	-12.45	-27.64	-14.13	-7.77	-5.20	-3.60	-2.35	-2.33	-3.74	-5.59	-6.97	-9.93	-16.67	-28.83	-14.40	-9.51	-6.37	-3.77	-2.11	-1.13
θ (75°)	-2.17	-3.21	-4.32	-5.87	-9.99	-15.74	-18.78	-13.37	-8.05	-5.14	-4.22	-3.12	-3.25	-5.13	-6.81	-9.11	-13.02	-20.13	-26.58	-14.19	-8.88	-5.86	-4.30	-3.21	-2.17
θ (90°)	-4.97	-5.63	-7.59	-9.52	-11.42	-15.87	-23.61	-16.10	-10.18	-6.85	-6.26	-6.23	-5.15	-6.62	-8.99	-9.90	-13.07	-21.75	-23.07	-15.79	-12.16	-9.55	-7.87	-6.48	-4.97
θ (105°)	-7.63	-7.54	-8.98	-11.80	-13.96	-19.76	-25.41	-14.45	-10.05	-8.78	-8.36	-8.44	-9.87	-11.62	-13.82	-17.07	-21.35	-30.31	-28.99	-19.51	-14.83	-13.99	-11.44	-7.93	-7.63
θ (120°)	-9.70	-9.01	-10.41	-12.46	-16.69	-23.87	-21.66	-16.43	-15.17	-15.10	-12.14	-10.76	-12.45	-12.15	-16.16	-35.69	-21.74	-24.04	-30.41	-17.30	-15.15	-17.33	-13.72	-10.80	-9.70
θ (135°)	-13.48	-15.03	-15.00	-16.61	-22.00	-58.11	-21.48	-14.47	-11.37	-11.01	-12.49	-13.61	-13.84	-16.48	-25.29	-27.02	-22.52	-28.11	-26.71	-20.87	-20.89	-27.36	-21.05	-15.01	-13.48
θ (150°)	-16.89	-17.76	-20.65	-20.16	-20.59	-24.87	-28.38	-24.21	-21.65	-20.16	-19.94	-20.69	-22.20	-22.65	-18.33	-14.73	-14.16	-17.26	-21.39	-16.96	-15.01	-17.49	-28.36	-21.90	-16.89
θ (165°)	-23.70	-26.06	-33.42	-42.61	-31.16	-28.07	-26.64	-26.97	-27.72	-28.48	-29.73	-34.29	-29.13	-21.89	-18.06	-16.64	-18.03	-22.80	-41.97	-23.36	-18.82	-17.91	-19.24	-20.81	-23.70
θ (180°)	-20.76	-20.42	-20.09	-20.44	-21.12	-23.27	-24.16	-24.00	-23.28	-22.11	-21.02	-20.23	-20.60	-20.90	-21.53	-21.99	-23.58	-27.77	-38.95	-26.70	-23.11	-22.05	-21.45	-21.21	-20.76

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°)	-19.51	-10.85	-6.07	-3.44	-1.92	-1.24	-1.06	-1.43	-2.42	-4.23	-7.45	-13.51	-26.57	-12.44	-7.20	-4.22	-2.43	-1.53	-1.31	-1.76	-2.90	-4.84	-8.15	-14.78	-19.51
θ (15°)	-12.54	-6.58	-3.39	-1.45	-0.34	0.22	0.29	-0.09	-1.01	-2.68	-5.39	-9.77	-16.73	-15.44	-10.10	-7.03	-5.27	-4.44	-4.21	-4.57	-5.67	-8.07	-13.33	-26.96	-12.54
θ (30°)	-8.33	-4.99	-2.39	-0.72	0.44	1.17	1.49	1.21	0.28	-1.11	-2.94	-5.68	-9.90	-15.88	-18.01	-12.45	-9.17	-7.57	-6.96	-7.16	-8.34	-11.40	-19.70	-18.28	-8.33
θ (45°)	-4.56	-1.99	-0.30	1.09	1.92	2.31	2.30	1.85	0.98	-0.33	-2.01	-3.85	-6.19	-9.57	-12.66	-13.02	-12.03	-11.15	-11.04	-12.13	-14.84	-19.79	-16.43	-9.95	-4.56
θ (60°)	-3.21	-1.74	-0.16	1.18	2.23	2.75	[2.86]	2.76	2.35	1.48	-0.04	-1.93	-3.81	-6.48	-10.04	-13.28	-14.83	-14.55	-14.02	-14.70	-16.20	-15.43	-10.69	-6.31	-3.21
θ (75°)	-3.80	-2.23	-0.75	0.34	0.81	1.11	1.32	1.53	1.53	0.78	-0.67	-2.10	-3.46	-5.30	-8.31	-11.91	-15.60	-18.32	-18.82	-17.72	-15.64	-12.14	-8.18	-5.79	-3.80
θ (90°)	-4.41	-3.86	-2.65	-1.60	-1.41	-1.24	-1.03	-0.74	-0.45	-0.63	-1.82	-2.98	-3.83	-4.90	-6.54	-10.08	-14.51	-18.43	-22.15	-22.74	-17.42	-11.41	-7.59	-5.62	-4.41
θ (105°)	-5.34	-5.14	-4.25	-3.82	-3.41	-3.23	-3.14	-2.97	-2.65	-2.75	-3.65	-4.19	-4.38	-5.45	-7.10	-10.39	-16.39	-20.59	-19.19	-17.46	-14.23	-10.72	-7.60	-5.79	-5.34
θ (120°)	-6.64	-6.23	-6.20	-6.29	-5.85	-5.60	-5.78	-5.77	-5.68	-5.59	-5.40	-5.52	-5.78	-5.96	-7.26	-10.26	-14.50	-18.91	-19.13	-19.65	-19.06	-11.57	-7.38	-6.49	-6.64
θ (135°)	-10.02	-10.89	-11.25	-11.23	-11.25	-11.12	-10.70	-9.95	-9.15	-8.76	-9.00	-9.10	-7.77	-6.60	-7.33	-10.49	-15.44	-16.21	-15.97	-17.65	-17.68	-13.17	-9.97	-9.27	-10.02
θ (150°)	-13.19	-15.68	-16.15	-15.08	-14.78	-15.23	-15.12	-14.72	-13.98	-13.17	-12.52	-12.02	-11.54	-10.56	-10.35	-12.12	-15.21	-16.20	-16.12	-16.66	-15.06	-11.55	-9.67	-10.09	-13.19
θ (165°)	-15.15	-17.52	-20.23	-22.07	-21.87	-19.83	-17.68	-16.98	-17.57	-18.35	-17.62	-15.61	-14.10	-13.68	-14.63	-16.67	-18.93	-19.87	-20.22	-21.35	-19.97	-16.72	-14.80	-14.31	-15.15
θ (180°)	-29.82	-28.95	-26.83	-25.01	-24.15	-23.65	-23.24	-22.13	-21.98	-23.96	-27.89	-38.13	-40.14	-29.87	-25.25	-22.77	-20.54	-19.37	-19.36	-20.66	-21.66	-22.29	-23.78	-26.39	-29.82
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°)	-0.98	-1.21	-2.13	-3.75	-6.57	-11.67	-24.93	-14.02	-7.66	-4.38	-2.57	-1.63	-1.35	-1.63	-2.50	-4.10	-7.06	-12.93	-23.00	-11.68	-6.90	-4.09	-2.26	-1.25	-0.98
θ (15°)	-0.79	-1.04	-2.04	-3.92	-7.23	-13.84	-22.78	-11.53	-6.82	-4.16	-2.58	-1.83	-1.80	-2.46	-3.77	-5.91	-9.51	-16.41	-25.60	-12.93	-7.72	-4.51	-2.42	-1.39	-0.79
θ (30°)	[-0.43]	-0.56	-1.74	-3.63	-6.39	-11.42	-26.85	-14.65	-8.07	-4.56	-2.54	-1.67	-1.75	-2.37	-3.54	-5.58	-8.98	-15.28	-29.99	-12.79	-7.51	-4.71	-2.93	-1.52	-0.43
θ (45°)	-1.14	-1.44	-2.64	-4.92	-8.54	-15.07	-17.59	-10.18	-6.10	-3.59	-2.42	-2.02	-1.88	-2.66	-4.66	-7.66	-11.48	-17.79	-33.62	-14.64	-8.20	-4.28	-2.13	-1.33	-1.14
θ (60°)	-1.21	-1.68	-2.94	-4.56	-6.94	-11.21	-20.38	-13.85	-7.63	-5.03	-3.83	-2.68	-2.32	-3.35	-5.16	-6.88	-9.93	-16.60	-31.39	-14.12	-8.86	-5.76	-3.31	-1.68	-1.21
θ (75°)	-2.61	-3.64	-4.35	-6.35	-10.46	-15.31	-15.54	-11.36	-7.67	-4.78	-3.97	-3.68	-3.35	-4.44	-6.07	-8.21	-12.19	-20.30	-27.08	-14.33	-8.91	-5.86	-4.41	-3.39	-2.61
θ (90°)	-5.39	-6.40	-7.33	-8.64	-11.02	-16.20	-22.43	-14.73	-9.46	-6.53	-5.63	-5.99	-5.30	-6.51	-8.80	-9.57	-12.19	-19.24	-23.21	-16.06	-11.66	-8.55	-7.11	-6.11	-5.39
θ (105°)	-8.02	-8.34	-9.86	-11.34	-13.63	-19.03	-20.77	-15.40	-11.00	-8.62	-8.01	-8.50	-9.11	-10.78	-12.92	-15.15	-19.46	-26.99	-26.98	-17.51	-13.81	-12.98	-10.43	-7.69	-8.02
θ (120°)	-9.08	-8.86	-10.63	-12.80	-16.74	-23.07	-19.62	-14.47	-13.04	-13.19	-11.87	-10.94	-12.99	-12.81	-16.43	-27.26	-21.74	-25.57	-29.18	-17.89	-16.20	-17.03	-12.70	-10.63	-9.08
θ (135°)	-13.83	-14.50	-13.81	-15.49	-20.68	-33.15	-22.57	-13.78	-10.43	-9.91	-11.58	-13.04	-12.96	-15.46	-24.76	-26.26	-22.97	-30.83	-27.31	-21.26	-20.48	-25.40	-21.16	-15.07	-13.83
θ (150°)	-16.43	-16.87	-18.43	-18.82	-21.48	-29.38	-38.08	-29.57	-23.25	-19.72	-18.97	-19.44	-20.84	-21.09	-17.27	-14.15	-14.26	-18.06	-21.62	-16.94	-15.01	-17.10	-26.60	-21.66	-16.43
θ (165°)	-22.77	-24.15	-28.03	-37.07	-37.75	-30.72	-29.44	-28.75	-28.22	-28.83	-30.59	-30.85	-27.35	-20.85	-17.44	-16.75	-18.84	-23.99	-39.35	-25.47	-19.78	-18.57	-19.40	-20.99	-22.77
θ (180°)	-20.25	-20.27	-20.52	-21.16	-22.46	-23.76	-23.39	-23.36	-23.43	-21.52	-20.66	-19.92	-19.81	-19.62	-19.99	-21.78	-25.53	-32.30	-34.81	-27.79	-24.67	-22.20	-20.93	-20.14	-20.25

Ant.	No.2																								
Freq. (MHz)	5250																								
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°)	-19.19	-10.64	-5.98	-3.37	-1.80	-1.05	-0.85	-1.25	-2.37	-4.37	-7.73	-14.06	-23.47	-11.41	-6.46	-3.77	-2.17	-1.35	-1.17	-1.62	-2.78	-4.72	-8.02	-14.91	-19.19
θ (15°)	-12.05	-6.36	-3.26	-1.34	-0.11	0.49	0.51	-0.01	-1.04	-2.71	-5.35	-9.75	-17.15	-15.64	-9.82	-6.73	-4.89	-4.02	-3.89	-4.40	-5.74	-8.48	-14.15	-28.31	-12.05
θ (30°)	-8.34	-5.06	-2.43	-0.64	0.69	1.54	1.82	1.56	0.70	-0.82	-3.02	-6.04	-10.42	-16.72	-18.11	-12.19	-8.70	-7.07	-6.42	-6.53	-7.83	-11.03	-18.30	-17.32	-8.34
θ (45°)	-4.50	-2.01	-0.24	1.17	2.05	2.56	2.63	2.17	1.24	-0.19	-1.96	-3.89	-6.18	-9.18	-11.64	-11.77	-11.17	-10.85	-11.08	-11.82	-13.61	-17.50	-15.81	-9.74	-4.50
θ (60°)	-3.18	-1.64	0.17	1.55	2.43	2.84	[3.03]	2.96	2.50	1.58	0.07	-1.90	-3.72	-6.27	-9.67	-12.55	-13.91	-13.80	-13.56	-14.12	-15.22	-14.85	-10.40	-6.06	-3.18
θ (75°)	-3.54	-1.91	-0.53	0.46	0.98	1.34	1.53	1.64	1.63	1.05	-0.22	-1.81	-3.52	-5.30	-8.00	-11.42	-14.62	-17.16	-18.88	-18.11	-14.99	-11.05	-7.60	-5.61	-3.54
θ (90°)	-4.24	-3.53	-2.34	-1.47	-1.30	-1.13	-1.09	-0.92	-0.45	-0.56	-1.67	-2.85	-3.75	-4.90	-6.30	-9.57	-14.57	-18.87	-20.74	-20.61	-16.71	-11.36	-7.45	-5.39	-4.24
θ (105°)	-5.50	-5.05	-4.16	-3.91	-3.53	-3.32	-3.30	-3.11	-2.71	-2.70	-3.39	-4.04	-4.42	-5.41	-6.83	-9.88	-15.56	-20.97	-20.31	-18.50	-14.63	-10.46	-7.30	-5.70	-5.50
θ (120°)	-7.04	-6.71	-6.65	-6.71	-6.35	-6.41	-6.58	-6.38	-5.94	-5.64	-5.59	-5.72	-5.94	-5.89	-6.91	-9.65	-13.28	-17.53	-19.48	-19.94	-18.86	-11.36	-7.25	-6.47	-7.04
θ (135°)	-10.05	-10.95	-11.46	-11.70	-11.62	-11.21	-10.81	-10.16	-9.37	-8.78	-8.72	-9.22	-8.59	-7.26	-7.54	-10.35	-14.98	-16.39	-15.79	-17.18	-17.47	-12.56	-9.29	-8.87	-10.05
θ (150°)	-13.50	-16.21	-16.67	-16.13	-16.17	-17.08	-17.03	-15.84	-14.25	-13.13	-12.45	-12.43	-12.02	-10.77	-10.43	-12.17	-15.46	-16.60	-15.93	-16.34	-15.34	-11.87	-9.93	-10.25	-13.50
θ (165°)	-15.19	-17.47	-20.77	-23.30	-23.31	-20.87	-18.89	-18.12	-18.19	-18.42	-18.44	-17.09	-15.48	-14.67	-15.11	-16.89	-19.20	-20.37	-20.71	-21.58	-19.99	-16.47	-14.59	-14.17	-15.19
θ (180°)	-30.43	-29.08	-26.99	-25.64	-25.07	-24.84	-23.89	-22.76	-23.46	-26.40	-32.49	-41.71	-32.80	-28.21	-25.49	-23.22	-22.18	-21.18	-20.69	-21.40	-23.09	-24.38	-26.54	-28.91	-30.43
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°)	-0.98	-1.29	-2.26	-4.06	-7.30	-13.38	-24.78	-12.59	-7.23	-4.14	-2.30	-1.36	-1.10	-1.44	-2.47	-4.48	-7.99	-14.70	-25.87	-11.76	-6.48	-3.59	-1.93	-1.11	-0.98
θ (15°)	-0.78	-1.21	-2.38	-4.53	-8.14	-15.04	-21.40	-10.53	-6.11	-3.81	-2.46	-1.76	-1.80	-2.52	-3.93	-6.14	-9.70	-17.00	-23.61	-11.74	-6.93	-4.00	-2.12	-1.20	-0.78
θ (30°)	[-0.38]	-0.59	-1.68	-3.45	-6.16	-10.83	-23.08	-13.99	-7.57	-4.55	-2.66	-1.79	-1.82	-2.43	-3.56	-5.50	-9.05	-16.04	-29.88	-12.98	-7.84	-5.02	-3.03	-1.42	-0.38
θ (45°)	-1.34	-1.49	-2.64	-4.96	-8.89	-16.53	-17.33	-9.29	-5.41	-3.15	-2.02	-1.68	-1.76	-2.67	-4.56	-7.38	-11.28	-17.70	-33.53	-13.81	-7.37	-3.93	-2.17	-1.60	-1.34
θ (60°)	-1.45	-1.96	-2.92	-4.06	-6.48	-11.43	-18.20	-12.40	-6.90	-4.19	-3.10	-2.45	-2.22	-3.03	-4.76	-6.86	-9.80	-16.51	-27.34	-12.81	-7.90	-5.19	-3.01	-1.55	-1.45
θ (75°)	-2.82	-3.74	-4.44	-6.67	-10.16	-15.40	-14.05	-9.07	-6.26	-4.18	-3.18	-3.46	-4.45	-5.78	-7.64	-11.42	-19.83	-24.28	-13.28	-8.56	-5.99	-4.65	-3.58	-2.82	
θ (90°)	-5.76	-6.43	-6.69	-8.21	-11.13	-16.13	-19.36	-13.39	-8.58	-5.75	-4.91	-5.58	-4.92	-5.84	-8.53	-9.52	-11.76	-18.07	-27.02	-16.93	-11.00	-7.96	-7.15	-6.41	-5.76
θ (105°)	-8.83	-8.65	-9.69	-10.92	-14.51	-21.11	-19.74	-14.19	-10.34	-8.46	-7.44	-7.88	-8.71	-10.21	-12.48	-14.46	-19.11	-29.42	-26.21	-17.68	-13.84	-12.25	-10.02	-8.08	-8.83
θ (120°)	-8.90	-9.17	-11.22	-12.76	-16.45	-23.93	-18.90	-13.84	-11.93	-11.90	-10.89	-9.86	-11.78	-12.46	-16.46	-26.58	-22.72	-27.94	-25.58	-17.97	-16.24	-15.80	-12.63	-10.75	-8.90
θ (135°)	-13.40	-13.86	-13.60	-15.68	-19.92	-28.31	-23.17	-13.54	-9.73	-9.07	-10.64	-12.35	-12.28	-14.63	-24.19	-23.70	-20.98	-27.83	-26.59	-19.60	-19.36	-26.12	-20.40	-14.44	-13.40
θ (150°)	-15.84	-15.99	-17.47	-18.72	-22.17	-30.19	-36.93	-26.16	-20.69	-18.22	-17.90	-18.08	-18.86	-19.32	-16.70	-13.93	-14.59	-19.52	-22.31	-16.91	-15.38	-17.41	-25.81	-21.26	-15.84
θ (165°)	-22.93	-24.37	-27.42	-37.95	-31.99	-28.91	-32.81	-33.31	-28.57	-25.97	-26.34	-26.56	-26.72	-22.51	-18.84	-17.71	-19.34	-24.88	-40.32	-24.90	-20.43	-19.27	-20.05	-21.49	-22.93
θ (180°)	-21.19	-22.03	-22.86	-24.12	-24.79	-24.20	-23.64	-24.87	-24.17	-22.19	-20.73	-20.47	-20.49	-20.78	-21.38	-23.26	-27.86	-36.68	-36.96	-31.38	-27.26	-23.50	-21.65	-21.06	-21.19

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°)	-19.63	-10.67	-5.82	-3.14	-1.60	-0.92	-0.86	-1.25	-2.26	-4.17	-7.38	-13.21	-20.90	-11.42	-6.61	-3.84	-2.16	-1.28	-1.03	-1.44	-2.51	-4.40	-7.72	-14.24	-19.63
θ (15°)	-11.58	-6.17	-3.11	-1.15	0.05	0.63	0.71	0.26	-0.73	-2.41	-5.09	-9.38	-16.25	-14.31	-9.03	-6.13	-4.52	-3.78	-3.71	-4.43	-6.03	-8.87	-14.55	-30.35	-11.58
θ (30°)	-8.31	-4.99	-2.21	-0.28	1.07	1.81	2.00	1.73	0.99	-0.29	-2.39	-5.57	-10.62	-17.81	-17.47	-11.91	-8.58	-6.85	-6.12	-6.35	-7.73	-10.92	-17.73	-16.79	-8.31
θ (45°)	-4.41	-2.03	-0.16	1.29	2.23	2.70	2.76	2.41	1.64	0.26	-1.69	-3.81	-5.92	-8.54	-11.00	-11.64	-11.23	-10.58	-10.22	-10.58	-12.59	-16.53	-15.32	-9.56	-4.41
θ (60°)	-3.00	-1.26	0.43	1.66	2.50	2.97	[3.17]	3.06	2.56	1.63	0.15	-1.95	-3.91	-6.01	-8.75	-10.96	-12.34	-13.11	-13.41	-13.81	-14.58	-14.19	-10.02	-5.99	-3.00
θ (75°)	-3.42	-1.79	-0.37	0.63	1.10	1.48	1.87	2.11	1.94	1.16	-0.01	-1.31	-3.22	-5.40	-8.14	-11.09	-13.66	-15.73	-17.11	-17.16	-14.41	-10.84	-7.57	-5.55	-3.42
θ (90°)	-3.87	-3.12	-2.03	-1.27	-1.02	-0.78	-0.86	-0.85	-0.46	-0.22	-1.18	-2.50	-3.47	-4.92	-6.31	-8.81	-13.01	-17.81	-21.07	-20.78	-15.52	-9.98	-6.82	-5.34	-3.87
θ (105°)	-5.38	-4.66	-3.81	-3.59	-3.15	-2.99	-3.09	-3.09	-2.72	-2.60	-3.26	-3.68	-4.06	-5.29	-6.55	-9.05	-14.04	-18.94	-19.97	-18.26	-14.16	-10.29	-7.22	-5.61	-5.38
θ (120°)	-7.20	-6.71	-6.72	-6.83	-6.58	-6.86	-7.18	-6.70	-6.11	-5.71	-5.51	-5.64	-5.86	-5.73	-6.58	-9.14	-12.55	-15.81	-18.06	-20.63	-18.70	-11.02	-7.18	-6.65	-7.20
θ (135°)	-10.44	-11.30	-11.43	-11.47	-11.48	-11.55	-11.25	-10.43	-9.53	-8.83	-8.53	-8.75	-8.53	-7.51	-7.72	-10.33	-14.65	-15.80	-15.85	-17.44	-17.48	-12.25	-9.23	-8.95	-10.44
θ (150°)	-14.21	-16.45	-16.28	-15.80	-16.42	-17.63	-18.07	-16.92	-14.95	-13.37	-12.52	-12.47	-12.46	-11.24	-10.66	-12.16	-14.99	-15.69	-15.41	-15.94	-15.63	-12.30	-10.19	-10.60	-14.21
θ (165°)	-15.82	-18.23	-21.29	-23.75	-23.09	-20.95	-20.02	-19.89	-19.55	-19.08	-18.17	-16.89	-15.50	-14.73	-15.33	-16.94	-18.79	-19.38	-20.07	-21.13	-20.52	-17.13	-15.13	-14.71	-15.82
θ (180°)	-28.43	-27.78	-27.13	-28.08	-30.38	-29.86	-26.50	-24.10	-24.74	-29.25	-36.08	-38.74	-31.68	-28.75	-26.59	-25.44	-24.49	-22.91	-21.73	-22.35	-23.70	-25.54	-27.40	-28.94	-28.43
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°)	-0.72	-1.06	-2.15	-4.10	-7.37	-13.27	-27.30	-12.00	-6.73	-3.92	-2.27	-1.42	-1.25	-1.68	-2.82	-4.84	-8.30	-14.77	-25.65	-11.24	-6.01	-3.27	-1.69	-0.90	-0.72
θ (15°)	-0.76	-1.26	-2.47	-4.60	-7.96	-14.16	-21.26	-10.39	-5.54	-3.02	-1.78	-1.38	-1.56	-2.27	-3.68	-5.90	-9.44	-16.05	-22.37	-10.68	-5.96	-3.26	-1.73	-1.03	-0.76
θ (30°)	[-0.10]	-0.45	-1.61	-3.30	-5.77	-9.92	-18.81	-13.01	-6.66	-3.73	-2.32	-1.56	-1.59	-2.36	-3.53	-5.28	-8.33	-14.76	-28.21	-12.44	-7.81	-5.04	-2.80	-0.96	-0.10
θ (45°)	-0.93	-0.94	-2.20	-4.74	-8.55	-15.46	-17.73	-8.82	-4.94	-2.73	-1.69	-1.50	-1.54	-2.20	-4.03	-6.73	-10.79	-18.23	-26.44	-12.59	-6.90	-3.81	-2.29	-1.68	-0.93
θ (60°)	-1.43	-1.68	-2.30	-3.57	-6.51	-11.85	-17.43	-11.25	-6.18	-3.54	-2.40	-2.00	-2.15	-2.89	-4.21	-6.12	-9.54	-16.58	-24.42	-11.93	-7.56	-4.90	-2.76	-1.54	-1.43
θ (75°)	-2.77	-3.56	-4.22	-6.27	-9.77	-15.95	-14.34	-8.82	-5.52	-3.53	-2.56	-2.54	-3.13	-4.49	-6.11	-7.74	-11.11	-20.13	-21.59	-11.86	-7.68	-5.55	-4.59	-3.45	-2.77
θ (90°)	-5.64	-5.89	-6.36	-8.59	-11.44	-16.24	-18.49	-12.17	-7.97	-5.39	-4.25	-4.98	-5.04	-5.70	-8.24	-9.05	-11.10	-17.76	-26.94	-16.07	-11.00	-8.17	-7.40	-6.44	-5.64
θ (105°)	-8.94	-8.25	-9.19	-11.17	-15.89	-22.91	-18.87	-13.23	-9.62	-7.51	-6.97	-7.69	-8.48	-10.04	-12.48	-14.41	-20.50	-32.06	-25.94	-17.95	-13.46	-12.10	-10.75	-8.56	-8.94
θ (120°)	-9.12	-9.67	-11.03	-12.29	-16.54	-26.50	-19.29	-13.93	-11.54	-10.84	-10.07	-9.58	-11.46	-11.60	-15.58	-25.73	-19.21	-21.33	-28.19	-18.98	-15.51	-15.00	-12.84	-10.76	-9.12
θ (135°)	-13.82	-14.56	-13.99	-15.53	-19.12	-27.57	-21.81	-13.65	-9.80	-8.60	-10.08	-11.72	-11.36	-13.57	-21.94	-23.18	-19.72	-26.92	-24.65	-18.38	-18.60	-25.66	-19.49	-14.03	-13.82
θ (150°)	-15.47	-15.96	-17.89	-18.94	-21.38	-27.90	-31.38	-22.46	-19.01	-16.98	-16.11	-16.82	-18.11	-18.53	-16.26	-13.91	-14.64	-20.34	-25.70	-16.94	-14.87	-16.81	-24.88	-20.22	-15.47
θ (165°)	-23.65	-25.10	-29.85	-47.93	-30.34	-28.97	-31.02	-26.70	-26.01	-27.31	-27.50	-28.01	-28.94	-23.65	-19.23	-17.77	-18.86	-23.59	-47.63	-23.29	-19.61	-19.21	-20.53	-21.95	-23.65
θ (180°)	-21.88	-22.43	-23.89	-24.24	-23.30	-22.84	-25.65	-28.76	-26.22	-23.75	-22.34	-21.63	-21.78	-22.29	-23.43	-25.92	-31.03	-41.94	-35.34	-28.46	-26.10	-24.74	-23.31	-22.19	-21.88

Ant.	No.2																								
Freq. (MHz)	5350																								
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°)	-20.34	-10.80	-5.83	-3.08	-1.42	-0.59	-0.42	-0.92	-2.01	-3.86	-6.86	-12.26	-23.62	-12.57	-6.89	-3.87	-2.09	-1.22	-1.00	-1.27	-2.11	-3.94	-7.26	-13.59	-20.34
θ (15°)	-11.31	-5.75	-2.64	-0.71	0.39	0.94	1.01	0.62	-0.28	-1.89	-4.35	-8.28	-14.49	-14.34	-9.00	-5.94	-4.29	-3.60	-3.63	-4.35	-5.80	-8.45	-14.03	-29.85	-11.31
θ (30°)	-8.13	-4.72	-1.96	-0.02	1.26	1.93	2.17	2.04	1.33	0.06	-1.98	-5.07	-9.92	-16.90	-16.37	-11.70	-8.64	-6.83	-6.05	-6.39	-7.87	-11.23	-17.92	-16.86	-8.13
θ (45°)	-4.63	-2.11	-0.05	1.45	2.37	2.87	2.97	2.70	1.98	0.66	-1.32	-3.56	-5.76	-8.39	-10.72	-11.16	-10.57	-9.93	-9.67	-10.24	-12.28	-15.85	-15.38	-9.72	-4.63
θ (60°)	-2.72	-1.07	0.29	1.58	2.57	3.04	[3.19]	3.11	2.61	1.59	0.17	-1.90	-4.14	-6.37	-9.06	-11.05	-12.31	-12.98	-13.24	-13.54	-14.30	-13.98	-10.29	-6.18	-2.72
θ (75°)	-3.27	-1.73	-0.34	0.53	1.09	1.54	1.81	2.10	2.24	1.58	0.00	-1.31	-2.80	-4.95	-7.66	-10.62	-12.99	-14.88	-16.53	-17.06	-14.59	-10.75	-7.61	-5.50	-3.27
θ (90°)	-3.68	-3.01	-1.92	-1.20	-0.90	-0.71	-0.69	-0.68	-0.45	-0.31	-1.02	-2.33	-3.08	-4.22	-5.86	-8.25	-11.83	-16.46	-20.53	-19.12	-14.12	-9.82	-7.07	-5.31	-3.68
θ (105°)	-5.16	-4.52	-3.91	-3.66	-3.02	-2.93	-3.21	-3.12	-2.75	-2.51	-3.12	-3.66	-3.81	-4.85	-6.29	-8.66	-13.49	-18.99	-19.76	-16.97	-12.56	-9.45	-6.84	-5.46	-5.16
θ (120°)	-7.27	-6.67	-6.65	-6.71	-6.62	-7.18	-7.58	-7.12	-6.26	-5.71	-5.56	-5.61	-5.75	-5.62	-6.38	-8.92	-12.09	-14.64	-16.76	-19.31	-17.77	-10.96	-7.42	-7.01	-7.27
θ (135°)	-10.58	-10.82	-10.96	-10.87	-10.98	-11.20	-11.37	-10.73	-9.60	-8.78	-8.52	-8.51	-8.07	-7.20	-7.48	-10.09	-13.87	-14.64	-15.12	-17.28	-17.07	-12.15	-9.43	-9.47	-10.58
θ (150°)	-14.09	-16.14	-16.16	-15.97	-16.95	-18.86	-18.60	-16.72	-14.84	-13.16	-11.93	-11.64	-11.71	-10.84	-10.37	-11.95	-14.80	-15.10	-14.94	-16.54	-16.70	-12.35	-10.07	-10.48	-14.09
θ (165°)	-16.70	-18.89	-21.39	-23.08	-22.42	-21.23	-20.36	-19.32	-18.96	-19.13	-18.41	-16.77	-15.14	-14.35	-14.78	-16.26	-17.72	-18.34	-20.00	-22.46	-21.44	-17.82	-15.75	-15.52	-16.70
θ (180°)	-28.34	-26.63	-25.92	-26.28	-26.15	-26.28	-27.52	-27.76	-28.22	-28.38	-31.64	-38.62	-35.46	-30.76	-27.67	-25.40	-23.54	-23.08	-23.14	-23.87	-25.35	-27.17	-29.37	-30.41	-28.34
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°)	-0.44	-0.77	-1.78	-3.62	-6.64	-12.58	-27.30	-11.51	-6.50	-3.84	-2.21	-1.27	-1.05	-1.45	-2.54	-4.43	-7.57	-13.76	-25.96	-11.11	-5.84	-3.05	-1.47	-0.65	-0.44
θ (15°)	-0.66	-1.14	-2.35	-4.38	-7.78	-14.36	-18.16	-9.67	-5.26	-2.74	-1.31	-0.79	-1.02	-1.84	-3.25	-5.47	-9.33	-17.17	-18.94	-9.89	-5.73	-3.30	-1.72	-0.94	-0.66
θ (30°)	[-0.28]	-0.66	-1.66	-3.14	-5.52	-9.84	-16.88	-11.79	-6.36	-3.14	-1.53	-1.16	-1.46	-2.27	-3.59	-5.53	-8.65	-14.55	-34.88	-13.70	-8.28	-4.82	-2.28	-0.76	-0.28
θ (45°)	-0.53	-0.73	-2.13	-4.41	-7.43	-13.68	-16.29	-8.41	-4.50	-2.35	-1.39	-1.26	-1.50	-2.17	-3.81	-6.37	-10.34	-18.62	-23.33	-11.46	-6.56	-3.87	-2.40	-1.51	-0.53
θ (60°)	-1.32	-1.32	-1.82	-3.34	-6.67	-11.85	-16.34	-9.98	-5.50	-3.13	-2.03	-1.60	-1.82	-2.85	-4.38	-6.03	-9.17	-15.78	-25.21	-12.35	-7.61	-4.95	-2.91	-1.68	-1.32
θ (75°)	-2.77	-3.21	-3.77	-5.99	-10.17	-16.79	-15.13	-9.16	-5.43	-3.26	-2.34	-2.22	-2.80	-4.19	-6.20	-8.30	-11.47	-19.37	-21.87	-11.42	-7.23	-5.37	-4.55	-3.28	-2.77
θ (90°)	-5.45	-5.55	-6.10	-8.26	-10.78	-16.54	-19.51	-12.22	-7.88	-5.44	-4.05	-4.43	-5.03	-5.70	-8.79	-9.76	-11.36	-17.92	-23.08	-15.59	-10.80	-8.06	-7.53	-6.37	-5.45
θ (105°)	-8.62	-7.65	-9.00	-11.39	-15.82	-22.60	-18.52	-12.73	-9.40	-7.62	-6.73	-7.24	-8.42	-9.90	-12.62	-13.12	-17.77	-26.40	-25.83	-18.19	-13.90	-13.15	-11.41	-8.86	-8.62
θ (120°)	-9.35	-9.85	-10.50	-11.89	-17.43	-31.38	-22.17	-14.36	-11.38	-10.59	-9.84	-9.12	-11.42	-12.28	-15.60	-28.30	-19.75	-21.11	-35.56	-19.59	-15.52	-15.71	-14.08	-10.99	-9.35
θ (135°)	-14.01	-14.14	-13.44	-14.96	-19.69	-34.62	-20.69	-13.55	-9.84	-8.49	-9.60	-11.89	-11.79	-13.20	-20.95	-23.81	-20.37	-27.06	-25.76	-18.59	-18.53	-27.01	-19.57	-14.05	-14.01
θ (150°)	-15.15	-16.10	-17.94	-18.04	-19.88	-28.00	-26.87	-20.85	-18.37	-17.05	-16.52	-16.55	-17.25	-18.17	-16.70	-14.12	-14.20	-17.60	-26.56	-17.43	-14.73	-17.13	-25.00	-18.87	-15.15
θ (165°)	-23.99	-26.17	-34.18	-38.76	-32.82	-35.12	-29.68	-24.12	-23.32	-26.14	-29.41	-30.22	-32.85	-25.03	-20.54	-18.31	-18.13	-21.23	-34.80	-23.43	-19.08	-19.51	-21.94	-23.79	-23.99
θ (180°)	-24.55	-25.35	-24.60	-23.12	-22.08	-23.51	-25.36	-25.34	-25.61	-26.53	-25.11	-23.86	-22.89	-22.96	-24.41	-25.88	-27.75	-31.61	-47.96	-28.93	-24.89	-23.72	-23.62	-24.01	-24.55

Ant.	No.2																								
Freq. (MHz)	5470																								
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°)	-22.00	-10.69	-5.35	-2.49	-0.82	-0.01	0.24	-0.10	-1.04	-2.84	-5.93	-11.42	-27.54	-12.09	-6.22	-3.10	-1.22	-0.25	0.06	-0.30	-1.37	-3.17	-6.25	-12.17	-22.00
θ (15°)	-10.99	-5.41	-2.34	-0.35	0.93	1.58	1.57	1.01	0.03	-1.45	-3.74	-7.44	-14.02	-17.11	-10.56	-7.03	-5.08	-4.11	-3.78	-4.10	-5.17	-7.51	-12.85	-27.85	-10.99
θ (30°)	-7.60	-4.40	-1.71	0.21	1.52	2.22	2.39	2.04	1.25	0.13	-1.43	-4.01	-8.27	-13.90	-14.08	-10.63	-8.50	-7.52	-7.22	-7.69	-8.92	-11.47	-16.92	-15.35	-7.60
θ (45°)	-5.43	-2.70	-0.51	1.04	2.08	2.59	[2.62]	2.37	1.78	0.69	-1.15	-3.47	-5.75	-8.25	-10.90	-12.06	-11.51	-10.78	-10.17	-10.60	-12.42	-15.07	-15.85	-10.76	-5.43
θ (60°)	-3.82	-2.13	-0.24	1.32	2.03	2.26	2.37	2.41	2.20	1.38	-0.22	-2.27	-4.47	-7.04	-10.70	-12.87	-12.61	-11.85	-11.93	-13.49	-15.65	-15.63	-11.40	-7.10	-3.82
θ (75°)	-3.80	-2.35	-0.72	0.44	1.05	1.26	1.44	1.63	1.82	1.46	-0.16	-1.80	-2.93	-5.15	-8.25	-10.80	-12.28	-13.35	-14.40	-15.17	-14.25	-11.66	-8.17	-5.89	-3.80
θ (90°)	-4.07	-3.31	-2.09	-1.48	-1.17	-0.90	-0.93	-1.03	-0.98	-0.74	-1.25	-2.56	-3.52	-4.47	-6.06	-8.45	-11.42	-14.56	-16.30	-15.72	-13.85	-10.98	-7.87	-5.48	-4.07
θ (105°)	-5.73	-4.82	-4.20	-3.63	-3.19	-3.29	-3.13	-2.77	-2.45	-2.36	-3.10	-4.08	-4.11	-4.51	-6.39	-9.04	-12.30	-16.20	-18.59	-16.68	-12.73	-9.59	-6.61	-5.38	-5.73
θ (120°)	-8.41	-8.03	-7.99	-7.91	-7.70	-8.23	-8.36	-7.65	-6.33	-5.36	-5.48	-6.11	-6.41	-5.82	-6.20	-8.97	-12.07	-13.78	-15.24	-17.44	-17.45	-11.48	-7.99	-7.67	-8.41
θ (135°)	-10.89	-11.28	-11.12	-10.63	-10.38	-10.58	-10.76	-10.41	-9.70	-8.97	-8.89	-9.42	-9.27	-7.96	-7.97	-10.58	-15.24	-15.84	-15.05	-17.09	-17.94	-12.61	-9.87	-9.88	-10.89
θ (150°)	-15.83	-18.12	-18.18	-18.00	-18.56	-18.81	-18.05	-16.82	-15.13	-13.58	-12.49	-12.32	-12.35	-11.23	-10.84	-12.97	-16.91	-17.01	-16.06	-17.98	-17.47	-12.91	-10.90	-11.69	-15.83
θ (165°)	-17.09	-19.09	-22.30	-24.83	-22.21	-19.11	-17.57	-17.58	-17.85	-18.11	-18.53	-17.98	-16.55	-15.47	-15.95	-17.81	-19.81	-19.93	-19.94	-21.85	-22.44	-18.86	-16.81	-16.33	-17.09
θ (180°)	-29.30	-27.10	-24.92	-24.34	-25.46	-27.41	-28.59	-27.02	-25.93	-28.58	-35.62	-51.74	-39.19	-33.76	-28.72	-26.01	-24.04	-23.68	-24.69	-25.79	-27.20	-28.50	-31.51	-31.99	-29.30
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°)	[0.25]	-0.16	-1.18	-3.10	-6.44	-12.80	-24.42	-10.99	-5.56	-2.59	-0.96	-0.22	-0.10	-0.57	-1.67	-3.62	-6.97	-13.46	-21.79	-9.94	-5.16	-2.43	-0.76	0.07	0.25
θ (15°)	-0.06	-0.53	-1.74	-3.99	-8.04	-16.92	-16.58	-8.04	-4.22	-1.96	-0.61	-0.07	-0.24	-1.14	-2.84	-5.26	-9.17	-16.82	-22.12	-10.35	-5.82	-3.15	-1.42	-0.54	-0.06
θ (30°)	-0.36	-0.63	-1.52	-3.26	-6.69	-12.89	-17.36	-10.01	-5.64	-2.83	-1.01	-0.15	-0.51	-1.86	-3.82	-6.32	-10.19	-17.33	-30.12	-13.80	-8.30	-4.89	-2.48	-0.92	-0.36
θ (45°)	-0.26	-0.68	-2.14	-4.10	-7.67	-15.26	-15.80	-8.34	-4.59	-2.12	-0.58	-0.40	-1.14	-2.24	-4.10	-6.80	-10.91	-18.73	-24.82	-12.53	-7.37	-4.50	-2.73	-1.47	-0.26
θ (60°)	-1.14	-1.59	-2.65	-4.66	-8.45	-14.57	-15.57	-9.61	-5.44	-2.87	-1.72	-1.04	-1.18	-2.52	-4.70	-6.84	-9.50	-16.07	-22.17	-12.43	-8.56	-5.76	-3.40	-1.76	-1.14
θ (75°)	-2.36	-3.12	-4.84	-7.73	-12.26	-18.63	-14.14	-9.26	-5.88	-3.64	-2.60	-2.05	-2.08	-3.95	-6.39	-8.60	-11.97	-21.28	-20.00	-12.08	-8.31	-6.39	-5.06	-3.48	-2.36
θ (90°)	-5.07	-5.46	-7.22	-9.76	-13.29	-19.17	-18.15	-12.52	-8.86	-6.21	-4.55	-4.31	-4.57	-5.00	-7.76	-10.18	-11.81	-17.07	-30.32	-14.90	-9.82	-7.77	-7.45	-5.73	-5.07
θ (105°)	-8.71	-8.96	-11.22	-13.13	-18.09	-26.22	-21.72	-14.43	-10.40	-8.34	-7.19	-6.80	-7.51	-8.52	-12.46	-12.59	-15.49	-21.71	-33.31	-19.93	-15.57	-14.95	-10.62	-8.63	-8.71
θ (120°)	-9.34	-9.82	-10.97	-12.71	-16.29	-23.62	-27.87	-16.78	-12.34	-10.58	-10.74	-9.85	-10.17	-11.15	-13.59	-25.02	-25.74	-26.73	-37.34	-22.62	-19.01	-20.68	-14.76	-10.58	-9.34
θ (135°)	-13.25	-12.67	-13.18	-16.60	-21.11	-32.18	-22.32	-14.29	-10.46	-9.07	-9.88	-11.60	-11.62	-12.75	-19.27	-31.66	-22.32	-26.47	-30.22	-21.56	-22.30	-36.82	-16.44	-13.05	-13.25
θ (150°)	-14.91	-15.72	-17.14	-17.56	-19.79	-23.07	-28.97	-23.57	-18.62	-16.55	-15.80	-16.08	-16.00	-16.86	-17.76	-15.75	-15.34	-18.39	-23.29	-19.32	-17.19	-19.93	-26.74	-18.05	-14.91
θ (165°)	-21.12	-22.85	-28.21	-34.95	-25.95	-24.27	-26.48	-26.00	-24.75	-24.69	-25.46	-26.64	-29.42	-24.95	-19.81	-18.13	-19.46	-24.31	-31.93	-27.86	-22.71	-21.07	-21.15	-21.19	-21.12
θ (180°)	-22.98	-23.57	-25.25	-27.59	-28.97	-26.61	-24.99	-25.93	-25.76	-23.80	-23.02	-23.05	-22.42	-22.53	-22.84	-24.49	-28.94	-38.50	-36.44	-30.24	-26.47	-23.95	-22.37	-22.17	-22.98

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°)	-21.11	-11.16	-5.95	-3.13	-1.44	-0.53	-0.23	-0.54	-1.57	-3.39	-6.37	-11.71	-26.97	-12.57	-6.66	-3.55	-1.74	-0.86	-0.61	-0.85	-1.65	-3.39	-6.67	-12.94	-21.11
θ (15°)	-12.28	-6.33	-3.10	-1.18	-0.09	0.53	0.74	0.38	-0.62	-2.19	-4.68	-8.65	-15.77	-17.10	-9.98	-6.19	-4.06	-3.08	-2.87	-3.36	-4.76	-7.39	-12.69	-26.47	-12.28
θ (30°)	-7.66	-4.45	-1.73	0.06	1.22	1.90	2.23	2.04	1.29	0.00	-2.02	-4.74	-8.76	-14.31	-14.37	-10.18	-7.54	-6.25	-5.95	-6.52	-7.94	-10.99	-16.90	-15.70	-7.66
θ (45°)	-6.03	-3.02	-0.63	1.11	2.08	2.59	[2.86]	2.68	1.91	0.62	-1.30	-3.92	-6.50	-9.09	-11.91	-12.56	-11.39	-10.65	-10.12	-9.62	-9.92	-11.88	-12.98	-10.04	-6.03
θ (60°)	-4.19	-2.52	-0.42	0.93	1.73	2.20	2.35	2.36	2.17	1.52	0.30	-1.67	-4.10	-6.14	-9.29	-12.61	-13.20	-12.87	-13.42	-14.42	-14.50	-13.21	-10.22	-6.92	-4.19
θ (75°)	-3.67	-1.90	-0.55	0.31	0.91	1.22	1.31	1.38	1.53	1.39	0.09	-2.00	-3.22	-4.85	-7.56	-10.10	-12.12	-14.18	-15.85	-16.36	-14.39	-10.89	-7.60	-5.77	-3.67
θ (90°)	-4.62	-3.72	-2.57	-2.00	-1.60	-1.37	-1.21	-1.05	-0.77	-0.37	-0.81	-2.43	-3.60	-4.22	-5.44	-7.93	-11.35	-14.72	-17.53	-18.07	-14.80	-10.44	-7.34	-5.73	-4.62
θ (105°)	-5.88	-5.17	-5.00	-4.42	-4.19	-4.41	-4.19	-3.75	-3.19	-2.64	-3.16	-4.62	-4.93	-4.91	-5.92	-8.39	-12.09	-16.67	-19.28	-16.88	-13.34	-9.90	-6.92	-6.04	-5.88
θ (120°)	-9.76	-9.08	-8.97	-9.21	-9.38	-9.89	-9.58	-8.45	-6.81	-5.56	-5.37	-5.87	-6.70	-6.77	-6.64	-9.18	-13.42	-14.57	-14.38	-16.40	-17.16	-12.17	-8.86	-9.06	-9.76
θ (135°)	-12.01	-12.17	-11.93	-12.04	-12.63	-13.63	-14.12	-13.33	-11.71	-10.30	-9.77	-10.11	-10.32	-8.74	-8.68	-11.78	-16.20	-16.07	-16.17	-17.87	-18.44	-13.37	-10.44	-10.55	-12.01
θ (150°)	-17.76	-19.68	-19.99	-20.89	-21.75	-21.71	-19.78	-18.88	-17.39	-14.97	-13.37	-13.21	-13.55	-12.18	-11.63	-14.18	-19.75	-18.80	-18.11	-20.83	-21.01	-15.21	-12.79	-13.57	-17.76
θ (165°)	-20.17	-23.40	-26.39	-29.40	-28.86	-26.49	-23.50	-21.11	-20.76	-20.68	-20.75	-21.35	-20.37	-19.14	-19.62	-21.69	-22.40	-21.06	-22.25	-25.91	-26.20	-21.47	-18.96	-18.26	-20.17
θ (180°)	-32.62	-31.64	-30.32	-29.78	-29.09	-28.53	-30.44	-30.10	-29.66	-29.83	-31.46	-35.27	-38.33	-32.34	-28.45	-27.18	-28.00	-29.02	-28.81	-29.85	-32.43	-37.95	-36.14	-34.09	-32.62
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°)	[-0.35]	-0.79	-1.95	-3.88	-7.25	-14.33	-22.95	-10.05	-5.72	-3.24	-1.64	-0.78	-0.59	-1.05	-2.25	-4.33	-7.68	-14.56	-22.48	-9.52	-5.09	-2.71	-1.30	-0.53	-0.35
θ (15°)	-0.69	-1.29	-2.53	-4.73	-8.90	-18.33	-17.93	-9.36	-5.30	-2.94	-1.56	-0.89	-0.81	-1.39	-2.67	-4.88	-8.77	-17.07	-20.87	-10.20	-5.56	-2.77	-1.27	-0.75	-0.69
θ (30°)	-1.07	-1.61	-2.63	-4.25	-7.45	-14.40	-19.51	-9.89	-5.62	-3.41	-2.08	-1.19	-1.02	-1.81	-3.35	-5.74	-9.78	-17.14	-28.56	-12.57	-7.05	-3.87	-1.86	-0.91	-1.07
θ (45°)	-1.07	-1.90	-3.07	-5.05	-8.91	-17.95	-15.19	-8.13	-4.78	-2.88	-1.73	-1.23	-1.37	-2.02	-3.60	-6.32	-10.28	-18.07	-23.63	-11.86	-7.35	-4.43	-2.20	-1.13	-1.07
θ (60°)	-1.96	-2.07	-2.95	-5.90	-10.03	-16.49	-15.23	-8.87	-5.13	-2.63	-1.57	-1.45	-1.56	-2.28	-4.06	-6.44	-9.71	-16.35	-27.23	-14.07	-9.47	-6.17	-3.43	-2.14	-1.96
θ (75°)	-3.52	-3.95	-4.48	-7.36	-13.00	-22.51	-16.25	-8.65	-5.09	-3.41	-2.51	-2.65	-2.83	-3.49	-5.76	-8.51	-12.41	-19.40	-22.85	-13.24	-8.43	-5.96	-4.50	-3.29	-3.52
θ (90°)	-5.59	-6.37	-7.32	-8.89	-13.53	-22.86	-18.35	-11.96	-7.89	-5.15	-4.21	-4.81	-5.59	-5.15	-7.11	-9.48	-11.79	-17.24	-31.23	-14.38	-9.21	-7.32	-7.10	-5.25	-5.59
θ (105°)	-9.02	-8.87	-10.63	-12.79	-17.29	-26.60	-18.54	-13.48	-9.94	-7.38	-6.45	-6.94	-7.64	-8.22	-12.35	-11.64	-13.14	-20.88	-31.70	-18.77	-14.96	-13.34	-10.55	-9.62	-9.02
θ (120°)	-11.80	-11.03	-10.78	-12.73	-16.44	-22.63	-25.31	-15.36	-10.87	-9.24	-9.12	-9.33	-10.62	-11.40	-13.77	-20.80	-24.77	-29.36	-46.56	-26.73	-21.96	-20.57	-15.61	-13.12	-11.80
θ (135°)	-14.08	-13.27	-12.66	-14.76	-19.14	-27.67	-27.06	-17.24	-12.40	-10.46	-11.08	-13.50	-13.62	-14.03	-20.22	-25.64	-19.43	-21.34	-39.97	-22.93	-19.17	-24.23	-18.78	-14.14	-14.08
θ (150°)	-14.69	-15.34	-16.14	-15.56	-16.77	-21.93	-30.61	-21.00	-16.18	-14.32	-14.97	-17.15	-17.63	-17.64	-19.35	-16.87	-15.47	-18.63	-25.74	-18.41	-16.30	-19.76	-40.45	-18.36	-14.69
θ (165°)	-20.90	-21.11	-24.55	-27.64	-26.91	-29.11	-24.90	-22.12	-20.87	-21.29	-23.22	-25.65	-28.11	-27.01	-22.78	-19.69	-19.59	-23.50	-29.08	-23.45	-21.55	-23.63	-28.98	-26.27	-20.90
θ (180°)	-28.27	-30.32	-34.36	-38.26	-34.08	-35.93	-35.39	-29.20	-27.43	-28.01	-27.17	-26.41	-25.88	-27.20	-28.75	-30.87	-31.58	-34.39	-37.83	-29.35	-26.91	-26.75	-26.36	-27.46	-28.27

Ant.	No.2																								
Freq. (MHz)	5725																								
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°)	-20.34	-10.19	-5.05	-2.23	-0.62	0.12	0.30	0.01	-0.92	-2.72	-5.91	-11.98	-31.53	-10.80	-5.47	-2.60	-0.93	-0.02	0.26	-0.17	-1.27	-3.20	-6.40	-12.71	-20.34
θ (15°)	-12.22	-5.83	-2.37	-0.18	1.09	1.67	1.72	1.28	0.26	-1.48	-4.30	-8.85	-17.63	-19.25	-10.16	-6.40	-4.42	-3.27	-2.73	-2.96	-4.13	-6.68	-11.71	-22.92	-12.22
θ (30°)	-7.40	-4.30	-1.40	0.66	2.04	2.68	2.86	2.70	1.99	0.57	-1.48	-4.03	-7.71	-12.75	-12.83	-9.02	-6.65	-5.56	-5.45	-6.01	-7.11	-9.69	-15.29	-14.88	-7.40
θ (45°)	-5.46	-2.55	-0.35	1.39	2.41	2.80	[2.87]	2.82	2.36	1.21	-0.63	-3.58	-7.54	-11.14	-13.60	-12.57	-10.22	-8.65	-8.02	-8.33	-9.39	-11.67	-12.85	-10.22	-5.46
θ (60°)	-4.21	-2.14	0.02	1.20	1.87	2.32	2.49	2.53	2.25	1.54	0.20	-1.60	-4.19	-6.68	-9.43	-12.55	-13.46	-12.64	-11.63	-11.32	-12.08	-12.68	-10.75	-7.44	-4.21
θ (75°)	-3.54	-1.82	-0.20	0.83	1.24	1.41	1.66	1.65	1.40	1.21	0.33	-1.80	-3.34	-4.85	-7.50	-9.76	-11.53	-13.51	-14.60	-14.15	-12.59	-10.27	-7.67	-5.72	-3.54
θ (90°)	-4.21	-3.39	-2.47	-1.56	-0.99	-0.93	-0.83	-0.69	-0.47	-0.11	-0.24	-1.68	-3.36	-4.28	-5.52	-7.11	-10.05	-14.17	-17.11	-15.19	-11.56	-8.97	-7.23	-5.44	-4.21
θ (105°)	-6.06	-5.22	-4.85	-4.08	-4.05	-3.84	-3.37	-2.92	-2.33	-1.88	-2.39	-3.83	-4.79	-4.97	-5.85	-7.94	-10.68	-13.59	-15.77	-14.97	-12.36	-9.34	-6.61	-6.12	-6.06
θ (120°)	-9.29	-8.76	-9.32	-8.88	-8.84	-9.17	-8.43	-7.23	-6.09	-4.96	-4.44	-5.09	-6.43	-6.83	-6.58	-8.85	-12.53	-13.18	-13.61	-15.70	-16.70	-11.27	-8.17	-9.00	-9.29
θ (135°)	-12.56	-13.21	-13.36	-13.88	-14.30	-14.18	-13.94	-13.36	-11.97	-10.61	-9.88	-9.71	-10.18	-9.40	-8.88	-11.17	-15.53	-15.82	-14.52	-16.06	-19.01	-12.63	-10.01	-10.76	-12.56
θ (150°)	-18.04	-19.40	-19.58	-20.57	-20.83	-20.74	-19.86	-18.98	-17.29	-14.71	-12.70	-12.27	-13.57	-12.76	-11.00	-12.32	-17.89	-23.21	-21.92	-23.87	-18.48	-13.71	-12.07	-13.41	-18.04
θ (165°)	-20.79	-26.90	-38.05	-34.64	-30.29	-26.31	-25.94	-25.76	-23.44	-21.08	-19.83	-19.41	-19.39	-19.12	-20.62	-24.49	-27.49	-26.27	-23.95	-24.66	-24.09	-19.61	-17.33	-17.62	-20.79
θ (180°)	-29.29	-29.00	-28.44	-28.89	-33.37	-57.50	-36.69	-36.34	-31.71	-32.49	-34.41	-36.22	-34.78	-33.25	-34.38	-38.73	-40.25	-34.17	-36.15	-45.21	-33.91	-31.74	-30.59	-29.27	-29.29
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°)	[0.25]	-0.21	-1.40	-3.53	-6.87	-13.18	-26.65	-10.10	-4.81	-2.22	-0.84	-0.22	-0.06	-0.42	-1.42	-3.39	-7.06	-14.92	-18.75	-8.91	-4.62	-2.10	-0.57	0.17	0.25
θ (15°)	0.22	-0.22	-1.52	-3.83	-7.55	-15.74	-17.55	-7.84	-4.06	-1.90	-0.62	0.04	-0.02	-0.80	-2.26	-4.57	-8.17	-15.10	-23.86	-9.95	-5.15	-2.56	-0.97	-0.13	0.22
θ (30°)	-0.12	-0.21	-1.09	-3.15	-6.82	-13.42	-19.58	-9.14	-4.83	-2.32	-0.85	-0.36	-0.70	-1.80	-3.50	-5.81	-9.32	-15.75	-28.18	-12.02	-6.66	-3.69	-1.75	-0.64	-0.12
θ (45°)	-0.46	-0.61	-1.49	-3.79	-7.96	-15.59	-17.20	-8.28	-4.17	-2.07	-0.93	-0.43	-1.09	-2.14	-3.26	-5.51	-9.71	-18.10	-23.45	-11.80	-7.10	-4.30	-2.41	-1.26	-0.46
θ (60°)	-1.26	-1.32	-2.55	-4.89	-8.91	-17.56	-17.34	-9.64	-5.05	-2.34	-1.21	-1.01	-1.15	-2.20	-4.24	-6.66	-9.73	-15.61	-27.03	-14.77	-8.81	-5.25	-3.12	-1.93	-1.26
θ (75°)	-2.67	-2.95	-4.76	-8.03	-12.87	-22.84	-16.11	-9.31	-5.49	-3.28	-2.09	-1.75	-2.50	-3.46	-5.64	-7.71	-10.68	-17.41	-22.63	-12.56	-8.03	-6.11	-4.61	-3.00	-2.67
θ (90°)	-4.97	-4.97	-6.73	-10.07	-14.92	-21.88	-18.00	-11.88	-8.21	-5.75	-3.98	-3.14	-4.71	-5.17	-7.25	-9.20	-11.70	-17.41	-31.35	-15.02	-9.56	-8.24	-7.61	-5.27	-4.97
θ (105°)	-8.33	-9.05	-10.02	-13.39	-20.02	-27.12	-19.11	-13.30	-9.90	-7.50	-5.89	-5.59	-6.85	-7.41	-12.32	-12.22	-12.91	-19.97	-32.98	-17.83	-14.05	-12.57	-10.42	-9.31	-8.33
θ (120°)	-10.82	-10.79	-11.59	-13.22	-15.82	-22.23	-27.22	-17.73	-12.13	-9.50	-8.74	-8.59	-9.72	-10.95	-13.60	-23.10	-22.18	-24.20	-38.00	-22.98	-21.22	-19.89	-14.74	-11.91	-10.82
θ (135°)	-12.77	-12.18	-13.49	-15.91	-17.88	-25.65	-25.79	-16.64	-12.69	-10.53	-10.32	-12.00	-13.74	-14.16	-18.49	-23.96	-18.99	-22.29	-27.25	-20.23	-20.35	-58.91	-16.92	-13.41	-12.77
θ (150°)	-14.32	-15.18	-16.07	-16.41	-18.32	-21.25	-31.58	-20.94	-15.31	-13.24	-13.32	-14.67	-16.30	-17.59	-19.39	-17.33	-15.88	-19.14	-22.98	-18.33	-16.58	-19.62	-25.68	-16.81	-14.32
θ (165°)	-20.76	-20.51	-23.45	-31.01	-28.23	-25.47	-26.91	-23.23	-21.12	-20.91	-21.24	-21.91	-24.79	-30.22	-27.27	-22.09	-22.53	-27.97	-25.13	-20.36	-20.24	-22.90	-28.73	-25.80	-20.76
θ (180°)	-30.38	-30.86	-37.44	-33.69	-27.71	-26.12	-29.32	-36.64	-33.74	-28.44	-27.32	-28.93	-29.96	-31.81	-33.44	-37.00	-42.29	-43.00	-40.09	-42.66	-31.46	-29.42	-28.90	-29.78	-30.38

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°)	-18.93	-9.35	-4.48	-1.80	-0.30	0.47	0.66	0.28	-0.78	-2.69	-5.90	-12.10	-26.05	-10.11	-4.96	-2.17	-0.48	0.36	0.46	-0.06	-1.07	-2.81	-5.97	-12.52	-18.93
θ (15°)	-12.12	-5.51	-2.07	0.04	1.25	1.89	1.99	1.53	0.52	-1.30	-4.22	-9.19	-20.10	-16.15	-9.30	-5.92	-4.01	-2.94	-2.51	-2.91	-4.24	-6.80	-11.82	-23.85	-12.12
θ (30°)	-7.52	-4.17	-1.08	0.94	2.12	2.69	[2.90]	2.70	2.01	0.70	-1.35	-4.24	-7.97	-12.70	-12.89	-9.54	-7.29	-6.06	-5.57	-5.86	-6.88	-9.68	-15.53	-15.27	-7.52
θ (45°)	-5.63	-2.66	-0.23	1.52	2.34	2.62	2.69	2.59	2.19	1.16	-0.63	-3.27	-7.10	-11.49	-14.18	-13.09	-10.75	-9.11	-8.39	-8.66	-9.90	-12.16	-12.99	-10.22	-5.63
θ (60°)	-4.42	-2.35	-0.37	0.97	1.81	2.15	2.12	2.12	2.15	1.66	0.27	-1.58	-3.93	-6.64	-9.41	-12.06	-12.61	-11.75	-11.35	-11.75	-12.29	-11.77	-9.83	-7.30	-4.42
θ (75°)	-3.84	-1.98	-0.47	0.39	0.84	1.20	1.41	1.49	1.36	0.89	-0.12	-2.04	-3.73	-4.94	-7.92	-10.54	-11.70	-12.59	-13.00	-12.87	-12.42	-11.00	-8.35	-6.16	-3.84
θ (90°)	-4.73	-3.82	-2.60	-1.33	-0.94	-0.80	-0.42	-0.39	-0.62	-0.58	-0.58	-1.90	-3.85	-4.53	-6.12	-7.86	-10.02	-13.04	-15.04	-14.06	-11.44	-9.83	-7.72	-5.49	-4.73
θ (105°)	-5.79	-5.19	-4.75	-3.74	-3.50	-3.35	-3.15	-3.03	-2.61	-1.99	-2.45	-3.97	-5.25	-5.38	-6.25	-8.27	-10.60	-13.53	-14.94	-14.20	-12.53	-9.76	-6.77	-6.19	-5.79
θ (120°)	-9.12	-8.81	-9.18	-8.40	-8.62	-8.68	-8.06	-7.27	-6.16	-4.99	-4.56	-5.15	-6.19	-6.57	-6.32	-8.76	-12.97	-13.51	-13.45	-15.94	-18.74	-11.81	-8.64	-9.46	-9.12
θ (135°)	-12.96	-13.02	-12.71	-13.11	-13.73	-13.99	-13.69	-12.67	-11.28	-9.93	-9.41	-9.52	-9.61	-8.87	-8.70	-10.87	-14.32	-14.19	-14.39	-17.83	-20.76	-13.06	-10.50	-11.09	-12.96
θ (150°)	-18.72	-19.97	-20.05	-21.74	-22.17	-20.63	-18.32	-16.89	-15.93	-13.94	-11.83	-11.31	-12.85	-13.38	-11.78	-12.87	-17.77	-22.88	-22.67	-22.02	-18.32	-13.70	-12.09	-13.62	-18.72
θ (165°)	-21.09	-26.77	-36.18	-34.60	-29.05	-25.86	-23.68	-22.74	-22.66	-21.76	-20.27	-19.59	-19.47	-19.66	-21.28	-23.96	-24.14	-22.48	-22.60	-24.47	-23.95	-19.89	-17.91	-18.08	-21.09
θ (180°)	-29.98	-29.69	-29.34	-30.03	-32.25	-33.18	-33.74	-52.47	-36.04	-35.04	-40.33	-45.09	-39.40	-38.09	-33.13	-32.01	-30.92	-32.47	-34.83	-47.66	-34.13	-32.31	-30.67	-30.17	-29.98
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]	0.11	-1.03	-3.06	-6.47	-13.67	-22.23	-9.36	-4.70	-1.91	-0.31	0.38	0.42	-0.04	-1.16	-3.27	-7.18	-15.75	-19.11	-8.75	-4.38	-1.78	-0.30	0.45	0.55
θ (15°)	0.43	-0.03	-1.19	-3.22	-6.86	-15.61	-17.32	-7.89	-3.85	-1.48	-0.16	0.38	0.31	-0.31	-1.58	-3.78	-7.48	-14.90	-20.84	-9.73	-5.16	-2.38	-0.63	0.18	0.43
θ (30°)	0.31	0.11	-0.90	-2.90	-6.25	-12.82	-18.51	-9.27	-4.87	-2.38	-0.89	-0.05	0.04	-0.88	-2.74	-5.18	-8.51	-14.61	-29.81	-12.31	-7.16	-3.86	-1.54	-0.21	0.31
θ (45°)	0.12	-0.26	-1.60	-4.08	-7.68	-14.48	-16.16	-8.69	-4.61	-2.40	-1.03	-0.13	-0.71	-2.24	-3.82	-6.29	-10.47	-19.16	-20.78	-11.36	-6.89	-4.21	-2.18	-0.78	0.12
θ (60°)	-1.00	-1.12	-2.48	-5.12	-9.73	-18.03	-16.44	-9.45	-5.53	-2.66	-1.22	-1.02	-2.01	-4.42	-6.94	-9.98	-16.35	-31.06	-14.35	-8.76	-5.44	-3.33	-1.94	-1.00	
θ (75°)	-2.55	-3.15	-5.03	-8.23	-14.01	-22.56	-16.68	-10.32	-5.80	-3.37	-2.52	-1.93	-2.47	-3.26	-5.43	-8.19	-11.42	-17.80	-23.33	-12.18	-7.90	-6.28	-4.32	-2.61	-2.55
θ (90°)	-4.51	-5.02	-7.36	-9.83	-14.30	-21.96	-17.49	-12.18	-8.73	-6.04	-4.74	-3.67	-4.18	-4.99	-7.14	-9.24	-11.31	-18.02	-27.21	-13.50	-9.49	-8.38	-6.89	-4.73	-4.51
θ (105°)	-7.77	-8.71	-10.61	-15.10	-18.23	-26.48	-17.64	-12.64	-9.73	-7.73	-6.38	-5.49	-6.54	-6.97	-11.89	-12.06	-12.24	-19.63	-28.87	-17.40	-14.31	-13.19	-10.44	-8.65	-7.77
θ (120°)	-10.98	-10.99	-11.45	-13.51	-17.81	-25.17	-28.43	-18.69	-13.05	-10.11	-9.24	-9.24	-9.46	-9.86	-12.10	-19.91	-26.90	-26.29	-39.50	-27.26	-21.56	-20.85	-15.26	-11.83	-10.98
θ (135°)	-13.04	-13.14	-14.10	-14.68	-16.89	-24.02	-28.20	-18.28	-13.79	-11.74	-11.54	-12.28	-13.30	-14.18	-18.43	-25.48	-19.70	-22.30	-35.12	-21.50	-22.87	-29.89	-15.58	-12.95	-13.04
θ (150°)	-14.29	-15.58	-16.66	-15.74	-16.27	-20.80	-34.91	-22.24	-16.45	-13.67	-13.30	-14.77	-17.13	-18.47	-21.87	-19.33	-16.17	-17.95	-21.43	-16.30	-15.68	-20.45	-27.67	-16.55	-14.29
θ (165°)	-21.65	-21.39	-25.53	-33.46	-26.47	-28.11	-26.42	-20.81	-19.14	-19.50	-21.32	-24.95	-30.14	-29.60	-24.11	-21.96	-23.00	-30.90	-26.78	-20.78	-20.17	-22.23	-28.04	-27.33	-21.65
θ (180°)	-37.48	-42.70	-38.14	-30.08	-27.55	-26.25	-27.51	-26.50	-29.03	-35.15	-33.53	-31.42	-30.92	-31.58	-35.07	-39.91	-38.40	-42.97	-35.48	-28.99	-30.84	-33.10	-32.81	-33.35	-37.48

Ant.	No.2																								
Freq. (MHz)	5850																								
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°)	-21.56	-10.67	-5.38	-2.53	-0.80	0.15	0.44	0.02	-1.06	-2.88	-5.95	-11.44	-25.85	-11.55	-5.93	-2.92	-1.09	-0.15	0.04	-0.24	-1.08	-2.81	-6.03	-12.35	-21.56
θ (15°)	-13.08	-6.24	-2.91	-0.81	0.54	1.32	1.43	0.93	-0.12	-1.70	-4.31	-8.79	-17.80	-15.08	-8.53	-5.25	-3.36	-2.51	-2.48	-3.06	-4.14	-6.24	-10.48	-19.44	-13.08
θ (30°)	-8.27	-4.63	-1.61	0.25	1.41	2.05	2.15	1.89	1.34	0.22	-1.79	-4.77	-9.12	-14.98	-15.39	-10.68	-7.82	-6.35	-5.81	-6.26	-7.78	-10.57	-16.22	-16.49	-8.27
θ (45°)	-5.80	-2.59	-0.15	1.28	1.97	2.45	[2.57]	2.36	1.82	0.77	-0.92	-3.32	-7.01	-11.69	-15.29	-14.26	-11.92	-10.63	-10.18	-10.06	-10.65	-12.82	-13.69	-10.73	-5.80
θ (60°)	-4.78	-2.69	-0.57	0.93	1.76	1.99	2.08	2.03	1.89	1.53	0.33	-1.79	-3.88	-6.17	-9.25	-12.26	-13.32	-12.83	-12.62	-12.59	-12.63	-12.06	-10.19	-7.68	-4.78
θ (75°)	-4.32	-2.41	-0.82	0.23	0.88	1.05	1.12	1.15	1.27	0.98	-0.04	-2.15	-4.23	-5.12	-7.49	-9.96	-11.40	-12.39	-13.60	-13.69	-12.70	-10.42	-7.97	-6.45	-4.32
θ (90°)	-5.67	-4.55	-3.07	-1.87	-1.68	-1.19	-0.55	-0.34	-0.48	-0.68	-0.95	-2.14	-4.22	-5.14	-6.27	-8.34	-10.50	-12.82	-14.53	-14.45	-12.60	-11.00	-8.16	-6.21	-5.67
θ (105°)	-6.49	-6.20	-5.32	-4.25	-4.24	-3.89	-3.34	-3.18	-3.26	-2.83	-2.89	-4.14	-5.55	-5.80	-6.75	-9.59	-11.54	-13.40	-15.28	-15.15	-13.79	-10.69	-7.44	-6.92	-6.49
θ (120°)	-9.48	-9.24	-9.55	-9.02	-9.08	-8.89	-8.54	-8.33	-7.41	-5.97	-5.18	-5.70	-7.06	-7.36	-6.66	-8.94	-13.73	-13.90	-13.36	-16.78	-18.83	-11.87	-9.37	-10.42	-9.48
θ (135°)	-13.86	-12.90	-12.48	-13.08	-14.09	-15.17	-15.24	-13.65	-11.67	-10.20	-9.85	-10.49	-10.87	-9.42	-8.98	-11.60	-16.32	-15.80	-15.87	-20.84	-21.77	-13.23	-10.84	-11.64	-13.86
θ (150°)	-19.90	-20.91	-21.30	-23.12	-22.42	-20.24	-18.19	-17.38	-16.86	-14.83	-12.36	-11.69	-12.93	-13.88	-12.71	-13.66	-17.69	-20.80	-20.22	-21.17	-19.25	-15.22	-13.63	-15.28	-19.90
θ (165°)	-24.89	-33.53	-46.36	-41.58	-29.75	-24.40	-21.88	-21.68	-22.75	-21.86	-20.57	-20.22	-20.65	-21.21	-21.95	-24.51	-24.24	-21.47	-21.15	-24.51	-26.29	-23.29	-20.83	-20.95	-24.89
θ (180°)	-32.71	-32.01	-31.03	-30.12	-28.41	-28.01	-34.25	-42.81	-42.82	-38.12	-36.13	-42.16	-43.39	-34.09	-30.22	-28.13	-29.31	-33.07	-36.77	-33.73	-34.95	-38.14	-36.12	-35.12	-32.71
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°)	[0.23]	-0.18	-1.27	-3.17	-6.74	-14.07	-24.29	-10.52	-5.65	-2.69	-0.89	-0.01	0.09	-0.45	-1.70	-3.86	-7.39	-14.46	-24.48	-9.87	-4.79	-2.15	-0.62	0.11	0.23
θ (15°)	0.11	-0.40	-1.63	-3.89	-7.98	-16.43	-20.73	-9.26	-4.57	-2.07	-0.66	-0.06	-0.08	-0.80	-2.20	-4.52	-8.36	-16.70	-20.34	-9.73	-5.13	-2.41	-0.79	-0.08	0.11
θ (30°)	-0.28	-0.64	-1.76	-3.87	-7.62	-15.40	-21.56	-10.13	-5.53	-3.06	-1.42	-0.49	-0.35	-1.12	-2.81	-5.49	-9.44	-16.33	-31.02	-13.53	-7.65	-4.06	-1.70	-0.55	-0.28
θ (45°)	-0.33	-1.20	-2.73	-5.14	-9.46	-17.80	-15.12	-9.17	-5.28	-2.98	-1.79	-0.72	-0.71	-2.11	-3.91	-6.40	-10.24	-16.70	-26.33	-12.13	-7.42	-4.83	-2.33	-0.78	-0.33
θ (60°)	-1.28	-1.89	-3.64	-6.17	-10.10	-18.37	-17.18	-9.94	-6.29	-3.87	-2.06	-1.45	-1.42	-2.09	-4.85	-8.42	-11.44	-17.42	-28.29	-14.35	-9.29	-6.01	-3.48	-1.81	-1.28
θ (75°)	-3.25	-4.02	-5.85	-9.24	-13.95	-21.42	-15.19	-9.77	-6.26	-3.99	-3.11	-2.39	-2.78	-4.00	-6.00	-8.48	-12.57	-20.28	-23.75	-13.84	-9.18	-6.79	-4.67	-3.18	-3.25
θ (90°)	-5.34	-6.56	-8.28	-10.35	-15.60	-26.30	-19.02	-11.82	-8.39	-5.98	-5.07	-4.53	-4.86	-5.47	-7.45	-10.14	-12.80	-19.66	-24.50	-14.63	-10.35	-8.62	-6.78	-4.83	-5.34
θ (105°)	-8.25	-9.55	-12.07	-14.22	-17.01	-25.61	-17.37	-12.52	-9.64	-7.84	-7.14	-6.52	-6.53	-6.50	-11.40	-14.29	-12.94	-20.08	-27.33	-16.31	-13.68	-12.85	-9.30	-7.97	-8.25
θ (120°)	-11.39	-11.58	-12.39	-14.77	-18.09	-23.41	-27.03	-18.52	-13.38	-10.05	-8.99	-9.37	-10.36	-10.32	-11.57	-16.87	-21.78	-26.80	-28.79	-23.67	-23.13	-21.73	-14.19	-11.77	-11.39
θ (135°)	-13.78	-13.17	-13.37	-14.76	-17.85	-22.76	-38.22	-19.39	-13.36	-11.13	-11.53	-13.75	-14.61	-14.91	-18.84	-33.78	-24.78	-24.03	-33.29	-27.33	-26.92	-26.91	-15.81	-13.39	-13.78
θ (150°)	-15.13	-16.59	-16.28	-14.50	-15.79	-20.72	-29.81	-21.70	-16.26	-13.67	-13.07	-14.24	-16.87	-19.86	-24.21	-21.47	-19.31	-21.73	-25.44	-19.86	-17.97	-22.24	-27.78	-16.81	-15.13
θ (165°)	-21.86	-22.56	-25.45	-25.12	-24.79	-25.91	-23.88	-22.12	-20.24	-19.29	-19.58	-20.67	-24.09	-27.72	-27.75	-26.36	-29.36	-38.14	-30.16	-23.47	-21.03	-22.60	-28.69	-26.35	-21.86
θ (180°)	-32.62	-39.44	-51.05	-35.91	-32.82	-34.84	-34.70	-30.80	-29.93	-31.11	-29.97	-29.51	-30.01	-30.73	-31.62	-28.87	-29.48	-35.18	-38.44	-31.52	-32.61	-34.09	-31.77	-30.19	-32.62

Ant.	No.3																								
Freq. (MHz)	5150																								
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°)	-19.86	-9.51	-4.06	-1.10	0.71	1.75	2.11	1.80	0.82	-0.97	-4.00	-9.62	-21.93	-9.29	-3.79	-0.87	0.91	1.88	[2.17]	1.84	0.82	-0.99	-4.01	-9.55	-19.86
θ (15°)	-23.50	-9.12	-3.81	-1.02	0.55	1.39	1.55	1.12	0.02	-1.94	-5.42	-12.46	-17.46	-7.46	-3.12	-0.68	0.74	1.47	1.67	1.36	0.45	-1.24	-4.12	-8.39	-23.50
θ (30°)	-18.46	-11.82	-5.41	-2.29	-0.52	0.52	0.93	0.74	-0.09	-1.73	-4.72	-10.77	-17.02	-7.47	-3.46	-1.54	-0.63	-0.29	-0.29	-0.55	-1.04	-1.89	-3.60	-7.30	-18.46
θ (45°)	-17.40	-10.64	-5.74	-3.43	-2.15	-1.49	-1.28	-1.60	-2.51	-4.31	-8.03	-18.06	-13.27	-7.10	-5.23	-4.85	-4.74	-4.64	-4.53	-4.33	-4.11	-4.10	-5.11	-7.83	-17.40
θ (60°)	-19.56	-13.23	-7.97	-6.10	-5.01	-4.36	-4.14	-4.36	-5.05	-6.23	-8.47	-14.13	-15.91	-9.45	-7.03	-6.01	-5.52	-5.53	-6.06	-6.90	-7.27	-7.02	-7.10	-9.30	-19.56
θ (75°)	-17.83	-11.92	-8.42	-7.21	-6.14	-5.23	-5.10	-5.79	-7.25	-9.56	-14.48	-26.95	-13.73	-9.38	-7.55	-6.27	-5.90	-6.16	-6.51	-7.11	-7.81	-7.96	-8.40	-10.40	-17.83
θ (90°)	-14.95	-11.94	-8.87	-7.42	-6.67	-6.26	-6.35	-6.91	-8.33	-11.28	-15.45	-21.48	-15.90	-10.97	-9.11	-8.17	-7.55	-7.33	-7.31	-7.09	-6.94	-7.48	-9.17	-12.94	-14.95
θ (105°)	-13.19	-10.96	-9.13	-7.92	-7.44	-7.72	-8.03	-8.17	-8.73	-10.41	-14.04	-16.52	-14.35	-10.88	-7.84	-6.62	-6.81	-7.33	-8.04	-8.46	-8.40	-8.77	-10.92	-13.87	-13.19
θ (120°)	-19.96	-18.18	-12.92	-10.15	-9.32	-9.37	-9.66	-9.80	-9.99	-10.33	-11.02	-12.96	-15.43	-12.65	-8.40	-6.83	-6.92	-7.54	-7.99	-8.48	-9.82	-12.29	-14.54	-15.43	-19.96
θ (135°)	-16.57	-15.52	-11.30	-9.89	-9.71	-10.51	-11.32	-12.56	-14.45	-18.36	-25.69	-26.95	-18.91	-15.02	-15.45	-15.11	-11.82	-10.07	-9.85	-10.54	-12.14	-12.68	-10.61	-10.57	-16.57
θ (150°)	-18.74	-16.52	-16.18	-16.45	-12.56	-9.71	-8.75	-9.32	-11.42	-15.30	-20.75	-23.35	-23.37	-19.85	-21.68	-29.43	-15.40	-11.24	-9.99	-10.88	-14.36	-23.24	-21.68	-18.50	-18.74
θ (165°)	-17.85	-16.99	-15.21	-13.78	-12.40	-11.25	-10.69	-11.24	-11.96	-12.89	-14.57	-17.34	-21.94	-24.60	-23.82	-21.41	-17.09	-14.30	-13.67	-15.52	-20.44	-22.36	-18.70	-17.58	-17.85
θ (180°)	-36.24	-24.94	-18.94	-15.78	-14.10	-13.03	-12.46	-12.49	-13.03	-14.20	-16.37	-20.25	-26.85	-23.92	-18.15	-14.94	-13.29	-12.21	-11.84	-11.89	-12.75	-14.41	-17.13	-22.09	-36.24
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°)	1.97	1.81	1.01	-0.52	-3.19	-8.00	-20.06	-11.50	-4.78	-1.48	0.48	1.58	2.01	1.85	1.07	-0.47	-3.16	-7.90	-20.58	-11.64	-4.98	-1.58	0.38	1.52	1.97
θ (15°)	2.16	1.84	0.86	-0.96	-3.92	-9.40	-26.63	-10.30	-4.45	-1.39	0.43	1.43	1.69	1.32	0.25	-1.64	-4.73	-10.29	-27.03	-10.26	-4.44	-1.27	0.66	1.60	2.16
θ (30°)	[2.24]	1.98	0.91	-0.99	-3.92	-8.84	-24.45	-11.89	-5.10	-1.74	0.25	1.32	1.63	1.17	-0.11	-2.29	-5.59	-10.97	-23.18	-12.87	-6.38	-2.66	-0.11	1.48	2.24
θ (45°)	2.22	1.72	0.09	-2.51	-6.08	-12.56	-24.07	-9.60	-4.52	-1.53	0.55	1.79	1.99	1.03	-0.81	-3.30	-6.55	-11.58	-23.03	-15.31	-8.14	-3.75	-0.63	1.15	2.22
θ (60°)	1.62	1.08	-0.76	-3.39	-6.80	-11.84	-23.15	-13.30	-7.12	-3.72	-1.06	0.83	1.32	0.35	-1.89	-5.14	-9.07	-14.08	-24.15	-17.50	-10.87	-6.44	-2.57	0.24	1.62
θ (75°)	0.66	-0.03	-2.03	-4.90	-8.64	-15.83	-23.43	-11.37	-6.71	-3.93	-1.66	-0.02	0.45	-0.71	-3.43	-7.15	-11.57	-17.97	-35.61	-15.30	-9.45	-6.10	-2.93	-0.65	0.66
θ (90°)	-1.53	-1.57	-2.13	-3.83	-6.90	-12.71	-26.97	-13.25	-6.93	-3.62	-2.09	-1.53	-1.36	-1.33	-2.58	-5.73	-9.74	-14.81	-21.23	-20.28	-11.74	-5.82	-2.90	-1.85	-1.53
θ (105°)	-4.01	-2.75	-2.91	-5.40	-9.72	-16.58	-23.91	-12.37	-7.08	-3.95	-3.06	-4.03	-5.12	-5.00	-4.88	-6.40	-10.05	-16.26	-33.36	-14.32	-8.52	-5.04	-3.80	-4.29	-4.01
θ (120°)	-7.23	-5.90	-4.94	-6.71	-10.75	-18.09	-24.70	-13.03	-8.01	-4.83	-3.48	-4.76	-7.59	-8.12	-5.68	-4.52	-6.42	-12.22	-33.37	-14.95	-8.95	-5.90	-5.18	-6.60	-7.23
θ (135°)	-10.61	-7.93	-5.68	-6.45	-10.87	-22.17	-19.55	-11.37	-7.96	-6.94	-7.83	-10.09	-11.43	-9.27	-6.39	-5.47	-7.06	-11.23	-24.04	-13.79	-7.15	-4.99	-5.96	-8.59	-10.61
θ (150°)	-16.88	-16.08	-12.72	-11.08	-12.54	-18.18	-19.54	-11.98	-8.69	-8.16	-10.52	-15.12	-15.01	-13.17	-10.61	-8.23	-8.11	-10.99	-20.19	-17.82	-10.33	-8.28	-9.33	-12.90	-16.88
θ (165°)	-17.43	-17.35	-18.31	-19.12	-19.48	-21.82	-24.31	-23.24	-20.63	-18.48	-15.68	-13.41	-12.27	-12.40	-12.98	-13.64	-15.56	-20.47	-36.49	-21.69	-18.04	-19.00	-21.85	-20.86	-17.43
θ (180°)	-11.62	-12.07	-13.54	-15.83	-19.52	-25.85	-31.62	-22.84	-17.95	-14.90	-12.96	-11.71	-11.33	-11.57	-12.52	-14.32	-17.03	-21.80	-33.94	-25.30	-18.52	-14.89	-12.71	-11.69	-11.62

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°)	-19.97	-9.35	-3.69	-0.65	1.11	2.06	2.39	2.15	1.28	-0.43	-3.42	-8.90	-21.76	-9.09	-3.52	-0.48	1.32	2.27	[2.56]	2.25	1.31	-0.44	-3.40	-8.75	-19.97
θ (15°)	-23.34	-9.23	-4.03	-1.24	0.40	1.23	1.41	0.95	-0.19	-2.22	-5.75	-12.94	-16.45	-7.21	-2.93	-0.46	1.02	1.79	2.00	1.67	0.68	-1.08	-4.16	-8.67	-23.34
θ (30°)	-19.94	-12.99	-5.75	-2.41	-0.51	0.55	0.95	0.81	0.05	-1.56	-4.54	-10.54	-17.12	-7.29	-3.10	-1.09	-0.15	0.18	0.16	-0.08	-0.59	-1.57	-3.42	-7.12	-19.94
θ (45°)	-19.25	-11.18	-5.74	-3.20	-1.79	-1.07	-0.90	-1.28	-2.28	-4.30	-8.40	-17.89	-12.42	-6.86	-4.91	-4.28	-3.99	-3.84	-3.86	-3.86	-3.76	-3.81	-4.85	-7.57	-19.25
θ (60°)	-18.85	-12.73	-7.82	-6.01	-4.89	-4.19	-3.93	-4.22	-4.87	-5.71	-7.50	-12.94	-16.39	-8.61	-6.09	-5.25	-5.27	-5.56	-6.00	-6.54	-6.57	-6.11	-6.17	-8.74	-18.85
θ (75°)	-18.15	-12.32	-8.43	-7.03	-5.77	-4.80	-4.66	-5.38	-6.98	-9.55	-14.43	-28.54	-13.15	-8.52	-7.04	-6.46	-6.29	-6.55	-6.68	-6.84	-7.22	-7.38	-7.74	-9.60	-18.15
θ (90°)	-14.87	-12.01	-8.25	-6.55	-5.87	-5.57	-5.56	-5.99	-7.30	-9.98	-14.14	-22.69	-14.69	-9.94	-8.52	-8.02	-7.58	-7.24	-7.21	-6.99	-6.64	-7.17	-9.06	-12.58	-14.87
θ (105°)	-13.03	-10.40	-7.85	-6.65	-6.64	-6.97	-7.19	-7.37	-7.65	-8.92	-12.33	-16.10	-13.59	-10.18	-7.16	-5.91	-6.25	-7.15	-7.98	-8.46	-8.43	-8.55	-10.09	-12.45	-13.03
θ (120°)	-18.25	-16.60	-11.89	-9.38	-8.65	-8.64	-8.94	-9.41	-9.89	-10.24	-10.81	-12.72	-14.41	-11.60	-7.98	-6.50	-6.80	-7.59	-8.23	-8.76	-9.79	-11.54	-12.81	-13.78	-18.25
θ (135°)	-16.22	-15.38	-10.90	-9.48	-9.41	-10.18	-11.08	-12.33	-14.11	-17.06	-22.60	-27.27	-18.49	-14.34	-14.44	-14.52	-11.65	-10.21	-10.13	-10.76	-12.00	-12.09	-10.06	-9.96	-16.22
θ (150°)	-21.36	-18.96	-18.20	-17.71	-12.50	-9.61	-8.67	-9.32	-11.63	-15.97	-20.83	-22.23	-20.53	-17.38	-18.86	-30.25	-16.20	-11.61	-10.26	-11.28	-15.33	-27.94	-20.20	-17.76	-21.36
θ (165°)	-16.98	-16.23	-14.52	-13.00	-11.50	-10.47	-10.08	-10.89	-12.17	-13.50	-14.95	-17.44	-21.04	-23.07	-23.22	-21.04	-16.68	-13.89	-13.38	-15.61	-20.96	-21.99	-17.92	-16.83	-16.98
θ (180°)	-34.27	-24.08	-18.31	-15.35	-13.71	-12.68	-12.18	-12.33	-13.02	-14.30	-16.43	-20.26	-26.45	-23.92	-18.45	-15.24	-13.37	-12.28	-11.84	-12.01	-12.70	-14.30	-16.93	-22.03	-34.27
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°)	2.33	2.08	1.23	-0.36	-3.10	-8.14	-22.36	-10.31	-3.99	-0.81	1.04	2.02	[2.37]	2.14	1.32	-0.25	-2.99	-8.01	-21.34	-10.34	-4.14	-0.88	0.96	1.97	2.33
θ (15°)	2.16	1.79	0.75	-1.07	-4.04	-9.63	-22.26	-9.54	-3.97	-1.05	0.66	1.60	1.88	1.56	0.63	-1.08	-4.01	-9.32	-26.79	-10.23	-4.16	-1.00	0.87	1.74	2.16
θ (30°)	2.25	1.97	0.93	-0.83	-3.56	-8.31	-21.10	-12.60	-5.65	-2.04	0.10	1.30	1.72	1.34	0.11	-2.04	-5.42	-11.07	-26.28	-11.97	-5.60	-2.01	0.32	1.69	2.25
θ (45°)	2.20	1.55	-0.04	-2.42	-5.71	-12.25	-23.20	-9.00	-4.03	-1.19	0.65	1.78	2.06	1.34	-0.36	-2.86	-6.38	-11.94	-22.60	-12.96	-6.69	-2.74	0.03	1.51	2.20
θ (60°)	1.87	1.30	-0.56	-3.17	-6.37	-11.09	-21.33	-12.32	-6.43	-3.25	-0.82	0.95	1.53	0.63	-1.45	-4.57	-8.47	-13.25	-23.73	-16.26	-9.32	-5.22	-1.83	0.71	1.87
θ (75°)	0.56	-0.11	-1.92	-4.66	-8.47	-16.01	-21.78	-10.50	-5.99	-3.37	-1.29	0.24	0.56	-0.58	-3.18	-6.58	-10.47	-17.00	-32.29	-14.57	-9.02	-5.61	-2.63	-0.60	0.56
θ (90°)	-1.28	-1.76	-2.38	-3.86	-6.95	-13.06	-25.95	-13.15	-7.23	-3.84	-2.35	-1.92	-1.69	-1.61	-2.83	-6.22	-11.19	-17.02	-22.63	-17.36	-11.45	-5.81	-2.36	-1.01	-1.28
θ (105°)	-4.00	-3.01	-3.09	-5.48	-9.32	-15.78	-20.44	-10.79	-6.30	-3.61	-2.90	-3.98	-4.71	-4.19	-4.17	-6.04	-10.09	-16.29	-29.36	-15.58	-9.14	-5.06	-3.48	-3.83	-4.00
θ (120°)	-7.59	-6.48	-5.57	-7.25	-10.98	-18.06	-24.02	-12.44	-7.50	-4.46	-3.13	-4.54	-7.53	-7.98	-5.53	-4.42	-6.32	-11.84	-27.97	-15.74	-9.43	-5.93	-5.02	-6.49	-7.59
θ (135°)	-11.64	-8.63	-6.10	-6.81	-11.41	-23.58	-19.09	-11.51	-8.17	-7.12	-8.26	-11.05	-12.42	-9.65	-6.37	-5.48	-7.11	-11.50	-24.47	-13.79	-7.05	-4.72	-5.71	-8.70	-11.64
θ (150°)	-16.09	-15.21	-12.32	-10.98	-12.73	-19.14	-22.23	-12.53	-8.81	-8.19	-10.36	-14.91	-14.46	-12.97	-10.69	-8.45	-8.47	-11.73	-22.48	-15.96	-9.43	-7.53	-8.63	-12.12	-16.09
θ (165°)	-17.96	-17.87	-19.29	-20.41	-21.65	-24.70	-25.27	-20.47	-18.48	-17.94	-16.03	-13.52	-12.12	-12.01	-12.66	-13.76	-16.36	-23.02	-30.95	-19.51	-16.52	-16.97	-20.26	-20.66	-17.96
θ (180°)	-11.63	-12.14	-13.20	-15.27	-18.64	-25.15	-35.06	-23.61	-18.18	-14.97	-12.95	-11.72	-11.29	-11.55	-12.42	-14.11	-16.83	-21.51	-31.25	-25.23	-18.59	-14.99	-12.91	-11.87	-11.63

Ant.	No.3																								
Freq. (MHz)	5250																								
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°)	-20.32	-8.91	-3.26	-0.26	1.48	2.45	2.79	2.53	1.64	-0.04	-3.00	-8.40	-22.30	-8.98	-3.23	-0.19	1.60	2.54	[2.83]	2.55	1.63	-0.08	-2.99	-8.46	-20.32
θ (15°)	-23.99	-9.56	-4.06	-1.20	0.49	1.34	1.55	1.17	0.13	-1.83	-5.21	-11.60	-16.08	-7.51	-3.06	-0.56	0.96	1.79	2.08	1.85	0.97	-0.71	-3.72	-8.11	-23.99
θ (30°)	-23.54	-13.23	-5.92	-2.64	-0.80	0.17	0.53	0.37	-0.39	-1.90	-4.84	-10.67	-17.71	-7.46	-3.14	-1.11	-0.18	0.17	0.23	0.01	-0.53	-1.57	-3.60	-7.52	-23.54
θ (45°)	-20.31	-11.12	-5.82	-3.49	-2.12	-1.33	-1.14	-1.43	-2.38	-4.22	-7.79	-14.64	-12.59	-7.01	-4.69	-3.78	-3.37	-3.17	-3.12	-3.23	-3.38	-3.65	-4.85	-7.73	-20.31
θ (60°)	-19.06	-13.26	-8.47	-6.52	-5.21	-4.25	-3.95	-4.42	-5.44	-6.50	-8.18	-13.51	-17.45	-8.49	-5.79	-5.04	-5.15	-5.68	-6.01	-6.17	-6.09	-5.73	-6.04	-8.95	-19.06
θ (75°)	-20.03	-12.64	-8.75	-7.40	-6.12	-4.97	-4.78	-5.65	-7.63	-10.38	-15.30	-27.77	-13.24	-8.30	-6.68	-6.43	-6.63	-6.81	-6.80	-6.74	-7.01	-7.28	-7.59	-9.64	-20.03
θ (90°)	-15.74	-12.79	-8.30	-6.30	-5.67	-5.37	-5.31	-5.71	-6.89	-9.24	-13.30	-23.45	-14.87	-9.69	-8.37	-8.14	-7.86	-7.47	-7.26	-7.01	-6.58	-6.82	-8.75	-12.35	-15.74
θ (105°)	-13.69	-10.27	-7.29	-6.11	-5.97	-6.14	-6.32	-6.54	-6.84	-8.20	-12.11	-18.21	-14.85	-10.81	-7.47	-6.07	-6.30	-7.15	-7.90	-8.43	-8.61	-8.74	-10.13	-12.47	-13.69
θ (120°)	-18.13	-16.12	-11.19	-8.55	-7.77	-7.95	-8.50	-8.96	-9.40	-9.91	-10.70	-13.00	-14.87	-11.75	-8.33	-6.76	-6.94	-7.68	-8.29	-8.70	-9.64	-11.26	-12.84	-14.14	-18.13
θ (135°)	-17.15	-15.36	-10.25	-8.57	-8.47	-9.22	-9.86	-10.82	-12.43	-15.32	-20.51	-25.59	-17.52	-13.95	-13.80	-13.64	-11.28	-9.86	-9.75	-10.40	-11.33	-11.20	-9.77	-10.02	-17.15
θ (150°)	-21.89	-21.19	-20.01	-18.68	-12.86	-9.89	-8.97	-9.60	-11.76	-16.51	-21.61	-21.96	-20.72	-18.12	-20.16	-29.00	-15.54	-11.29	-10.13	-11.01	-14.64	-27.53	-20.75	-17.32	-21.89
θ (165°)	-17.43	-16.69	-14.80	-13.00	-11.50	-10.39	-9.88	-10.52	-11.74	-13.38	-15.06	-17.88	-21.72	-23.85	-23.07	-20.88	-16.89	-14.21	-13.63	-15.73	-21.37	-23.32	-18.58	-17.34	-17.43
θ (180°)	-33.36	-22.65	-17.14	-14.40	-12.87	-11.99	-11.74	-11.86	-12.50	-13.63	-15.88	-19.39	-24.78	-22.12	-17.26	-14.46	-12.79	-11.84	-11.52	-11.74	-12.36	-13.85	-16.40	-21.52	-33.36
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°)	2.72	2.45	1.58	-0.05	-2.81	-7.83	-22.42	-10.33	-3.83	-0.52	1.43	2.45	[2.81]	2.58	1.72	0.11	-2.73	-7.92	-21.78	-9.65	-3.57	-0.43	1.40	2.37	2.72
θ (15°)	2.44	1.99	0.87	-1.08	-4.34	-10.68	-20.91	-8.22	-3.06	-0.26	1.34	2.18	2.42	2.07	1.10	-0.65	-3.61	-8.99	-22.51	-9.44	-3.54	-0.38	1.41	2.19	2.44
θ (30°)	2.29	1.91	0.77	-1.10	-4.07	-9.25	-23.82	-11.46	-5.11	-1.75	0.27	1.41	1.81	1.40	1.10	-2.08	-5.45	-11.03	-28.37	-11.85	-5.35	-1.74	0.55	1.89	2.29
θ (45°)	2.19	1.36	-0.26	-2.50	-5.68	-12.05	-24.44	-9.27	-4.20	-1.22	0.69	1.81	2.10	1.41	-0.37	-3.02	-6.77	-13.24	-26.67	-11.92	-5.97	-2.16	0.46	1.78	2.19
θ (60°)	2.04	1.49	-0.30	-2.85	-6.13	-11.33	-20.93	-10.75	-5.58	-2.79	-0.65	0.98	1.61	0.73	-1.44	-4.39	-7.91	-12.54	-23.56	-16.81	-9.16	-4.91	-1.55	0.93	2.04
θ (75°)	0.76	0.04	-1.70	-4.27	-7.89	-15.38	-22.55	-10.59	-5.93	-3.30	-1.25	0.32	0.79	-0.28	-2.83	-6.21	-9.75	-15.45	-30.48	-13.78	-8.51	-5.23	-2.29	-0.42	0.76
θ (90°)	-1.50	-2.16	-2.79	-4.12	-7.21	-13.62	-28.58	-13.57	-8.02	-4.66	-2.93	-2.36	-2.05	-2.02	-3.19	-6.68	-12.05	-19.06	-25.15	-15.81	-10.71	-5.89	-2.40	-1.01	-1.50
θ (105°)	-3.71	-3.25	-3.72	-6.26	-10.09	-17.68	-19.55	-9.95	-5.74	-3.26	-2.61	-3.78	-4.65	-4.02	-3.81	-5.79	-10.39	-18.25	-24.35	-14.57	-8.98	-4.97	-3.12	-3.28	-3.71
θ (120°)	-7.29	-6.77	-5.91	-7.15	-10.30	-16.95	-23.53	-12.03	-7.33	-4.55	-3.38	-4.80	-7.62	-8.08	-5.88	-4.95	-6.85	-12.23	-28.36	-16.80	-10.01	-6.04	-4.70	-5.93	-7.29
θ (135°)	-12.47	-9.31	-6.48	-7.14	-11.83	-22.27	-19.07	-11.61	-8.14	-7.08	-8.31	-11.51	-13.01	-9.97	-6.58	-5.55	-7.15	-11.39	-24.97	-14.00	-6.84	-4.39	-5.31	-8.53	-12.47
θ (150°)	-17.44	-16.59	-13.22	-11.39	-12.72	-19.02	-24.54	-13.30	-9.33	-8.78	-11.33	-17.02	-15.10	-14.06	-12.01	-9.15	-8.74	-11.58	-19.97	-16.41	-9.90	-7.94	-8.99	-12.86	-17.44
θ (165°)	-17.85	-17.91	-19.63	-21.11	-21.93	-26.41	-28.96	-21.09	-17.93	-16.76	-15.55	-13.44	-12.32	-12.33	-13.17	-14.45	-16.61	-21.50	-27.83	-19.43	-16.43	-17.02	-19.83	-20.76	-17.85
θ (180°)	-11.50	-11.78	-13.02	-15.00	-18.63	-25.02	-37.00	-24.37	-18.55	-15.12	-13.07	-11.81	-11.26	-11.45	-12.30	-13.91	-16.83	-22.05	-35.74	-25.70	-18.82	-15.25	-13.09	-11.82	-11.50

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°)	-20.82	-8.97	-3.37	-0.40	1.40	2.40	[2.73]	2.44	1.51	-0.20	-3.14	-8.50	-21.95	-9.14	-3.41	-0.40	1.39	2.36	2.69	2.41	1.47	-0.27	-3.19	-8.61	-20.82
θ (15°)	-26.38	-9.54	-3.92	-0.98	0.71	1.56	1.78	1.42	0.40	-1.50	-4.77	-11.08	-16.94	-7.88	-3.33	-0.82	0.69	1.48	1.76	1.55	0.76	-0.82	-3.68	-7.86	-26.38
θ (30°)	-24.41	-12.76	-6.03	-2.95	-1.18	-0.17	0.24	0.07	-0.67	-2.21	-5.05	-10.76	-17.83	-7.92	-3.68	-1.75	-0.92	-0.55	-0.47	-0.64	-1.17	-2.23	-4.24	-8.34	-24.41
θ (45°)	-21.80	-10.49	-5.63	-3.49	-2.19	-1.50	-1.36	-1.74	-2.68	-4.32	-7.46	-13.88	-15.65	-8.33	-5.20	-3.81	-3.20	-2.84	-2.72	-2.84	-3.07	-3.55	-4.88	-7.91	-21.80
θ (60°)	-18.57	-13.41	-9.17	-7.26	-5.90	-4.88	-4.62	-5.15	-6.23	-7.33	-8.88	-14.14	-19.03	-8.49	-5.65	-4.91	-4.96	-5.38	-5.64	-5.83	-5.91	-5.72	-6.27	-9.50	-18.57
θ (75°)	-21.35	-12.59	-10.01	-8.91	-6.98	-5.54	-5.28	-6.27	-8.90	-12.86	-18.75	-31.25	-13.91	-8.67	-6.75	-6.57	-6.66	-6.58	-6.49	-6.54	-6.95	-7.40	-8.10	-10.57	-21.35
θ (90°)	-18.96	-14.57	-9.17	-7.04	-6.06	-5.69	-5.74	-6.38	-7.94	-10.41	-13.75	-23.11	-17.96	-10.52	-8.65	-8.47	-8.10	-7.48	-7.27	-7.16	-6.69	-6.88	-8.93	-13.30	-18.96
θ (105°)	-16.16	-11.58	-7.97	-6.55	-6.08	-6.07	-6.22	-6.52	-6.93	-8.23	-12.08	-20.03	-17.77	-12.29	-8.03	-6.15	-6.29	-6.99	-7.42	-7.70	-8.06	-8.67	-10.48	-13.29	-16.16
θ (120°)	-19.66	-18.03	-12.23	-9.03	-8.18	-8.66	-9.15	-9.58	-9.80	-10.15	-11.07	-13.64	-17.11	-13.75	-9.58	-7.63	-7.72	-8.34	-8.56	-8.74	-9.75	-11.90	-13.87	-15.05	-19.66
θ (135°)	-19.39	-15.89	-10.41	-8.67	-8.60	-9.13	-9.53	-10.34	-11.88	-15.07	-21.57	-32.70	-19.59	-15.60	-15.29	-14.24	-11.17	-9.51	-9.33	-9.96	-10.94	-11.43	-10.59	-11.07	-19.39
θ (150°)	-22.63	-21.58	-20.16	-18.75	-12.84	-9.82	-8.75	-9.14	-11.11	-15.70	-21.42	-22.29	-21.79	-18.87	-20.16	-34.36	-15.85	-11.23	-10.08	-10.88	-14.11	-24.14	-22.51	-18.20	-22.63
θ (165°)	-17.93	-17.17	-15.09	-13.25	-11.65	-10.35	-9.87	-10.54	-11.79	-13.30	-15.06	-17.90	-22.37	-23.81	-22.51	-20.25	-16.44	-13.84	-13.45	-15.47	-21.04	-23.01	-18.54	-17.57	-17.93
θ (180°)	-34.15	-23.42	-17.72	-14.82	-13.19	-12.08	-11.60	-11.69	-12.38	-13.62	-15.99	-19.76	-25.31	-22.64	-17.71	-14.92	-13.31	-12.38	-11.93	-12.23	-12.80	-14.40	-16.85	-21.76	-34.15
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°)	2.82	2.59	1.73	0.08	-2.75	-7.86	-21.90	-9.66	-3.57	-0.40	1.49	2.52	[2.89]	2.65	1.74	0.07	-2.79	-7.98	-21.16	-9.43	-3.45	-0.39	1.43	2.45	2.82
θ (15°)	2.66	2.27	1.18	-0.74	-4.10	-10.52	-21.51	-7.98	-2.80	0.05	1.76	2.58	2.73	2.25	1.11	-0.84	-3.97	-9.49	-21.11	-9.17	-3.52	-0.39	1.46	2.30	2.66
θ (30°)	2.52	2.22	1.14	-0.67	-3.63	-8.77	-24.21	-11.32	-4.84	-1.43	0.61	1.74	2.05	1.51	0.10	-2.11	-5.36	-10.72	-26.80	-12.15	-5.65	-1.95	0.49	1.97	2.52
θ (45°)	2.16	1.43	-0.14	-2.36	-5.56	-12.00	-23.06	-9.35	-4.21	-1.14	0.80	1.81	1.88	0.95	-0.97	-3.63	-7.16	-12.91	-30.37	-12.97	-6.63	-2.70	0.05	1.51	2.16
θ (60°)	2.03	1.50	-0.45	-3.34	-6.94	-13.09	-22.10	-10.12	-5.26	-2.67	-0.68	1.01	1.66	0.66	-1.78	-4.94	-8.33	-12.87	-24.74	-16.49	-9.21	-5.20	-1.87	0.78	2.03
θ (75°)	0.84	0.30	-1.46	-4.42	-8.79	-16.39	-22.03	-10.47	-5.88	-3.23	-1.22	0.33	0.76	-0.26	-2.70	-5.97	-9.49	-15.45	-32.93	-13.96	-8.73	-5.47	-2.54	-0.56	0.84
θ (90°)	-1.75	-2.08	-2.41	-3.81	-7.21	-13.60	-30.57	-13.83	-8.62	-5.07	-2.77	-1.94	-1.87	-2.11	-3.24	-6.44	-11.47	-18.45	-26.21	-15.11	-9.89	-5.46	-2.32	-1.25	-1.75
θ (105°)	-3.57	-3.32	-4.18	-6.58	-9.56	-16.87	-20.20	-10.22	-5.90	-3.23	-2.41	-3.60	-4.85	-4.50	-4.06	-5.73	-10.26	-19.88	-23.32	-12.96	-8.46	-4.97	-3.24	-3.26	-3.57
θ (120°)	-6.61	-6.52	-6.18	-7.46	-10.69	-18.56	-21.04	-11.34	-7.11	-4.53	-3.54	-4.89	-7.38	-7.74	-5.75	-4.98	-7.07	-12.78	-32.14	-16.07	-9.91	-6.07	-4.41	-5.26	-6.61
θ (135°)	-12.62	-9.56	-6.59	-7.11	-11.36	-19.53	-19.96	-12.41	-8.66	-7.36	-8.26	-10.98	-12.15	-9.28	-6.17	-5.23	-6.78	-10.95	-22.15	-14.75	-6.97	-4.26	-5.05	-8.28	-12.62
θ (150°)	-18.59	-17.46	-13.40	-11.20	-12.19	-17.86	-27.96	-13.79	-9.47	-8.77	-11.45	-20.00	-18.03	-16.72	-13.73	-9.33	-8.25	-10.62	-18.72	-17.74	-10.35	-8.09	-9.01	-12.94	-18.59
θ (165°)	-18.15	-17.96	-19.07	-19.34	-19.46	-24.40	-35.27	-21.95	-18.58	-17.37	-16.31	-14.15	-12.83	-12.90	-13.86	-15.23	-17.01	-21.51	-28.25	-20.35	-16.86	-17.34	-20.23	-21.23	-18.15
θ (180°)	-11.57	-11.96	-13.35	-15.64	-19.43	-26.56	-34.99	-22.11	-17.53	-14.76	-12.86	-11.53	-10.95	-11.11	-12.03	-13.75	-16.63	-21.45	-33.44	-25.84	-18.76	-15.26	-13.05	-11.91	-11.57

Ant.	No.3																								
Freq. (MHz)	5350																								
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°)	-19.65	-9.08	-3.55	-0.56	1.25	2.26	[2.60]	2.33	1.37	-0.41	-3.46	-8.88	-22.50	-9.36	-3.67	-0.60	1.21	2.19	2.53	2.24	1.33	-0.38	-3.30	-8.69	-19.65
θ (15°)	-26.61	-9.47	-3.99	-1.07	0.62	1.47	1.73	1.38	0.37	-1.51	-4.77	-11.26	-17.73	-8.24	-3.79	-1.31	0.15	0.93	1.23	1.02	0.26	-1.35	-4.25	-8.54	-26.61
θ (30°)	-22.89	-13.09	-6.36	-3.09	-1.20	-0.14	0.24	0.02	-0.88	-2.51	-5.49	-11.42	-20.04	-9.22	-4.88	-2.84	-1.80	-1.27	-1.09	-1.25	-1.81	-2.89	-4.92	-8.90	-22.89
θ (45°)	-18.76	-9.88	-5.50	-3.43	-2.15	-1.41	-1.25	-1.67	-2.66	-4.39	-7.56	-14.89	-17.19	-8.84	-5.42	-3.85	-3.10	-2.74	-2.67	-2.83	-3.18	-3.81	-5.34	-8.44	-18.76
θ (60°)	-16.35	-12.78	-8.98	-7.23	-5.92	-4.89	-4.56	-4.83	-5.64	-6.92	-8.71	-14.28	-19.51	-8.45	-5.66	-5.01	-4.94	-5.05	-5.22	-5.55	-6.00	-6.22	-6.75	-9.45	-16.35
θ (75°)	-17.41	-12.23	-10.90	-9.97	-7.57	-6.11	-5.77	-6.60	-9.03	-13.37	-18.85	-36.06	-16.14	-9.72	-7.31	-6.74	-6.75	-6.25	-5.99	-6.22	-6.95	-7.70	-8.63	-11.22	-17.41
θ (90°)	-19.03	-14.42	-9.97	-7.89	-6.88	-6.37	-6.37	-7.04	-8.58	-11.18	-14.11	-19.34	-25.05	-12.06	-8.72	-8.01	-7.85	-7.50	-7.24	-7.20	-6.93	-6.87	-8.94	-14.47	-19.03
θ (105°)	-17.85	-12.32	-8.97	-7.35	-6.81	-6.80	-7.00	-7.46	-8.08	-9.31	-12.50	-18.91	-19.20	-12.85	-8.22	-6.38	-6.67	-7.44	-7.63	-7.54	-7.81	-8.56	-11.02	-15.04	-17.85
θ (120°)	-21.30	-19.41	-13.17	-9.81	-9.11	-9.59	-10.13	-10.43	-10.95	-11.54	-12.38	-14.36	-17.49	-14.70	-10.40	-8.38	-8.41	-9.14	-9.33	-9.13	-9.69	-11.43	-13.01	-14.42	-21.30
θ (135°)	-22.18	-15.81	-10.53	-8.79	-8.59	-9.06	-9.44	-10.14	-11.71	-14.86	-20.19	-30.81	-24.08	-17.24	-16.51	-15.40	-12.02	-9.94	-9.40	-9.97	-10.82	-11.41	-11.18	-12.06	-22.18
θ (150°)	-24.33	-21.90	-20.14	-19.94	-13.72	-10.43	-9.33	-9.65	-11.40	-16.22	-23.72	-25.51	-25.99	-19.20	-19.33	-44.96	-16.39	-11.36	-10.16	-11.04	-14.44	-23.31	-20.30	-17.86	-24.33
θ (165°)	-17.76	-17.45	-15.42	-13.47	-11.92	-10.77	-10.24	-10.83	-12.26	-14.14	-16.37	-19.84	-25.52	-23.17	-20.21	-18.51	-16.28	-14.17	-13.85	-16.03	-21.85	-22.44	-17.87	-17.19	-17.76
θ (180°)	-33.27	-23.87	-18.16	-15.02	-13.38	-12.56	-12.29	-12.48	-13.04	-14.28	-16.56	-20.22	-25.11	-22.74	-18.10	-15.36	-13.77	-12.89	-12.60	-12.76	-13.34	-14.74	-17.30	-22.37	-33.27
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°)	2.54	2.27	1.37	-0.35	-3.32	-8.69	-22.90	-9.68	-3.69	-0.62	1.24	2.24	[2.56]	2.28	1.37	-0.39	-3.38	-8.84	-23.37	-9.25	-3.62	-0.59	1.22	2.23	2.54
θ (15°)	2.35	1.96	0.85	-1.13	-4.47	-11.12	-21.48	-7.82	-2.83	-0.03	1.61	2.43	2.52	1.96	0.68	-1.42	-4.80	-10.76	-21.16	-9.24	-3.86	-0.85	1.01	1.88	2.35
θ (30°)	2.38	2.17	1.20	-0.60	-3.60	-8.82	-24.22	-10.65	-4.42	-1.24	0.59	1.50	1.66	1.03	-0.33	-2.47	-5.65	-11.22	-25.50	-11.66	-5.70	-2.26	0.08	1.63	2.38
θ (45°)	1.99	1.43	0.00	-2.11	-5.33	-11.74	-22.12	-8.66	-3.63	-0.73	1.07	1.88	1.60	0.35	-1.61	-4.09	-7.44	-12.97	-24.68	-12.66	-6.76	-3.07	-0.40	1.08	1.99
θ (60°)	1.85	1.38	-0.56	-3.33	-6.92	-13.29	-27.79	-10.93	-5.73	-2.94	-0.88	0.81	1.34	0.14	-2.59	-5.62	-8.34	-12.52	-25.71	-15.70	-8.86	-5.27	-2.23	0.39	1.85
θ (75°)	0.73	0.41	-1.57	-5.00	-9.42	-17.12	-22.02	-10.61	-6.03	-3.20	-1.03	0.34	0.45	-0.88	-3.31	-6.65	-10.41	-17.06	-26.04	-12.82	-8.39	-5.46	-2.80	-0.96	0.73
θ (90°)	-2.13	-1.90	-1.96	-3.60	-6.98	-12.87	-27.82	-14.08	-8.90	-5.21	-2.38	-1.56	-2.16	-2.65	-3.36	-5.91	-10.49	-18.80	-24.26	-13.86	-9.56	-5.47	-2.57	-1.83	-2.13
θ (105°)	-3.96	-3.29	-3.75	-5.79	-8.69	-15.76	-21.82	-11.25	-6.78	-3.67	-2.38	-3.30	-4.85	-4.75	-4.10	-5.24	-8.92	-16.66	-24.58	-12.92	-8.03	-4.89	-3.45	-3.76	-3.96
θ (120°)	-6.97	-6.66	-6.27	-7.54	-11.15	-20.02	-20.64	-11.40	-7.32	-4.98	-4.03	-5.30	-7.41	-7.81	-5.93	-5.29	-7.47	-12.79	-24.42	-15.54	-9.58	-6.13	-4.72	-5.66	-6.97
θ (135°)	-13.13	-9.85	-6.84	-7.45	-11.52	-19.31	-23.25	-13.37	-9.04	-7.54	-8.50	-11.41	-12.95	-9.80	-6.53	-5.65	-7.22	-11.25	-21.49	-14.36	-7.07	-4.38	-5.13	-8.36	-13.13
θ (150°)	-17.93	-17.06	-13.14	-10.82	-11.63	-16.65	-27.00	-14.25	-9.73	-8.83	-11.28	-19.88	-20.49	-18.93	-13.89	-8.79	-7.64	-10.17	-18.57	-18.50	-10.50	-8.06	-8.84	-12.51	-17.93
θ (165°)	-18.09	-17.48	-18.01	-17.95	-17.70	-20.94	-30.24	-23.20	-18.66	-17.26	-16.25	-14.39	-13.38	-13.47	-14.72	-15.78	-17.08	-21.24	-29.63	-20.40	-16.89	-17.26	-20.61	-21.83	-18.09
θ (180°)	-12.20	-12.62	-13.91	-16.07	-19.90	-26.41	-36.81	-24.37	-18.68	-15.30	-13.30	-11.95	-11.33	-11.58	-12.47	-14.14	-16.76	-20.88	-31.48	-27.77	-19.59	-15.87	-13.51	-12.38	-12.20

Ant.	No.3																								
Freq. (MHz)	5470																								
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°)	-21.53	-10.34	-4.15	-0.88	1.05	2.09	[2.48]	2.29	1.44	-0.18	-3.04	-8.07	-19.83	-10.17	-4.11	-0.95	0.96	2.01	2.40	2.17	1.34	-0.25	-3.03	-7.93	-21.53
θ (15°)	-22.69	-9.34	-3.92	-1.03	0.67	1.54	1.80	1.51	0.61	-1.12	-4.13	-9.92	-18.51	-8.30	-3.39	-0.74	0.79	1.57	1.80	1.48	0.58	-1.12	-4.00	-8.21	-22.69
θ (30°)	-22.50	-15.00	-7.05	-3.40	-1.29	-0.13	0.29	0.11	-0.75	-2.46	-5.42	-11.13	-18.40	-9.71	-5.46	-3.38	-2.12	-1.32	-0.89	-0.78	-1.06	-2.03	-4.08	-8.08	-22.50
θ (45°)	-14.69	-13.03	-7.12	-3.86	-1.82	-0.82	-0.59	-1.00	-2.05	-3.98	-7.38	-15.20	-15.41	-7.90	-5.09	-3.75	-3.08	-2.91	-3.03	-3.42	-3.97	-4.71	-5.72	-7.65	-14.69
θ (60°)	-14.23	-14.14	-8.84	-6.26	-4.61	-3.47	-3.05	-3.27	-4.26	-6.13	-9.08	-17.12	-16.66	-8.56	-6.50	-6.29	-6.22	-5.78	-5.38	-5.60	-6.45	-7.18	-7.33	-8.26	-14.23
θ (75°)	-14.55	-13.56	-10.20	-7.46	-5.56	-4.71	-4.55	-5.25	-7.00	-10.18	-15.07	-26.91	-17.46	-11.50	-9.01	-7.74	-6.58	-5.54	-5.02	-5.35	-6.29	-7.50	-8.92	-10.61	-14.55
θ (90°)	-12.95	-12.04	-9.58	-7.58	-6.30	-5.42	-5.00	-5.16	-6.13	-8.30	-12.03	-16.00	-18.28	-13.64	-8.79	-6.76	-6.03	-5.82	-5.72	-5.86	-6.27	-6.81	-9.00	-12.89	-12.95
θ (105°)	-14.02	-11.18	-8.26	-6.84	-6.70	-6.34	-6.27	-6.74	-7.64	-9.01	-11.52	-15.17	-14.59	-11.52	-7.62	-5.88	-6.19	-6.96	-7.02	-6.59	-6.51	-7.66	-11.07	-15.20	-14.02
θ (120°)	-17.62	-14.14	-10.26	-8.99	-9.27	-9.54	-9.21	-9.34	-10.32	-12.03	-13.68	-14.31	-14.95	-14.25	-10.40	-8.23	-8.30	-9.17	-9.65	-9.44	-9.41	-10.16	-10.46	-11.19	-17.62
θ (135°)	-18.86	-13.76	-10.62	-9.22	-8.67	-8.67	-8.90	-9.49	-10.72	-12.67	-14.47	-17.82	-19.77	-14.35	-14.79	-15.49	-11.95	-9.39	-8.36	-8.48	-9.31	-10.77	-11.34	-12.70	-18.86
θ (150°)	-23.69	-27.24	-21.37	-23.85	-14.77	-10.63	-9.40	-10.10	-12.12	-17.23	-24.32	-28.36	-22.68	-15.35	-15.14	-25.48	-17.22	-10.89	-9.47	-10.92	-15.92	-24.21	-15.15	-13.91	-23.69
θ (165°)	-18.68	-18.15	-15.46	-13.07	-11.22	-10.01	-9.57	-9.91	-11.34	-13.52	-16.67	-21.26	-21.92	-17.66	-16.40	-17.16	-17.09	-15.10	-14.38	-16.20	-22.67	-24.09	-18.28	-17.47	-18.68
θ (180°)	-32.18	-23.73	-18.22	-15.46	-14.13	-13.68	-13.53	-13.37	-13.97	-15.15	-17.58	-21.30	-25.79	-22.67	-18.35	-15.62	-13.93	-13.14	-12.98	-13.23	-13.79	-15.32	-18.12	-23.99	-32.18
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°)	2.39	2.07	1.17	-0.52	-3.38	-8.88	-29.73	-9.64	-3.72	-0.69	1.11	2.03	2.30	2.01	1.07	-0.65	-3.62	-9.22	-26.81	-9.43	-3.74	-0.70	1.11	2.05	2.39
θ (15°)	2.24	1.77	0.67	-1.28	-4.44	-10.87	-25.32	-8.22	-3.05	-0.22	1.41	2.22	[2.40]	1.93	0.73	-1.33	-4.77	-11.23	-20.01	-8.12	-3.13	-0.34	1.29	2.01	2.24
θ (30°)	2.08	1.69	0.65	-1.05	-3.92	-9.08	-26.49	-10.67	-4.43	-1.17	0.76	1.72	1.88	1.27	-0.04	-2.05	-5.21	-10.64	-29.77	-11.44	-5.13	-1.53	0.59	1.75	2.08
θ (45°)	2.00	1.22	-0.36	-2.58	-6.01	-13.65	-19.20	-7.45	-3.04	-0.66	0.77	1.56	1.55	0.59	-1.23	-3.93	-8.01	-15.90	-22.15	-10.30	-5.36	-2.25	0.04	1.43	2.00
θ (60°)	2.01	1.41	-0.31	-2.40	-5.17	-10.39	-31.16	-10.55	-4.98	-2.40	-0.76	0.81	1.50	0.31	-2.39	-5.24	-7.81	-12.27	-27.11	-15.32	-8.45	-4.64	-1.69	0.75	2.01
θ (75°)	0.80	0.17	-2.00	-4.32	-6.66	-12.76	-21.63	-9.58	-5.65	-3.18	-0.97	0.41	0.58	-0.59	-2.87	-5.91	-9.47	-15.71	-23.78	-12.86	-8.39	-5.30	-2.43	-0.51	0.80
θ (90°)	-1.42	-1.51	-2.27	-4.20	-7.24	-12.80	-29.98	-11.62	-7.09	-4.48	-1.97	-0.93	-1.58	-2.83	-3.75	-5.53	-9.14	-15.84	-24.25	-12.22	-8.14	-5.45	-2.93	-1.83	-1.42
θ (105°)	-3.63	-3.05	-3.49	-5.19	-8.31	-16.48	-19.10	-9.88	-6.05	-3.93	-2.78	-3.20	-4.17	-4.79	-4.62	-5.73	-8.91	-14.83	-28.96	-14.25	-8.66	-5.20	-3.74	-3.86	-3.63
θ (120°)	-6.74	-5.95	-5.18	-6.39	-9.81	-17.64	-22.36	-11.93	-7.55	-5.29	-4.58	-5.74	-6.95	-6.79	-5.55	-5.04	-6.96	-11.14	-20.74	-18.07	-9.72	-5.85	-4.58	-5.68	-6.74
θ (135°)	-15.47	-10.94	-7.45	-8.06	-12.04	-18.53	-28.15	-14.96	-9.56	-7.24	-7.82	-10.98	-13.40	-10.33	-6.81	-6.08	-8.05	-12.86	-25.21	-13.59	-7.06	-4.48	-5.51	-9.42	-15.47
θ (150°)	-20.95	-20.10	-15.21	-12.42	-13.36	-19.71	-23.77	-12.70	-8.75	-7.76	-10.11	-18.52	-26.12	-27.14	-15.33	-8.72	-7.21	-9.44	-17.57	-16.98	-9.38	-7.03	-7.98	-12.25	-20.95
θ (165°)	-20.11	-17.96	-17.80	-17.78	-18.25	-21.15	-23.24	-20.40	-18.45	-18.30	-17.17	-15.11	-14.20	-15.06	-17.02	-17.19	-17.28	-20.12	-24.84	-19.34	-16.31	-16.76	-21.78	-29.52	-20.11
θ (180°)	-13.42	-13.78	-15.01	-17.02	-20.30	-25.38	-36.90	-28.16	-20.77	-16.81	-14.10	-12.57	-11.92	-11.83	-12.58	-13.88	-16.12	-19.75	-25.91	-32.69	-23.28	-18.44	-15.38	-13.74	-13.42

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°)	-21.55	-10.02	-4.00	-0.81	1.07	2.13	2.49	2.26	1.40	-0.24	-3.08	-8.18	-20.99	-9.86	-3.90	-0.76	1.12	2.13	[2.52]	2.29	1.47	-0.16	-2.93	-7.91	-21.55
θ (15°)	-23.83	-10.56	-4.52	-1.35	0.58	1.62	1.98	1.68	0.67	-1.23	-4.48	-10.87	-22.06	-8.49	-3.44	-0.66	0.93	1.69	1.88	1.57	0.62	-1.05	-3.87	-7.87	-23.83
θ (30°)	-21.36	-15.77	-8.13	-4.35	-1.97	-0.54	-0.02	-0.22	-1.09	-2.73	-5.67	-10.93	-19.05	-10.35	-5.55	-2.93	-1.39	-0.44	-0.02	-0.08	-0.66	-1.83	-4.01	-8.22	-21.36
θ (45°)	-18.20	-14.87	-8.17	-4.70	-2.61	-1.44	-1.07	-1.40	-2.46	-4.36	-7.45	-14.06	-17.49	-8.11	-4.68	-3.23	-2.62	-2.32	-2.23	-2.39	-2.84	-3.62	-5.14	-7.79	-18.20
θ (60°)	-18.01	-14.42	-9.56	-7.16	-4.87	-3.15	-2.56	-3.05	-4.82	-7.91	-11.56	-18.35	-17.53	-8.97	-6.52	-6.23	-6.10	-5.45	-5.01	-5.06	-5.64	-6.25	-6.72	-8.66	-18.01
θ (75°)	-16.86	-13.00	-9.65	-7.92	-6.04	-4.52	-4.06	-4.76	-6.90	-10.96	-17.48	-33.02	-18.31	-12.33	-9.77	-8.57	-7.02	-5.99	-5.95	-6.59	-7.26	-7.55	-7.93	-9.64	-16.86
θ (90°)	-15.55	-13.68	-8.83	-6.48	-5.54	-4.54	-4.10	-4.36	-5.55	-7.63	-11.60	-21.05	-18.71	-12.47	-8.69	-6.48	-5.41	-5.07	-5.17	-5.67	-6.42	-7.47	-9.79	-13.36	-15.55
θ (105°)	-15.56	-11.95	-7.53	-5.89	-5.49	-5.08	-5.20	-5.88	-6.65	-7.55	-10.56	-17.53	-15.02	-10.87	-7.41	-5.79	-5.84	-6.24	-6.46	-6.56	-6.97	-8.38	-12.20	-16.23	-15.56
θ (120°)	-16.18	-11.67	-8.36	-7.73	-8.18	-7.94	-7.53	-7.59	-8.15	-9.23	-11.74	-15.27	-15.76	-14.63	-11.26	-8.98	-8.48	-8.32	-8.45	-8.94	-9.53	-10.37	-10.85	-11.91	-16.18
θ (135°)	-17.97	-12.70	-9.51	-8.30	-7.84	-7.87	-8.13	-8.80	-9.70	-10.96	-13.27	-18.28	-17.00	-11.87	-12.00	-13.31	-11.70	-9.76	-8.90	-9.00	-9.80	-11.14	-12.07	-13.25	-17.97
θ (150°)	-18.83	-36.28	-25.22	-27.02	-13.88	-9.95	-8.87	-9.54	-12.02	-18.71	-28.21	-26.90	-22.18	-14.97	-15.39	-27.44	-14.73	-9.66	-8.36	-9.56	-13.99	-26.55	-14.45	-12.17	-18.83
θ (165°)	-18.09	-18.88	-16.85	-14.46	-12.13	-10.51	-9.90	-10.17	-11.54	-13.95	-17.00	-20.80	-20.80	-17.36	-16.70	-18.56	-17.46	-13.89	-12.70	-14.19	-19.16	-28.00	-19.53	-17.19	-18.09
θ (180°)	-26.93	-21.48	-17.25	-15.15	-14.12	-13.75	-13.74	-14.04	-14.58	-15.55	-17.77	-21.05	-23.30	-20.75	-17.28	-15.06	-13.64	-13.17	-13.16	-13.55	-14.31	-15.76	-18.43	-23.28	-26.93
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°)	2.34	1.98	0.96	-0.89	-4.12	-10.49	-28.28	-8.59	-3.27	-0.39	1.30	2.18	2.40	2.03	0.97	-0.92	-4.13	-10.34	-28.81	-8.57	-3.27	-0.41	1.26	2.12	2.34
θ (15°)	2.37	1.97	0.90	-1.06	-4.49	-11.61	-19.84	-7.27	-2.51	0.08	1.59	2.35	2.42	1.85	0.56	-1.75	-5.77	-14.20	-17.05	-6.88	-2.61	-0.17	1.31	2.00	2.37
θ (30°)	2.05	1.72	0.83	-0.77	-3.57	-9.10	-27.23	-9.97	-4.02	-0.86	1.07	2.09	[2.44]	1.99	0.70	-1.51	-5.08	-11.46	-21.35	-8.97	-3.91	-0.93	0.87	1.85	2.05
θ (45°)	2.16	1.60	0.47	-1.32	-4.45	-11.20	-24.56	-8.73	-3.88	-1.43	0.04	0.96	1.28	0.69	-0.86	-3.28	-7.05	-14.17	-25.40	-10.53	-5.51	-2.34	0.03	1.43	2.16
θ (60°)	1.64	1.00	-0.39	-1.90	-4.41	-9.69	-38.47	-9.46	-4.14	-1.73	-0.32	0.99	1.75	0.88	-1.39	-3.83	-6.58	-11.39	-28.07	-14.23	-7.45	-3.70	-1.03	0.96	1.64
θ (75°)	1.09	0.13	-1.76	-3.54	-6.30	-13.65	-19.08	-8.18	-4.64	-3.00	-1.30	0.35	0.76	-0.46	-2.67	-5.06	-7.49	-11.95	-20.06	-12.54	-7.75	-4.90	-1.80	0.15	1.09
θ (90°)	-0.77	-1.08	-1.90	-3.57	-6.28	-11.87	-28.84	-9.75	-5.28	-3.60	-2.23	-1.26	-1.17	-1.95	-3.23	-5.42	-8.65	-14.44	-26.47	-11.75	-7.23	-4.62	-2.25	-1.18	-0.77
θ (105°)	-3.49	-3.74	-3.90	-4.82	-7.57	-15.66	-19.32	-9.18	-5.45	-3.74	-3.29	-3.71	-3.94	-4.09	-4.04	-5.11	-7.64	-12.61	-34.33	-14.92	-9.44	-6.13	-3.64	-3.20	-3.49
θ (120°)	-6.93	-5.97	-4.73	-5.87	-9.40	-15.25	-21.58	-12.79	-7.90	-5.55	-5.22	-6.73	-7.04	-6.03	-4.94	-5.09	-7.32	-11.34	-21.05	-18.14	-9.59	-5.54	-4.02	-5.32	-6.93
θ (135°)	-15.17	-11.04	-7.61	-8.22	-12.00	-18.93	-26.91	-14.24	-9.14	-7.11	-8.03	-12.13	-14.80	-10.59	-6.32	-5.40	-7.77	-13.40	-26.10	-13.31	-7.58	-5.05	-5.95	-9.75	-15.17
θ (150°)	-21.43	-20.82	-14.15	-10.89	-11.50	-16.98	-25.61	-12.48	-8.36	-7.48	-10.25	-19.80	-26.52	-39.96	-13.35	-7.35	-6.15	-8.27	-15.50	-19.76	-9.79	-6.83	-7.44	-11.73	-21.43
θ (165°)	-19.52	-17.57	-16.93	-16.71	-17.18	-20.00	-22.60	-19.62	-17.45	-17.49	-16.76	-14.87	-14.03	-14.76	-15.17	-14.12	-14.30	-17.12	-25.46	-21.89	-16.69	-15.94	-18.75	-22.23	-19.52
θ (180°)	-12.87	-13.50	-15.18	-18.02	-22.53	-31.43	-31.67	-23.45	-19.06	-16.58	-14.68	-13.19	-12.41	-12.44	-13.11	-14.63	-16.84	-20.50	-26.92	-29.53	-21.31	-16.70	-14.15	-12.83	-12.87

Ant.	No.3																								
Freq. (MHz)	5725																								
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°)	-24.42	-12.22	-5.27	-1.75	0.28	1.43	[1.89]	1.77	0.97	-0.61	-3.21	-7.76	-19.00	-12.82	-5.56	-1.98	0.14	1.32	1.78	1.65	0.89	-0.59	-3.15	-7.74	-24.42
θ (15°)	-22.01	-11.66	-4.79	-1.36	0.58	1.58	1.84	1.48	0.44	-1.44	-4.62	-10.66	-22.03	-9.41	-4.32	-1.62	-0.08	0.72	0.97	0.73	-0.03	-1.44	-3.84	-7.25	-22.01
θ (30°)	-18.98	-16.47	-7.34	-3.23	-0.99	0.21	0.67	0.51	-0.35	-2.05	-5.11	-10.88	-35.92	-11.75	-6.12	-3.19	-1.47	-0.58	-0.21	-0.31	-0.94	-2.21	-4.34	-7.90	-18.98
θ (45°)	-18.09	-15.38	-9.15	-5.14	-2.44	-1.07	-0.63	-0.99	-2.16	-4.24	-7.82	-15.63	-17.38	-8.77	-5.62	-4.25	-3.41	-2.75	-2.50	-2.82	-3.72	-5.13	-7.03	-9.72	-18.09
θ (60°)	-14.76	-13.24	-10.57	-7.86	-5.15	-3.53	-2.99	-3.37	-4.79	-7.51	-10.79	-15.54	-31.61	-12.08	-8.39	-7.08	-6.02	-5.04	-4.57	-4.72	-5.30	-6.27	-7.52	-10.03	-14.76
θ (75°)	-13.07	-11.04	-10.07	-9.01	-6.66	-5.05	-4.70	-5.14	-6.42	-8.99	-13.79	-24.10	-18.84	-12.98	-9.18	-6.97	-5.60	-4.86	-4.65	-4.95	-5.99	-7.26	-8.56	-10.85	-13.07
θ (90°)	-15.51	-14.61	-10.26	-7.94	-6.45	-4.82	-4.31	-4.86	-6.43	-8.81	-11.20	-14.20	-16.98	-13.90	-8.56	-5.85	-4.97	-4.73	-4.70	-4.75	-5.38	-6.59	-9.04	-12.91	-15.51
θ (105°)	-15.46	-13.24	-8.82	-7.41	-6.74	-5.85	-5.84	-6.81	-8.16	-8.80	-10.42	-15.66	-20.56	-13.74	-8.62	-6.37	-6.02	-5.82	-5.65	-5.56	-5.83	-7.66	-12.09	-14.70	-15.46
θ (120°)	-16.85	-12.52	-9.59	-8.75	-8.65	-8.27	-8.08	-8.26	-8.91	-9.92	-12.61	-18.63	-21.12	-18.64	-14.67	-10.69	-8.72	-7.77	-7.73	-8.21	-8.63	-9.43	-10.73	-12.75	-16.85
θ (135°)	-19.78	-14.05	-10.09	-8.18	-7.50	-7.35	-7.45	-7.80	-8.35	-9.58	-11.90	-16.20	-21.77	-13.64	-12.35	-12.43	-10.44	-8.68	-7.84	-8.05	-9.29	-11.47	-13.39	-14.98	-19.78
θ (150°)	-20.31	-25.72	-21.11	-29.86	-15.30	-11.03	-10.05	-10.86	-13.66	-22.58	-26.68	-23.87	-28.08	-15.65	-14.88	-25.61	-17.15	-11.03	-9.67	-10.92	-16.29	-26.01	-13.41	-11.91	-20.31
θ (165°)	-18.68	-19.78	-16.37	-13.57	-11.49	-10.09	-9.59	-10.16	-11.52	-13.85	-17.41	-22.39	-21.04	-17.11	-16.51	-17.68	-16.35	-13.69	-12.72	-14.13	-17.93	-19.98	-16.45	-16.06	-18.68
θ (180°)	-27.11	-23.58	-18.84	-16.42	-15.22	-14.74	-14.67	-14.66	-15.36	-16.42	-18.55	-22.08	-26.57	-23.85	-19.31	-16.69	-15.34	-14.58	-14.35	-14.51	-15.12	-16.30	-18.48	-22.43	-27.11
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°)	1.85	1.61	0.80	-0.77	-3.51	-8.49	-24.50	-11.09	-4.65	-1.49	0.30	1.28	1.62	1.37	0.49	-1.11	-3.91	-9.16	-28.83	-10.92	-4.72	-1.55	0.35	1.40	1.85
θ (15°)	1.90	1.64	0.65	-1.29	-4.75	-11.90	-21.28	-7.59	-2.87	-0.39	1.00	1.67	1.74	1.16	-0.09	-2.26	-5.90	-12.86	-23.51	-9.05	-4.06	-1.29	0.47	1.39	1.90
θ (30°)	1.63	1.60	0.99	-0.47	-3.21	-8.41	-26.22	-9.83	-3.87	-0.74	1.07	1.97	[2.13]	1.59	0.40	-1.78	-5.36	-12.03	-25.35	-9.48	-4.49	-1.72	-0.05	0.97	1.63
θ (45°)	1.74	1.54	0.68	-1.02	-4.32	-11.43	-21.90	-7.63	-3.01	-0.63	0.64	1.22	1.16	0.39	-0.93	-2.96	-6.32	-12.47	-26.55	-10.06	-4.80	-1.92	-0.11	0.99	1.74
θ (60°)	1.38	1.22	0.14	-1.49	-4.16	-9.78	-28.92	-9.13	-3.61	-0.86	0.41	0.88	0.92	-0.02	-1.52	-3.20	-5.84	-11.04	-29.93	-12.71	-6.41	-3.17	-1.26	0.19	1.38
θ (75°)	0.84	0.39	-1.23	-2.73	-5.41	-12.33	-20.24	-7.63	-3.55	-2.14	-1.19	0.19	0.19	-1.56	-3.79	-5.18	-6.63	-10.68	-24.96	-11.68	-6.01	-4.08	-2.58	-0.88	0.84
θ (90°)	-0.91	-1.13	-2.60	-4.43	-6.08	-10.38	-33.97	-9.60	-4.59	-3.17	-2.68	-1.64	-1.38	-2.83	-4.46	-5.33	-6.45	-10.43	-24.72	-12.08	-7.32	-5.74	-4.18	-2.56	-0.91
θ (105°)	-3.65	-3.59	-3.87	-4.97	-7.57	-14.98	-20.26	-9.85	-6.08	-4.37	-3.52	-3.32	-3.51	-4.47	-4.60	-5.28	-7.25	-12.12	-38.80	-13.11	-8.41	-5.91	-4.12	-3.75	-3.65
θ (120°)	-7.58	-6.11	-4.68	-5.86	-9.22	-14.61	-25.55	-14.34	-9.30	-7.18	-6.44	-7.23	-7.04	-6.27	-5.11	-5.18	-7.36	-11.14	-19.38	-19.43	-10.20	-6.16	-4.63	-6.15	-7.58
θ (135°)	-15.19	-11.84	-8.13	-8.53	-11.69	-16.77	-38.39	-17.03	-10.30	-7.56	-8.08	-11.70	-14.15	-11.13	-6.32	-5.12	-7.21	-12.63	-32.73	-13.78	-7.78	-5.34	-6.34	-10.41	-15.19
θ (150°)	-25.09	-24.07	-14.86	-11.00	-11.44	-16.90	-29.44	-13.07	-8.57	-7.53	-10.22	-19.04	-20.10	-22.18	-13.36	-7.51	-6.36	-8.94	-17.86	-17.48	-9.03	-6.51	-7.56	-12.58	-25.09
θ (165°)	-19.46	-17.86	-18.52	-19.33	-19.79	-23.93	-24.67	-18.89	-16.44	-16.49	-17.25	-16.13	-15.52	-17.12	-19.39	-16.82	-15.59	-18.24	-25.58	-19.29	-15.05	-14.84	-17.83	-22.12	-19.46
θ (180°)	-14.18	-14.76	-16.31	-19.21	-22.94	-26.06	-26.21	-23.90	-20.60	-18.02	-15.98	-14.33	-13.38	-13.18	-14.09	-15.93	-18.46	-21.71	-24.21	-24.52	-21.59	-18.15	-16.02	-14.53	-14.18

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°)	-28.32	-13.00	-5.70	-2.14	-0.08	1.08	1.60	1.54	0.87	-0.59	-3.19	-7.74	-19.84	-13.20	-5.71	-2.10	0.00	1.19	[1.69]	1.59	0.85	-0.61	-3.21	-7.78	-28.32
θ (15°)	-22.01	-12.56	-5.40	-1.88	0.10	1.14	1.46	1.17	0.10	-1.87	-5.09	-11.10	-23.74	-9.87	-4.65	-1.80	-0.09	0.84	1.17	0.99	0.24	-1.26	-3.80	-7.38	-22.01
θ (30°)	-19.20	-17.25	-7.77	-3.68	-1.39	-0.08	0.42	0.17	-0.91	-2.88	-6.33	-12.89	-27.49	-10.38	-5.28	-2.61	-1.12	-0.46	-0.31	-0.59	-1.31	-2.51	-4.42	-7.80	-19.20
θ (45°)	-16.82	-17.04	-8.92	-4.53	-2.04	-0.82	-0.53	-1.07	-2.49	-4.81	-8.26	-15.35	-20.46	-10.08	-6.51	-4.89	-3.91	-3.24	-2.84	-2.89	-3.43	-4.50	-6.25	-8.73	-16.82
θ (60°)	-13.71	-14.35	-10.84	-6.89	-4.25	-2.75	-2.26	-2.53	-3.80	-6.55	-10.81	-17.09	-24.23	-12.53	-9.16	-7.69	-6.17	-4.97	-4.58	-4.78	-5.40	-6.54	-7.84	-9.73	-13.71
θ (75°)	-12.16	-11.24	-9.68	-7.90	-5.34	-4.04	-3.94	-4.55	-5.76	-8.10	-13.21	-24.87	-15.81	-13.18	-9.93	-7.22	-5.63	-4.86	-4.63	-4.83	-5.79	-7.60	-9.49	-11.10	-12.16
θ (90°)	-13.60	-12.72	-9.21	-7.71	-6.29	-4.76	-4.46	-5.04	-6.21	-8.00	-10.68	-14.45	-15.22	-13.52	-9.00	-6.19	-5.11	-4.60	-4.42	-4.63	-5.65	-7.48	-10.61	-13.30	-13.60
θ (105°)	-14.80	-12.02	-8.33	-7.44	-6.69	-5.73	-5.79	-6.91	-8.66	-9.03	-9.52	-13.18	-16.54	-13.14	-8.99	-6.65	-5.94	-5.55	-5.49	-5.63	-6.18	-8.05	-12.35	-14.18	-14.80
θ (120°)	-15.77	-11.86	-9.51	-9.08	-8.91	-8.27	-7.97	-8.36	-8.92	-9.45	-11.03	-15.31	-20.32	-18.91	-15.53	-11.40	-8.93	-7.54	-7.22	-7.85	-8.51	-9.35	-10.60	-12.39	-15.77
θ (135°)	-20.90	-13.87	-10.33	-8.19	-7.40	-7.24	-7.48	-7.97	-8.51	-9.56	-11.10	-14.30	-19.67	-12.70	-11.20	-10.95	-9.62	-8.18	-7.27	-7.33	-8.31	-10.44	-13.36	-16.25	-20.90
θ (150°)	-17.98	-20.81	-19.31	-23.26	-14.37	-10.64	-9.71	-10.47	-13.30	-20.81	-29.63	-25.36	-23.42	-14.16	-13.50	-22.44	-17.59	-10.80	-9.16	-10.49	-16.01	-27.58	-13.37	-11.66	-17.98
θ (165°)	-17.68	-21.14	-18.08	-14.89	-12.57	-10.96	-10.24	-10.61	-12.15	-14.61	-18.21	-22.85	-19.58	-15.80	-15.11	-16.59	-16.22	-13.79	-12.81	-14.22	-18.26	-18.61	-15.24	-14.71	-17.68
θ (180°)	-23.68	-21.87	-18.65	-16.88	-15.73	-15.39	-15.15	-15.01	-15.75	-16.88	-19.06	-21.87	-24.67	-23.21	-19.71	-17.14	-16.24	-15.69	-15.52	-15.75	-16.67	-18.08	-20.30	-23.45	-23.68
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°)	1.53	1.31	0.51	-1.05	-3.70	-8.54	-23.08	-12.07	-5.23	-1.86	0.09	1.10	1.48	1.24	0.40	-1.22	-4.04	-9.24	-28.51	-11.14	-4.86	-1.67	0.15	1.15	1.53
θ (15°)	1.63	1.33	0.29	-1.58	-4.81	-11.30	-24.64	-8.68	-3.69	-1.02	0.51	1.31	1.41	0.93	-0.21	-2.21	-5.56	-12.20	-23.41	-9.04	-4.07	-1.32	0.38	1.17	1.63
θ (30°)	1.48	1.42	0.74	-0.81	-3.59	-8.97	-24.47	-9.85	-4.07	-1.20	0.42	1.31	[1.64]	1.31	0.20	-1.95	-5.73	-13.04	-23.35	-9.33	-4.62	-1.93	-0.15	0.97	1.48
θ (45°)	1.49	1.18	0.40	-1.12	-4.17	-10.86	-24.50	-8.22	-3.32	-0.79	0.42	1.01	1.07	0.55	-0.69	-2.80	-6.22	-12.51	-31.50	-10.25	-4.52	-1.45	0.24	1.03	1.49
θ (60°)	1.40	1.10	0.01	-1.49	-3.93	-9.23	-31.70	-9.33	-3.66	-0.83	0.34	0.70	0.77	0.26	-0.85	-2.48	-5.24	-10.36	-26.35	-12.93	-6.41	-3.04	-0.88	0.59	1.40
θ (75°)	0.62	0.10	-1.26	-2.40	-4.88	-11.84	-20.28	-7.17	-3.02	-1.86	-1.58	-0.37	0.04	-1.53	-3.88	-5.26	-6.70	-11.07	-29.30	-11.28	-5.90	-3.91	-2.48	-0.87	0.62
θ (90°)	-0.69	-1.14	-2.90	-4.20	-5.44	-10.00	-36.88	-9.19	-4.20	-3.02	-2.93	-2.00	-1.28	-2.45	-4.11	-5.00	-6.49	-10.82	-30.29	-11.34	-6.87	-5.76	-4.50	-2.51	-0.69
θ (105°)	-3.59	-4.00	-4.16	-4.70	-6.68	-12.89	-24.18	-10.02	-5.96	-4.40	-3.53	-3.20	-3.11	-4.22	-4.67	-5.14	-6.99	-12.00	-40.86	-12.37	-7.98	-5.78	-4.01	-3.60	-3.59
θ (120°)	-7.86	-6.42	-4.95	-6.16	-9.60	-13.82	-22.86	-14.07	-9.19	-7.28	-6.68	-7.39	-7.34	-6.93	-6.18	-6.26	-8.43	-12.13	-22.03	-17.48	-9.64	-5.86	-4.47	-6.17	-7.86
θ (135°)	-14.15	-11.93	-8.61	-9.22	-12.89	-19.08	-27.26	-14.35	-9.30	-7.07	-7.79	-11.61	-13.83	-11.27	-6.36	-5.29	-7.48	-12.97	-30.60	-14.08	-8.08	-5.50	-6.58	-10.78	-14.15
θ (150°)	-25.30	-23.01	-13.89	-10.40	-10.80	-15.68	-33.82	-13.59	-8.45	-7.15	-9.47	-17.56	-19.93	-21.29	-12.70	-7.09	-6.09	-8.71	-17.23	-17.47	-9.20	-6.79	-7.88	-13.16	-25.30
θ (165°)	-21.11	-19.25	-19.02	-18.32	-18.46	-21.85	-24.42	-18.99	-16.74	-17.38	-18.15	-16.53	-16.05	-18.15	-19.63	-16.02	-14.96	-17.33	-25.42	-20.12	-15.45	-15.18	-19.23	-24.93	-21.11
θ (180°)	-15.67	-16.61	-18.90	-22.38	-27.06	-27.64	-24.37	-22.74	-21.50	-18.82	-16.34	-15.02	-14.53	-15.01	-16.63	-19.04	-21.90	-26.46	-29.96	-26.76	-22.16	-18.68	-16.43	-15.56	-15.67

Ant.	No.3																								
Freq. (MHz)	5850																								
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°)	-33.22	-12.99	-5.87	-2.43	-0.41	0.78	1.30	1.17	0.39	-1.08	-3.69	-8.39	-22.55	-12.66	-5.56	-2.17	-0.21	0.89	1.35	1.19	0.41	-1.10	-3.69	-8.38	-33.22
θ (15°)	-26.39	-11.85	-5.33	-2.05	-0.13	0.94	1.30	1.02	0.06	-1.78	-4.96	-11.09	-25.65	-9.66	-4.31	-1.34	0.41	1.35	[1.72]	1.53	0.70	-0.92	-3.77	-7.71	-26.39
θ (30°)	-21.62	-17.52	-8.20	-4.09	-1.70	-0.22	0.39	0.16	-0.89	-2.91	-6.36	-12.68	-22.51	-10.05	-4.97	-2.32	-0.88	-0.25	-0.15	-0.44	-1.08	-2.33	-4.42	-8.15	-21.62
θ (45°)	-18.06	-17.38	-9.12	-5.11	-2.72	-1.45	-1.19	-1.89	-3.62	-6.42	-10.14	-17.22	-22.07	-10.70	-6.94	-5.25	-4.37	-3.83	-3.51	-3.37	-3.54	-4.22	-5.59	-8.10	-18.06
θ (60°)	-13.98	-16.11	-10.39	-6.80	-4.43	-2.89	-2.29	-2.52	-3.74	-6.44	-10.83	-17.87	-21.62	-11.95	-9.23	-8.11	-6.66	-5.23	-4.61	-4.87	-5.74	-6.86	-7.63	-8.89	-13.98
θ (75°)	-12.94	-13.74	-9.90	-7.10	-4.84	-3.63	-3.54	-4.40	-5.75	-7.79	-12.27	-33.20	-15.22	-12.31	-10.86	-7.74	-5.73	-4.82	-4.50	-4.76	-5.94	-8.04	-10.03	-10.73	-12.94
θ (90°)	-13.82	-13.15	-8.99	-7.38	-5.77	-4.21	-3.94	-4.59	-5.71	-7.17	-9.99	-16.35	-15.67	-14.76	-11.15	-7.37	-5.57	-4.51	-4.05	-4.43	-5.62	-7.82	-11.57	-13.21	-13.82
θ (105°)	-14.74	-11.07	-7.73	-7.11	-6.32	-5.48	-5.46	-6.36	-8.02	-9.07	-9.99	-14.29	-17.40	-14.34	-10.10	-7.33	-6.08	-5.36	-5.42	-6.12	-7.33	-9.55	-13.65	-14.62	-14.74
θ (120°)	-15.52	-11.15	-8.87	-8.74	-8.63	-7.84	-7.38	-7.69	-8.44	-9.01	-10.12	-13.77	-18.74	-19.58	-16.89	-12.35	-9.34	-7.48	-6.95	-7.72	-8.94	-10.11	-11.08	-12.45	-15.52
θ (135°)	-18.65	-13.30	-10.22	-8.37	-7.84	-7.77	-8.11	-8.60	-9.01	-9.59	-10.57	-13.27	-18.26	-12.60	-11.41	-11.23	-9.92	-8.62	-7.77	-7.50	-8.51	-10.92	-14.86	-17.55	-18.65
θ (150°)	-15.21	-18.32	-18.33	-19.64	-13.88	-10.85	-9.95	-10.88	-14.43	-24.34	-24.75	-24.86	-23.30	-13.80	-13.25	-21.35	-18.73	-11.57	-9.90	-11.24	-17.09	-24.48	-12.63	-10.82	-15.21
θ (165°)	-18.14	-21.97	-19.00	-15.29	-12.54	-10.80	-9.96	-10.47	-12.15	-14.79	-18.60	-23.49	-19.71	-15.63	-14.71	-16.24	-16.49	-14.26	-13.17	-14.65	-19.17	-18.99	-15.38	-14.81	-18.14
θ (180°)	-22.05	-20.23	-18.10	-16.93	-16.38	-16.07	-16.23	-16.71	-17.40	-18.44	-20.61	-23.99	-25.66	-22.94	-20.04	-18.06	-16.71	-16.18	-16.29	-16.89	-18.00	-20.02	-23.56	-25.17	-22.05
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°)	1.20	0.95	0.01	-1.66	-4.56	-9.82	-25.97	-11.64	-5.35	-2.03	-0.12	0.95	[1.36]	1.13	0.29	-1.39	-4.29	-9.54	-26.51	-11.35	-5.19	-2.00	-0.15	0.83	1.20
θ (15°)	1.22	0.79	-0.25	-2.03	-5.07	-11.17	-30.96	-9.95	-4.54	-1.64	-0.01	0.89	1.14	0.77	-0.28	-2.18	-5.34	-11.45	-31.07	-9.66	-4.18	-1.30	0.29	0.97	1.22
θ (30°)	1.26	0.94	0.06	-1.51	-4.28	-9.65	-35.10	-9.87	-4.16	-1.35	0.11	0.90	1.23	0.95	-0.18	-2.43	-6.30	-13.96	-21.37	-9.05	-4.39	-1.61	0.07	0.99	1.26
θ (45°)	1.00	0.48	-0.20	-1.57	-4.42	-10.47	-32.34	-9.54	-4.09	-1.38	0.03	0.70	0.89	0.44	-0.82	-3.01	-6.54	-13.01	-30.22	-10.66	-4.93	-1.60	0.24	0.97	1.00
θ (60°)	1.12	0.47	-0.71	-1.84	-4.22	-9.85	-33.48	-9.74	-4.09	-1.41	-0.39	0.05	0.45	0.27	-0.87	-2.78	-5.69	-10.74	-25.38	-13.50	-6.83	-3.45	-1.09	0.62	1.12
θ (75°)	0.27	-0.77	-1.98	-2.80	-5.17	-11.41	-23.04	-7.65	-3.15	-1.91	-1.83	-0.62	0.20	-1.10	-3.44	-4.64	-6.14	-10.76	-30.32	-11.17	-6.04	-4.08	-2.47	-0.82	0.27
θ (90°)	-0.76	-1.62	-3.40	-4.07	-5.10	-9.65	-39.15	-9.53	-4.37	-3.30	-3.58	-2.62	-1.40	-2.21	-4.37	-5.65	-6.82	-11.29	-24.66	-10.76	-6.66	-5.67	-4.36	-2.13	-0.76
θ (105°)	-3.42	-4.04	-3.96	-4.26	-6.64	-13.08	-25.38	-9.73	-5.68	-4.47	-3.91	-3.48	-3.00	-3.59	-4.26	-4.84	-6.87	-12.37	-35.77	-12.24	-7.73	-5.82	-4.04	-3.34	-3.42
θ (120°)	-7.90	-6.66	-5.35	-6.58	-9.14	-12.51	-21.62	-15.25	-9.36	-7.69	-7.38	-7.95	-7.39	-6.74	-6.44	-6.74	-8.31	-11.51	-21.34	-17.66	-9.71	-6.05	-4.71	-6.48	-7.90
θ (135°)	-12.52	-11.34	-9.09	-10.40	-14.98	-23.79	-24.73	-14.35	-9.60	-7.49	-8.38	-11.97	-12.90	-11.53	-7.07	-6.16	-8.60	-14.49	-31.09	-13.99	-8.53	-6.13	-6.98	-10.46	-12.52
θ (150°)	-23.82	-23.22	-13.75	-10.30	-11.07	-16.47	-29.52	-13.22	-8.60	-7.59	-10.15	-18.82	-18.42	-19.33	-13.73	-7.94	-6.93	-9.47	-18.05	-18.33	-9.76	-7.24	-8.24	-13.21	-23.82
θ (165°)	-21.93	-19.35	-18.73	-17.77	-18.80	-21.95	-21.25	-17.04	-15.67	-17.43	-19.65	-17.54	-16.48	-18.64	-21.35	-17.67	-16.28	-18.76	-29.97	-19.79	-15.03	-15.08	-19.52	-29.48	-21.93
θ (180°)	-15.82	-16.77	-18.95	-22.41	-27.58	-31.13	-29.03	-25.79	-23.67	-20.37	-17.64	-16.14	-15.61	-16.05	-17.13	-19.11	-20.96	-24.16	-30.20	-33.08	-24.97	-20.42	-17.53	-16.08	-15.82

Ant.	No.4																								
Freq. (MHz)	5150																								
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°)	-22.92	-14.50	-7.12	-3.43	-1.20	0.15	0.70	0.57	-0.16	-1.69	-4.36	-9.10	-20.93	-12.33	-5.75	-2.47	-0.53	0.55	1.02	0.94	0.25	-1.22	-3.75	-8.10	-22.92
θ (15°)	-11.23	-18.45	-10.47	-6.03	-3.63	-2.41	-2.04	-2.45	-3.64	-6.00	-10.44	-24.23	-13.40	-6.04	-2.23	0.08	1.50	2.37	2.76	2.70	2.00	0.63	-1.56	-4.23	-11.23
θ (30°)	-6.52	-11.53	-16.22	-11.23	-7.91	-6.22	-5.75	-6.19	-7.43	-10.13	-17.57	-19.09	-8.98	-4.24	-1.27	0.67	1.93	2.70	3.04	2.95	2.50	1.64	0.27	-1.84	-6.52
θ (45°)	-4.50	-9.25	-14.74	-14.89	-11.44	-9.35	-8.91	-9.80	-12.04	-16.09	-16.38	-9.21	-4.44	-1.78	-0.11	1.29	2.40	3.01	[3.16]	2.91	2.39	1.70	0.70	-0.76	-4.50
θ (60°)	-3.14	-5.69	-10.38	-16.04	-17.55	-14.94	-13.59	-13.50	-14.37	-14.65	-11.27	-6.96	-3.84	-1.96	-0.43	0.95	1.90	2.37	2.63	2.70	2.32	1.32	0.31	-0.75	-3.14
θ (75°)	-3.37	-5.86	-8.83	-13.01	-18.05	-20.37	-18.61	-17.11	-15.89	-12.84	-8.73	-4.95	-2.69	-1.54	-0.82	-0.09	0.64	1.01	1.03	0.84	0.57	-0.03	-1.05	-1.56	-3.37
θ (90°)	-3.46	-4.78	-6.97	-10.05	-14.67	-21.35	-28.05	-25.82	-18.37	-12.31	-7.91	-5.41	-4.10	-3.07	-2.44	-1.68	-0.99	-0.66	-0.59	-0.65	-1.01	-1.52	-2.19	-2.71	-3.46
θ (105°)	-3.42	-5.12	-7.85	-10.70	-14.99	-20.36	-22.69	-18.94	-13.50	-9.12	-6.29	-4.47	-3.27	-3.07	-3.53	-3.29	-2.71	-2.65	-2.84	-3.17	-3.43	-3.66	-4.00	-3.88	-3.42
θ (120°)	-6.14	-5.79	-6.67	-10.53	-16.83	-19.38	-17.72	-15.40	-12.93	-9.97	-6.84	-4.88	-4.32	-4.83	-5.96	-6.35	-6.28	-6.52	-7.10	-7.84	-8.27	-7.80	-6.52	-6.01	-6.14
θ (135°)	-8.34	-7.52	-8.59	-11.77	-14.46	-14.67	-14.96	-16.12	-15.04	-10.10	-6.84	-5.95	-6.65	-7.30	-7.57	-8.21	-9.43	-10.22	-10.89	-11.88	-12.57	-12.47	-11.36	-10.18	-8.34
θ (150°)	-12.41	-10.28	-9.91	-12.36	-16.91	-17.26	-15.69	-16.34	-17.63	-12.96	-9.27	-8.36	-9.89	-13.21	-16.35	-17.79	-19.40	-20.72	-20.65	-21.03	-22.63	-25.09	-23.24	-18.46	-12.41
θ (165°)	-15.68	-14.93	-15.84	-16.99	-16.62	-15.16	-15.07	-15.90	-16.00	-13.87	-11.97	-11.40	-12.19	-14.23	-17.10	-19.66	-20.61	-20.04	-19.01	-18.01	-16.69	-16.58	-17.29	-17.21	-15.68
θ (180°)	-23.37	-25.48	-28.26	-29.41	-28.15	-23.71	-20.43	-19.10	-19.24	-21.74	-24.81	-28.69	-32.61	-32.82	-29.46	-26.74	-24.20	-22.09	-21.04	-20.79	-20.32	-19.69	-19.23	-19.96	-23.37
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	0.49	-0.13	-1.46	-3.93	-8.21	-17.67	-15.67	-7.39	-3.39	-1.05	0.33	1.00	[1.05]	0.49	-0.76	-3.06	-7.07	-16.26	-16.77	-7.95	-3.89	-1.50	-0.12	0.55
θ (15°)	0.41	-0.01	-1.11	-3.03	-5.98	-11.48	-25.86	-12.11	-6.20	-3.07	-1.14	0.12	0.84	0.96	0.45	-0.84	-3.22	-7.37	-16.58	-16.23	-7.05	-2.98	-0.81	0.11	0.41
θ (30°)	0.24	-0.32	-1.44	-3.14	-5.72	-9.99	-18.52	-14.59	-7.67	-3.87	-1.44	-0.03	0.69	0.75	0.17	-1.11	-3.40	-7.37	-16.30	-17.83	-8.10	-3.78	-1.32	0.02	0.24
θ (45°)	-0.48	-1.12	-2.52	-4.75	-8.04	-13.64	-26.00	-15.82	-8.98	-4.94	-2.25	-0.46	0.40	0.31	-0.45	-1.69	-4.03	-8.51	-19.37	-15.98	-8.32	-4.41	-2.07	-0.95	-0.48
θ (60°)	-1.34	-1.93	-3.44	-6.04	-9.30	-13.10	-18.98	-18.10	-10.94	-7.20	-4.40	-1.80	-0.49	-0.37	-1.04	-2.48	-4.46	-7.37	-13.09	-34.62	-11.73	-6.69	-3.75	-1.79	-1.34
θ (75°)	-2.36	-4.10	-6.12	-7.55	-10.38	-15.42	-27.60	-19.12	-11.39	-7.40	-5.24	-3.31	-1.67	-1.54	-2.44	-3.67	-5.54	-8.76	-15.37	-27.05	-11.80	-6.53	-4.52	-3.49	-2.36
θ (90°)	-5.63	-6.09	-7.57	-8.88	-10.49	-14.45	-24.56	-22.62	-14.21	-10.29	-7.41	-4.71	-2.91	-3.21	-3.85	-4.03	-5.99	-10.15	-17.65	-20.67	-11.41	-8.80	-6.93	-5.49	-5.63
θ (105°)	-6.37	-7.17	-10.72	-12.56	-14.33	-19.93	-26.38	-19.00	-15.57	-13.32	-9.79	-6.15	-5.03	-4.61	-5.15	-6.55	-8.40	-12.15	-21.34	-23.03	-13.88	-10.64	-8.05	-6.88	-6.37
θ (120°)	-9.41	-10.09	-12.81	-16.06	-18.21	-22.80	-32.53	-20.69	-15.67	-15.84	-14.82	-8.38	-6.82	-6.80	-6.70	-8.21	-10.34	-12.48	-17.22	-26.84	-18.34	-13.95	-11.64	-9.72	-9.41
θ (135°)	-12.39	-13.37	-21.34	-23.88	-17.77	-18.50	-22.73	-21.18	-19.59	-26.66	-19.31	-11.51	-9.25	-9.47	-9.63	-9.82	-11.78	-15.38	-21.40	-29.91	-22.97	-14.78	-11.86	-12.63	-12.39
θ (150°)	-13.70	-16.60	-26.30	-18.56	-15.94	-19.57	-37.91	-18.32	-14.31	-15.68	-25.19	-17.90	-12.82	-12.02	-12.30	-12.34	-13.14	-15.95	-22.81	-29.95	-21.51	-20.59	-19.40	-15.11	-13.70
θ (165°)	-22.35	-28.32	-21.88	-19.12	-19.36	-21.56	-22.41	-19.69	-18.71	-21.03	-31.83	-23.08	-16.77	-14.20	-13.69	-13.98	-15.04	-17.11	-20.46	-25.81	-31.61	-23.01	-19.17	-19.27	-22.35
θ (180°)	-19.11	-18.73	-19.02	-19.17	-19.52	-20.96	-22.83	-24.78	-25.86	-25.70	-24.45	-23.46	-23.54	-24.70	-27.17	-30.49	-30.91	-27.65	-25.86	-26.39	-27.91	-26.79	-23.87	-20.80	-19.11

Ant.	No.4																								
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°)	-23.53	-15.47	-7.39	-3.61	-1.41	-0.12	0.41	0.31	-0.40	-1.82	-4.27	-8.78	-20.85	-13.44	-6.31	-2.83	-0.85	0.29	0.76	0.64	-0.08	-1.45	-3.92	-8.16	-23.53
θ (15°)	-11.01	-19.33	-10.98	-6.18	-3.71	-2.50	-2.06	-2.35	-3.51	-5.80	-10.08	-22.31	-14.33	-6.58	-2.68	-0.31	1.16	1.99	2.33	2.21	1.61	0.36	-1.70	-4.24	-11.01
θ (30°)	-6.36	-11.01	-15.87	-10.93	-7.72	-6.22	-5.85	-5.98	-6.96	-9.53	-16.27	-18.99	-9.29	-4.66	-1.70	0.29	1.71	2.65	3.08	2.92	2.25	1.23	-0.09	-2.06	-6.36
θ (45°)	-4.13	-9.06	-15.65	-15.47	-11.96	-10.46	-10.20	-10.65	-11.93	-15.04	-15.60	-9.16	-4.76	-2.22	-0.37	1.18	2.34	3.03	[3.26]	3.05	2.51	1.59	0.52	-0.72	-4.13
θ (60°)	-3.06	-5.38	-10.08	-15.51	-17.25	-15.92	-14.97	-14.65	-15.17	-15.15	-11.63	-7.26	-4.10	-2.22	-0.50	1.03	2.01	2.45	2.60	2.66	2.43	1.63	0.44	-0.85	-3.06
θ (75°)	-3.24	-5.75	-9.08	-14.03	-20.55	-23.88	-22.15	-19.75	-16.72	-12.68	-8.25	-4.90	-3.04	-1.88	-0.84	0.18	0.81	0.95	0.86	0.74	0.62	0.04	-1.17	-1.81	-3.24
θ (90°)	-3.78	-5.04	-7.38	-11.15	-17.04	-24.08	-26.18	-24.41	-18.06	-12.08	-7.89	-5.72	-4.45	-3.50	-2.78	-1.82	-1.10	-0.87	-0.86	-0.91	-1.02	-1.31	-2.04	-2.91	-3.78
θ (105°)	-3.77	-5.24	-7.90	-11.11	-16.14	-23.13	-24.28	-18.69	-13.23	-8.97	-6.21	-4.69	-3.86	-3.67	-3.92	-3.62	-3.17	-3.03	-3.09	-3.12	-3.27	-3.51	-4.02	-4.22	-3.77
θ (120°)	-6.21	-5.95	-6.73	-10.12	-16.27	-20.33	-18.12	-15.66	-12.79	-9.34	-6.44	-4.93	-4.75	-5.47	-6.38	-6.55	-6.31	-6.35	-6.72	-7.27	-7.94	-7.94	-6.71	-6.02	-6.21
θ (135°)	-8.32	-7.52	-8.50	-11.97	-15.28	-14.64	-14.35	-15.44	-14.79	-10.15	-7.04	-6.26	-6.99	-7.59	-7.66	-8.17	-9.00	-9.52	-10.00	-10.35	-10.87	-11.30	-10.97	-10.12	-8.32
θ (150°)	-12.77	-10.63	-10.40	-12.92	-17.17	-16.87	-15.16	-15.78	-16.90	-12.83	-9.60	-8.92	-10.69	-13.87	-16.49	-17.54	-18.56	-18.95	-18.97	-19.76	-21.25	-22.36	-21.98	-18.52	-12.77
θ (165°)	-16.10	-15.77	-16.73	-17.92	-16.88	-14.67	-14.34	-15.43	-15.84	-14.36	-12.65	-12.21	-13.25	-15.64	-18.39	-19.67	-19.23	-18.75	-18.45	-18.17	-17.44	-17.31	-17.53	-17.37	-16.10
θ (180°)	-24.51	-26.15	-28.02	-26.00	-23.26	-20.92	-19.49	-18.53	-18.63	-20.46	-23.60	-28.10	-36.37	-32.68	-27.38	-24.26	-21.95	-20.50	-20.48	-21.24	-21.10	-20.68	-20.50	-21.25	-24.51
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°)	0.46	0.42	-0.20	-1.52	-3.91	-8.22	-17.88	-15.53	-7.56	-3.57	-1.14	0.22	0.82	[0.83]	0.25	-1.01	-3.29	-7.07	-14.84	-18.34	-8.14	-3.93	-1.52	-0.15	0.46
θ (15°)	0.32	-0.03	-1.08	-2.98	-6.04	-11.68	-28.01	-12.62	-6.71	-3.43	-1.35	0.01	0.73	0.80	0.20	-1.21	-3.64	-7.86	-17.19	-15.71	-7.46	-3.55	-1.33	-0.25	0.32
θ (30°)	0.15	-0.24	-1.27	-3.00	-5.74	-10.16	-18.61	-14.50	-7.58	-3.80	-1.52	-0.26	0.35	0.48	0.01	-1.19	-3.47	-7.29	-15.00	-20.56	-9.06	-4.39	-1.68	-0.24	0.15
θ (45°)	-0.77	-1.14	-2.46	-4.75	-7.93	-13.23	-23.46	-14.89	-8.12	-4.38	-2.06	-0.50	0.15	0.07	-0.58	-1.91	-4.49	-9.06	-19.79	-16.40	-8.51	-4.54	-2.20	-1.29	-0.77
θ (60°)	-1.61	-1.85	-3.03	-5.65	-9.34	-13.73	-19.28	-17.39	-11.23	-7.31	-3.87	-1.56	-0.88	-0.91	-1.40	-2.44	-4.11	-7.31	-13.41	-25.00	-11.60	-6.51	-4.09	-2.34	-1.61
θ (75°)	-2.45	-3.55	-5.63	-7.36	-10.29	-14.99	-22.91	-18.60	-11.65	-7.83	-5.23	-3.03	-1.70	-1.74	-2.45	-3.56	-5.36	-8.83	-15.86	-22.69	-11.42	-6.31	-4.59	-4.10	-2.45
θ (90°)	-5.44	-6.12	-7.31	-8.62	-10.43	-14.20	-23.07	-23.98	-14.44	-9.81	-7.20	-4.76	-3.34	-3.78	-3.73	-4.11	-6.45	-10.57	-17.79	-25.52	-12.35	-8.46	-6.42	-5.23	-5.44
θ (105°)	-6.55	-7.12	-9.64	-11.94	-14.91	-22.71	-28.80	-20.77	-15.34	-11.43	-8.44	-5.81	-5.44	-5.49	-5.63	-6.83	-8.95	-12.38	-19.93	-24.81	-13.01	-9.48	-7.66	-6.69	-6.55
θ (120°)	-10.14	-10.61	-12.37	-15.32	-18.65	-24.32	-39.99	-22.49	-16.64	-15.64	-13.28	-8.02	-6.83	-7.13	-7.12	-8.15	-9.73	-12.45	-18.26	-23.57	-16.12	-12.33	-10.71	-9.99	-10.14
θ (135°)	-12.15	-13.41	-20.73	-24.60	-18.36	-19.26	-24.54	-24.75	-22.81	-27.66	-18.44	-11.69	-9.34	-9.43	-9.64	-9.73	-10.83	-13.83	-19.77	-27.23	-21.20	-15.04	-12.00	-12.18	-12.15
θ (150°)	-14.05	-16.92	-24.63	-18.16	-16.80	-21.03	-35.84	-18.15	-14.27	-15.50	-23.60	-17.57	-12.87	-12.01	-12.11	-12.36	-13.36	-15.68	-20.32	-32.94	-21.64	-18.51	-18.31	-15.79	-14.05
θ (165°)	-20.64	-26.22	-22.66	-19.83	-19.96	-21.89	-24.10	-20.55	-18.60	-20.19	-27.29	-22.41	-16.68	-14.40	-13.83	-14.50	-15.79	-18.26	-21.52	-27.04	-44.88	-26.11	-20.28	-19.26	-20.64
θ (180°)	-18.66	-18.00	-17.70	-17.76	-18.33	-20.72	-25.35	-29.98	-27.56	-23.82	-22.39	-21.30	-21.10	-21.81	-23.15	-26.20	-30.43	-30.57	-27.47	-26.95	-27.27	-25.78	-23.27	-20.63	-18.66

Ant.	No.4																								
Freq. (MHz)	5250																								
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°)	-26.34	-15.28	-7.66	-4.01	-1.86	-0.51	0.08	-0.01	-0.70	-2.09	-4.58	-9.04	-21.13	-14.36	-6.92	-3.33	-1.24	-0.04	0.49	0.34	-0.44	-2.00	-4.57	-8.97	-26.34
θ (15°)	-11.07	-21.97	-12.36	-6.93	-4.07	-2.65	-2.29	-2.75	-3.96	-6.12	-10.07	-21.19	-15.16	-7.03	-3.02	-0.54	0.99	1.85	2.09	1.85	1.16	-0.08	-2.05	-4.48	-11.07
θ (30°)	-6.86	-11.41	-16.51	-11.04	-7.76	-6.20	-5.64	-5.84	-6.97	-9.82	-17.09	-19.59	-10.04	-5.17	-1.94	0.27	1.77	2.63	3.01	2.92	2.33	1.17	-0.46	-2.59	-6.86
θ (45°)	-4.11	-8.51	-14.42	-15.22	-12.78	-11.23	-10.47	-10.40	-11.74	-15.04	-15.40	-9.30	-5.20	-2.70	-0.72	0.99	2.33	3.12	[3.38]	3.16	2.51	1.50	0.22	-1.06	-4.11
θ (60°)	-2.88	-5.07	-9.69	-15.50	-18.37	-17.59	-15.92	-15.08	-15.59	-15.42	-11.86	-7.69	-4.72	-2.55	-0.53	1.08	2.06	2.55	2.71	2.64	2.35	1.63	0.57	-0.78	-2.88
θ (75°)	-3.51	-5.74	-8.89	-13.38	-19.95	-24.92	-24.54	-21.21	-16.90	-12.86	-8.80	-5.40	-3.44	-1.92	-0.44	0.63	1.11	1.09	0.85	0.61	0.55	0.27	-0.88	-2.03	-3.51
θ (90°)	-3.90	-5.18	-7.28	-10.71	-16.06	-23.15	-26.38	-23.81	-17.43	-11.72	-7.72	-5.84	-4.62	-3.57	-2.80	-1.87	-1.22	-1.13	-1.27	-1.25	-1.29	-1.57	-2.12	-2.81	-3.90
θ (105°)	-4.14	-5.41	-7.89	-11.21	-16.26	-21.94	-23.43	-18.41	-12.78	-8.80	-6.52	-5.24	-4.20	-3.95	-4.29	-4.02	-3.62	-3.50	-3.46	-3.38	-3.40	-3.48	-3.93	-4.36	-4.14
θ (120°)	-6.65	-6.60	-7.40	-10.54	-15.72	-20.10	-18.90	-15.95	-12.77	-9.27	-6.39	-5.21	-5.24	-5.94	-6.57	-6.54	-6.54	-6.78	-6.99	-7.15	-7.63	-8.04	-7.03	-6.23	-6.65
θ (135°)	-8.55	-7.67	-8.38	-11.43	-15.22	-15.20	-14.61	-15.63	-14.75	-10.23	-7.29	-6.71	-7.66	-8.18	-8.18	-8.72	-9.27	-9.55	-9.93	-10.37	-10.80	-10.93	-10.51	-9.95	-8.55
θ (150°)	-14.02	-11.81	-11.30	-13.62	-17.99	-16.85	-14.65	-15.43	-16.76	-13.30	-9.78	-9.09	-10.79	-13.82	-16.18	-17.57	-18.99	-19.15	-18.28	-18.22	-19.54	-21.19	-20.81	-19.29	-14.02
θ (165°)	-17.26	-16.45	-17.07	-18.45	-17.97	-15.57	-14.91	-16.15	-17.07	-15.33	-13.40	-12.92	-14.07	-16.88	-19.97	-21.01	-19.48	-17.94	-16.79	-16.88	-17.02	-17.46	-18.49	-18.63	-17.26
θ (180°)	-24.75	-27.26	-28.56	-25.66	-22.55	-20.68	-19.36	-18.88	-18.77	-19.78	-22.14	-26.97	-36.32	-36.12	-28.02	-24.25	-21.82	-20.85	-20.45	-19.79	-19.48	-18.84	-19.12	-20.45	-24.75
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°)	0.04	0.00	-0.71	-2.15	-4.55	-8.48	-16.88	-15.97	-7.54	-3.62	-1.41	-0.17	0.38	0.34	-0.29	-1.66	-4.07	-7.97	-15.46	-15.67	-8.17	-4.23	-1.94	-0.62	0.04
θ (15°)	-0.20	-0.52	-1.42	-3.10	-5.96	-11.40	-27.01	-13.00	-6.92	-3.61	-1.46	-0.13	[0.49]	0.47	-0.23	-1.73	-4.14	-8.26	-17.38	-14.50	-7.37	-3.84	-1.68	-0.68	-0.20
θ (30°)	-0.14	-0.46	-1.47	-3.31	-6.23	-10.92	-18.77	-13.37	-7.31	-3.89	-1.86	-0.75	-0.03	0.36	0.02	-1.23	-3.50	-7.16	-14.81	-17.60	-8.70	-4.54	-2.01	-0.61	-0.14
θ (45°)	-0.87	-1.25	-2.43	-4.71	-7.90	-13.00	-22.52	-14.22	-7.97	-4.54	-2.35	-0.89	-0.31	-0.30	-0.95	-2.41	-4.89	-8.96	-18.91	-15.46	-7.74	-4.16	-2.04	-1.13	-0.87
θ (60°)	-1.87	-2.25	-3.16	-5.28	-8.97	-13.68	-19.64	-17.21	-11.34	-7.31	-4.00	-2.11	-1.63	-1.27	-1.41	-2.43	-4.52	-8.26	-15.36	-20.08	-10.52	-5.80	-3.59	-2.36	-1.87
θ (75°)	-3.19	-3.83	-5.70	-7.24	-10.28	-15.72	-23.45	-18.25	-12.06	-7.93	-5.08	-2.96	-1.95	-2.17	-2.74	-3.42	-5.37	-9.97	-20.24	-18.27	-11.45	-6.60	-3.84	-3.85	-3.19
θ (90°)	-4.93	-5.57	-7.04	-8.60	-10.37	-13.69	-20.62	-25.36	-14.39	-10.06	-7.74	-5.00	-3.69	-3.92	-3.63	-4.49	-6.80	-10.63	-17.80	-25.07	-11.83	-7.90	-6.16	-5.01	-4.93
θ (105°)	-6.58	-7.46	-9.53	-12.03	-15.82	-23.00	-37.02	-23.51	-14.65	-10.60	-8.69	-6.51	-6.13	-5.67	-5.72	-7.24	-9.59	-12.97	-21.29	-24.29	-13.47	-9.34	-7.39	-6.53	-6.58
θ (120°)	-9.84	-11.16	-12.64	-14.96	-18.05	-23.29	-47.94	-21.58	-15.94	-14.83	-13.34	-8.37	-7.49	-7.99	-7.35	-7.93	-9.87	-13.35	-20.52	-25.57	-16.36	-12.43	-10.37	-9.30	-9.84
θ (135°)	-12.17	-12.92	-20.54	-24.27	-18.35	-20.10	-26.79	-25.09	-23.03	-25.41	-18.82	-12.06	-9.50	-9.53	-9.87	-10.04	-10.92	-14.02	-20.09	-25.62	-19.52	-14.25	-11.78	-12.33	-12.17
θ (150°)	-14.12	-16.57	-22.95	-19.54	-18.26	-21.30	-31.80	-20.08	-15.73	-16.54	-23.12	-16.49	-12.36	-11.47	-11.57	-11.95	-13.06	-15.05	-19.43	-31.99	-21.30	-17.77	-17.34	-15.34	-14.12
θ (165°)	-19.65	-25.65	-23.86	-19.46	-18.85	-21.69	-24.77	-21.38	-19.56	-21.48	-27.21	-21.96	-16.56	-14.37	-13.89	-14.92	-16.58	-18.31	-20.67	-26.56	-36.75	-23.38	-19.02	-18.12	-19.65
θ (180°)	-17.75	-17.30	-17.49	-18.10	-19.58	-21.67	-25.15	-32.54	-33.56	-24.47	-21.08	-20.07	-19.93	-20.41	-21.48	-23.69	-27.42	-36.54	-35.66	-31.21	-27.90	-24.78	-21.37	-19.12	-17.75

Ant.	No.4																								
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°)	-26.46	-16.16	-8.15	-4.41	-2.20	-0.87	-0.31	-0.34	-0.97	-2.45	-5.06	-9.62	-22.84	-14.17	-6.94	-3.44	-1.43	-0.40	0.03	-0.06	-0.76	-2.23	-4.80	-9.22	-26.46
θ (15°)	-11.68	-24.83	-12.98	-7.47	-4.63	-3.24	-2.85	-3.22	-4.37	-6.52	-10.67	-23.11	-14.61	-7.01	-3.17	-0.83	0.62	1.48	1.83	1.68	0.96	-0.36	-2.42	-4.90	-11.68
θ (30°)	-7.14	-11.43	-16.37	-11.45	-7.87	-6.12	-5.57	-5.86	-7.21	-10.29	-17.65	-21.25	-10.70	-5.29	-1.84	0.36	1.80	2.58	2.90	2.80	2.26	1.23	-0.45	-2.77	-7.14
θ (45°)	-4.61	-8.62	-14.33	-15.00	-11.82	-10.27	-9.86	-10.22	-11.69	-14.70	-14.95	-9.26	-5.51	-2.97	-0.81	1.05	2.38	3.06	[3.33]	3.16	2.53	1.45	0.05	-1.49	-4.61
θ (60°)	-3.01	-4.83	-8.92	-14.70	-18.41	-17.61	-16.18	-15.49	-15.85	-15.55	-12.17	-8.11	-5.01	-2.55	-0.43	1.12	2.05	2.49	2.64	2.57	2.32	1.65	0.54	-0.88	-3.01
θ (75°)	-3.19	-5.39	-8.41	-12.57	-17.92	-21.71	-22.50	-21.04	-17.66	-13.55	-9.13	-5.68	-3.65	-1.74	-0.34	0.55	1.03	1.23	1.17	0.76	0.32	0.08	-0.70	-1.76	-3.19
θ (90°)	-4.02	-5.35	-7.27	-10.29	-15.63	-23.16	-28.10	-23.41	-16.25	-11.00	-7.76	-6.12	-4.50	-3.35	-2.71	-1.80	-1.26	-1.35	-1.65	-1.70	-1.57	-1.53	-2.00	-2.89	-4.02
θ (105°)	-4.40	-5.50	-7.73	-10.69	-15.68	-21.72	-22.18	-17.42	-12.28	-8.60	-6.59	-5.30	-4.30	-4.12	-4.26	-3.73	-3.45	-3.59	-3.71	-3.66	-3.63	-3.69	-3.86	-4.39	-4.40
θ (120°)	-6.97	-6.94	-7.62	-10.18	-14.60	-18.94	-19.15	-16.35	-12.78	-9.48	-7.08	-5.92	-5.82	-6.20	-6.40	-6.41	-6.70	-7.20	-7.44	-7.39	-7.58	-7.93	-7.29	-6.61	-6.97
θ (135°)	-9.03	-7.83	-8.26	-11.26	-15.32	-16.08	-15.67	-16.29	-15.28	-10.71	-7.86	-7.54	-8.43	-8.49	-8.43	-9.01	-9.60	-9.85	-9.97	-10.34	-10.99	-11.22	-10.78	-10.32	-9.03
θ (150°)	-14.30	-12.35	-11.86	-14.03	-17.62	-16.67	-14.67	-14.95	-16.48	-13.55	-10.04	-9.27	-10.86	-13.59	-15.53	-16.85	-18.90	-20.65	-20.50	-19.42	-19.58	-20.28	-19.91	-18.53	-14.30
θ (165°)	-17.24	-16.49	-17.12	-18.49	-18.08	-16.20	-15.65	-16.74	-17.52	-15.75	-13.84	-13.23	-14.35	-16.95	-20.57	-22.35	-20.29	-17.62	-16.33	-15.90	-16.18	-16.95	-17.95	-18.33	-17.24
θ (180°)	-26.08	-30.80	-32.22	-27.51	-23.78	-20.67	-18.91	-18.29	-18.36	-19.41	-21.23	-25.03	-32.30	-44.72	-30.97	-25.70	-21.78	-19.45	-18.11	-17.95	-18.45	-19.06	-19.63	-20.96	-26.08
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°)	-0.50	-0.64	-1.37	-2.77	-5.02	-8.78	-16.66	-14.16	-7.10	-3.55	-1.48	-0.31	0.20	0.10	-0.62	-2.02	-4.47	-8.48	-16.51	-14.52	-7.66	-4.13	-2.07	-0.96	-0.50
θ (15°)	-0.47	-0.77	-1.70	-3.33	-5.98	-11.03	-23.63	-12.75	-6.81	-3.53	-1.54	-0.31	0.28	0.22	-0.51	-1.99	-4.32	-8.47	-17.56	-13.55	-6.62	-3.39	-1.65	-0.85	-0.47
θ (30°)	-0.50	-0.81	-1.71	-3.31	-6.25	-11.75	-21.60	-12.74	-7.29	-4.21	-2.19	-0.88	-0.02	[0.29]	-0.21	-1.55	-3.73	-7.46	-15.66	-15.42	-7.61	-4.17	-2.18	-0.92	-0.50
θ (45°)	-0.72	-1.28	-2.38	-4.61	-8.11	-14.06	-22.36	-14.09	-8.13	-4.78	-2.70	-1.34	-0.59	-0.49	-1.12	-2.48	-4.70	-8.68	-18.66	-14.51	-7.15	-3.88	-1.86	-0.92	-0.72
θ (60°)	-2.09	-2.44	-3.32	-5.50	-9.01	-13.97	-21.07	-17.94	-11.43	-7.16	-4.18	-2.59	-1.77	-1.03	-1.30	-2.63	-5.00	-8.99	-17.00	-17.91	-9.73	-5.43	-3.13	-2.21	-2.09
θ (75°)	-3.48	-4.18	-6.34	-7.76	-10.59	-16.06	-26.00	-17.94	-11.89	-7.74	-4.95	-3.19	-2.43	-2.43	-2.69	-3.22	-5.49	-10.23	-21.32	-18.28	-10.55	-6.85	-3.98	-3.46	-3.48
θ (90°)	-5.12	-5.85	-7.13	-8.53	-10.81	-14.65	-21.52	-24.54	-15.18	-10.76	-7.91	-5.19	-4.10	-3.88	-3.70	-4.52	-6.53	-10.62	-19.25	-24.24	-12.27	-7.92	-5.89	-4.97	-5.12
θ (105°)	-6.73	-7.76	-9.87	-12.36	-15.51	-20.95	-32.04	-24.29	-14.25	-10.54	-9.20	-7.05	-6.05	-5.39	-5.71	-7.23	-9.30	-12.87	-22.17	-22.00	-13.05	-9.38	-7.66	-6.85	-6.73
θ (120°)	-9.76	-11.30	-13.03	-14.51	-17.05	-22.19	-36.70	-20.77	-15.33	-14.69	-13.52	-8.71	-8.07	-8.02	-6.94	-7.77	-10.17	-13.69	-19.75	-29.46	-16.18	-11.99	-10.59	-9.67	-9.76
θ (135°)	-12.21	-13.11	-20.27	-25.91	-18.26	-19.33	-24.08	-23.80	-22.02	-22.62	-19.99	-12.80	-10.18	-10.16	-10.03	-9.82	-11.01	-14.70	-21.35	-26.60	-19.13	-13.71	-11.05	-11.46	-12.21
θ (150°)	-13.93	-16.06	-22.25	-19.71	-17.47	-19.76	-33.41	-20.64	-16.47	-17.77	-24.37	-15.84	-12.21	-11.51	-11.66	-11.79	-12.60	-14.88	-19.85	-33.67	-21.58	-17.67	-17.23	-15.55	-13.93
θ (165°)	-19.91	-25.73	-24.77	-19.70	-18.72	-21.19	-23.51	-20.33	-19.28	-21.38	-25.83	-21.17	-16.56	-14.40	-14.28	-15.06	-16.09	-17.53	-19.67	-24.52	-58.51	-24.18	-19.31	-18.47	-19.91
θ (180°)	-16.45	-15.87	-16.04	-17.34	-19.18	-20.52	-22.20	-26.59	-39.00	-25.60	-21.30	-19.63	-19.28	-20.02	-21.75	-24.11	-27.39	-31.76	-37.72	-36.10	-26.71	-23.18	-20.18	-17.99	-16.45

Ant.	No.4																								
Freq. (MHz)	5350																								
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°)	-27.49	-16.08	-8.04	-4.36	-2.27	-1.05	-0.45	-0.45	-1.12	-2.62	-5.32	-10.12	-25.08	-13.73	-6.86	-3.44	-1.37	-0.30	0.02	-0.22	-0.99	-2.50	-5.06	-9.32	-27.49
θ (15°)	-12.10	-26.44	-12.94	-7.72	-5.21	-3.94	-3.48	-3.68	-4.67	-6.87	-11.34	-25.31	-14.26	-6.92	-3.12	-0.82	0.60	1.42	1.76	1.65	1.01	-0.31	-2.39	-4.99	-12.10
θ (30°)	-7.41	-11.76	-17.65	-12.08	-8.06	-6.09	-5.50	-5.94	-7.47	-10.70	-17.62	-21.96	-10.70	-5.14	-1.71	0.43	1.81	2.63	3.05	3.02	2.52	1.45	-0.27	-2.79	-7.41
θ (45°)	-4.71	-8.81	-14.18	-14.51	-11.61	-10.02	-9.51	-9.87	-11.25	-14.30	-14.40	-9.28	-5.58	-2.85	-0.53	1.27	2.46	3.10	[3.37]	3.30	2.72	1.68	0.16	-1.44	-4.71
θ (60°)	-3.32	-5.22	-9.00	-14.90	-18.64	-16.74	-15.57	-15.21	-15.97	-15.96	-12.79	-8.44	-4.95	-2.37	-0.29	1.20	2.09	2.50	2.69	2.69	2.44	1.79	0.78	-0.72	-3.32
θ (75°)	-2.99	-4.85	-7.59	-11.75	-18.56	-22.95	-20.86	-20.31	-17.61	-13.48	-9.00	-5.76	-3.47	-1.57	-0.42	0.40	1.03	1.27	1.28	1.12	0.67	0.09	-0.64	-1.50	-2.99
θ (90°)	-3.75	-5.14	-7.01	-9.60	-14.49	-21.58	-25.25	-23.85	-16.74	-11.32	-7.90	-5.97	-4.30	-3.18	-2.42	-1.63	-1.27	-1.37	-1.53	-1.57	-1.66	-1.69	-1.85	-2.57	-3.75
θ (105°)	-4.56	-5.44	-7.83	-11.06	-16.28	-21.77	-21.01	-16.04	-11.56	-8.41	-6.48	-5.11	-4.21	-4.03	-4.01	-3.49	-3.31	-3.58	-3.69	-3.54	-3.55	-3.67	-3.65	-4.24	-4.56
θ (120°)	-7.30	-7.35	-7.83	-10.23	-14.11	-17.07	-17.24	-15.03	-12.34	-9.82	-7.47	-6.15	-5.96	-6.14	-6.26	-6.41	-6.78	-7.33	-7.73	-7.74	-7.86	-8.18	-7.55	-6.76	-7.30
θ (135°)	-9.01	-7.92	-8.21	-10.78	-14.41	-15.78	-16.17	-17.20	-15.41	-10.88	-8.28	-8.01	-8.61	-8.46	-8.50	-9.31	-10.13	-10.26	-10.19	-10.44	-10.86	-11.11	-10.57	-10.08	-9.01
θ (150°)	-13.67	-11.93	-11.56	-14.09	-17.85	-16.13	-14.35	-15.56	-18.29	-14.28	-10.26	-9.37	-10.78	-13.15	-14.68	-15.94	-18.00	-20.02	-20.47	-19.65	-19.38	-19.75	-19.22	-17.56	-13.67
θ (165°)	-17.45	-16.53	-17.38	-18.89	-18.18	-16.59	-16.59	-18.18	-18.76	-16.05	-13.77	-13.07	-14.08	-16.48	-19.56	-21.16	-19.54	-17.73	-16.77	-16.49	-16.55	-17.21	-18.16	-18.79	-17.45
θ (180°)	-26.47	-30.82	-33.12	-27.33	-22.79	-18.92	-16.96	-16.46	-17.10	-18.32	-20.34	-23.94	-31.69	-36.98	-29.58	-26.62	-23.22	-19.75	-17.03	-16.26	-16.73	-17.59	-18.94	-20.94	-26.47
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°)	-0.57	-0.78	-1.50	-2.82	-5.17	-9.34	-17.46	-12.89	-6.75	-3.46	-1.54	-0.42	0.06	-0.03	-0.74	-2.19	-4.78	-9.44	-19.35	-13.83	-7.53	-4.15	-2.08	-0.94	-0.57
θ (15°)	-0.46	-0.98	-2.07	-3.89	-6.84	-12.35	-23.01	-12.56	-6.88	-3.67	-1.61	-0.35	[0.22]	0.16	-0.57	-2.05	-4.72	-9.39	-18.34	-13.41	-6.87	-3.37	-1.44	-0.65	-0.46
θ (30°)	-0.71	-1.20	-2.31	-4.06	-6.85	-12.05	-25.31	-13.70	-7.39	-4.11	-2.28	-1.14	-0.30	0.05	-0.45	-1.75	-4.10	-8.25	-17.09	-15.17	-7.31	-3.56	-1.68	-0.84	-0.71
θ (45°)	-0.72	-1.46	-2.58	-4.60	-8.03	-14.11	-22.61	-13.32	-8.13	-5.06	-2.83	-1.37	-0.67	-0.68	-1.24	-2.37	-4.56	-8.91	-19.80	-14.25	-7.01	-3.73	-1.77	-0.74	-0.72
θ (60°)	-1.86	-2.56	-3.53	-5.39	-8.79	-13.44	-18.82	-16.42	-10.86	-6.96	-4.31	-2.87	-1.83	-1.01	-1.47	-3.00	-5.24	-8.90	-17.68	-16.97	-9.21	-5.20	-2.92	-1.84	-1.86
θ (75°)	-3.41	-4.02	-6.20	-8.14	-10.44	-15.42	-25.00	-18.46	-11.87	-7.77	-5.40	-3.95	-2.90	-2.50	-2.51	-3.30	-5.78	-10.17	-19.64	-18.67	-10.06	-6.56	-3.97	-3.23	-3.41
θ (90°)	-4.81	-5.93	-7.73	-9.11	-11.62	-16.09	-23.02	-23.12	-15.30	-10.86	-7.96	-5.60	-4.50	-3.88	-3.45	-4.23	-6.66	-11.26	-19.90	-24.49	-13.20	-8.53	-5.89	-4.57	-4.81
θ (105°)	-7.06	-8.01	-10.12	-11.91	-15.16	-20.56	-29.76	-21.60	-13.51	-10.36	-9.50	-6.84	-5.65	-5.29	-5.56	-6.78	-8.86	-13.05	-24.22	-21.68	-13.18	-9.40	-7.37	-6.83	-7.06
θ (120°)	-10.05	-12.07	-14.30	-15.01	-17.10	-21.00	-28.25	-23.40	-16.43	-15.66	-14.27	-9.07	-8.35	-7.59	-6.74	-8.30	-11.08	-14.10	-20.14	-26.94	-16.19	-11.94	-9.86	-9.34	-10.05
θ (135°)	-11.86	-12.19	-18.55	-27.30	-18.05	-17.85	-22.27	-23.52	-20.36	-22.35	-23.50	-13.19	-10.18	-9.87	-9.62	-9.64	-11.50	-15.40	-21.53	-25.89	-20.54	-14.05	-10.93	-11.39	-11.86
θ (150°)	-13.69	-15.51	-22.93	-19.97	-16.40	-18.50	-33.36	-19.42	-15.92	-18.05	-26.76	-16.14	-12.42	-11.79	-11.63	-11.17	-12.00	-14.98	-20.79	-32.06	-23.55	-18.66	-17.43	-15.47	-13.69
θ (165°)	-20.00	-26.09	-26.16	-19.25	-17.85	-20.51	-22.92	-20.05	-19.16	-22.36	-25.90	-19.53	-15.67	-14.33	-14.08	-14.22	-14.89	-16.56	-20.65	-26.90	-39.65	-26.05	-20.29	-19.08	-20.00
θ (180°)	-16.21	-15.86	-16.00	-17.09	-18.19	-20.12	-22.92	-28.41	-33.56	-26.01	-21.45	-19.03	-18.09	-18.55	-20.35	-23.29	-25.70	-26.46	-27.35	-34.32	-29.13	-22.85	-19.78	-17.73	-16.21

Ant.	No.4																								
Freq. (MHz)	5470																								
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°)	-24.37	-15.15	-7.06	-3.37	-1.23	0.05	0.53	0.38	-0.38	-1.80	-4.28	-8.73	-20.95	-13.67	-6.29	-2.80	-0.81	0.26	0.72	0.61	-0.09	-1.55	-4.06	-8.35	-24.37
θ (15°)	-12.25	-27.15	-12.30	-7.56	-4.99	-3.62	-3.11	-3.29	-4.13	-6.09	-9.96	-20.97	-15.23	-7.00	-2.90	-0.39	1.16	1.97	2.17	1.92	1.26	0.10	-1.94	-4.58	-12.25
θ (30°)	-6.86	-11.67	-19.58	-14.00	-9.36	-7.06	-6.24	-6.41	-7.60	-10.44	-16.69	-21.49	-9.71	-4.28	-1.12	0.98	2.43	3.27	[3.58]	3.38	2.80	1.89	0.41	-1.94	-6.86
θ (45°)	-4.16	-8.38	-13.80	-14.30	-11.22	-9.79	-9.73	-10.55	-12.13	-15.14	-14.80	-9.64	-5.72	-2.64	-0.23	1.50	2.62	3.22	3.52	3.54	3.12	2.15	0.78	-0.80	-4.16
θ (60°)	-3.19	-5.35	-8.87	-13.16	-15.57	-15.36	-14.58	-14.56	-15.31	-15.83	-13.19	-8.69	-4.94	-1.97	0.17	1.36	2.10	2.63	2.94	2.97	2.80	2.24	1.07	-0.50	-3.19
θ (75°)	-2.51	-4.85	-7.48	-11.27	-16.56	-18.53	-19.37	-19.45	-16.47	-12.81	-8.81	-5.58	-3.27	-1.68	-0.40	0.80	1.47	1.60	1.52	1.44	1.25	0.80	0.03	-0.75	-2.51
θ (90°)	-2.76	-4.56	-6.70	-9.30	-14.14	-19.55	-21.91	-20.01	-15.32	-10.39	-7.08	-5.19	-3.40	-2.44	-1.81	-0.92	-0.45	-0.49	-0.64	-0.56	-0.47	-0.72	-1.14	-1.48	-2.76
θ (105°)	-3.75	-4.75	-7.30	-9.98	-13.49	-16.89	-17.33	-14.57	-11.02	-8.12	-6.27	-4.91	-3.53	-3.03	-2.85	-2.30	-2.21	-2.48	-2.54	-2.51	-2.54	-2.80	-2.95	-3.14	-3.75
θ (120°)	-6.49	-6.65	-7.34	-9.95	-13.81	-16.10	-15.63	-13.93	-11.71	-9.30	-6.61	-5.32	-5.28	-5.57	-5.74	-5.60	-5.76	-6.36	-6.98	-7.05	-7.12	-7.87	-7.77	-6.55	-6.49
θ (135°)	-8.86	-8.33	-8.68	-10.97	-13.97	-14.28	-14.02	-15.10	-13.62	-9.78	-7.56	-7.31	-7.60	-7.83	-8.50	-9.47	-9.89	-9.94	-9.65	-9.37	-9.70	-10.40	-10.22	-9.70	-8.86
θ (150°)	-12.96	-10.98	-10.61	-13.51	-19.33	-17.72	-15.43	-17.21	-18.45	-12.28	-8.87	-8.54	-10.39	-12.77	-14.14	-15.19	-16.50	-17.70	-18.94	-19.70	-20.36	-20.09	-18.89	-17.03	-12.96
θ (165°)	-17.64	-16.33	-17.23	-19.47	-19.08	-16.87	-16.50	-18.37	-18.97	-15.54	-13.13	-12.57	-13.71	-16.69	-21.04	-22.33	-19.84	-17.62	-16.45	-16.43	-17.08	-18.19	-19.59	-20.27	-17.64
θ (180°)	-28.64	-34.22	-41.34	-28.27	-23.40	-20.70	-19.58	-18.81	-18.20	-19.00	-21.18	-25.51	-34.76	-37.53	-27.64	-24.14	-21.95	-19.96	-18.57	-17.64	-17.34	-17.88	-19.26	-21.90	-28.64
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°)	0.46	0.26	-0.56	-2.16	-5.00	-9.97	-23.61	-12.60	-6.02	-2.58	-0.60	0.46	[0.83]	0.64	-0.20	-1.81	-4.54	-9.15	-20.33	-13.04	-6.24	-2.84	-0.92	0.09	0.46
θ (15°)	0.46	-0.15	-1.45	-3.51	-6.70	-12.75	-25.26	-11.90	-6.55	-3.30	-1.11	0.24	0.78	0.60	-0.35	-2.08	-4.95	-10.23	-22.06	-11.05	-5.43	-2.40	-0.56	0.22	0.46
θ (30°)	0.28	-0.42	-1.82	-3.83	-6.85	-11.93	-24.17	-13.73	-7.64	-4.56	-2.55	-0.99	0.14	0.44	-0.23	-1.88	-4.57	-9.00	-18.90	-13.44	-6.35	-2.79	-0.72	0.31	0.28
θ (45°)	-0.24	-1.24	-2.82	-5.15	-8.54	-13.50	-21.81	-15.65	-9.37	-5.53	-2.78	-1.05	-0.19	0.02	-0.61	-2.29	-5.32	-10.08	-24.47	-13.00	-5.98	-2.76	-0.95	-0.16	-0.24
θ (60°)	-1.16	-2.11	-3.74	-5.88	-9.26	-14.29	-23.03	-16.21	-10.58	-7.26	-4.71	-2.88	-1.58	-1.04	-1.64	-2.85	-5.33	-10.01	-21.18	-15.99	-8.41	-4.65	-2.28	-1.09	-1.16
θ (75°)	-2.57	-3.58	-5.98	-8.23	-11.11	-16.30	-22.86	-18.09	-12.26	-8.62	-6.60	-4.13	-2.56	-2.44	-2.97	-4.03	-6.68	-11.61	-22.98	-18.21	-9.70	-6.12	-3.69	-2.70	-2.57
θ (90°)	-3.73	-4.49	-6.61	-8.57	-11.24	-15.96	-24.23	-25.73	-16.20	-11.39	-8.86	-5.99	-4.19	-3.46	-3.39	-4.85	-7.41	-11.01	-18.52	-26.84	-13.14	-8.12	-5.87	-4.58	-3.73
θ (105°)	-6.26	-7.41	-10.70	-13.17	-14.80	-19.06	-31.24	-20.99	-12.47	-10.52	-10.06	-6.00	-5.09	-4.70	-4.97	-6.76	-9.25	-12.40	-19.69	-25.55	-14.38	-10.26	-7.56	-6.08	-6.26
θ (120°)	-8.72	-10.40	-13.80	-15.69	-15.95	-19.13	-30.58	-22.99	-16.59	-18.04	-14.60	-8.86	-8.08	-7.00	-6.65	-7.90	-9.74	-13.24	-20.37	-28.32	-16.51	-12.42	-10.43	-8.94	-8.72
θ (135°)	-11.43	-11.35	-16.43	-29.69	-17.81	-18.31	-24.80	-25.41	-21.79	-31.29	-18.64	-11.11	-8.92	-9.26	-9.74	-9.97	-11.17	-15.15	-24.54	-27.59	-20.68	-15.16	-11.15	-10.85	-11.43
θ (150°)	-13.45	-15.64	-26.05	-18.81	-15.48	-17.64	-29.92	-21.48	-15.96	-17.21	-26.04	-16.03	-12.44	-11.63	-11.39	-11.65	-12.99	-15.35	-19.93	-33.07	-22.19	-17.56	-16.48	-14.89	-13.45
θ (165°)	-20.05	-29.26	-23.42	-18.72	-17.54	-19.68	-25.03	-23.66	-20.94	-22.41	-27.06	-20.39	-15.90	-13.98	-13.74	-14.76	-16.58	-17.93	-19.57	-23.50	-40.47	-22.69	-18.25	-17.51	-20.05
θ (180°)	-17.29	-16.92	-16.82	-17.04	-18.02	-19.60	-22.23	-28.21	-47.21	-27.66	-23.16	-21.16	-20.15	-20.32	-20.99	-22.64	-26.26	-34.36	-41.48	-36.99	-30.16	-24.45	-20.57	-18.84	-17.29

Ant.	No.4																								
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°)	-23.76	-16.77	-8.39	-4.54	-2.29	-0.92	-0.27	-0.16	-0.75	-2.22	-4.86	-9.35	-20.61	-15.56	-7.72	-4.03	-1.82	-0.52	0.06	-0.08	-0.83	-2.24	-4.59	-8.76	-23.76
θ (15°)	-12.37	-24.41	-11.50	-6.59	-4.23	-3.11	-2.77	-2.96	-3.84	-5.69	-9.41	-19.12	-16.98	-8.06	-3.96	-1.49	0.13	1.20	1.69	1.62	0.91	-0.49	-2.65	-5.29	-12.37
θ (30°)	-6.88	-11.87	-22.14	-14.28	-9.25	-6.80	-5.75	-5.86	-7.09	-9.84	-16.18	-21.23	-9.99	-4.79	-1.60	0.51	1.93	2.83	3.24	3.20	2.66	1.58	-0.03	-2.25	-6.88
θ (45°)	-4.03	-7.35	-12.38	-16.29	-14.26	-12.29	-11.27	-11.53	-13.55	-18.17	-18.05	-11.15	-6.60	-3.09	-0.42	1.38	2.55	3.31	[3.66]	3.59	3.13	2.25	0.82	-0.87	-4.03
θ (60°)	-3.17	-4.97	-7.95	-12.24	-16.34	-18.34	-18.86	-19.76	-19.77	-16.57	-11.67	-7.69	-4.84	-2.34	-0.38	1.19	2.18	2.63	2.81	2.80	2.47	1.99	1.16	-0.42	-3.17
θ (75°)	-2.53	-4.87	-7.73	-11.51	-16.99	-20.79	-21.89	-21.06	-17.57	-12.44	-8.16	-5.35	-3.37	-1.95	-0.59	0.64	1.22	1.27	1.18	1.24	1.20	0.75	0.01	-0.90	-2.53
θ (90°)	-3.42	-4.62	-6.94	-9.57	-13.60	-19.70	-27.07	-25.54	-17.09	-10.29	-7.10	-5.51	-3.94	-2.91	-1.67	-1.01	-1.07	-1.20	-1.07	-0.85	-0.64	-0.91	-1.73	-2.60	-3.42
θ (105°)	-4.30	-5.23	-7.85	-11.75	-16.53	-19.37	-17.71	-15.21	-12.16	-8.66	-6.59	-5.25	-4.19	-3.81	-3.24	-2.57	-2.77	-3.42	-3.78	-3.65	-3.33	-3.24	-3.49	-3.71	-4.30
θ (120°)	-6.95	-7.06	-7.63	-10.14	-14.64	-17.34	-15.93	-15.31	-14.27	-10.44	-7.40	-6.22	-5.88	-5.54	-5.37	-5.33	-5.81	-6.83	-7.57	-7.47	-7.30	-7.69	-8.05	-7.20	-6.95
θ (135°)	-9.09	-8.69	-9.33	-11.96	-14.51	-14.62	-14.68	-16.08	-15.11	-10.62	-7.97	-7.76	-8.39	-8.45	-8.95	-9.53	-9.67	-9.53	-9.19	-9.04	-9.10	-9.40	-9.35	-9.18	-9.09
θ (150°)	-14.33	-12.37	-12.04	-15.00	-19.68	-17.15	-15.26	-16.44	-17.71	-12.66	-9.21	-8.95	-10.88	-12.97	-13.93	-14.68	-15.51	-16.10	-16.35	-17.01	-18.08	-19.33	-19.41	-18.13	-14.33
θ (165°)	-20.58	-19.05	-19.76	-21.43	-18.72	-16.74	-16.97	-18.88	-20.14	-16.29	-13.49	-12.63	-13.75	-16.36	-20.29	-22.65	-20.03	-17.18	-15.18	-15.05	-16.24	-18.16	-19.99	-21.33	-20.58
θ (180°)	-23.57	-28.67	-36.63	-28.42	-23.69	-20.77	-18.98	-18.44	-18.71	-19.23	-20.38	-22.60	-27.19	-37.85	-35.28	-27.93	-24.46	-21.59	-18.65	-16.89	-16.31	-16.51	-17.33	-18.87	-23.57
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°)	-0.46	-0.73	-1.55	-3.00	-5.43	-10.18	-23.45	-12.31	-6.49	-3.39	-1.47	-0.35	[0.08]	-0.12	-0.93	-2.46	-5.23	-10.33	-25.69	-13.63	-7.25	-3.91	-1.89	-0.82	-0.46
θ (15°)	-0.33	-0.67	-1.70	-3.61	-6.68	-12.37	-24.48	-12.22	-6.44	-3.30	-1.50	-0.51	-0.14	-0.38	-1.30	-3.15	-6.25	-11.70	-34.54	-12.59	-6.33	-3.23	-1.56	-0.73	-0.33
θ (30°)	-0.45	-0.86	-2.11	-4.19	-7.23	-12.26	-28.91	-14.54	-8.11	-4.79	-2.51	-0.89	-0.11	-0.16	-0.84	-2.29	-5.00	-10.13	-26.90	-12.76	-6.30	-3.16	-1.56	-0.72	-0.45
θ (45°)	-0.42	-1.17	-2.74	-5.47	-9.72	-17.04	-21.53	-13.01	-7.93	-4.33	-2.35	-1.54	-0.86	-0.55	-1.26	-2.75	-5.49	-10.49	-25.71	-13.41	-6.28	-3.05	-1.57	-0.76	-0.42
θ (60°)	-1.32	-1.74	-3.02	-5.25	-9.00	-15.31	-23.77	-17.05	-12.11	-8.00	-4.72	-2.92	-1.79	-1.48	-2.25	-3.39	-5.44	-10.11	-22.69	-15.62	-8.08	-4.20	-2.10	-1.50	-1.32
θ (75°)	-2.95	-3.60	-5.47	-8.81	-13.19	-18.60	-26.14	-18.19	-12.10	-8.75	-6.54	-4.36	-3.60	-2.90	-2.92	-4.55	-7.48	-11.96	-23.87	-17.50	-9.85	-6.02	-3.58	-2.75	-2.95
θ (90°)	-4.24	-4.30	-5.56	-7.89	-11.87	-18.59	-29.79	-22.84	-15.94	-11.49	-8.14	-5.29	-4.73	-3.95	-3.56	-5.02	-8.30	-13.10	-22.66	-20.22	-11.03	-6.89	-5.23	-4.48	-4.24
θ (105°)	-7.07	-7.79	-9.99	-13.36	-16.02	-19.10	-25.03	-20.32	-13.05	-11.67	-9.25	-5.61	-5.54	-4.87	-5.28	-6.80	-9.11	-13.83	-24.70	-20.15	-12.71	-9.40	-7.55	-6.50	-7.07
θ (120°)	-9.82	-11.00	-14.06	-17.41	-17.92	-17.90	-22.04	-42.08	-20.90	-20.12	-16.51	-11.40	-9.72	-7.69	-7.29	-8.44	-10.16	-14.25	-22.74	-21.45	-16.00	-11.88	-9.72	-9.48	-9.82
θ (135°)	-12.39	-12.11	-16.04	-37.82	-18.80	-18.86	-28.33	-23.71	-20.99	-27.91	-18.80	-11.58	-10.25	-11.02	-9.86	-9.00	-10.32	-13.45	-19.66	-26.64	-19.83	-16.10	-12.09	-11.27	-12.39
θ (150°)	-14.87	-16.18	-21.28	-17.03	-14.60	-17.38	-32.31	-19.55	-15.10	-16.84	-27.38	-16.55	-12.72	-11.76	-11.30	-10.88	-11.76	-14.33	-19.57	-34.05	-22.81	-18.25	-17.62	-16.95	-14.87
θ (165°)	-19.45	-24.64	-22.55	-18.13	-17.72	-19.56	-23.53	-22.77	-20.67	-23.10	-26.80	-19.23	-15.08	-13.48	-13.32	-13.75	-14.86	-17.44	-21.59	-27.97	-34.16	-24.80	-19.89	-18.46	-19.45
θ (180°)	-16.92	-16.46	-16.56	-17.31	-18.09	-19.54	-22.08	-26.05	-34.21	-29.21	-23.05	-20.47	-19.56	-19.27	-19.96	-21.54	-22.97	-24.40	-29.52	-36.33	-31.65	-26.92	-22.54	-19.32	-16.92

Ant.	No.4																								
Freq. (MHz)	5725																								
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°)	-27.62	-15.87	-8.01	-4.35	-2.22	-0.96	-0.41	-0.50	-1.19	-2.57	-5.02	-9.44	-21.36	-15.29	-7.59	-4.06	-1.96	-0.80	-0.23	-0.22	-0.83	-2.23	-4.68	-9.09	-27.62
θ (15°)	-12.54	-38.16	-12.85	-7.86	-5.18	-3.70	-3.04	-3.28	-4.41	-6.34	-9.85	-18.16	-18.93	-8.75	-4.21	-1.48	0.18	1.13	1.64	1.60	0.93	-0.40	-2.61	-5.29	-12.54
θ (30°)	-7.58	-12.96	-22.90	-14.75	-10.30	-8.30	-7.33	-7.08	-7.70	-9.90	-15.24	-22.69	-11.26	-5.44	-1.85	0.44	1.84	2.65	3.09	3.12	2.58	1.42	-0.27	-2.67	-7.58
θ (45°)	-4.81	-9.25	-14.49	-15.63	-12.62	-11.57	-11.57	-12.53	-14.39	-18.26	-18.93	-12.35	-7.31	-3.16	-0.25	1.61	2.70	3.24	[3.47]	3.44	3.06	2.23	0.81	-0.87	-4.81
θ (60°)	-3.72	-5.72	-8.68	-13.17	-17.06	-17.30	-18.29	-20.18	-20.91	-16.94	-12.24	-8.33	-4.97	-2.29	-0.28	1.16	2.10	2.58	2.74	2.66	2.30	1.65	0.75	-0.67	-3.72
θ (75°)	-2.62	-5.06	-8.10	-12.24	-17.76	-20.95	-22.57	-22.84	-18.14	-12.51	-8.75	-6.31	-4.25	-2.24	-0.48	0.57	0.90	1.05	1.15	1.02	0.93	0.71	0.02	-0.79	-2.62
θ (90°)	-3.83	-5.15	-7.05	-9.13	-12.92	-19.02	-25.88	-22.26	-14.89	-9.97	-7.56	-5.86	-4.01	-2.66	-1.47	-0.88	-0.94	-1.18	-1.25	-1.22	-1.07	-1.09	-1.63	-2.36	-3.83
θ (105°)	-4.84	-5.55	-7.85	-11.02	-15.01	-19.05	-20.33	-17.20	-12.49	-8.80	-6.78	-5.56	-4.48	-3.97	-3.56	-3.28	-3.56	-3.83	-3.88	-3.67	-3.47	-3.60	-3.82	-4.16	-4.84
θ (120°)	-7.58	-7.62	-7.47	-9.44	-13.79	-18.02	-17.75	-16.48	-14.21	-10.64	-8.13	-7.04	-6.55	-6.14	-5.71	-5.46	-5.96	-6.80	-7.28	-7.42	-7.45	-7.64	-7.98	-7.69	-7.58
θ (135°)	-9.75	-9.37	-9.68	-12.24	-14.84	-14.42	-13.85	-15.93	-14.60	-9.60	-7.41	-7.55	-8.15	-8.36	-9.02	-9.94	-10.30	-10.12	-9.69	-9.53	-9.59	-10.12	-10.22	-9.86	-9.75
θ (150°)	-14.31	-12.17	-11.58	-14.59	-23.18	-19.85	-16.38	-17.32	-17.81	-12.26	-9.16	-9.45	-11.66	-13.67	-14.19	-14.73	-15.45	-16.66	-18.28	-19.36	-19.25	-19.19	-18.45	-17.38	-14.31
θ (165°)	-18.84	-17.57	-19.18	-24.11	-23.46	-19.14	-17.76	-20.52	-20.59	-15.25	-12.68	-12.50	-14.18	-17.53	-22.18	-24.75	-22.09	-19.00	-16.82	-15.93	-16.08	-17.49	-19.74	-21.34	-18.84
θ (180°)	-25.10	-29.14	-36.61	-34.86	-27.11	-23.04	-21.52	-20.64	-19.68	-19.98	-21.53	-24.77	-31.57	-46.13	-30.81	-27.06	-25.14	-23.79	-21.51	-19.07	-18.02	-17.93	-18.71	-20.15	-25.10
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°)	-0.46	-0.52	-1.16	-2.71	-5.60	-10.80	-25.37	-14.11	-7.22	-3.80	-1.77	-0.68	-0.29	-0.49	-1.31	-2.77	-5.18	-9.43	-21.29	-14.45	-7.18	-3.82	-1.90	-0.84	-0.46
θ (15°)	-0.32	-0.89	-2.16	-4.22	-7.16	-12.88	-24.66	-11.86	-6.58	-3.64	-1.80	-0.68	[-0.23]	-0.39	-1.14	-2.58	-5.24	-10.33	-27.25	-12.54	-6.35	-3.18	-1.37	-0.56	-0.32
θ (30°)	-0.75	-1.22	-2.39	-4.36	-7.11	-11.56	-24.14	-16.55	-9.47	-5.96	-3.43	-1.57	-0.42	-0.26	-0.98	-2.40	-4.74	-9.08	-21.26	-14.73	-7.09	-3.34	-1.43	-0.70	-0.75
θ (45°)	-0.91	-2.01	-3.39	-5.60	-9.63	-17.57	-23.51	-13.39	-8.30	-5.33	-3.68	-2.12	-0.73	-0.43	-1.20	-2.61	-4.69	-9.06	-21.56	-13.87	-6.56	-3.14	-1.67	-1.03	-0.91
θ (60°)	-1.65	-2.27	-3.56	-5.63	-8.99	-15.12	-28.20	-17.86	-11.72	-7.89	-5.58	-4.20	-2.56	-1.82	-2.12	-3.12	-5.49	-9.68	-18.85	-17.35	-8.76	-5.10	-2.73	-1.44	-1.65
θ (75°)	-3.21	-4.36	-5.98	-8.22	-11.96	-17.33	-27.48	-20.09	-12.65	-9.53	-7.10	-4.57	-3.56	-2.69	-3.07	-4.76	-7.98	-12.93	-22.29	-20.18	-11.51	-6.88	-4.24	-3.16	-3.21
θ (90°)	-4.29	-5.10	-6.61	-8.69	-13.13	-19.33	-28.10	-36.60	-19.45	-13.11	-9.63	-6.29	-4.70	-3.40	-3.79	-5.65	-7.88	-11.74	-20.04	-21.59	-13.08	-7.91	-5.19	-4.14	-4.29
θ (105°)	-6.85	-8.33	-10.42	-14.21	-16.18	-17.15	-22.28	-22.77	-13.49	-12.71	-10.25	-6.79	-5.96	-4.56	-5.22	-6.67	-8.57	-12.06	-19.04	-23.78	-14.20	-10.50	-8.22	-6.52	-6.85
θ (120°)	-9.12	-10.73	-14.26	-18.95	-17.26	-18.01	-23.46	-37.09	-21.57	-20.38	-16.25	-11.56	-9.82	-8.31	-7.87	-8.54	-10.40	-14.97	-24.91	-25.37	-17.06	-12.97	-9.88	-8.48	-9.12
θ (135°)	-12.10	-12.21	-16.65	-31.47	-18.82	-20.69	-30.96	-22.69	-21.00	-30.83	-18.07	-11.62	-10.73	-11.02	-9.59	-9.15	-11.25	-15.51	-23.67	-24.62	-20.11	-16.86	-12.08	-10.95	-12.10
θ (150°)	-15.00	-16.15	-22.39	-18.91	-15.72	-17.94	-29.42	-19.38	-14.82	-15.96	-19.88	-14.76	-12.18	-11.61	-10.87	-10.30	-10.84	-12.69	-16.96	-29.90	-22.43	-17.44	-16.84	-16.59	-15.00
θ (165°)	-18.40	-25.38	-22.34	-17.41	-17.47	-22.40	-28.83	-22.34	-20.36	-22.12	-23.13	-17.65	-14.55	-13.72	-14.06	-15.31	-16.46	-17.51	-19.42	-23.93	-37.20	-23.28	-17.97	-16.74	-18.40
θ (180°)	-17.56	-16.96	-17.48	-18.60	-20.32	-21.08	-22.21	-26.69	-41.51	-26.74	-22.97	-20.70	-19.97	-20.40	-21.91	-23.98	-25.34	-27.53	-30.99	-40.23	-35.30	-26.46	-22.37	-19.42	-17.56

Ant.	No.4																								
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°)	-24.48	-16.74	-8.17	-4.28	-2.07	-0.85	-0.39	-0.41	-0.92	-2.19	-4.62	-9.13	-21.42	-14.92	-7.29	-3.81	-1.62	-0.38	0.16	-0.01	-0.76	-2.13	-4.49	-8.70	-24.48
θ (15°)	-13.26	-28.35	-11.86	-7.07	-4.54	-3.32	-3.00	-3.26	-4.21	-6.05	-9.31	-17.09	-19.59	-8.73	-4.08	-1.29	0.50	1.53	1.89	1.73	1.09	-0.23	-2.43	-5.26	-13.26
θ (30°)	-7.74	-13.22	-23.19	-14.68	-10.47	-8.01	-7.03	-7.07	-8.31	-11.05	-16.32	-23.52	-11.27	-5.37	-1.85	0.35	1.75	2.60	3.03	3.04	2.59	1.58	-0.20	-2.82	-7.74
θ (45°)	-4.81	-9.02	-13.99	-15.83	-13.09	-11.94	-12.18	-12.78	-13.78	-17.23	-19.98	-13.57	-7.58	-2.98	-0.08	1.64	2.61	3.16	[3.36]	3.35	3.06	2.18	0.68	-1.00	-4.81
θ (60°)	-3.68	-6.12	-9.11	-13.01	-16.27	-17.33	-18.97	-20.43	-20.07	-16.26	-11.99	-8.12	-4.90	-2.38	-0.29	1.15	1.91	2.22	2.42	2.62	2.56	1.90	0.74	-0.70	-3.68
θ (75°)	-2.84	-5.49	-8.47	-12.14	-16.51	-19.87	-22.61	-21.88	-17.34	-12.37	-9.05	-6.57	-4.07	-2.09	-0.49	0.56	1.06	1.29	1.54	1.63	1.30	0.72	-0.01	-0.87	-2.84
θ (90°)	-3.63	-5.09	-7.28	-9.20	-12.46	-17.35	-23.96	-22.90	-15.30	-10.01	-7.72	-6.23	-4.02	-2.47	-1.17	-0.47	-0.53	-0.70	-0.78	-0.88	-0.93	-1.02	-1.63	-2.39	-3.63
θ (105°)	-4.79	-5.64	-7.95	-11.08	-14.87	-19.11	-19.82	-16.56	-11.98	-8.35	-6.56	-5.27	-4.04	-3.88	-3.49	-2.82	-2.98	-3.41	-3.71	-3.58	-3.33	-3.56	-3.79	-3.93	-4.79
θ (120°)	-6.96	-7.28	-7.32	-9.50	-14.13	-17.64	-17.53	-17.01	-14.67	-11.08	-8.35	-6.94	-6.28	-5.83	-5.47	-5.56	-6.29	-7.09	-7.29	-7.10	-7.12	-7.44	-7.74	-7.12	-6.96
θ (135°)	-9.37	-9.09	-9.28	-11.68	-14.37	-14.45	-15.14	-16.93	-13.81	-9.49	-7.57	-7.54	-7.66	-7.84	-8.75	-9.60	-9.90	-9.63	-9.27	-9.32	-9.38	-9.63	-9.61	-9.50	-9.37
θ (150°)	-13.61	-11.77	-11.36	-14.46	-22.92	-22.71	-17.69	-18.23	-18.43	-11.70	-8.74	-9.20	-11.70	-13.83	-14.63	-15.39	-15.98	-16.19	-17.02	-18.41	-19.73	-19.87	-18.04	-16.38	-13.61
θ (165°)	-17.35	-16.79	-18.25	-22.02	-23.68	-20.71	-20.09	-22.62	-19.90	-14.32	-11.97	-11.79	-13.34	-16.55	-20.86	-23.21	-21.59	-18.78	-17.02	-15.94	-15.66	-16.42	-18.29	-19.06	-17.35
θ (180°)	-23.89	-27.35	-38.07	-34.07	-26.72	-23.58	-22.20	-21.95	-22.14	-22.14	-23.17	-25.85	-30.84	-47.70	-32.33	-27.61	-26.13	-23.85	-21.78	-19.68	-18.46	-18.24	-18.83	-19.93	-23.89
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°)	-0.05	-0.24	-1.11	-2.74	-5.57	-10.31	-23.61	-14.41	-7.20	-3.57	-1.51	-0.37	[0.08]	-0.06	-0.79	-2.30	-5.05	-9.97	-22.29	-14.62	-7.47	-3.71	-1.61	-0.46	-0.05
θ (15°)	-0.18	-0.66	-1.77	-3.92	-7.55	-14.35	-25.31	-12.10	-6.77	-3.59	-1.68	-0.57	-0.09	-0.15	-0.87	-2.38	-5.25	-10.62	-31.50	-12.25	-6.16	-2.99	-1.21	-0.42	-0.18
θ (30°)	-0.28	-0.71	-2.00	-4.12	-7.17	-11.95	-24.35	-17.63	-10.05	-6.09	-3.26	-1.24	-0.23	-0.17	-0.76	-1.99	-4.40	-8.95	-20.58	-15.40	-7.08	-3.31	-1.41	-0.55	-0.28
θ (45°)	-0.81	-2.00	-3.86	-6.06	-9.60	-16.80	-27.30	-13.39	-8.25	-5.42	-3.55	-1.83	-0.53	-0.47	-1.20	-2.33	-4.63	-9.25	-20.73	-14.55	-7.10	-3.39	-1.52	-0.91	-0.81
θ (60°)	-1.49	-2.35	-3.81	-5.74	-9.34	-15.64	-27.62	-17.62	-11.63	-8.03	-5.89	-4.08	-2.18	-1.50	-1.92	-3.14	-5.33	-9.41	-18.26	-20.09	-9.23	-4.81	-2.69	-1.44	-1.49
θ (75°)	-3.21	-4.20	-6.22	-8.76	-11.98	-16.81	-24.85	-21.47	-13.43	-10.30	-7.14	-4.49	-3.33	-2.30	-2.90	-4.98	-7.98	-11.62	-19.43	-19.83	-11.19	-7.30	-4.43	-3.24	-3.21
θ (90°)	-4.23	-5.42	-7.32	-9.07	-13.27	-20.51	-29.56	-41.93	-19.34	-12.69	-9.09	-5.75	-4.45	-3.41	-3.98	-5.37	-7.37	-11.37	-18.08	-22.77	-13.95	-8.83	-5.84	-4.46	-4.23
θ (105°)	-6.93	-8.09	-9.85	-13.85	-16.88	-17.92	-21.85	-21.51	-14.38	-14.67	-10.65	-6.50	-5.50	-4.45	-5.25	-6.27	-7.95	-12.23	-20.23	-25.73	-15.45	-11.33	-8.99	-7.13	-6.93
θ (120°)	-8.79	-9.81	-12.85	-19.58	-18.48	-17.10	-21.26	-35.46	-20.21	-21.06	-17.71	-11.47	-9.33	-7.77	-7.28	-8.39	-10.64	-14.78	-24.69	-26.28	-17.83	-14.39	-11.40	-9.21	-8.79
θ (135°)	-12.36	-12.50	-17.22	-27.93	-16.99	-18.63	-23.98	-20.56	-20.04	-28.41	-18.24	-11.93	-10.84	-10.69	-9.33	-9.35	-12.00	-16.75	-26.32	-23.69	-18.83	-17.25	-12.75	-11.15	-12.36
θ (150°)	-15.65	-17.32	-24.12	-16.93	-14.15	-17.56	-37.30	-17.48	-14.46	-17.16	-21.74	-14.51	-12.45	-12.08	-10.68	-9.72	-10.47	-12.90	-17.54	-28.52	-24.29	-17.53	-16.67	-17.08	-15.65
θ (165°)	-20.13	-24.69	-21.67	-18.32	-18.49	-21.38	-24.17	-21.88	-20.44	-22.94	-24.40	-18.18	-14.82	-13.78	-14.19	-14.63	-15.17	-16.97	-21.67	-29.21	-30.38	-24.14	-19.68	-18.30	-20.13
θ (180°)	-18.25	-17.68	-18.04	-19.44	-20.43	-21.12	-22.39	-26.54	-33.91	-30.35	-25.03	-22.66	-21.60	-21.70	-22.49	-25.17	-29.07	-30.39	-28.36	-31.20	-44.19	-27.63	-23.18	-20.44	-18.25

Ant.	No.4																								
Freq. (MHz)	5850																								
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°)	-23.13	-17.52	-8.46	-4.50	-2.15	-0.80	-0.16	-0.07	-0.64	-2.09	-4.60	-8.93	-19.99	-15.46	-7.35	-3.68	-1.50	-0.32	0.17	0.09	-0.63	-2.08	-4.44	-8.53	-23.13
θ (15°)	-13.30	-24.81	-11.00	-6.38	-4.15	-3.24	-3.00	-3.07	-3.62	-5.10	-8.21	-15.19	-18.78	-8.83	-4.19	-1.37	0.40	1.44	1.86	1.64	0.88	-0.41	-2.50	-5.24	-13.30
θ (30°)	-7.93	-13.53	-24.12	-13.57	-9.61	-7.83	-7.31	-7.61	-8.67	-10.99	-16.05	-25.93	-12.12	-5.84	-2.29	-0.07	1.40	2.22	2.56	2.61	2.30	1.40	-0.27	-2.86	-7.93
θ (45°)	-4.79	-9.07	-14.21	-17.00	-14.60	-12.52	-11.73	-12.17	-14.17	-18.21	-20.38	-13.70	-7.04	-2.65	-0.04	1.58	2.58	3.09	[3.22]	3.12	2.80	2.07	0.64	-1.14	-4.79
θ (60°)	-3.73	-6.34	-9.68	-13.26	-16.58	-18.05	-19.26	-20.91	-21.10	-17.10	-12.36	-8.11	-5.09	-2.51	-0.31	1.04	1.67	2.04	2.26	2.39	2.38	1.96	0.86	-0.73	-3.73
θ (75°)	-3.01	-5.51	-8.77	-12.29	-16.06	-21.01	-24.82	-22.11	-15.78	-11.28	-9.04	-6.97	-4.59	-2.63	-0.70	0.62	1.05	1.06	1.22	1.53	1.64	1.10	-0.16	-1.38	-3.01
θ (90°)	-3.73	-5.33	-7.71	-9.67	-12.36	-17.04	-22.13	-20.92	-15.06	-10.44	-8.44	-6.47	-4.04	-2.52	-1.14	-0.47	-0.33	-0.24	-0.19	-0.38	-0.77	-1.03	-1.56	-2.47	-3.73
θ (105°)	-4.68	-5.64	-8.32	-11.79	-15.15	-18.95	-19.51	-16.18	-11.84	-8.47	-6.91	-5.40	-4.09	-3.84	-3.01	-2.29	-2.44	-2.74	-3.00	-3.12	-2.97	-3.16	-3.41	-3.66	-4.68
θ (120°)	-7.00	-7.23	-7.18	-9.29	-14.47	-18.86	-17.53	-16.35	-14.00	-10.88	-8.23	-6.57	-5.95	-5.44	-5.09	-5.04	-5.57	-6.37	-6.79	-6.69	-6.28	-6.44	-7.15	-7.09	-7.00
θ (135°)	-9.06	-9.05	-9.28	-11.87	-15.01	-14.68	-14.99	-16.34	-13.22	-9.03	-7.15	-6.97	-7.15	-7.36	-8.12	-9.04	-9.70	-9.75	-9.33	-9.09	-9.25	-9.47	-9.45	-9.12	-9.06
θ (150°)	-13.67	-11.62	-10.97	-13.35	-20.36	-21.86	-17.93	-19.34	-17.80	-11.46	-8.84	-9.56	-12.29	-14.15	-14.59	-15.38	-15.91	-16.10	-16.61	-18.03	-19.65	-19.80	-18.45	-16.69	-13.67
θ (165°)	-18.02	-16.58	-17.30	-21.15	-22.39	-19.14	-19.57	-22.27	-19.24	-14.51	-12.17	-12.14	-13.85	-17.10	-21.92	-24.33	-22.69	-19.44	-17.35	-15.92	-15.76	-16.90	-18.47	-19.55	-18.02
θ (180°)	-22.58	-26.52	-35.00	-38.63	-30.78	-26.42	-23.92	-21.56	-21.26	-22.81	-24.95	-27.83	-32.77	-46.99	-35.28	-28.97	-26.20	-24.32	-22.83	-20.88	-18.98	-17.96	-17.74	-18.44	-22.58
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°)	-0.20	-0.49	-1.36	-2.92	-5.46	-9.75	-21.07	-13.54	-6.64	-3.29	-1.35	-0.30	[0.13]	-0.01	-0.78	-2.36	-5.12	-9.77	-21.23	-14.85	-7.58	-3.91	-1.78	-0.63	-0.20
θ (15°)	-0.30	-0.91	-2.19	-4.26	-7.63	-14.34	-29.01	-12.04	-6.65	-3.57	-1.65	-0.50	-0.03	-0.27	-1.11	-2.77	-5.51	-10.26	-25.65	-12.37	-5.76	-2.77	-1.19	-0.49	-0.30
θ (30°)	-0.52	-0.87	-1.99	-4.19	-7.45	-12.33	-24.00	-17.30	-10.02	-5.92	-3.03	-1.22	-0.39	-0.43	-1.22	-2.70	-5.29	-9.56	-20.77	-14.88	-7.08	-3.44	-1.32	-0.48	-0.52
θ (45°)	-0.68	-1.45	-3.30	-5.80	-9.13	-16.04	-25.50	-13.51	-8.90	-5.94	-3.65	-1.74	-0.63	-0.73	-1.53	-2.86	-5.63	-10.40	-20.35	-18.04	-8.09	-3.54	-1.60	-1.07	-0.68
θ (60°)	-1.38	-2.33	-4.10	-6.11	-9.34	-14.80	-28.01	-18.39	-11.82	-8.03	-5.52	-3.47	-2.09	-1.86	-2.42	-3.50	-6.03	-10.63	-20.69	-19.00	-9.86	-5.22	-2.79	-1.45	-1.38
θ (75°)	-3.32	-4.18	-6.26	-9.25	-12.53	-16.03	-21.00	-21.50	-15.00	-11.56	-7.33	-4.40	-3.19	-2.68	-3.77	-5.49	-7.91	-12.40	-22.83	-19.68	-11.37	-7.18	-4.43	-3.39	-3.32
θ (90°)	-4.66	-5.58	-7.95	-10.79	-15.27	-19.66	-22.97	-36.97	-19.52	-12.88	-9.33	-5.88	-4.90	-3.85	-4.38	-5.95	-8.16	-12.10	-20.27	-24.01	-14.77	-9.88	-6.43	-5.07	-4.66
θ (105°)	-6.74	-8.32	-10.11	-14.22	-17.71	-19.55	-25.21	-21.23	-15.24	-15.60	-9.74	-6.37	-5.94	-5.07	-5.62	-6.26	-8.28	-12.65	-20.58	-29.33	-16.68	-11.51	-9.59	-7.74	-6.74
θ (120°)	-9.81	-10.79	-12.74	-18.83	-20.83	-19.83	-24.29	-36.90	-23.17	-26.17	-16.98	-10.96	-9.16	-7.96	-7.70	-8.90	-11.11	-15.31	-24.26	-26.46	-17.51	-13.90	-11.81	-10.05	-9.81
θ (135°)	-13.80	-12.75	-16.83	-28.76	-17.45	-18.83	-24.47	-20.85	-20.81	-31.12	-19.78	-12.76	-11.09	-10.64	-9.58	-9.57	-11.51	-14.93	-22.18	-24.51	-16.78	-15.41	-13.51	-12.57	-13.80
θ (150°)	-16.14	-17.07	-21.75	-18.22	-16.16	-18.39	-33.13	-19.23	-14.49	-16.56	-22.18	-15.50	-13.14	-12.09	-10.18	-9.42	-10.56	-13.08	-17.01	-24.82	-23.33	-18.32	-17.65	-18.18	-16.14
θ (165°)	-18.48	-23.47	-23.26	-18.33	-17.14	-19.36	-26.46	-22.48	-19.22	-21.76	-24.48	-18.66	-15.57	-14.62	-14.53	-14.70	-15.55	-17.45	-20.18	-24.08	-35.11	-26.64	-19.40	-17.42	-18.48
θ (180°)	-20.13	-19.84	-19.44	-18.80	-19.22	-21.36	-24.87	-27.50	-31.70	-45.68	-28.16	-24.00	-22.61	-22.74	-23.64	-24.70	-24.72	-26.46	-34.05	-55.60	-44.45	-33.44	-26.47	-22.42	-20.13

Ant.	No.5																								
Freq. (MHz)	5150																								
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°)	-13.10	-13.32	-12.56	-11.30	-9.72	-8.29	-7.31	-7.03	-7.42	-8.57	-10.21	-12.14	-14.51	-15.78	-14.52	-11.99	-9.71	-8.08	-7.43	-7.15	-7.08	-7.57	-8.79	-10.58	-13.10
θ (15°)	-7.94	-8.92	-9.18	-8.73	-8.25	-8.10	-8.25	-8.24	-8.57	-9.95	-12.96	-17.80	-19.82	-15.58	-11.92	-9.24	-7.15	-5.85	-5.16	-4.80	-4.87	-5.36	-6.14	-6.96	-7.94
θ (30°)	-8.31	-10.96	-12.85	-12.39	-10.64	-9.34	-9.04	-9.26	-10.11	-11.86	-13.76	-14.16	-13.26	-12.25	-11.37	-10.39	-9.04	-8.01	-7.83	-8.09	-8.06	-6.73	-5.53	-5.79	-8.31
θ (45°)	-6.20	-7.56	-7.52	-7.44	-7.97	-8.14	-8.48	-8.85	-10.44	-12.15	-12.34	-11.20	-9.83	-8.15	-6.81	-6.20	-5.51	-4.80	-4.32	-4.49	-5.42	-6.32	-6.10	-5.86	-6.20
θ (60°)	-3.89	-4.48	-5.32	-7.75	-9.98	-10.83	-11.37	-13.56	-14.04	-9.54	-6.60	-6.10	-5.08	-4.05	-4.24	-3.56	-1.86	-0.33	0.27	0.05	-0.40	-0.57	-1.14	-2.20	-3.89
θ (75°)	-1.37	-3.48	-6.01	-6.95	-10.63	-12.22	-10.86	-11.44	-10.08	-8.40	-8.66	-7.57	-5.19	-2.62	-0.69	0.71	1.54	[1.86]	1.65	1.17	0.83	0.41	-0.37	-0.95	-1.37
θ (90°)	-2.24	-2.81	-4.10	-7.82	-17.34	-21.69	-14.16	-20.03	-16.25	-9.17	-7.99	-4.71	-2.02	-1.00	0.41	1.02	0.96	0.73	0.44	0.31	0.36	0.54	0.69	0.01	-2.24
θ (105°)	-5.23	-7.82	-9.91	-11.50	-13.03	-14.67	-18.12	-14.26	-14.42	-11.27	-5.73	-5.78	-3.18	-0.07	1.32	1.53	1.35	1.15	0.79	0.07	-1.45	-2.34	-1.59	-2.26	-5.23
θ (120°)	-0.73	-0.98	-2.82	-4.99	-7.60	-10.68	-10.14	-12.89	-31.67	-10.50	-7.34	-7.98	-4.50	-2.16	-3.00	-3.89	-2.21	-0.49	0.67	1.16	0.89	0.18	-0.72	-1.30	-0.73
θ (135°)	-10.71	-38.88	-13.22	-10.89	-14.48	-17.65	-17.48	-16.50	-14.44	-12.53	-9.34	-5.16	-2.75	-2.32	-1.92	-0.95	-0.61	-0.74	-1.06	-1.67	-3.03	-5.37	-7.07	-7.60	-10.71
θ (150°)	-6.04	-4.76	-4.21	-5.50	-8.12	-11.53	-12.83	-11.90	-9.15	-6.07	-4.97	-6.74	-12.27	-15.66	-12.03	-13.97	-16.32	-14.68	-12.61	-12.06	-11.60	-10.50	-9.33	-7.92	-6.04
θ (165°)	-6.21	-7.02	-8.83	-11.09	-11.19	-10.82	-10.30	-9.29	-7.39	-6.02	-5.11	-4.97	-5.59	-6.30	-5.89	-4.81	-3.82	-3.28	-3.25	-3.77	-4.72	-5.78	-6.29	-6.24	-6.21
θ (180°)	-13.16	-11.54	-9.08	-7.27	-6.08	-5.19	-4.67	-4.60	-4.97	-5.81	-7.34	-9.65	-13.33	-18.03	-16.26	-11.05	-7.70	-5.94	-5.19	-5.12	-5.54	-6.60	-8.70	-11.21	-13.16
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°)	-7.56	-7.32	-7.60	-8.26	-9.24	-11.04	-15.59	-23.36	-17.02	-12.80	-10.32	-8.76	-7.86	-7.38	-7.38	-7.82	-9.00	-11.21	-14.32	-16.67	-14.94	-11.84	-9.54	-8.28	-7.56
θ (15°)	-7.36	-7.07	-7.79	-9.39	-12.24	-17.95	-28.18	-18.18	-12.81	-9.92	-8.69	-8.62	-9.05	-8.85	-8.34	-8.11	-8.90	-10.74	-14.08	-19.27	-20.06	-15.41	-11.74	-9.61	-7.36
θ (30°)	-7.72	-8.36	-7.44	-6.62	-7.48	-10.40	-14.78	-18.37	-16.69	-11.83	-8.02	-6.32	-6.92	-9.64	-11.46	-11.03	-11.50	-14.63	-22.02	-25.37	-18.68	-15.28	-11.40	-8.54	-7.72
θ (45°)	-11.78	-10.20	-10.07	-10.35	-11.27	-14.57	-22.08	-21.34	-14.79	-10.47	-7.78	-5.79	-5.06	-5.85	-7.76	-10.02	-11.76	-13.52	-16.69	-20.56	-21.46	-17.64	-15.10	-13.89	-11.78
θ (60°)	-11.61	-10.80	-7.19	-7.85	-12.42	-20.72	-21.45	-14.59	-10.77	-10.35	-12.48	-10.09	-10.57	-16.01	-13.61	-9.62	-8.43	-10.52	-16.15	-23.94	-19.60	-17.83	-14.02	-9.99	-11.61
θ (75°)	-9.14	-9.77	-11.09	-6.72	-6.23	-8.72	-16.24	-18.92	-10.51	-10.16	-10.31	-8.66	-8.44	-7.29	-4.77	-4.66	-7.23	-9.95	-11.03	-12.14	-12.92	-11.12	-9.66	-11.47	-9.14
θ (90°)	-10.94	-10.78	-12.38	-6.45	[-2.23]	-2.85	-7.03	-17.67	-15.99	-11.34	-15.67	-12.16	-12.72	-15.26	-13.92	-16.53	-9.89	-9.26	-11.87	-17.42	-23.84	-21.12	-11.68	-7.73	-10.94
θ (105°)	-10.89	-12.90	-12.69	-11.91	-16.26	-17.99	-19.13	-27.70	-12.09	-12.15	-21.50	-10.79	-11.28	-6.35	-5.00	-6.32	-10.69	-18.96	-16.85	-16.70	-16.38	-11.25	-12.74	-15.14	-10.89
θ (120°)	-13.45	-19.83	-16.38	-11.64	-7.70	-7.15	-11.26	-25.16	-10.38	-7.76	-10.42	-10.37	-8.07	-12.21	-10.02	-12.65	-25.16	-11.48	-9.03	-8.43	-9.26	-12.10	-15.79	-14.73	-13.45
θ (135°)	-13.97	-12.39	-7.28	-6.69	-11.50	-34.51	-11.95	-7.94	-6.48	-8.10	-14.80	-23.30	-28.05	-24.11	-22.95	-24.50	-16.87	-14.12	-14.55	-16.79	-15.25	-13.00	-10.95	-10.65	-13.97
θ (150°)	-6.62	-5.58	-4.61	-4.40	-5.02	-7.09	-10.74	-10.02	-5.50	-4.01	-5.70	-11.37	-15.31	-12.92	-17.27	-18.39	-13.37	-10.24	-8.21	-7.44	-7.56	-8.08	-8.49	-8.24	-6.62
θ (165°)	-7.18	-5.96	-5.36	-6.65	-10.02	-16.61	-16.01	-10.50	-7.98	-7.17	-8.04	-10.22	-12.68	-13.49	-13.77	-13.99	-12.96	-10.80	-8.29	-6.35	-5.39	-5.44	-6.23	-7.50	-7.18
θ (180°)	-3.92	-4.27	-5.58	-7.44	-9.79	-12.19	-13.12	-12.11	-10.27	-8.44	-6.78	-5.77	-5.27	-5.33	-5.45	-6.63	-8.51	-12.13	-20.66	-19.79	-10.53	-6.74	-4.93	-4.12	-3.92

Ant.	No.5																								
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°)	-12.14	-14.01	-15.23	-13.59	-10.71	-8.72	-7.63	-7.17	-7.26	-7.76	-8.82	-10.70	-13.39	-16.89	-18.29	-14.34	-10.68	-8.30	-7.14	-6.78	-6.77	-6.91	-7.75	-9.22	-12.14
θ (15°)	-6.80	-7.53	-8.14	-8.71	-8.88	-8.77	-8.32	-7.99	-8.64	-10.58	-13.95	-18.48	-19.97	-16.08	-12.21	-9.06	-6.86	-5.48	-4.72	-4.44	-4.28	-4.39	-5.09	-5.88	-6.80
θ (30°)	-6.98	-8.94	-11.16	-11.34	-10.31	-9.21	-8.74	-9.07	-10.57	-12.95	-14.86	-14.27	-12.45	-10.79	-9.69	-8.61	-7.47	-6.39	-5.81	-5.86	-6.67	-7.22	-6.30	-5.75	-6.98
θ (45°)	-5.85	-8.80	-10.32	-8.95	-8.24	-8.15	-8.82	-9.27	-10.76	-12.52	-12.16	-10.40	-9.06	-8.01	-7.01	-6.55	-6.44	-6.07	-5.08	-4.42	-5.16	-6.25	-5.63	-4.91	-5.85
θ (60°)	-4.74	-5.20	-6.06	-8.30	-10.92	-11.95	-12.20	-13.93	-12.76	-8.54	-6.36	-6.21	-5.44	-5.10	-5.50	-3.72	-2.07	-1.18	-0.66	-0.70	-1.23	-1.42	-1.65	-2.72	-4.74
θ (75°)	-1.87	-3.22	-5.74	-7.09	-11.69	-15.41	-13.67	-13.47	-10.77	-9.43	-9.95	-7.88	-5.53	-2.99	-1.11	0.09	0.77	1.09	1.22	1.02	0.56	0.13	-0.45	-1.57	-1.87
θ (90°)	-2.70	-3.08	-4.08	-7.57	-16.87	-22.73	-15.90	-24.18	-15.08	-9.33	-8.67	-4.88	-1.72	-0.61	0.84	[1.38]	1.30	1.12	0.73	0.34	0.21	0.18	0.14	-0.52	-2.70
θ (105°)	-5.47	-8.80	-10.26	-10.78	-11.58	-14.01	-17.07	-13.98	-14.62	-11.11	-7.01	-6.62	-2.54	0.23	1.35	0.91	0.41	0.51	0.40	-0.14	-1.30	-2.53	-2.24	-2.67	-5.47
θ (120°)	-0.54	-0.64	-2.12	-4.45	-7.99	-11.95	-10.05	-11.83	-32.49	-10.89	-7.89	-8.95	-4.30	-2.52	-4.09	-4.24	-2.34	-0.73	0.54	1.31	1.25	0.68	-0.11	-0.91	-0.54
θ (135°)	-9.33	-24.08	-15.07	-12.27	-15.39	-17.85	-17.42	-15.37	-13.06	-11.55	-8.40	-4.28	-2.17	-2.05	-1.70	-0.52	-0.05	-0.16	-0.60	-1.43	-2.72	-4.97	-7.14	-7.25	-9.33
θ (150°)	-6.98	-5.31	-4.65	-5.27	-7.62	-10.33	-11.55	-11.26	-9.13	-6.42	-5.79	-8.38	-16.44	-16.79	-14.24	-16.00	-14.92	-12.18	-10.92	-10.99	-11.48	-11.16	-10.42	-9.22	-6.98
θ (165°)	-5.90	-6.47	-8.35	-10.82	-11.31	-11.28	-11.13	-10.04	-7.96	-6.14	-5.23	-5.30	-6.20	-7.28	-7.17	-6.15	-5.15	-4.56	-4.33	-4.47	-5.21	-6.17	-6.51	-6.13	-5.90
θ (180°)	-13.55	-12.75	-10.60	-8.47	-7.00	-5.99	-5.23	-4.82	-4.99	-5.71	-6.97	-8.93	-12.41	-18.37	-17.90	-12.44	-8.64	-6.32	-5.19	-5.04	-5.62	-6.62	-8.26	-10.74	-13.55
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°)	-8.02	-7.57	-7.51	-7.98	-9.29	-12.04	-16.30	-19.91	-18.29	-14.58	-11.75	-9.61	-8.10	-7.19	-6.91	-7.34	-8.29	-9.73	-11.76	-14.47	-15.73	-13.87	-11.29	-9.21	-8.02
θ (15°)	-7.99	-8.07	-9.20	-11.25	-14.15	-19.30	-38.20	-20.21	-13.81	-10.76	-9.46	-9.01	-8.53	-7.71	-7.11	-7.22	-8.15	-10.06	-13.47	-18.65	-19.90	-15.40	-11.70	-9.37	-7.99
θ (30°)	-6.49	-7.90	-8.65	-7.72	-7.77	-9.46	-13.40	-21.94	-19.33	-12.02	-8.51	-7.02	-8.10	-10.48	-9.44	-8.26	-9.00	-12.17	-18.85	-20.70	-16.53	-13.51	-9.61	-6.78	-6.49
θ (45°)	-12.25	-10.21	-9.82	-9.77	-10.75	-14.29	-21.90	-28.23	-14.47	-9.77	-7.57	-5.59	-4.88	-6.04	-7.76	-9.16	-11.33	-15.28	-23.18	-30.48	-25.06	-27.07	-18.03	-15.04	-12.25
θ (60°)	-10.17	-10.90	-7.16	-7.68	-12.83	-25.57	-23.62	-16.24	-12.37	-10.71	-10.28	-8.56	-10.74	-13.12	-11.15	-9.67	-9.42	-11.45	-17.48	-21.30	-15.66	-15.90	-15.00	-9.26	-10.17
θ (75°)	-10.18	-9.63	-11.51	-7.13	-6.28	-8.36	-16.48	-18.41	-9.62	-9.53	-9.60	-8.77	-8.14	-5.77	-4.20	-4.74	-7.53	-9.82	-10.92	-12.42	-13.87	-12.20	-9.22	-10.30	-10.18
θ (90°)	-8.49	-7.82	-10.97	-6.18	[-1.87]	-2.51	-6.79	-16.80	-13.37	-10.14	-15.75	-9.52	-11.25	-13.60	-14.43	-14.75	-9.88	-11.09	-15.95	-27.76	-25.77	-20.98	-10.93	-6.41	-8.49
θ (105°)	-9.35	-11.62	-11.59	-9.34	-11.05	-13.27	-16.20	-22.46	-9.47	-10.15	-17.94	-9.65	-10.87	-5.82	-5.42	-7.36	-11.85	-17.90	-15.06	-14.29	-15.70	-11.57	-11.72	-14.27	-9.35
θ (120°)	-13.97	-18.84	-15.01	-9.23	-6.47	-6.74	-11.53	-33.35	-10.76	-8.04	-11.92	-11.02	-7.97	-10.88	-10.12	-15.32	-17.81	-10.15	-9.06	-9.15	-9.94	-12.14	-16.62	-17.92	-13.97
θ (135°)	-12.58	-14.59	-7.44	-6.76	-12.02	-21.35	-11.42	-7.11	-5.62	-7.23	-14.50	-23.25	-23.01	-19.80	-21.11	-29.40	-15.91	-13.79	-16.75	-31.32	-17.11	-13.78	-11.45	-10.01	-12.58
θ (150°)	-7.26	-5.88	-4.93	-4.77	-5.80	-8.43	-11.80	-9.12	-4.99	-3.78	-5.65	-11.38	-13.85	-11.43	-15.61	-22.41	-16.57	-11.96	-9.28	-8.12	-8.30	-8.98	-9.42	-9.26	-7.26
θ (165°)	-7.61	-6.30	-5.65	-6.64	-10.25	-19.02	-15.15	-9.96	-7.98	-7.51	-8.61	-11.35	-14.38	-14.46	-13.92	-14.26	-14.45	-12.45	-9.64	-7.48	-6.32	-6.14	-6.88	-8.00	-7.61
θ (180°)	-4.05	-4.38	-5.62	-7.55	-10.02	-12.98	-15.48	-14.41	-11.84	-9.57	-7.48	-6.03	-5.24	-5.00	-5.02	-5.98	-7.69	-10.94	-17.32	-26.94	-12.66	-7.96	-5.50	-4.38	-4.05

Ant.	No.5																								
Freq. (MHz)	5250																								
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	-15.81	-18.56	-14.97	-11.53	-9.35	-7.93	-7.24	-7.17	-7.66	-8.61	-10.48	-13.66	-19.78	-21.76	-15.38	-11.74	-9.49	-7.81	-6.70	-6.43	-6.88	-7.76	-9.22	-12.69
θ (15°)	-6.05	-7.37	-8.78	-9.73	-9.55	-8.98	-8.74	-9.05	-10.13	-12.34	-15.70	-20.18	-19.81	-15.14	-11.32	-8.62	-6.79	-5.35	-4.35	-4.03	-4.29	-4.55	-4.62	-4.82	-6.05
θ (30°)	-6.13	-7.61	-9.72	-10.39	-9.78	-9.26	-9.15	-9.87	-11.67	-14.21	-15.56	-14.40	-12.31	-10.63	-9.52	-8.59	-7.32	-5.94	-5.02	-4.94	-5.59	-6.57	-6.39	-5.64	-6.13
θ (45°)	-5.20	-7.07	-10.21	-10.63	-9.64	-9.21	-9.76	-11.11	-13.19	-13.44	-10.92	-9.38	-8.65	-7.60	-6.52	-6.47	-6.72	-6.60	-6.07	-5.34	-5.54	-7.28	-7.36	-5.70	-5.20
θ (60°)	-5.85	-6.00	-7.13	-10.01	-12.87	-14.04	-13.76	-14.64	-11.38	-7.39	-6.41	-7.35	-6.90	-6.80	-5.58	-3.26	-2.54	-2.30	-1.70	-1.31	-2.09	-2.99	-2.95	-3.62	-5.85
θ (75°)	-2.17	-3.12	-5.29	-6.75	-11.28	-17.72	-15.29	-14.65	-12.01	-11.07	-10.35	-7.85	-6.23	-3.09	-1.44	-0.76	-0.33	0.10	0.55	0.83	0.76	0.00	-0.82	-1.81	-2.17
θ (90°)	-3.46	-4.12	-4.52	-7.58	-15.26	-21.27	-17.85	-36.33	-14.22	-9.77	-9.29	-4.05	-1.31	-0.27	1.04	1.36	[1.39]	1.37	0.88	0.35	0.08	-0.23	-0.52	-0.96	-3.46
θ (105°)	-5.49	-9.12	-11.10	-10.74	-10.66	-12.84	-16.25	-14.05	-15.36	-11.83	-8.65	-6.19	-2.18	-0.01	0.53	-0.57	-0.44	0.36	0.44	-0.10	-1.30	-2.81	-2.88	-3.18	-5.49
θ (120°)	-0.64	-0.51	-2.02	-4.36	-7.97	-12.61	-10.76	-12.23	-22.93	-11.73	-9.54	-9.26	-3.86	-3.17	-5.04	-4.88	-2.71	-0.84	0.45	1.22	1.22	0.74	0.15	-0.85	-0.64
θ (135°)	-8.79	-19.42	-17.26	-13.88	-14.71	-15.16	-15.67	-14.61	-13.01	-11.72	-8.11	-4.14	-2.55	-2.78	-1.67	-0.04	0.36	0.13	-0.29	-1.08	-2.51	-4.72	-7.33	-7.71	-8.79
θ (150°)	-8.00	-6.13	-5.52	-5.84	-7.88	-9.84	-10.71	-10.96	-9.27	-6.88	-6.50	-9.41	-16.81	-15.10	-14.86	-15.18	-12.49	-10.41	-9.86	-10.68	-11.46	-11.10	-10.81	-10.41	-8.00
θ (165°)	-6.00	-6.58	-8.34	-10.05	-11.20	-12.12	-12.22	-10.87	-8.65	-6.45	-5.68	-5.90	-7.00	-8.46	-8.49	-7.19	-6.05	-5.43	-5.22	-5.38	-5.86	-6.57	-6.77	-6.37	-6.00
θ (180°)	-13.21	-13.46	-12.13	-9.92	-8.21	-6.75	-5.61	-5.02	-4.97	-5.39	-6.27	-7.81	-10.45	-15.16	-19.03	-13.83	-9.90	-7.48	-6.00	-5.42	-5.60	-6.52	-8.01	-10.11	-13.21
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°)	-8.33	-7.68	-7.42	-7.81	-9.12	-11.42	-14.60	-19.20	-23.72	-17.86	-12.70	-9.75	-8.20	-7.40	-7.24	-7.64	-8.45	-9.92	-12.29	-16.16	-21.90	-19.06	-13.86	-10.55	-8.33
θ (15°)	-7.64	-7.01	-7.53	-9.49	-12.59	-18.31	-27.77	-18.77	-13.24	-10.59	-9.43	-8.80	-8.03	-7.24	-6.82	-6.99	-7.87	-9.78	-12.92	-17.69	-23.12	-16.76	-11.73	-9.08	-7.64
θ (30°)	-5.08	-6.22	-8.61	-8.95	-8.67	-9.62	-13.00	-21.05	-23.40	-12.49	-8.41	-7.46	-9.00	-9.59	-7.81	-7.31	-8.67	-12.08	-17.67	-21.30	-16.73	-13.77	-9.76	-6.15	-5.08
θ (45°)	-11.71	-10.13	-9.67	-9.38	-10.06	-13.19	-22.22	-23.51	-13.14	-9.55	-7.46	-5.46	-5.11	-6.44	-7.67	-9.61	-13.69	-20.99	-35.93	-20.25	-16.01	-15.89	-16.25	-14.80	-11.71
θ (60°)	-8.73	-11.16	-8.14	-8.03	-12.64	-19.67	-19.66	-18.17	-14.77	-11.23	-9.24	-8.66	-11.44	-11.41	-11.79	-11.90	-13.88	-20.44	-20.76	-13.63	-12.12	-15.30	-9.59	-8.73	
θ (75°)	-10.26	-10.25	-11.86	-7.48	-6.55	-8.60	-15.98	-19.43	-10.61	-11.03	-10.69	-9.62	-7.95	-5.49	-4.93	-6.38	-9.19	-11.11	-12.08	-12.38	-12.65	-13.04	-10.00	-9.59	-10.26
θ (90°)	-7.63	-7.15	-10.51	-7.17	[-2.47]	-3.13	-7.53	-16.63	-11.49	-9.08	-15.44	-8.55	-10.85	-13.21	-15.93	-13.97	-10.28	-13.03	-22.01	-24.58	-15.99	-16.65	-11.25	-5.81	-7.63
θ (105°)	-8.52	-9.80	-10.65	-8.63	-10.07	-11.95	-14.60	-21.24	-8.75	-9.85	-16.06	-9.88	-11.38	-6.06	-6.68	-8.64	-12.83	-18.33	-15.08	-13.05	-14.03	-11.13	-10.72	-14.60	-8.52
θ (120°)	-15.06	-18.93	-13.56	-8.25	-5.94	-6.54	-11.79	-27.70	-10.93	-8.52	-13.23	-9.69	-7.37	-10.69	-10.91	-17.98	-15.48	-10.09	-9.79	-10.25	-10.83	-12.09	-14.58	-21.71	-15.06
θ (135°)	-10.23	-16.67	-7.84	-6.61	-10.77	-15.29	-10.75	-6.43	-5.00	-7.01	-15.61	-23.10	-20.90	-16.99	-19.99	-25.37	-14.66	-12.88	-15.94	-23.53	-15.21	-12.98	-11.50	-9.18	-10.23
θ (150°)	-8.44	-6.10	-4.80	-4.75	-6.10	-9.36	-14.08	-9.62	-5.21	-4.10	-6.13	-11.94	-12.72	-10.62	-12.98	-20.15	-21.63	-14.85	-11.36	-9.67	-9.32	-9.82	-10.70	-11.39	-8.44
θ (165°)	-8.42	-6.82	-6.09	-7.06	-10.76	-20.10	-16.49	-10.19	-8.05	-7.98	-9.75	-12.85	-14.55	-13.45	-12.98	-13.53	-14.43	-14.07	-11.17	-8.38	-6.89	-6.74	-7.75	-9.08	-8.42
θ (180°)	-4.87	-5.09	-5.95	-7.31	-9.19	-11.32	-14.17	-15.32	-13.25	-11.02	-8.92	-7.26	-6.04	-5.31	-5.21	-5.67	-6.89	-9.50	-14.65	-36.85	-15.50	-9.61	-6.84	-5.44	-4.87

Ant.	No.5																								
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°)	-13.81	-18.27	-24.04	-16.21	-11.82	-9.24	-8.02	-7.36	-7.11	-7.45	-8.57	-10.64	-14.27	-21.28	-27.15	-16.71	-11.96	-9.10	-7.55	-6.83	-6.72	-7.04	-7.90	-9.56	-13.81
θ (15°)	-6.23	-7.47	-8.79	-9.04	-8.74	-8.30	-8.18	-8.62	-9.77	-11.73	-14.95	-19.50	-19.81	-14.84	-11.15	-8.57	-6.75	-5.63	-4.98	-4.68	-4.70	-4.90	-4.94	-4.95	-6.23
θ (30°)	-5.28	-6.00	-7.54	-9.07	-9.63	-9.85	-9.99	-10.81	-12.98	-15.57	-16.18	-14.56	-12.00	-10.14	-9.20	-8.27	-7.00	-5.75	-4.90	-4.65	-5.18	-6.35	-6.89	-5.88	-5.28
θ (45°)	-5.74	-6.21	-8.24	-9.96	-9.96	-10.15	-11.16	-13.12	-13.61	-11.25	-8.96	-7.82	-7.10	-6.47	-6.36	-6.94	-7.05	-6.65	-6.15	-5.70	-5.96	-7.65	-9.35	-7.84	-5.74
θ (60°)	-7.59	-7.08	-7.36	-10.81	-15.13	-16.81	-16.34	-15.81	-10.65	-6.89	-6.88	-8.82	-7.79	-6.83	-4.78	-3.34	-3.25	-2.83	-2.22	-1.83	-2.47	-4.22	-4.83	-5.05	-7.59
θ (75°)	-3.05	-3.12	-5.10	-6.48	-10.57	-18.97	-16.70	-15.02	-12.13	-12.11	-9.50	-7.91	-6.07	-3.25	-2.80	-2.29	-1.39	-0.51	0.11	0.32	0.55	0.37	-0.76	-2.25	-3.05
θ (90°)	-4.21	-4.99	-5.11	-7.11	-12.70	-19.02	-21.00	-27.95	-13.07	-9.41	-8.04	-3.27	-1.01	-0.28	0.96	1.39	1.67	[1.82]	1.21	0.22	-0.18	-0.16	-0.60	-1.74	-4.21
θ (105°)	-6.06	-9.85	-11.47	-10.46	-10.47	-12.33	-14.68	-13.92	-15.29	-12.38	-8.62	-5.50	-2.86	-0.98	-0.95	-1.88	-0.45	0.59	0.49	-0.28	-1.37	-2.80	-3.43	-3.67	-6.06
θ (120°)	-1.09	-1.02	-2.43	-4.50	-8.25	-12.81	-10.92	-12.55	-19.52	-11.94	-9.45	-8.09	-4.34	-4.23	-6.62	-5.91	-2.90	-1.03	0.00	0.64	0.76	0.40	-0.10	-1.02	-1.09
θ (135°)	-8.72	-16.50	-20.25	-14.14	-13.03	-13.35	-14.65	-14.24	-13.13	-12.16	-8.63	-4.80	-3.37	-2.98	-1.01	0.58	0.74	0.30	-0.15	-0.88	-2.32	-4.69	-7.72	-8.30	-8.72
θ (150°)	-9.44	-7.54	-6.34	-6.85	-8.77	-9.84	-9.81	-10.12	-9.10	-6.79	-6.49	-9.54	-18.23	-16.94	-14.34	-13.62	-11.65	-10.26	-9.85	-10.29	-11.14	-11.09	-10.60	-10.87	-9.44
θ (165°)	-6.20	-7.02	-8.58	-10.31	-12.51	-13.53	-12.84	-11.11	-9.04	-7.40	-6.77	-7.21	-8.62	-10.18	-9.69	-7.90	-6.35	-5.50	-5.30	-5.71	-6.61	-7.43	-7.34	-6.71	-6.20
θ (180°)	-12.49	-13.81	-13.31	-10.91	-8.62	-6.91	-5.80	-5.25	-5.42	-6.03	-7.18	-9.19	-12.50	-16.81	-14.41	-10.39	-8.06	-6.71	-5.87	-5.59	-6.19	-7.52	-9.48	-12.49	
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°)	-7.86	-7.11	-6.80	-7.20	-8.23	-10.29	-13.51	-19.29	-35.68	-17.15	-11.87	-9.18	-7.65	-6.94	-6.73	-6.97	-7.91	-9.73	-12.27	-17.01	-34.51	-18.03	-12.42	-9.72	-7.86
θ (15°)	-7.11	-5.84	-5.83	-7.11	-9.51	-14.04	-20.69	-18.02	-13.32	-10.61	-9.25	-8.29	-7.35	-6.45	-6.03	-6.32	-7.58	-9.79	-13.10	-18.84	-35.39	-21.66	-14.46	-10.37	-7.11
θ (30°)	-4.55	-5.15	-7.29	-8.83	-9.38	-10.44	-13.10	-20.33	-18.13	-11.19	-8.34	-8.28	-9.39	-8.22	-6.81	-7.12	-9.10	-12.86	-19.45	-20.98	-15.65	-14.59	-11.28	-6.45	-4.55
θ (45°)	-10.67	-9.38	-9.34	-10.88	-11.88	-14.27	-23.86	-18.61	-11.22	-8.47	-6.72	-5.07	-5.36	-6.91	-8.11	-10.85	-17.56	-29.11	-23.19	-17.08	-13.51	-12.24	-11.90	-11.60	-10.67
θ (60°)	-8.28	-10.99	-9.66	-8.98	-11.83	-15.06	-17.37	-24.32	-16.68	-11.05	-8.67	-10.13	-11.42	-11.08	-14.16	-14.95	-15.31	-17.80	-26.56	-20.91	-13.48	-10.52	-11.88	-10.53	-8.28
θ (75°)	-9.73	-10.14	-13.44	-7.83	-6.63	-9.24	-17.69	-19.68	-13.13	-14.07	-11.12	-10.10	-7.81	-6.07	-6.71	-8.42	-10.83	-12.56	-13.63	-13.21	-12.18	-11.88	-10.30	-10.16	-9.73
θ (90°)	-6.88	-6.59	-10.41	-8.35	[-3.52]	-4.44	-9.18	-17.57	-11.29	-9.58	-16.44	-9.16	-11.69	-14.82	-20.32	-12.70	-10.15	-13.46	-23.75	-19.85	-13.26	-13.29	-12.06	-5.84	-6.88
θ (105°)	-8.49	-9.63	-10.14	-7.66	-9.16	-11.19	-14.30	-21.45	-9.15	-10.61	-14.74	-11.79	-10.20	-6.01	-6.60	-7.95	-12.69	-19.51	-14.28	-11.66	-11.86	-10.04	-9.71	-13.17	-8.49
θ (120°)	-15.34	-20.08	-15.23	-8.24	-5.62	-6.43	-12.25	-20.42	-9.53	-8.32	-13.02	-8.57	-7.28	-11.01	-12.36	-19.66	-14.93	-10.14	-9.33	-9.40	-10.12	-11.64	-12.89	-18.24	-15.34
θ (135°)	-8.16	-15.41	-8.45	-6.53	-9.05	-12.60	-11.07	-6.84	-5.16	-7.30	-16.11	-29.39	-21.31	-14.63	-17.20	-24.34	-15.36	-13.11	-15.11	-16.97	-12.58	-11.21	-10.69	-8.17	-8.16
θ (150°)	-11.31	-7.99	-5.60	-5.21	-6.23	-9.18	-14.67	-10.19	-5.06	-3.92	-6.07	-10.87	-11.15	-10.14	-11.70	-16.81	-22.40	-18.58	-14.35	-12.09	-11.17	-10.89	-11.01	-12.52	-11.31
θ (165°)	-9.41	-7.83	-6.84	-7.39	-10.45	-18.14	-16.40	-10.01	-7.97	-8.14	-9.91	-12.01	-12.48	-11.62	-11.79	-12.83	-14.24	-14.70	-12.69	-9.42	-7.19	-6.53	-7.38	-9.03	-9.41
θ (180°)	-5.43	-5.52	-5.88	-6.91	-8.55	-10.23	-12.28	-14.54	-14.15	-11.70	-9.26	-7.53	-6.19	-5.34	-5.12	-5.30	-6.21	-8.49	-12.83	-22.48	-18.22	-11.26	-7.98	-6.41	-5.43

Ant.	No.5																								
Freq. (MHz)	5350																								
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°)	-17.21	-25.13	-24.07	-15.51	-12.09	-9.89	-8.45	-7.52	-7.43	-8.17	-9.54	-11.97	-16.32	-26.65	-22.93	-14.99	-11.34	-9.14	-7.71	-7.00	-7.06	-7.93	-9.37	-11.57	-17.21
θ (15°)	-6.84	-7.74	-8.99	-9.26	-8.70	-7.66	-6.98	-7.22	-8.48	-10.89	-14.70	-19.42	-18.45	-13.85	-10.34	-7.97	-6.40	-5.56	-5.22	-5.19	-5.47	-6.01	-6.32	-6.29	-6.84
θ (30°)	-5.00	-5.31	-6.64	-8.31	-9.29	-9.88	-10.53	-11.92	-14.43	-16.26	-15.02	-12.79	-10.64	-9.10	-8.08	-6.97	-5.96	-5.19	-4.61	-4.35	-4.61	-5.58	-6.73	-6.15	-5.00
θ (45°)	-6.98	-6.49	-7.34	-8.62	-9.78	-10.73	-11.48	-11.59	-10.74	-8.92	-7.15	-6.29	-6.47	-6.80	-7.09	-6.69	-5.99	-5.51	-5.07	-4.94	-6.24	-8.93	-9.09	-6.98	
θ (60°)	-9.00	-9.23	-7.86	-10.22	-15.49	-19.11	-19.07	-16.59	-10.29	-7.10	-7.87	-9.45	-8.03	-7.23	-5.22	-4.45	-3.72	-3.05	-2.81	-2.28	-2.40	-4.19	-6.38	-6.10	-9.00
θ (75°)	-3.75	-3.82	-5.22	-5.95	-9.87	-19.18	-17.66	-15.15	-12.90	-12.35	-9.69	-9.40	-6.53	-4.51	-4.43	-3.07	-1.85	-1.00	-0.37	0.04	0.32	0.44	-0.06	-1.58	-3.75
θ (90°)	-4.66	-5.76	-6.10	-7.36	-11.11	-15.97	-21.05	-24.90	-12.59	-8.69	-7.31	-3.11	-1.40	-0.53	1.23	1.68	2.10	[2.20]	1.55	0.57	-0.14	-0.30	-0.42	-1.40	-4.66
θ (105°)	-5.20	-9.86	-12.24	-11.03	-10.93	-12.36	-12.97	-12.37	-14.33	-13.54	-8.72	-6.16	-3.80	-1.70	-2.05	-2.23	-0.20	0.65	0.53	0.03	-0.96	-2.37	-3.37	-3.47	-5.20
θ (120°)	-1.13	-0.94	-2.66	-4.67	-8.37	-13.87	-11.02	-12.46	-16.37	-10.20	-8.78	-8.84	-4.93	-4.97	-8.27	-5.58	-2.43	-1.04	-0.35	0.19	0.41	0.35	0.26	-0.81	-1.13
θ (135°)	-8.48	-13.75	-27.55	-14.20	-12.01	-12.03	-12.96	-12.61	-12.94	-13.60	-8.60	-4.52	-3.18	-2.12	-0.03	1.19	1.06	0.54	0.10	-0.45	-1.58	-3.73	-7.35	-8.87	-8.48
θ (150°)	-9.35	-7.57	-6.10	-7.13	-9.37	-10.75	-9.96	-10.39	-10.06	-7.80	-7.62	-11.16	-20.74	-16.43	-14.01	-12.87	-10.78	-9.56	-9.20	-9.61	-10.43	-10.60	-10.33	-10.57	-9.35
θ (165°)	-6.71	-7.21	-8.54	-10.57	-12.57	-13.79	-13.48	-11.88	-9.83	-8.24	-7.45	-7.72	-9.23	-11.03	-10.42	-8.05	-6.23	-5.38	-5.29	-5.95	-7.05	-8.13	-8.07	-7.34	-6.71
θ (180°)	-10.39	-11.52	-11.30	-9.80	-8.09	-6.77	-5.79	-5.44	-5.39	-5.57	-6.10	-7.07	-8.87	-11.51	-14.54	-13.53	-10.05	-7.73	-6.45	-5.86	-5.59	-5.87	-6.75	-8.08	-10.39
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°)	-7.91	-7.39	-7.41	-8.02	-8.75	-10.54	-14.02	-21.40	-20.22	-14.16	-10.56	-8.51	-7.23	-6.61	-6.60	-7.06	-8.24	-10.71	-14.83	-22.42	-24.57	-16.58	-12.06	-9.43	-7.91
θ (15°)	-7.71	-6.07	-5.69	-6.47	-8.35	-11.75	-17.53	-19.49	-14.10	-10.90	-9.27	-8.02	-6.80	-5.82	-5.58	-6.26	-8.19	-11.57	-16.34	-22.02	-22.14	-18.08	-14.91	-11.85	-7.71
θ (30°)	-4.95	-5.04	-6.88	-8.51	-8.98	-10.62	-14.08	-18.93	-14.61	-10.11	-8.29	-8.52	-8.70	-7.05	-6.27	-7.28	-9.93	-14.39	-19.52	-16.81	-13.08	-13.06	-13.64	-8.22	-4.95
θ (45°)	-9.91	-9.71	-8.57	-9.57	-12.04	-16.60	-27.73	-17.73	-11.20	-8.52	-6.82	-5.61	-6.36	-7.66	-8.36	-11.37	-18.52	-22.98	-19.47	-15.82	-13.43	-12.87	-11.32	-9.54	-9.91
θ (60°)	-8.55	-10.59	-10.14	-9.41	-11.47	-14.05	-17.96	-28.32	-13.37	-9.63	-9.38	-11.36	-10.16	-11.56	-15.32	-14.50	-18.45	-23.54	-32.52	-20.46	-13.98	-11.32	-12.04	-11.61	-8.55
θ (75°)	-11.13	-9.31	-15.38	-9.64	-7.01	-9.28	-20.06	-19.18	-14.96	-14.69	-11.22	-10.24	-8.02	-7.44	-8.58	-10.49	-12.45	-13.11	-13.79	-14.28	-14.18	-13.72	-11.38	-11.71	-11.13
θ (90°)	-6.79	-6.17	-8.82	-9.74	-4.40	-5.52	-11.09	-20.53	-13.72	-11.83	-18.86	-10.15	-13.27	-18.26	-21.34	-10.63	-9.13	-13.82	-29.43	-17.33	-12.26	-11.49	-12.68	-6.72	-6.79
θ (105°)	-9.36	-10.38	-10.80	-6.98	-8.22	-10.20	-14.18	-21.31	-9.30	-10.77	-14.26	-10.86	-8.42	-5.62	-6.19	-8.28	-14.01	-20.03	-13.90	-11.90	-12.78	-9.79	-8.95	-13.17	-9.36
θ (120°)	-14.54	-17.97	-18.36	-8.36	-5.29	-6.55	-13.87	-18.16	-8.97	-8.03	-11.36	-8.28	-7.66	-12.26	-12.76	-19.09	-13.59	-9.17	-8.91	-9.22	-9.75	-11.48	-13.39	-19.46	-14.54
θ (135°)	-7.05	-13.72	-8.66	-5.95	-8.26	-12.27	-11.78	-7.57	-5.62	-7.79	-16.68	-25.85	-23.86	-14.02	-15.81	-25.47	-16.61	-13.04	-15.05	-15.38	-10.89	-9.96	-10.82	-7.98	-7.05
θ (150°)	-12.23	-9.49	-6.35	-5.68	-6.12	-8.33	-13.12	-10.64	-4.94	[-3.36]	-5.05	-9.51	-11.46	-10.84	-12.44	-16.02	-19.16	-18.47	-15.31	-13.85	-12.94	-11.91	-11.35	-11.99	-12.23
θ (165°)	-9.05	-8.16	-7.17	-7.69	-11.08	-18.93	-15.65	-10.62	-8.55	-8.24	-9.18	-10.68	-11.37	-11.00	-11.16	-12.06	-13.96	-14.75	-13.02	-10.31	-8.06	-6.88	-7.08	-8.18	-9.05
θ (180°)	-5.06	-4.95	-5.05	-6.08	-7.71	-9.61	-11.60	-13.27	-13.81	-11.75	-9.15	-7.31	-6.15	-5.38	-4.89	-5.07	-5.88	-8.05	-11.97	-19.95	-17.02	-11.18	-8.01	-6.28	-5.06

Ant.	No.5																								
Freq. (MHz)	5470																								
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°)	-18.48	-22.20	-19.80	-14.66	-10.72	-8.59	-7.61	-7.64	-8.24	-9.45	-11.42	-14.93	-23.32	-25.17	-15.20	-11.28	-9.23	-8.40	-7.77	-7.85	-8.68	-9.94	-11.57	-13.93	-18.48
θ (15°)	-11.03	-12.23	-12.46	-12.52	-11.64	-10.72	-10.14	-11.38	-14.43	-19.76	-30.85	-23.79	-14.49	-9.62	-6.74	-5.19	-4.36	-4.08	-4.37	-5.20	-6.33	-7.75	-8.99	-11.03	
θ (30°)	-5.05	-4.86	-5.92	-7.73	-10.34	-13.21	-15.23	-16.29	-15.66	-13.58	-10.98	-8.90	-7.45	-6.38	-5.58	-5.01	-4.68	-4.46	-4.47	-3.95	-3.16	-3.04	-4.16	-5.42	-5.05
θ (45°)	-5.46	-5.37	-7.05	-8.24	-8.96	-9.59	-10.56	-11.63	-9.77	-7.29	-6.26	-6.12	-4.97	-4.10	-4.42	-4.17	-3.38	-2.30	-1.77	-1.86	-1.76	-1.94	-3.98	-6.35	-5.46
θ (60°)	-6.97	-9.32	-8.72	-6.90	-8.81	-13.74	-18.56	-14.66	-9.21	-7.41	-8.84	-7.15	-6.81	-7.32	-5.50	-2.39	-0.64	-1.09	-2.22	-3.44	-3.48	-3.05	-4.16	-6.24	-6.97
θ (75°)	-2.61	-5.21	-6.12	-5.51	-9.60	-21.87	-28.01	-21.78	-14.62	-9.62	-7.91	-7.73	-4.94	-4.81	-2.96	-1.42	-1.08	-1.01	-0.67	0.19	1.17	1.51	1.16	0.42	-2.61
θ (90°)	-3.38	-6.23	-7.54	-8.10	-9.35	-11.48	-15.20	-15.81	-10.81	-7.94	-6.54	-2.59	-0.91	0.67	1.90	2.72	[3.44]	3.02	2.18	1.60	1.03	0.72	0.61	-0.08	-3.38
θ (105°)	-3.65	-7.27	-9.14	-7.93	-10.58	-13.38	-11.37	-11.14	-19.38	-11.99	-7.73	-6.47	-3.55	-2.55	-2.83	-1.25	0.34	0.76	0.91	0.96	0.29	-0.93	-1.77	-2.99	-3.65
θ (120°)	-1.75	-1.78	-3.08	-4.89	-8.17	-17.75	-13.48	-12.24	-10.80	-7.67	-9.94	-9.88	-5.60	-10.57	-8.34	-3.26	-2.02	-2.20	-2.34	-1.26	-0.35	-0.46	-0.38	-0.41	-1.75
θ (135°)	-7.86	-11.00	-20.05	-13.91	-11.05	-10.64	-12.28	-14.59	-17.59	-12.80	-8.05	-5.31	-2.93	-1.28	0.23	0.88	-0.06	-1.04	-0.83	-0.22	-0.28	-1.49	-4.81	-8.25	-7.86
θ (150°)	-9.03	-7.22	-5.34	-6.49	-9.58	-13.25	-12.79	-14.54	-13.89	-9.70	-9.15	-13.93	-22.50	-12.85	-11.29	-9.31	-6.78	-5.92	-6.18	-7.40	-8.49	-8.24	-7.86	-8.63	-9.03
θ (165°)	-7.50	-8.03	-9.36	-12.15	-14.70	-15.52	-14.35	-12.20	-10.03	-9.02	-8.53	-9.51	-12.03	-13.15	-9.96	-7.08	-5.59	-5.02	-5.10	-5.95	-7.44	-9.13	-9.24	-8.29	-7.50
θ (180°)	-7.24	-8.07	-8.87	-9.62	-9.04	-8.06	-7.24	-6.46	-5.71	-5.41	-5.48	-6.09	-7.29	-9.01	-10.63	-11.37	-10.09	-8.06	-6.56	-5.63	-5.23	-5.16	-5.40	-5.98	-7.24
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°)	-9.57	-9.49	-9.68	-10.42	-12.96	-17.63	-34.65	-22.31	-15.85	-12.00	-9.26	-7.61	-6.94	-7.02	-7.99	-9.52	-11.92	-14.54	-20.79	-34.67	-18.72	-14.37	-12.43	-11.00	-9.57
θ (15°)	-10.96	-9.36	-8.54	-8.36	-10.46	-14.13	-21.51	-25.03	-14.10	-10.05	-7.79	-6.21	-5.24	-4.97	-5.56	-7.76	-10.79	-16.37	-34.31	-19.14	-13.28	-11.57	-11.86	-11.88	-10.96
θ (30°)	-8.45	-6.90	-7.95	-11.45	-16.74	-21.74	-25.05	-20.54	-16.87	-13.57	-10.47	-8.99	-8.45	-8.06	-8.16	-9.17	-10.94	-13.73	-18.75	-20.76	-13.28	-9.29	-9.23	-11.34	-8.45
θ (45°)	-6.83	-7.66	-6.53	-5.31	-6.40	-10.17	-18.65	-20.75	-12.94	-10.55	-8.14	-6.64	-7.61	-8.00	-8.12	-11.87	-13.73	-13.30	-13.77	-13.43	-11.41	-10.54	-12.34	-9.97	-6.83
θ (60°)	-11.18	-12.95	-14.20	-11.88	-12.29	-13.09	-18.50	-19.13	-11.49	-9.72	-10.69	-10.03	-7.78	-9.79	-8.43	-9.61	-17.04	-21.21	-23.86	-22.05	-17.45	-14.62	-13.38	-11.64	-11.18
θ (75°)	-14.45	-10.21	-10.42	-8.39	-6.68	-9.50	-20.50	-25.27	-22.90	-16.17	-12.78	-12.09	-9.88	-10.75	-13.04	-17.47	-19.47	-19.12	-19.71	-23.36	-18.06	-16.64	-14.60	-10.91	-14.45
θ (90°)	-5.29	-3.99	-4.17	-8.96	-5.38	-6.11	-11.93	-16.08	-10.77	-11.81	-18.74	-10.23	-19.59	-17.97	-13.07	-8.70	-10.56	-16.49	-16.12	-11.57	-9.43	-8.81	-10.63	-5.85	-5.29
θ (105°)	-8.08	-7.55	-10.77	-5.98	-5.20	-5.68	-9.98	-22.21	-7.42	-8.07	-9.92	-7.61	-6.45	-5.05	-7.55	-13.80	-23.23	-15.07	-12.34	-11.29	-11.62	-10.14	-6.32	-7.98	-8.08
θ (120°)	-16.39	-12.82	-18.68	-9.30	-4.06	-5.09	-13.46	-16.96	-8.40	-6.66	-9.39	-10.18	-8.83	-11.24	-12.71	-18.93	-12.24	-9.35	-11.23	-12.52	-12.18	-11.67	-10.34	-11.49	-16.39
θ (135°)	-6.42	-9.47	-8.47	-5.91	-6.41	-8.53	-11.91	-9.56	-7.75	-11.29	-21.28	-18.28	-24.61	-12.04	-14.40	-35.46	-12.70	-9.50	-9.90	-12.36	-11.54	-8.69	-8.49	-7.67	-6.42
θ (150°)	-13.44	-9.77	-7.24	-7.05	-7.66	-10.36	-13.85	-8.86	-4.78	[-3.94]	-6.58	-13.40	-10.87	-8.49	-11.19	-16.87	-23.27	-23.29	-21.12	-17.86	-15.92	-14.95	-14.69	-16.13	-13.44
θ (165°)	-8.50	-7.49	-7.91	-9.95	-15.11	-37.73	-15.48	-10.53	-8.78	-8.88	-10.34	-11.64	-10.69	-9.34	-9.16	-9.93	-11.29	-13.41	-13.85	-10.40	-8.04	-7.69	-8.76	-9.60	-8.50
θ (180°)	-5.45	-5.27	-5.19	-5.95	-6.96	-8.08	-9.50	-10.79	-11.39	-11.58	-10.68	-8.87	-7.04	-5.58	-4.69	-4.68	-5.33	-6.66	-8.77	-12.12	-15.51	-12.03	-8.57	-6.70	-5.45

Ant.	No.5																								
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°)	-14.64	-15.27	-13.22	-10.77	-9.03	-7.54	-6.77	-6.48	-6.70	-7.43	-8.74	-10.90	-13.65	-15.38	-13.42	-10.58	-8.49	-7.14	-6.45	-6.04	-6.22	-7.03	-8.51	-10.88	-14.64
θ (15°)	-9.53	-11.66	-14.14	-13.70	-11.65	-9.96	-9.03	-9.00	-9.74	-11.49	-15.25	-25.47	-19.14	-11.85	-8.38	-6.57	-5.76	-5.25	-4.82	-4.47	-4.32	-4.62	-5.71	-7.06	-9.53
θ (30°)	-4.38	-5.13	-6.64	-8.78	-10.82	-12.30	-12.54	-12.30	-12.43	-13.44	-13.56	-10.72	-8.27	-7.21	-6.16	-4.56	-3.32	-2.86	-2.69	-3.08	-3.35	-3.11	-2.95	-3.35	-4.38
θ (45°)	-4.17	-4.57	-4.87	-6.64	-9.20	-12.43	-14.54	-12.76	-10.22	-8.83	-8.62	-6.56	-4.35	-3.64	-2.80	-1.69	-0.86	-0.66	-0.68	-0.84	-1.08	-0.98	-1.21	-2.33	-4.17
θ (60°)	-5.52	-6.63	-7.07	-8.04	-10.24	-13.12	-14.25	-12.15	-10.23	-10.32	-8.23	-6.24	-5.19	-3.05	-1.02	0.20	0.06	-0.44	-1.02	-1.73	-2.51	-2.44	-2.88	-4.13	-5.52
θ (75°)	-2.83	-4.76	-10.69	-10.41	-10.41	-12.70	-13.65	-13.35	-11.63	-10.34	-8.53	-6.32	-4.77	-2.76	-1.25	-1.62	-1.84	-1.01	-0.08	0.33	0.32	0.33	0.04	-0.74	-2.83
θ (90°)	-1.27	-4.67	-8.17	-11.61	-13.51	-12.40	-12.21	-12.76	-12.52	-10.23	-7.90	-4.70	-4.46	-1.68	1.16	1.74	1.55	1.48	1.83	[1.95]	1.43	0.68	0.39	0.40	-1.27
θ (105°)	-2.22	-3.73	-8.29	-9.70	-11.95	-15.20	-13.04	-13.79	-22.13	-13.89	-9.72	-7.50	-3.15	-1.36	-1.56	-0.16	0.23	0.08	0.33	0.46	0.03	-1.31	-2.12	-2.26	-2.22
θ (120°)	-3.19	-3.48	-6.57	-10.91	-13.74	-19.84	-30.14	-19.53	-11.35	-8.64	-10.51	-7.37	-6.38	-7.25	-3.40	-1.97	-2.47	-4.08	-5.03	-4.94	-3.72	-3.36	-3.47	-3.18	-3.19
θ (135°)	-9.07	-10.86	-15.08	-15.58	-12.11	-10.14	-10.11	-13.37	-17.49	-13.18	-8.69	-5.23	-3.20	-2.66	-2.49	-3.61	-4.41	-3.28	-2.09	-1.59	-1.55	-2.08	-4.14	-7.53	-9.07
θ (150°)	-8.15	-7.36	-6.77	-8.08	-10.82	-13.94	-15.53	-16.77	-14.32	-11.25	-11.77	-19.17	-16.82	-10.71	-8.40	-6.03	-4.85	-4.90	-5.89	-7.59	-9.62	-10.65	-10.19	-9.55	-8.15
θ (165°)	-11.89	-12.54	-15.57	-19.02	-20.25	-18.91	-17.06	-16.04	-15.07	-13.05	-12.17	-13.07	-16.07	-17.20	-13.39	-10.85	-9.71	-9.28	-9.19	-9.35	-9.77	-11.02	-12.52	-12.27	-11.89
θ (180°)	-8.25	-8.61	-8.91	-10.63	-11.08	-10.90	-10.44	-9.91	-9.29	-8.77	-8.38	-8.60	-9.27	-10.08	-10.50	-10.89	-10.65	-9.47	-8.89	-8.49	-8.23	-8.05	-7.90	-7.94	-8.25
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°)	-6.72	-6.61	-6.94	-7.90	-9.54	-12.65	-16.27	-16.76	-13.48	-10.31	-8.20	-6.91	-6.08	-5.70	-5.97	-6.92	-8.52	-11.48	-13.83	-14.42	-12.88	-10.66	-8.69	-7.38	-6.72
θ (15°)	-10.76	-10.88	-11.32	-13.54	-16.45	-19.58	-19.36	-14.69	-11.01	-8.55	-6.87	-5.62	-5.00	-5.30	-6.46	-8.06	-10.60	-12.94	-14.99	-16.39	-16.19	-13.66	-11.51	-10.77	-10.76
θ (30°)	-10.41	-8.20	-7.89	-9.61	-12.65	-16.96	-23.80	-15.64	-10.11	-7.64	-7.33	-7.62	-6.18	-4.97	-5.58	-7.99	-12.01	-17.04	-20.12	-17.11	-12.33	-9.54	-9.71	-12.74	-10.41
θ (45°)	-6.17	-6.57	-8.52	-7.96	-9.18	-13.39	-22.81	-22.72	-14.24	-10.21	-7.47	-7.88	-10.04	-8.41	-9.33	-12.68	-15.36	-15.80	-16.95	-15.73	-11.21	-8.12	-8.98	-10.64	-6.17
θ (60°)	-16.92	-18.08	-17.38	-15.95	-13.58	-12.50	-15.41	-22.44	-14.38	-9.98	-10.06	-8.29	-7.00	-8.87	-7.12	-8.78	-13.83	-21.42	-27.03	-19.53	-17.07	-15.25	-17.10	-18.99	-16.92
θ (75°)	-12.96	-12.59	-14.13	-10.69	-10.06	-15.53	-34.63	-23.25	-21.20	-15.35	-14.04	-13.35	-13.72	-17.09	-21.10	-20.44	-22.98	-30.68	-40.09	-28.45	-21.00	-16.86	-17.20	-16.42	-12.96
θ (90°)	-6.97	-6.54	-4.22	-6.34	-6.94	-9.64	-19.09	-14.52	-8.78	-11.01	-11.91	-9.57	-19.69	-10.95	-10.96	-11.80	-12.56	-15.91	-17.79	-17.52	-12.06	-8.44	-10.55	-6.97	-6.97
θ (105°)	-7.39	-6.16	-9.64	-5.54	-3.91	-4.75	-9.95	-15.54	-5.40	-6.19	-12.63	-7.12	-7.36	-7.46	-10.16	-10.34	-9.73	-9.25	-10.46	-10.39	-10.27	-9.82	-5.55	-5.80	-7.39
θ (120°)	-8.95	-8.21	-10.37	-5.91	[-2.93]	-4.63	-11.93	-18.87	-7.60	-5.71	-10.93	-16.32	-12.92	-20.99	-21.03	-15.93	-14.36	-13.24	-11.65	-11.25	-10.57	-10.03	-9.27	-8.89	-8.95
θ (135°)	-6.65	-10.52	-6.43	-3.57	-4.06	-7.24	-15.79	-16.91	-11.43	-15.01	-17.56	-13.63	-13.82	-9.35	-11.30	-22.77	-15.12	-11.37	-10.28	-10.41	-9.79	-9.06	-10.03	-8.39	-6.65
θ (150°)	-16.92	-14.92	-8.96	-6.84	-7.64	-11.23	-16.02	-10.39	-6.46	-5.95	-8.72	-14.04	-15.16	-15.44	-18.76	-21.78	-27.62	-23.82	-19.85	-17.24	-16.61	-15.66	-12.44	-11.78	-16.92
θ (165°)	-12.39	-10.16	-9.31	-10.56	-14.04	-23.10	-27.02	-16.99	-12.74	-10.96	-10.95	-11.63	-11.74	-11.42	-10.94	-11.56	-13.12	-15.36	-16.43	-15.68	-13.87	-11.81	-11.40	-12.43	-12.39
θ (180°)	-8.65	-8.40	-8.24	-7.96	-8.76	-9.71	-10.63	-11.29	-11.88	-12.43	-11.87	-10.64	-9.13	-7.88	-7.19	-7.13	-7.62	-8.74	-10.12	-12.08	-12.66	-11.29	-10.08	-9.50	-8.65

Ant.	No.5																								
Freq. (MHz)	5725																								
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°)	-10.35	-12.59	-13.96	-12.05	-9.09	-6.83	-5.27	-4.38	-4.31	-4.96	-6.08	-7.65	-10.06	-13.60	-15.55	-12.26	-8.75	-6.55	-5.22	-4.47	-4.33	-4.78	-5.77	-7.30	-10.35
θ (15°)	-8.04	-10.58	-12.66	-12.07	-10.53	-9.09	-8.52	-8.42	-8.86	-10.47	-13.87	-19.41	-21.98	-18.32	-13.70	-10.24	-7.33	-5.60	-4.59	-3.95	-3.62	-3.76	-4.36	-5.39	-8.04
θ (30°)	-3.93	-4.42	-6.34	-9.57	-12.70	-13.21	-11.55	-9.98	-9.59	-10.69	-13.30	-14.36	-13.62	-11.14	-7.53	-5.17	-3.85	-3.11	-3.08	-3.37	-3.78	-3.77	-3.63	-3.77	-3.93
θ (45°)	-2.82	-4.04	-4.95	-6.04	-7.97	-10.37	-11.89	-12.18	-12.56	-12.58	-10.33	-7.09	-5.92	-5.01	-3.57	-3.02	-2.58	-2.11	-1.76	-1.62	-1.94	-2.46	-2.71	-2.62	-2.82
θ (60°)	-4.48	-5.61	-5.60	-5.78	-7.77	-10.93	-14.46	-14.61	-11.44	-7.56	-5.65	-6.05	-5.10	-3.25	-0.80	0.25	-0.12	-0.29	-0.13	-0.33	-0.98	-1.47	-2.23	-3.66	-4.48
θ (75°)	-4.24	-5.38	-9.14	-12.73	-11.36	-11.39	-11.59	-11.59	-10.90	-7.55	-6.61	-6.31	-3.82	-1.98	-1.20	-1.27	-0.86	0.05	0.71	0.78	0.56	0.38	-0.34	-1.26	-4.24
θ (90°)	-1.38	-3.67	-6.62	-9.66	-15.86	-15.20	-12.96	-13.13	-13.07	-11.38	-10.02	-6.06	-4.85	-1.08	-0.03	0.57	1.40	[1.56]	1.52	1.31	0.84	0.23	-0.21	-0.51	-1.38
θ (105°)	-2.39	-2.95	-5.58	-8.36	-12.71	-21.26	-15.45	-16.94	-32.51	-12.23	-8.45	-5.85	-1.67	-1.35	-1.97	-0.76	-0.17	-0.11	-0.17	-0.27	-0.31	-1.15	-2.49	-2.50	-2.39
θ (120°)	-6.22	-4.65	-5.39	-10.14	-17.20	-26.92	-27.83	-24.53	-13.34	-9.43	-10.46	-6.84	-5.55	-6.04	-3.36	-2.32	-2.36	-2.76	-3.53	-4.27	-4.20	-4.43	-5.31	-5.37	-6.22
θ (135°)	-11.16	-12.88	-14.72	-13.23	-11.34	-11.00	-12.08	-15.75	-17.16	-10.88	-8.43	-6.50	-5.22	-5.88	-6.27	-6.27	-5.66	-4.95	-4.39	-3.83	-3.57	-3.89	-5.36	-8.14	-11.16
θ (150°)	-11.70	-9.69	-8.27	-9.50	-13.92	-18.38	-16.73	-18.95	-17.96	-11.64	-10.72	-15.13	-14.11	-9.28	-7.44	-5.72	-4.97	-5.04	-5.96	-7.27	-8.98	-10.54	-11.08	-11.93	-11.70
θ (165°)	-13.40	-13.70	-17.28	-25.04	-33.19	-25.13	-23.06	-22.74	-20.11	-14.90	-13.53	-15.21	-19.69	-17.31	-13.15	-10.91	-9.83	-9.12	-8.85	-9.04	-9.90	-12.07	-15.41	-15.45	-13.40
θ (180°)	-12.74	-12.14	-11.87	-12.50	-13.62	-14.52	-15.44	-15.50	-14.90	-13.78	-13.12	-13.01	-13.23	-13.20	-13.46	-13.39	-12.91	-11.75	-11.70	-12.46	-13.56	-13.92	-13.96	-13.36	-12.74
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°)	-5.38	-5.19	-5.35	-6.06	-6.98	-8.42	-10.71	-14.26	-15.37	-11.45	-8.46	-6.49	-5.33	-4.66	-4.62	-5.06	-6.06	-7.97	-10.89	-15.10	-15.84	-12.14	-8.98	-6.87	-5.38
θ (15°)	-7.78	-7.85	-8.35	-9.09	-10.42	-13.78	-17.96	-15.42	-11.41	-8.19	-5.91	-4.79	-4.51	-4.56	-4.89	-5.72	-6.78	-8.47	-10.78	-14.18	-16.78	-13.74	-10.26	-8.68	-7.78
θ (30°)	-13.59	-11.28	-9.01	-9.03	-10.83	-14.30	-20.08	-18.10	-13.06	-9.85	-8.07	-6.06	-4.83	-4.88	-6.03	-7.94	-10.04	-12.25	-13.93	-14.97	-14.15	-12.09	-10.46	-11.19	-13.59
θ (45°)	-7.89	-7.43	-10.11	-11.02	-11.21	-13.29	-22.35	-19.19	-11.25	-7.79	-6.74	-8.10	-8.32	-8.31	-12.04	-15.74	-16.98	-19.19	-21.45	-18.81	-13.13	-9.07	-8.90	-10.98	-7.89
θ (60°)	-13.22	-13.59	-12.93	-9.97	-9.25	-11.09	-17.17	-23.67	-14.79	-12.16	-13.55	-8.21	-7.97	-9.66	-9.08	-14.46	-22.14	-44.50	-21.97	-18.39	-17.10	-14.15	-14.24	-16.77	-13.22
θ (75°)	-20.45	-17.43	-21.28	-23.30	-20.37	-24.12	-25.02	-24.49	-18.17	-14.04	-14.34	-14.96	-16.99	-20.34	-20.73	-25.08	-38.12	-26.97	-19.43	-17.21	-18.14	-24.10	-30.73	-22.28	-20.45
θ (90°)	-7.20	-8.89	-7.21	-7.63	-8.88	-11.81	-21.19	-18.84	-11.18	-11.97	-11.70	-11.09	-20.28	-13.55	-15.97	-12.78	-12.81	-15.72	-23.03	-42.28	-21.41	-10.85	-9.98	-10.96	-7.20
θ (105°)	-8.78	-7.30	-9.88	-8.57	-6.43	-7.38	-14.52	-13.39	-6.35	-8.46	-11.68	-7.91	-9.10	-10.38	-9.54	-8.29	-9.85	-11.91	-12.24	-11.25	-10.78	-13.21	-9.06	-6.39	-8.78
θ (120°)	-8.91	-6.90	-9.25	-5.72	[-2.62]	-4.23	-11.75	-17.73	-7.58	-6.77	-16.52	-11.91	-12.51	-17.56	-12.56	-12.45	-10.90	-10.79	-11.55	-11.38	-10.89	-10.88	-9.37	-8.60	-8.91
θ (135°)	-6.65	-10.14	-8.50	-3.66	-3.39	-6.76	-18.09	-10.61	-7.12	-10.55	-16.80	-12.37	-14.37	-9.51	-11.14	-21.58	-15.07	-11.84	-10.46	-9.93	-8.33	-7.00	-8.75	-10.33	-6.65
θ (150°)	-15.14	-15.04	-9.42	-6.70	-6.96	-11.01	-22.07	-9.80	-5.80	-5.88	-9.86	-14.91	-13.46	-16.07	-19.77	-22.25	-21.19	-16.67	-14.50	-14.22	-14.92	-15.84	-15.01	-13.28	-15.14
θ (165°)	-15.65	-11.92	-10.30	-11.20	-13.79	-20.57	-27.10	-14.75	-11.05	-9.94	-10.80	-11.73	-11.44	-11.23	-11.48	-13.23	-15.04	-15.34	-15.66	-17.11	-15.22	-12.52	-12.17	-14.28	-15.65
θ (180°)	-11.48	-12.20	-13.12	-13.74	-14.45	-14.39	-14.29	-13.96	-13.57	-13.63	-14.07	-14.23	-13.24	-12.29	-12.33	-12.72	-13.18	-14.24	-16.19	-15.11	-12.45	-11.40	-11.26	-11.25	-11.48

Ant.	No.5																								
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°)	-9.14	-11.80	-15.08	-13.39	-9.62	-6.82	-5.19	-4.34	-3.96	-4.00	-4.59	-6.04	-8.60	-12.87	-17.79	-13.98	-9.67	-6.96	-5.39	-4.34	-3.88	-3.94	-4.69	-6.18	-9.14
θ (15°)	-7.25	-9.41	-11.39	-11.71	-11.05	-9.43	-8.01	-7.59	-8.48	-10.20	-11.49	-13.32	-17.55	-30.93	-15.85	-10.10	-7.19	-5.58	-4.58	-4.06	-3.73	-3.70	-4.23	-5.15	-7.25
θ (30°)	-3.64	-3.99	-5.55	-8.43	-11.21	-11.51	-10.18	-9.31	-9.98	-12.28	-15.83	-17.22	-15.27	-10.62	-6.48	-4.23	-3.27	-3.14	-3.27	-3.21	-3.47	-3.85	-3.90	-3.66	-3.64
θ (45°)	-2.55	-3.24	-4.59	-5.66	-7.19	-9.47	-11.74	-13.31	-13.84	-13.40	-10.47	-7.26	-6.26	-5.18	-3.73	-2.68	-1.68	-1.23	-1.09	-0.98	-1.32	-2.18	-2.86	-2.96	-2.55
θ (60°)	-3.98	-5.53	-5.85	-5.45	-7.33	-11.08	-14.26	-13.20	-9.83	-7.12	-6.61	-6.68	-5.04	-2.69	0.03	0.66	0.04	-0.30	-0.22	-0.13	-0.42	-0.69	-1.10	-2.93	-3.98
θ (75°)	-4.19	-5.55	-8.14	-11.96	-11.17	-11.56	-12.78	-12.61	-10.12	-6.54	-7.10	-6.05	-3.02	-1.26	-0.60	-0.82	-0.35	0.66	1.27	1.26	0.97	0.91	0.24	-0.78	-4.19
θ (90°)	-1.17	-3.09	-6.32	-9.15	-15.75	-17.56	-13.68	-13.26	-13.32	-11.58	-9.59	-6.49	-4.91	-1.44	-0.44	0.51	1.12	1.29	1.35	[1.37]	1.02	0.21	-0.09	-0.47	-1.17
θ (105°)	-2.25	-2.88	-5.08	-7.33	-11.99	-23.00	-16.06	-19.56	-23.61	-10.24	-8.05	-5.31	-1.55	-1.85	-1.96	-0.35	0.30	0.42	0.51	0.38	0.06	-0.76	-2.34	-2.61	-2.25
θ (120°)	-6.92	-5.67	-5.51	-9.19	-15.98	-33.80	-29.13	-28.65	-14.23	-9.47	-10.63	-6.44	-5.33	-5.81	-2.92	-1.75	-1.50	-1.78	-2.82	-3.93	-3.98	-4.14	-5.22	-5.43	-6.92
θ (135°)	-11.00	-12.97	-15.66	-13.15	-10.88	-10.89	-12.78	-15.89	-15.70	-10.72	-9.52	-7.31	-5.69	-6.88	-6.92	-6.36	-5.40	-4.42	-4.07	-4.11	-3.93	-3.92	-5.26	-7.98	-11.00
θ (150°)	-11.97	-9.92	-7.99	-9.04	-13.21	-19.53	-18.54	-21.20	-17.01	-10.88	-10.31	-15.57	-13.93	-8.91	-6.89	-5.23	-4.65	-5.04	-6.20	-7.48	-9.01	-10.29	-10.82	-11.67	-11.97
θ (165°)	-12.98	-13.46	-17.47	-26.15	-36.17	-24.99	-23.78	-24.92	-22.11	-16.20	-14.95	-17.10	-25.37	-17.64	-12.14	-9.24	-8.28	-8.07	-8.03	-8.17	-8.78	-10.50	-13.43	-14.57	-12.98
θ (180°)	-13.34	-12.78	-11.90	-12.53	-13.82	-14.99	-15.47	-15.28	-14.31	-13.32	-12.95	-13.32	-13.80	-13.87	-14.15	-13.50	-13.04	-11.72	-10.86	-11.02	-12.07	-13.56	-14.29	-13.95	-13.34
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°)	-5.72	-5.01	-4.50	-4.65	-5.26	-6.55	-9.07	-13.74	-17.90	-13.48	-9.43	-6.82	-5.22	-4.30	-3.92	-4.15	-5.13	-6.94	-9.73	-13.59	-17.74	-15.08	-10.63	-7.76	-5.72
θ (15°)	-6.38	-6.16	-6.59	-7.66	-9.67	-12.48	-14.22	-13.15	-9.91	-7.32	-5.77	-4.96	-4.56	-4.28	-4.21	-4.65	-5.88	-8.05	-11.00	-14.95	-21.36	-16.18	-10.32	-7.86	-6.38
θ (30°)	-11.53	-10.62	-8.87	-8.95	-10.74	-14.28	-19.40	-22.43	-15.60	-10.64	-7.41	-5.29	-4.21	-4.16	-5.11	-6.95	-9.34	-11.40	-13.05	-15.69	-17.82	-16.06	-11.82	-10.29	-11.53
θ (45°)	-8.18	-6.65	-8.97	-10.16	-10.45	-13.59	-25.46	-17.27	-10.35	-7.41	-6.81	-7.93	-7.82	-7.88	-10.69	-14.55	-18.04	-21.26	-24.43	-22.45	-15.28	-10.05	-8.61	-10.89	-8.18
θ (60°)	-12.09	-11.89	-11.11	-8.09	-8.07	-9.88	-14.25	-20.21	-14.73	-11.97	-12.37	-6.81	-7.60	-9.62	-9.31	-15.48	-23.99	-26.70	-18.39	-17.61	-19.39	-15.26	-13.74	-16.47	-12.09
θ (75°)	-21.19	-19.13	-18.57	-23.50	-22.26	-24.00	-20.02	-23.44	-16.81	-10.88	-11.83	-14.29	-15.51	-20.54	-24.81	-31.66	-25.75	-19.83	-16.74	-15.55	-15.91	-18.24	-22.60	-23.25	-21.19
θ (90°)	-7.92	-8.70	-7.92	-8.32	-9.44	-13.03	-24.51	-18.30	-11.37	-12.44	-11.74	-12.59	-16.88	-13.58	-16.33	-12.85	-13.72	-16.32	-24.57	-24.86	-23.30	-13.19	-9.56	-12.28	-7.92
θ (105°)	-7.94	-7.38	-8.75	-8.47	-7.33	-8.58	-16.17	-13.86	-6.73	-8.96	-12.14	-8.51	-9.93	-9.87	-7.66	-7.09	-9.36	-11.72	-13.01	-12.44	-10.78	-12.14	-9.63	-6.19	-7.94
θ (120°)	-9.13	-6.38	-8.08	-5.74	[-2.70]	-4.28	-11.42	-17.57	-6.70	-5.73	-15.51	-10.15	-11.85	-15.42	-11.19	-11.02	-10.36	-10.91	-11.70	-12.49	-12.59	-12.01	-9.60	-7.93	-9.13
θ (135°)	-6.47	-9.13	-8.55	-3.51	-2.95	-6.12	-16.60	-10.24	-6.50	-9.79	-14.50	-11.51	-13.41	-7.97	-9.55	-18.39	-14.94	-11.40	-9.35	-8.95	-8.08	-6.40	-7.42	-9.62	-6.47
θ (150°)	-14.72	-15.62	-10.22	-7.26	-7.48	-11.61	-24.70	-9.92	-5.47	-5.29	-8.85	-13.16	-12.28	-14.72	-18.82	-22.26	-19.93	-16.38	-14.08	-12.31	-12.54	-15.11	-15.19	-13.12	-14.72
θ (165°)	-15.53	-12.34	-10.06	-10.21	-12.76	-20.72	-24.95	-14.42	-10.67	-9.50	-9.79	-9.89	-9.02	-8.69	-8.85	-10.25	-11.98	-13.82	-14.69	-14.33	-13.97	-12.39	-11.72	-13.31	-15.53
θ (180°)	-11.05	-11.88	-12.78	-13.06	-14.05	-14.62	-14.90	-15.04	-14.76	-14.09	-13.60	-13.39	-12.71	-11.76	-10.96	-11.33	-12.50	-13.66	-14.91	-17.33	-15.11	-11.89	-10.49	-10.40	-11.05

Ant.	No.5																								
Freq. (MHz)	5850																								
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°)	-8.56	-12.23	-19.49	-15.57	-10.10	-6.86	-4.88	-3.83	-3.38	-3.49	-4.26	-5.90	-8.74	-13.93	-26.27	-16.12	-10.03	-6.66	-4.60	-3.41	-2.92	-3.13	-3.91	-5.41	-8.56
θ (15°)	-6.87	-9.10	-11.51	-12.50	-10.79	-8.58	-7.50	-7.12	-6.70	-6.61	-7.58	-9.86	-14.62	-23.22	-14.04	-8.95	-6.51	-5.23	-4.49	-3.88	-3.54	-3.65	-4.13	-4.81	-6.87
θ (30°)	-4.61	-4.52	-5.61	-8.03	-10.06	-10.21	-9.83	-9.93	-10.46	-12.31	-15.82	-19.97	-17.34	-11.10	-6.90	-4.89	-4.22	-4.04	-3.88	-3.91	-3.84	-3.78	-3.93	-4.40	-4.61
θ (45°)	-2.97	-2.95	-4.67	-5.79	-7.32	-10.22	-12.70	-14.05	-14.91	-14.80	-10.41	-7.48	-6.77	-5.57	-3.73	-2.03	-0.85	-0.34	-0.26	-0.42	-0.73	-1.45	-2.52	-3.56	-2.97
θ (60°)	-3.18	-5.19	-7.06	-5.79	-7.25	-10.05	-11.78	-10.93	-8.31	-6.53	-7.02	-6.20	-4.42	-1.57	0.73	0.80	-0.09	-0.47	-0.13	0.48	0.52	0.04	-0.31	-1.49	-3.18
θ (75°)	-3.16	-5.88	-9.34	-14.22	-12.79	-12.74	-13.38	-11.81	-8.99	-7.28	-7.98	-4.74	-2.28	-0.72	-0.47	-0.54	0.26	1.01	1.46	[1.55]	1.15	0.80	0.61	-0.20	-3.16
θ (90°)	-1.21	-2.78	-6.21	-8.52	-13.44	-18.13	-14.89	-14.77	-14.32	-11.36	-9.96	-7.80	-5.53	-1.89	-0.82	-0.02	0.55	0.90	0.90	0.79	0.74	0.31	-0.29	-0.59	-1.21
θ (105°)	-2.70	-3.14	-5.02	-6.41	-10.42	-23.07	-18.44	-21.96	-16.30	-8.96	-8.89	-4.97	-1.51	-1.83	-1.80	-0.06	0.55	0.66	0.68	0.41	0.05	-0.53	-1.96	-2.66	-2.70
θ (120°)	-7.32	-6.70	-6.37	-9.45	-14.54	-24.58	-29.87	-26.70	-14.20	-10.14	-11.70	-5.72	-5.50	-5.74	-2.74	-1.67	-1.55	-1.81	-2.43	-3.54	-4.10	-3.81	-4.62	-5.70	-7.32
θ (135°)	-12.56	-13.14	-15.68	-14.14	-10.60	-10.24	-12.91	-14.99	-14.20	-11.64	-10.87	-7.44	-6.37	-9.30	-8.64	-6.84	-4.91	-3.22	-2.62	-3.16	-3.88	-3.89	-4.96	-7.93	-12.56
θ (150°)	-13.05	-10.68	-8.02	-8.09	-11.42	-18.39	-19.93	-21.48	-15.15	-10.07	-10.04	-15.76	-13.90	-9.48	-7.31	-5.53	-4.74	-5.06	-6.50	-8.35	-10.25	-11.20	-11.43	-12.23	-13.05
θ (165°)	-13.74	-13.96	-17.90	-24.28	-30.98	-25.51	-22.08	-24.53	-25.97	-19.75	-19.33	-24.72	-27.18	-15.80	-11.49	-8.82	-7.97	-7.94	-7.87	-7.62	-7.83	-9.29	-12.23	-14.55	-13.74
θ (180°)	-12.61	-12.57	-12.48	-12.79	-13.68	-14.42	-15.13	-14.94	-14.30	-13.30	-12.47	-12.38	-12.95	-13.94	-14.72	-13.60	-12.40	-11.80	-11.36	-11.07	-11.35	-12.06	-12.70	-12.76	-12.61
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°)	-4.72	-3.85	-3.24	-3.19	-4.03	-6.08	-9.40	-15.17	-28.56	-14.99	-9.12	-6.16	-4.45	-3.58	-3.28	-3.56	-4.38	-5.77	-8.36	-13.50	-25.42	-14.92	-9.33	-6.62	-4.72
θ (15°)	-6.51	-5.74	-5.88	-6.61	-7.93	-9.74	-11.35	-12.06	-10.07	-8.10	-6.67	-5.65	-4.68	-3.86	-3.67	-4.28	-5.75	-8.10	-11.23	-16.45	-30.57	-20.06	-12.51	-9.26	-6.51
θ (30°)	-10.04	-10.33	-9.18	-9.50	-11.69	-15.43	-22.61	-21.51	-12.60	-8.39	-5.46	-4.06	-3.71	-3.84	-4.61	-6.61	-9.54	-13.09	-16.61	-19.77	-22.57	-18.51	-12.37	-9.46	-10.04
θ (45°)	-8.42	-5.48	-7.34	-9.48	-10.31	-13.99	-29.93	-15.32	-9.47	-8.05	-8.09	-7.93	-7.56	-7.95	-10.88	-15.65	-17.65	-20.75	-25.23	-24.32	-19.60	-12.56	-9.28	-10.76	-8.42
θ (60°)	-9.91	-9.52	-10.64	-7.25	-7.05	-9.17	-13.48	-22.73	-16.21	-12.45	-11.44	-6.17	-8.34	-8.61	-8.10	-16.23	-27.13	-22.06	-17.80	-15.85	-17.48	-16.14	-13.09	-16.48	-9.91
θ (75°)	-15.93	-17.80	-15.86	-18.55	-17.51	-15.35	-16.92	-29.02	-13.02	-8.09	-11.26	-13.18	-14.56	-27.23	-32.75	-21.42	-18.28	-16.82	-17.97	-14.84	-13.74	-14.93	-15.84	-22.95	-15.93
θ (90°)	-9.73	-10.18	-8.81	-9.78	-10.60	-13.30	-21.83	-19.41	-12.59	-12.95	-11.72	-14.31	-13.84	-15.31	-13.02	-11.99	-14.97	-18.29	-23.10	-30.61	-19.70	-14.94	-10.54	-13.04	-9.73
θ (105°)	-7.26	-7.00	-7.78	-8.31	-8.07	-9.85	-17.44	-15.14	-8.63	-11.48	-12.89	-9.03	-9.97	-9.51	-7.26	-7.36	-9.60	-12.37	-14.55	-14.08	-11.79	-11.99	-10.75	-6.60	-7.26
θ (120°)	-8.40	-6.34	-7.32	-5.73	[-2.57]	-3.76	-10.51	-17.34	-6.15	-5.12	-14.63	-9.25	-11.41	-13.62	-10.39	-10.56	-11.31	-12.09	-12.47	-12.84	-12.07	-11.88	-10.21	-6.76	-8.40
θ (135°)	-6.42	-8.56	-9.39	-3.64	-2.65	-5.52	-16.96	-10.04	-6.06	-9.36	-14.99	-11.84	-11.70	-6.59	-8.15	-16.53	-15.81	-11.99	-10.21	-9.71	-9.00	-7.11	-7.00	-8.74	-6.42
θ (150°)	-15.52	-15.62	-10.19	-7.13	-7.50	-11.96	-38.01	-10.48	-5.96	-5.78	-9.33	-13.36	-13.09	-17.80	-30.43	-38.45	-23.22	-15.39	-12.86	-12.30	-12.04	-12.87	-15.16	-14.56	-15.52
θ (165°)	-17.13	-13.16	-10.41	-10.32	-12.52	-18.38	-33.21	-16.80	-11.99	-10.21	-9.58	-8.97	-8.17	-8.04	-8.35	-9.25	-10.21	-11.15	-12.57	-12.75	-11.72	-11.45	-12.15	-14.10	-17.13
θ (180°)	-10.18	-10.70	-11.62	-12.47	-13.79	-14.80	-15.07	-13.98	-13.47	-13.99	-14.09	-13.79	-13.16	-12.08	-11.27	-10.93	-11.60	-12.94	-14.15	-14.82	-15.75	-13.60	-11.06	-9.96	-10.18

Ant.	No.1																								
Freq. (MHz)	5875																								
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°)	-11.46	-8.73	-6.41	-4.91	-4.27	-4.24	-4.83	-6.14	-8.52	-12.42	-19.67	-23.83	-12.98	-8.37	-6.14	-5.03	-4.58	-4.73	-5.56	-6.97	-8.83	-11.80	-17.94	-18.95	-11.46
θ (15°)	-8.14	-6.39	-5.17	-4.04	-3.35	-3.15	-3.47	-4.37	-5.99	-8.91	-13.39	-22.26	-25.88	-17.95	-14.09	-10.88	-8.69	-7.92	-8.23	-9.30	-10.88	-12.55	-12.83	-11.32	-8.14
θ (30°)	-6.15	-5.65	-4.50	-4.18	-4.09	-3.43	-2.94	-3.16	-3.73	-4.56	-6.36	-8.88	-9.37	-9.02	-9.40	-10.19	-11.18	-12.17	-12.69	-12.96	-11.99	-9.07	-6.00	-4.94	-6.15
θ (45°)	-3.79	-3.61	-2.78	-3.06	-2.81	-2.12	-2.01	-2.41	-3.16	-3.60	-3.52	-4.50	-5.15	-6.89	-10.41	-9.82	-9.60	-10.32	-9.85	-7.99	-6.39	-6.53	-5.87	-4.17	-3.79
θ (60°)	-4.11	-3.10	-1.24	-0.87	-1.23	-1.01	-0.98	-1.12	-0.89	-0.63	-0.92	-2.40	-2.57	-3.48	-5.19	-6.73	-10.70	-13.80	-15.35	-13.88	-10.09	-7.77	-7.52	-5.37	-4.11
θ (75°)	-3.34	-0.92	0.12	-0.04	0.30	0.53	0.71	0.51	0.33	0.40	-0.70	-2.18	-4.64	-6.07	-5.88	-7.47	-12.76	-18.50	-21.78	-18.57	-12.28	-11.71	-6.84	-4.16	-3.34
θ (90°)	-1.06	-0.19	0.48	0.64	0.66	0.63	0.83	0.82	-0.19	-0.01	0.64	-1.46	-3.12	-5.40	-11.34	-11.34	-14.82	-25.09	-30.99	-22.57	-12.90	-8.05	-5.50	-2.74	-1.06
θ (105°)	-1.98	-1.19	-0.61	0.26	0.23	0.50	1.09	[1.32]	0.99	0.23	-0.75	-1.30	-2.95	-5.40	-6.63	-12.16	-20.70	-16.41	-20.20	-13.57	-7.32	-6.93	-4.91	-2.54	-1.98
θ (120°)	-5.81	-6.22	-5.38	-4.30	-3.87	-2.03	-0.59	-0.19	-0.64	-1.59	-2.59	-4.05	-6.00	-8.85	-13.84	-15.14	-20.42	-17.65	-16.49	-17.66	-14.56	-10.21	-5.99	-6.01	-5.81
θ (135°)	-10.14	-6.10	-5.68	-6.11	-4.42	-3.44	-3.22	-3.62	-4.88	-6.83	-9.95	-12.10	-7.90	-8.18	-9.38	-10.73	-18.80	-18.30	-16.24	-16.61	-13.32	-12.24	-16.55	-16.85	-10.14
θ (150°)	-19.28	-19.36	-17.15	-14.12	-10.29	-7.75	-6.55	-6.13	-5.98	-5.45	-4.98	-5.41	-8.26	-19.13	-14.46	-11.55	-15.09	-23.87	-47.88	-25.58	-16.50	-11.05	-9.28	-11.32	-19.28
θ (165°)	-13.11	-16.64	-15.69	-11.66	-9.13	-7.71	-6.63	-6.25	-6.17	-6.26	-7.18	-9.66	-15.64	-22.26	-16.86	-16.02	-17.84	-17.17	-15.36	-17.16	-23.96	-20.00	-13.76	-11.76	-13.11
θ (180°)	-12.43	-13.96	-15.98	-20.60	-26.93	-18.39	-14.85	-12.76	-11.35	-11.18	-11.53	-12.02	-13.97	-18.49	-25.46	-38.91	-23.39	-17.87	-14.77	-13.06	-12.25	-11.70	-11.21	-11.06	-12.43
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°)	-5.50	-6.73	-9.03	-13.14	-22.77	-21.49	-12.11	-8.14	-6.03	-4.82	-4.40	-4.61	-5.53	-7.12	-9.79	-14.30	-23.14	-18.81	-11.80	-8.50	-6.57	-5.41	-4.77	-4.67	-5.50
θ (15°)	-7.31	-8.86	-11.55	-16.65	-34.98	-17.96	-11.14	-7.93	-6.13	-5.14	-4.72	-4.66	-4.71	-5.18	-6.32	-8.23	-16.93	-12.38	-11.56	-9.74	-7.83	-6.80	-6.54	-6.68	-7.31
θ (30°)	-12.59	-11.64	-13.63	-21.23	-29.56	-22.27	-17.53	-12.91	-9.77	-7.69	-6.73	-6.27	-5.62	-5.49	-7.22	-11.00	-16.03	-22.08	-26.70	-19.35	-14.81	-12.32	-11.43	-12.70	-12.59
θ (45°)	-10.20	-10.53	-10.13	-14.62	-24.76	-27.46	-29.07	-24.00	-17.59	-11.89	-9.02	-7.31	-6.43	-7.26	-8.69	-9.11	-11.45	-21.24	-19.36	-12.37	-11.09	-11.75	-9.37	-7.90	-10.20
θ (60°)	-12.11	-12.79	-12.15	-13.12	-13.56	-12.37	-13.86	-23.50	-20.56	-15.20	-10.63	-8.01	-6.91	-8.11	-12.30	-10.15	-12.38	-22.77	-14.15	-10.23	-9.58	-10.33	-13.16	-12.41	-12.11
θ (75°)	-23.47	-17.22	-16.26	-13.81	-13.02	-15.55	-18.71	-18.48	-26.45	-17.39	-16.16	-18.84	-13.36	-14.70	-13.60	-13.86	-18.86	-21.81	-22.22	-17.85	-17.78	-23.97	-22.23	-21.32	-23.47
θ (90°)	-10.08	-12.90	-11.43	-21.55	-27.96	-30.85	-22.73	-20.24	-16.50	-13.95	-14.84	-18.64	-23.08	-16.48	-15.23	-20.06	-25.31	-28.47	-20.02	-11.82	-7.81	-8.19	-11.11	-9.11	-10.08
θ (105°)	-6.90	-8.64	-11.07	-11.22	-19.22	-29.29	-23.34	-16.25	-11.38	-9.98	-11.75	-12.76	-10.06	-12.85	-13.68	-9.56	-8.23	-17.59	-15.24	-7.78	-5.56	-7.28	-6.48	-6.13	-6.90
θ (120°)	-8.24	-7.51	-10.01	-10.27	-9.40	-10.38	-12.03	-14.15	-12.58	-9.22	-8.89	-9.87	-10.89	-10.32	-17.46	-6.74	-5.54	-12.15	-12.48	-4.48	-2.84	-6.01	-8.81	-5.71	-8.24
θ (135°)	-7.66	-9.46	-8.38	-9.05	-9.24	-10.05	-12.46	-13.77	-10.56	-11.01	-14.38	-9.54	-11.41	-14.37	-13.44	-8.56	-7.71	-16.98	-11.78	-4.13	[-2.10]	-4.56	-9.64	-6.65	-7.66
θ (150°)	-11.11	-10.00	-12.13	-13.19	-11.60	-11.42	-12.69	-17.30	-41.93	-17.08	-14.50	-14.68	-10.58	-9.10	-11.35	-8.41	-6.48	-8.40	-14.33	-14.04	-7.76	-6.14	-8.57	-15.41	-11.11
θ (165°)	-12.39	-9.38	-7.93	-7.93	-8.97	-10.14	-11.33	-13.68	-18.29	-18.88	-14.28	-11.23	-10.73	-13.44	-19.20	-17.43	-14.70	-16.88	-20.95	-13.41	-9.86	-9.02	-10.23	-12.56	-12.39
θ (180°)	-14.49	-13.28	-11.86	-10.70	-10.16	-10.15	-11.08	-13.04	-15.67	-18.69	-19.22	-16.00	-13.24	-11.65	-11.72	-12.23	-12.48	-13.59	-16.60	-20.95	-25.46	-31.30	-29.38	-19.23	-14.49

Ant.	No.1																								
Freq. (MHz)	5895																								
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°)	-12.04	-9.20	-6.77	-5.21	-4.50	-4.45	-4.92	-6.18	-8.41	-12.41	-20.28	-25.23	-13.69	-8.68	-6.11	-5.00	-4.71	-4.92	-5.59	-6.74	-8.48	-11.49	-17.82	-19.09	-12.04
θ (15°)	-8.52	-6.86	-5.59	-4.36	-3.63	-3.41	-3.67	-4.51	-6.05	-8.89	-13.47	-22.66	-22.34	-16.02	-13.47	-10.79	-8.73	-8.08	-8.69	-10.04	-11.76	-13.34	-13.43	-11.63	-8.52
θ (30°)	-6.32	-5.63	-4.61	-4.48	-4.33	-3.63	-3.05	-3.12	-3.75	-4.56	-6.22	-8.80	-9.92	-9.44	-9.45	-9.90	-10.79	-12.01	-12.72	-12.87	-11.67	-8.67	-5.87	-5.20	-6.32
θ (45°)	-3.88	-3.40	-2.73	-3.02	-2.52	-1.83	-1.82	-2.24	-3.16	-3.66	-3.50	-4.55	-5.46	-6.87	-10.28	-10.45	-10.30	-10.76	-10.25	-8.43	-6.97	-7.02	-5.79	-4.13	-3.88
θ (60°)	-4.03	-2.85	-1.09	-0.90	-1.20	-0.90	-0.90	-1.11	-0.85	-0.74	-1.05	-2.26	-2.62	-3.37	-5.28	-6.91	-10.74	-14.07	-15.81	-13.87	-10.17	-7.91	-7.47	-5.24	-4.03
θ (75°)	-3.36	-0.75	0.09	-0.07	0.24	0.54	0.82	0.60	0.33	0.41	-0.77	-2.15	-4.52	-6.04	-5.85	-7.00	-11.98	-18.44	-22.56	-17.55	-12.27	-12.02	-6.50	-4.03	-3.36
θ (90°)	-1.16	-0.11	0.37	0.61	0.60	0.43	0.64	0.77	-0.18	-0.28	0.44	-1.31	-3.16	-5.22	-11.31	-11.90	-14.28	-24.21	-38.95	-21.47	-13.16	-8.35	-5.50	-2.68	-1.16
θ (105°)	-1.99	-1.16	-0.66	0.15	0.11	0.35	0.82	[1.24]	0.95	0.09	-0.79	-1.30	-2.98	-5.39	-6.80	-12.05	-20.45	-17.02	-20.99	-13.32	-7.49	-7.33	-4.75	-2.57	-1.99
θ (120°)	-5.88	-6.30	-5.42	-4.52	-4.02	-2.11	-0.76	-0.34	-0.65	-1.52	-2.55	-4.01	-6.05	-8.89	-14.01	-16.26	-21.03	-17.17	-15.87	-16.97	-14.88	-10.14	-5.84	-6.02	-5.88
θ (135°)	-10.09	-6.16	-6.01	-6.21	-4.43	-3.54	-3.11	-3.35	-4.78	-6.82	-9.74	-12.60	-8.90	-9.02	-9.66	-10.50	-18.06	-18.94	-16.05	-15.84	-12.98	-12.19	-16.70	-17.49	-10.09
θ (150°)	-19.45	-18.99	-17.41	-14.72	-10.92	-8.23	-7.06	-6.55	-6.50	-5.82	-5.19	-5.49	-8.19	-19.15	-14.55	-11.58	-14.69	-21.86	-36.24	-24.92	-16.23	-10.89	-9.38	-11.64	-19.45
θ (165°)	-13.19	-16.59	-15.32	-11.89	-9.34	-7.68	-6.52	-6.14	-6.23	-6.33	-7.17	-9.51	-14.99	-21.39	-17.11	-16.50	-18.34	-16.84	-15.15	-17.27	-24.95	-19.89	-13.87	-11.95	-13.19
θ (180°)	-12.55	-14.37	-17.05	-22.03	-27.62	-18.58	-14.79	-12.63	-11.52	-11.37	-11.49	-12.09	-14.41	-19.11	-25.70	-33.16	-23.01	-17.97	-14.90	-13.24	-12.51	-11.89	-11.36	-11.17	-12.55
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°)	-5.70	-6.95	-9.21	-13.15	-21.79	-24.10	-13.07	-8.46	-6.12	-4.95	-4.49	-4.67	-5.50	-6.97	-9.52	-13.50	-21.20	-20.49	-12.30	-8.70	-6.77	-5.50	-4.80	-4.75	-5.70
θ (15°)	-7.75	-9.36	-12.16	-17.06	-35.01	-18.28	-11.45	-8.04	-6.13	-5.12	-4.89	-4.95	-5.04	-5.56	-6.64	-8.51	-11.20	-12.61	-11.20	-9.28	-7.71	-6.88	-6.68	-6.91	-7.75
θ (30°)	-12.53	-11.81	-14.20	-22.32	-28.75	-24.23	-19.16	-13.49	-9.90	-7.73	-6.82	-6.40	-5.80	-5.65	-7.17	-10.67	-16.02	-21.36	-24.59	-18.85	-14.46	-12.30	-11.50	-12.73	-12.53
θ (45°)	-10.98	-10.94	-10.80	-16.20	-26.10	-27.45	-29.46	-26.11	-18.72	-12.07	-9.11	-7.78	-6.60	-7.31	-8.67	-9.13	-11.26	-20.49	-19.59	-12.51	-11.76	-11.99	-9.47	-8.19	-10.98
θ (60°)	-12.18	-12.88	-12.06	-12.95	-12.84	-12.01	-14.06	-22.62	-22.77	-14.97	-11.08	-8.43	-6.85	-7.98	-12.12	-10.00	-12.42	-23.42	-13.75	-10.18	-9.42	-10.16	-13.26	-12.25	-12.18
θ (75°)	-21.34	-15.23	-14.46	-13.21	-12.39	-15.06	-19.05	-18.29	-22.61	-17.60	-14.85	-19.24	-13.18	-14.22	-12.95	-13.07	-18.89	-22.05	-20.81	-16.70	-16.19	-22.30	-20.37	-19.81	-21.34
θ (90°)	-10.61	-13.09	-11.99	-22.23	-25.60	-31.16	-23.87	-19.82	-16.38	-13.78	-13.98	-17.47	-21.38	-17.26	-14.63	-17.74	-21.78	-25.49	-20.81	-12.03	-7.96	-8.76	-11.45	-9.08	-10.61
θ (105°)	-6.99	-9.01	-11.48	-12.14	-21.15	-29.40	-22.23	-16.33	-11.54	-9.55	-11.37	-12.81	-9.63	-13.30	-14.33	-10.08	-8.60	-17.73	-15.45	-7.50	-5.43	-7.58	-6.65	-6.36	-6.99
θ (120°)	-8.16	-7.44	-10.08	-10.41	-9.35	-10.28	-11.96	-14.12	-12.99	-9.18	-8.58	-9.98	-10.90	-10.11	-16.91	-6.71	-5.40	-11.98	-12.50	-4.62	-3.00	-6.32	-8.89	-5.73	-8.16
θ (135°)	-8.17	-9.73	-8.41	-9.10	-9.56	-9.95	-11.85	-13.83	-10.82	-10.60	-14.52	-9.84	-11.22	-13.92	-13.25	-8.26	-7.48	-17.34	-11.12	-4.02	[-2.22]	-4.80	-9.60	-6.76	-8.17
θ (150°)	-11.41	-10.47	-12.37	-12.97	-11.59	-11.48	-12.82	-17.39	-42.62	-16.60	-14.03	-14.59	-10.49	-8.85	-10.70	-8.17	-6.31	-8.00	-14.06	-14.23	-7.86	-6.41	-9.08	-16.23	-11.41
θ (165°)	-12.10	-9.06	-7.66	-7.77	-9.03	-10.64	-12.03	-14.00	-18.25	-17.84	-13.52	-10.85	-10.62	-12.90	-17.42	-16.44	-13.93	-16.62	-20.73	-13.48	-10.05	-9.32	-10.49	-12.82	-12.10
θ (180°)	-14.45	-13.08	-11.69	-10.71	-10.17	-10.21	-11.00	-12.87	-16.02	-19.94	-20.04	-15.83	-12.91	-11.70	-11.59	-11.82	-12.57	-14.23	-17.29	-21.46	-25.99	-32.23	-28.12	-19.44	-14.45

Ant.	No.2																								
Freq. (MHz)	5875																								
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°)	-23.17	-10.93	-5.46	-2.51	-0.79	0.09	0.20	-0.30	-1.26	-2.97	-5.99	-11.99	-29.90	-11.92	-6.27	-3.19	-1.41	-0.47	-0.08	-0.34	-1.47	-3.67	-7.09	-13.23	-23.17
θ (15°)	-12.25	-6.66	-3.38	-1.23	0.16	0.84	1.00	0.63	-0.29	-1.95	-4.56	-8.89	-17.33	-15.33	-8.64	-5.71	-4.15	-3.40	-3.40	-3.76	-4.65	-6.81	-11.89	-23.08	-12.25
θ (30°)	-8.16	-4.71	-1.92	-0.01	1.22	1.85	1.90	1.67	1.12	-0.04	-1.99	-4.94	-9.40	-15.21	-14.91	-10.25	-7.66	-6.48	-5.96	-6.32	-7.83	-11.18	-17.80	-15.84	-8.16
θ (45°)	-5.27	-2.39	-0.33	1.01	1.92	[2.37]	2.36	2.17	1.69	0.68	-1.09	-3.70	-6.91	-10.81	-14.61	-14.78	-12.85	-11.58	-11.06	-11.16	-11.99	-13.56	-12.67	-9.50	-5.27
θ (60°)	-4.42	-2.42	-0.29	1.21	1.88	2.21	2.34	2.18	1.97	1.52	0.31	-1.87	-4.14	-6.12	-8.88	-11.86	-12.95	-12.71	-12.87	-13.32	-13.36	-11.79	-9.20	-6.74	-4.42
θ (75°)	-3.77	-1.97	-0.56	0.38	0.89	1.09	1.26	1.19	1.23	1.32	0.30	-2.20	-4.24	-5.14	-7.88	-10.75	-12.79	-14.70	-15.95	-15.75	-13.10	-9.36	-7.07	-5.89	-3.77
θ (90°)	-5.37	-4.18	-2.62	-1.57	-1.17	-0.64	-0.21	-0.10	-0.04	-0.05	-0.60	-2.06	-3.91	-4.86	-6.27	-8.64	-11.50	-14.11	-16.05	-16.25	-13.73	-10.49	-7.37	-6.10	-5.37
θ (105°)	-6.46	-6.10	-4.93	-4.26	-4.33	-3.76	-3.27	-3.18	-3.12	-2.40	-2.52	-3.98	-5.34	-5.93	-6.92	-10.03	-12.08	-14.29	-15.50	-15.25	-13.53	-9.79	-6.92	-6.89	-6.46
θ (120°)	-9.36	-9.16	-8.68	-8.18	-8.48	-8.49	-8.03	-7.58	-6.61	-5.56	-4.98	-5.34	-6.40	-7.57	-7.20	-9.60	-15.57	-15.40	-14.69	-16.99	-17.29	-11.42	-9.02	-9.89	-9.36
θ (135°)	-13.21	-11.64	-11.33	-11.91	-12.55	-13.40	-13.75	-12.46	-10.41	-9.36	-9.33	-9.79	-10.23	-10.19	-9.87	-12.15	-17.13	-17.18	-16.94	-23.70	-18.04	-11.89	-10.77	-12.28	-13.21
θ (150°)	-18.99	-18.57	-18.25	-18.52	-19.17	-19.62	-19.13	-18.28	-16.15	-13.64	-11.88	-11.69	-13.57	-14.54	-12.75	-13.38	-17.78	-21.43	-20.50	-21.09	-19.25	-15.88	-14.54	-16.35	-18.99
θ (165°)	-30.60	-43.36	-38.47	-31.47	-28.23	-25.23	-24.39	-24.84	-23.71	-20.55	-18.53	-18.32	-18.52	-18.83	-20.09	-23.51	-27.25	-23.42	-22.56	-26.71	-30.25	-23.05	-20.83	-22.14	-30.60
θ (180°)	-28.36	-27.19	-25.52	-25.25	-26.00	-27.41	-34.55	-37.76	-35.26	-32.68	-30.00	-34.82	-31.59	-27.19	-26.22	-27.13	-29.17	-33.55	-32.50	-32.67	-31.44	-29.29	-28.39	-27.51	-28.36
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°)	[0.02]	-0.35	-1.45	-3.58	-7.13	-14.09	-24.07	-10.34	-5.73	-3.12	-1.27	-0.28	-0.10	-0.64	-1.99	-4.31	-8.04	-14.62	-26.66	-10.01	-4.74	-2.12	-0.76	-0.15	0.02
θ (15°)	-0.23	-0.86	-2.08	-4.37	-8.29	-15.75	-22.54	-9.93	-5.11	-2.43	-0.95	-0.39	-0.54	-1.30	-2.94	-5.47	-9.51	-19.64	-17.69	-9.14	-5.01	-2.49	-0.89	-0.22	-0.23
θ (30°)	-0.55	-0.88	-2.03	-4.45	-8.40	-15.20	-23.12	-10.72	-5.91	-3.49	-2.02	-1.00	-0.95	-1.78	-3.31	-5.77	-9.83	-17.29	-28.31	-13.48	-7.76	-4.14	-1.97	-0.90	-0.55
θ (45°)	-0.86	-1.95	-3.23	-5.52	-10.36	-20.30	-17.06	-9.44	-5.89	-3.72	-2.15	-1.26	-1.38	-2.57	-4.46	-7.32	-11.51	-19.25	-22.19	-11.88	-7.50	-4.59	-2.27	-1.01	-0.86
θ (60°)	-1.75	-2.39	-4.36	-6.73	-10.94	-20.09	-17.54	-10.87	-6.50	-3.87	-2.70	-1.79	-1.59	-2.74	-5.21	-8.56	-11.45	-16.87	-27.25	-15.43	-9.48	-5.92	-3.54	-2.21	-1.75
θ (75°)	-3.89	-4.55	-6.59	-10.15	-13.91	-21.11	-15.33	-9.90	-6.61	-4.21	-3.56	-3.28	-3.02	-4.34	-7.29	-9.35	-13.66	-22.27	-20.94	-13.66	-9.50	-6.83	-4.77	-3.66	-3.89
θ (90°)	-6.36	-7.67	-8.97	-11.68	-16.85	-27.45	-17.96	-11.60	-8.42	-6.38	-5.23	-5.23	-5.67	-5.66	-8.29	-11.01	-14.07	-21.44	-23.15	-14.76	-10.83	-8.94	-7.22	-5.35	-6.36
θ (105°)	-9.43	-10.97	-12.87	-13.79	-18.76	-27.89	-18.56	-13.21	-9.68	-7.70	-7.36	-7.36	-7.51	-7.26	-11.76	-14.77	-15.22	-23.35	-23.98	-16.90	-15.22	-13.42	-9.46	-8.58	-9.43
θ (120°)	-12.25	-12.86	-13.45	-15.89	-19.74	-24.79	-21.70	-16.71	-13.05	-10.53	-9.53	-9.94	-10.71	-11.96	-13.60	-19.61	-29.38	-29.18	-29.03	-25.75	-24.95	-21.58	-15.06	-12.65	-12.25
θ (135°)	-14.96	-13.83	-14.22	-15.20	-17.13	-22.10	-41.76	-19.80	-14.08	-11.75	-11.70	-13.38	-15.08	-15.05	-18.40	-25.26	-22.92	-25.18	-31.06	-24.13	-27.28	-23.89	-15.08	-14.09	-14.96
θ (150°)	-16.53	-17.88	-15.96	-14.96	-17.00	-22.45	-36.38	-22.66	-16.49	-13.74	-13.33	-14.88	-17.67	-21.66	-28.56	-21.48	-19.73	-23.95	-26.97	-19.68	-17.55	-21.89	-27.82	-17.33	-16.53
θ (165°)	-22.37	-22.87	-23.06	-22.74	-24.21	-27.98	-25.56	-23.17	-20.34	-18.31	-18.20	-19.88	-24.72	-31.43	-28.12	-28.10	-31.21	-39.64	-34.28	-24.16	-22.16	-25.48	-29.49	-25.05	-22.37
θ (180°)	-32.11	-35.56	-34.68	-30.29	-31.37	-33.46	-32.56	-29.11	-27.69	-26.65	-25.68	-27.51	-29.73	-27.85	-26.30	-27.44	-31.53	-31.45	-28.38	-28.83	-31.31	-29.31	-28.44	-28.05	-32.11

Ant.	No.2																								
Freq. (MHz)	5895																								
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°)	-23.18	-10.82	-5.59	-2.72	-1.02	-0.20	-0.01	-0.47	-1.41	-3.10	-6.07	-11.89	-28.90	-11.84	-6.47	-3.49	-1.73	-0.72	-0.29	-0.57	-1.76	-3.90	-7.05	-13.14	-23.18
θ (15°)	-12.94	-6.97	-3.54	-1.34	0.00	0.62	0.78	0.44	-0.51	-2.10	-4.76	-9.27	-17.92	-15.64	-8.56	-5.52	-4.04	-3.30	-3.11	-3.38	-4.32	-6.65	-12.05	-23.63	-12.94
θ (30°)	-8.35	-4.91	-2.11	-0.12	1.14	1.68	1.77	1.50	0.93	-0.21	-2.08	-4.98	-9.44	-15.63	-15.07	-10.24	-7.48	-6.29	-5.87	-6.20	-7.75	-11.23	-18.16	-16.43	-8.35
θ (45°)	-5.40	-2.57	-0.53	0.94	1.93	[2.34]	2.34	2.14	1.64	0.60	-1.24	-3.99	-7.29	-10.79	-13.86	-14.20	-12.90	-11.55	-10.92	-11.07	-11.85	-13.31	-12.49	-9.45	-5.40
θ (60°)	-4.54	-2.38	-0.18	1.25	1.86	2.18	2.30	2.16	1.87	1.37	0.19	-1.92	-4.34	-6.29	-8.92	-11.84	-12.99	-12.81	-12.90	-13.54	-13.66	-12.04	-9.35	-6.95	-4.54
θ (75°)	-3.76	-2.05	-0.56	0.45	0.92	1.15	1.34	1.25	1.13	1.21	0.34	-2.19	-4.36	-5.25	-8.06	-10.95	-12.97	-14.97	-16.39	-15.83	-12.71	-9.25	-7.11	-5.90	-3.76
θ (90°)	-5.25	-4.03	-2.52	-1.60	-1.17	-0.75	-0.40	-0.17	0.01	-0.02	-0.50	-1.99	-3.89	-4.84	-6.30	-8.85	-12.01	-15.08	-17.03	-16.76	-13.88	-10.28	-7.30	-6.13	-5.25
θ (105°)	-6.86	-6.37	-5.13	-4.45	-4.56	-3.89	-3.38	-3.15	-3.13	-2.47	-2.54	-3.90	-5.25	-6.15	-6.96	-9.97	-12.23	-14.43	-15.89	-15.86	-13.59	-9.56	-7.00	-7.04	-6.86
θ (120°)	-9.58	-9.46	-9.14	-8.76	-9.02	-9.19	-8.70	-8.06	-7.10	-5.77	-5.06	-5.51	-6.55	-7.62	-7.33	-9.49	-15.43	-16.41	-15.11	-16.77	-16.85	-11.06	-8.78	-9.93	-9.58
θ (135°)	-13.56	-12.11	-11.88	-12.49	-12.96	-13.56	-13.91	-12.93	-10.93	-9.65	-9.59	-9.89	-10.22	-10.47	-10.16	-12.26	-17.32	-17.35	-16.85	-23.68	-17.60	-11.91	-11.05	-12.74	-13.56
θ (150°)	-19.35	-19.16	-18.67	-18.92	-19.20	-19.51	-19.48	-18.59	-16.35	-13.90	-12.12	-12.02	-13.87	-14.78	-12.92	-13.57	-18.11	-22.13	-20.56	-20.78	-19.72	-16.19	-14.61	-16.54	-19.35
θ (165°)	-29.45	-37.04	-33.31	-30.77	-27.26	-24.81	-24.34	-25.56	-24.86	-21.65	-19.53	-18.72	-18.28	-19.69	-23.22	-27.19	-23.45	-21.92	-25.89	-29.63	-22.71	-20.66	-21.68	-29.45	
θ (180°)	-28.30	-27.02	-25.61	-25.41	-25.42	-26.68	-32.06	-36.36	-33.22	-32.38	-31.43	-38.53	-31.08	-27.05	-26.13	-26.69	-28.95	-31.13	-32.25	-33.28	-32.15	-30.07	-27.94	-26.88	-28.30
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°)	[-0.11]	-0.52	-1.73	-3.83	-7.27	-13.65	-25.38	-10.13	-5.64	-3.28	-1.64	-0.61	-0.34	-0.87	-2.17	-4.45	-8.02	-14.27	-25.62	-9.75	-4.72	-2.30	-1.01	-0.33	-0.11
θ (15°)	-0.48	-1.09	-2.37	-4.73	-8.46	-15.67	-21.85	-10.00	-5.47	-2.70	-1.13	-0.47	-0.62	-1.40	-3.03	-5.53	-9.66	-19.45	-18.77	-9.34	-5.02	-2.43	-0.95	-0.39	-0.48
θ (30°)	-0.63	-0.98	-2.33	-4.82	-8.65	-15.25	-22.09	-10.57	-5.96	-3.56	-2.18	-1.21	-1.06	-1.94	-3.46	-5.76	-9.61	-16.73	-28.22	-13.31	-7.55	-4.14	-2.01	-0.98	-0.63
θ (45°)	-1.13	-2.14	-3.25	-5.69	-10.45	-19.68	-17.21	-9.29	-5.92	-3.89	-2.35	-1.58	-1.62	-2.58	-4.34	-7.02	-11.35	-20.04	-21.34	-11.92	-7.66	-4.70	-2.27	-1.04	-1.13
θ (60°)	-2.00	-2.69	-4.58	-6.87	-11.65	-22.05	-17.07	-10.51	-6.50	-3.89	-2.85	-2.11	-1.76	-2.65	-4.96	-8.22	-11.33	-16.63	-30.51	-14.77	-9.27	-5.88	-3.49	-2.27	-2.00
θ (75°)	-4.06	-4.70	-6.81	-9.97	-13.79	-21.17	-15.17	-10.17	-6.71	-4.19	-3.52	-3.58	-3.19	-4.20	-7.26	-9.48	-13.34	-21.49	-21.42	-13.95	-9.50	-6.83	-4.95	-3.83	-4.06
θ (90°)	-6.92	-7.70	-8.69	-11.58	-16.79	-27.17	-17.96	-11.63	-8.22	-6.17	-5.34	-5.29	-5.81	-5.64	-8.21	-11.07	-14.20	-21.59	-24.56	-15.40	-10.79	-8.95	-7.29	-5.67	-6.92
θ (105°)	-9.85	-11.35	-12.45	-13.42	-19.00	-28.60	-18.70	-13.23	-9.75	-7.65	-7.07	-7.52	-7.96	-7.52	-11.63	-14.41	-15.04	-22.50	-24.78	-17.09	-14.90	-12.86	-9.42	-8.75	-9.85
θ (120°)	-12.53	-12.93	-13.53	-15.85	-19.35	-25.20	-21.37	-16.03	-12.62	-10.48	-9.43	-9.68	-10.94	-11.87	-13.67	-19.43	-28.06	-33.35	-29.22	-24.76	-24.35	-21.53	-14.96	-12.60	-12.53
θ (135°)	-14.86	-13.37	-13.97	-14.84	-16.44	-21.69	-37.23	-20.10	-14.00	-11.33	-11.48	-13.72	-14.68	-14.47	-17.91	-25.88	-24.16	-25.28	-27.88	-24.34	-27.00	-25.03	-15.85	-14.46	-14.86
θ (150°)	-16.54	-17.22	-15.34	-14.78	-16.82	-21.98	-44.40	-22.86	-16.90	-13.97	-13.25	-14.43	-17.62	-21.10	-27.43	-22.14	-20.43	-24.77	-26.86	-19.59	-17.03	-20.40	-29.15	-17.86	-16.54
θ (165°)	-21.52	-21.68	-21.95	-22.03	-24.95	-28.42	-27.41	-24.29	-20.29	-18.04	-17.81	-19.33	-23.80	-30.31	-29.56	-29.32	-28.92	-38.39	-29.87	-22.50	-21.28	-25.28	-30.08	-24.95	-21.52
θ (180°)	-30.42	-32.87	-34.27	-30.20	-30.77	-30.10	-29.86	-31.14	-29.10	-25.97	-24.65	-25.78	-26.59	-26.49	-26.90	-29.75	-32.98	-31.70	-29.16	-30.27	-30.07	-27.72	-27.46	-27.27	-30.42

Ant.	No.3																								
Freq. (MHz)	5875																								
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°)	-31.05	-11.06	-4.96	-1.76	0.12	1.15	1.49	1.20	0.25	-1.46	-4.23	-9.42	-29.87	-11.08	-4.79	-1.60	0.27	1.29	[1.63]	1.34	0.40	-1.34	-4.23	-9.68	-31.05
θ (15°)	-30.87	-9.52	-4.27	-1.51	0.18	1.11	1.37	0.99	-0.01	-1.72	-4.69	-10.51	-31.52	-9.70	-4.24	-1.39	0.29	1.17	1.42	1.12	0.19	-1.55	-4.66	-9.07	-30.87
θ (30°)	-37.90	-13.82	-7.00	-3.46	-1.22	0.16	0.68	0.50	-0.43	-2.28	-5.49	-11.38	-20.28	-10.26	-5.25	-2.68	-1.26	-0.54	-0.29	-0.44	-1.08	-2.44	-4.98	-9.74	-37.90
θ (45°)	-23.62	-15.59	-8.80	-5.08	-2.76	-1.53	-1.30	-2.01	-3.54	-6.01	-9.54	-15.78	-20.04	-10.58	-7.09	-5.54	-4.61	-4.01	-3.76	-3.87	-4.42	-5.29	-6.83	-9.49	-23.62
θ (60°)	-19.39	-15.06	-8.98	-5.76	-3.32	-2.04	-1.76	-2.36	-3.81	-6.44	-10.62	-17.43	-24.15	-12.08	-9.63	-8.97	-7.56	-5.84	-5.00	-5.28	-6.52	-7.91	-8.57	-10.26	-19.39
θ (75°)	-15.90	-13.18	-9.48	-7.11	-4.63	-3.34	-3.19	-4.10	-6.04	-8.26	-11.49	-23.20	-18.55	-14.13	-10.97	-8.29	-6.55	-5.45	-4.98	-5.31	-6.81	-9.02	-11.02	-12.22	-15.90
θ (90°)	-18.00	-13.63	-9.01	-7.08	-4.89	-3.74	-3.66	-4.27	-5.99	-7.61	-9.73	-17.79	-18.81	-14.58	-10.03	-6.72	-5.42	-4.68	-4.21	-4.21	-5.17	-7.26	-11.28	-15.44	-18.00
θ (105°)	-17.25	-10.81	-8.04	-7.11	-5.54	-4.72	-4.57	-5.38	-7.25	-9.14	-10.79	-16.27	-18.58	-14.28	-8.87	-6.53	-6.14	-6.12	-6.04	-6.49	-7.66	-9.76	-12.96	-14.51	-17.25
θ (120°)	-14.35	-9.82	-8.15	-7.96	-7.26	-6.69	-6.79	-7.28	-8.00	-9.23	-11.22	-14.53	-18.29	-20.00	-14.50	-10.31	-8.74	-8.15	-7.80	-8.41	-10.46	-12.61	-12.21	-12.81	-14.35
θ (135°)	-15.62	-12.24	-9.81	-8.51	-8.27	-8.46	-8.56	-8.75	-9.12	-9.56	-10.23	-12.99	-18.64	-14.49	-13.97	-12.96	-9.98	-8.34	-7.96	-8.49	-10.17	-13.48	-15.66	-15.85	-15.62
θ (150°)	-18.34	-18.22	-16.35	-14.49	-11.63	-10.29	-10.53	-12.06	-15.28	-20.98	-21.38	-20.88	-25.69	-14.63	-12.85	-18.62	-19.40	-12.68	-10.93	-12.56	-20.56	-17.61	-11.24	-11.51	-18.34
θ (165°)	-20.94	-23.66	-18.48	-14.39	-11.61	-9.82	-9.22	-9.96	-12.16	-15.09	-19.39	-25.28	-22.01	-17.05	-16.15	-18.34	-21.10	-18.28	-17.06	-18.46	-19.09	-16.23	-14.95	-16.03	-20.94
θ (180°)	-24.35	-21.11	-18.78	-17.45	-16.61	-16.13	-16.23	-16.53	-16.89	-17.83	-19.76	-22.74	-24.54	-21.81	-19.16	-17.67	-17.25	-17.37	-17.56	-18.58	-20.37	-22.80	-27.25	-28.99	-24.35
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°)	1.31	0.97	-0.01	-1.89	-4.96	-10.75	-25.13	-10.14	-4.50	-1.47	0.30	1.28	[1.56]	1.26	0.24	-1.61	-4.69	-10.36	-28.30	-10.67	-4.85	-1.76	0.08	1.04	1.31
θ (15°)	1.27	0.74	-0.48	-2.45	-5.99	-13.01	-20.88	-8.72	-4.15	-1.61	-0.03	0.87	1.15	0.78	-0.34	-2.43	-6.00	-13.54	-20.09	-7.90	-3.37	-0.80	0.61	1.17	1.27
θ (30°)	1.05	0.62	-0.26	-1.70	-4.30	-9.53	-23.90	-10.26	-4.56	-1.64	0.03	0.99	1.35	1.02	-0.26	-2.56	-6.49	-14.48	-20.15	-8.45	-3.86	-1.22	0.33	1.01	1.05
θ (45°)	1.02	0.40	-0.31	-1.70	-4.65	-10.99	-27.00	-9.28	-4.29	-1.67	-0.11	0.80	1.06	0.49	-1.04	-3.48	-7.49	-15.16	-20.84	-9.60	-4.71	-1.69	0.18	1.00	1.02
θ (60°)	0.90	0.21	-0.89	-1.98	-4.48	-10.44	-28.21	-9.04	-3.78	-1.35	-0.40	0.07	0.58	0.33	-1.03	-3.18	-6.38	-12.29	-39.08	-12.29	-6.47	-3.18	-0.97	0.54	0.90
θ (75°)	0.23	-0.85	-1.82	-2.52	-5.21	-11.70	-22.60	-7.36	-2.97	-1.88	-1.76	-0.36	0.31	-1.24	-3.26	-4.39	-6.44	-12.02	-24.20	-10.30	-5.50	-3.26	-1.55	-0.33	0.23
θ (90°)	-0.77	-1.82	-3.26	-3.51	-5.21	-10.61	-28.39	-8.41	-3.72	-2.82	-3.54	-2.62	-1.45	-2.64	-4.33	-5.15	-6.57	-11.43	-27.65	-11.21	-6.68	-5.15	-3.71	-1.91	-0.77
θ (105°)	-3.39	-3.83	-3.81	-4.14	-6.37	-12.24	-24.69	-9.81	-5.20	-3.95	-4.19	-3.94	-3.37	-4.49	-5.07	-5.35	-7.39	-13.32	-27.93	-11.24	-7.73	-5.55	-4.23	-3.80	-3.39
θ (120°)	-7.91	-6.70	-5.76	-6.78	-8.05	-11.79	-28.79	-13.92	-7.73	-5.82	-6.41	-7.81	-7.39	-6.95	-7.38	-7.31	-8.86	-12.31	-20.94	-19.40	-10.44	-6.63	-5.56	-7.51	-7.91
θ (135°)	-12.62	-9.88	-8.42	-10.82	-15.66	-22.68	-21.88	-14.26	-10.09	-7.76	-8.23	-11.93	-13.24	-11.62	-7.21	-6.38	-8.97	-15.54	-28.59	-13.44	-8.50	-6.96	-9.42	-13.40	-12.62
θ (150°)	-21.71	-18.44	-12.08	-10.24	-12.27	-19.87	-24.20	-13.52	-9.75	-8.30	-9.89	-17.48	-20.35	-19.00	-18.42	-9.65	-7.82	-9.94	-18.46	-15.99	-8.85	-7.27	-9.41	-15.72	-21.71
θ (165°)	-17.60	-15.83	-14.84	-15.10	-17.58	-23.88	-20.28	-14.40	-12.19	-12.77	-16.22	-20.63	-20.76	-22.89	-32.73	-24.33	-22.34	-27.51	-25.03	-18.15	-16.44	-18.51	-23.63	-22.78	-17.60
θ (180°)	-17.04	-17.72	-19.78	-22.05	-26.15	-29.72	-30.59	-27.28	-23.26	-19.67	-16.81	-15.40	-14.95	-15.56	-16.91	-19.48	-22.48	-25.04	-26.84	-26.89	-24.37	-22.19	-19.61	-17.84	-17.04

Ant.	No.3																								
Freq. (MHz)	5895																								
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°)	-30.34	-10.96	-4.88	-1.74	0.11	1.13	1.45	1.14	0.23	-1.47	-4.33	-9.61	-30.81	-11.12	-4.85	-1.66	0.20	1.22	[1.56]	1.24	0.26	-1.50	-4.41	-9.93	-30.34
θ (15°)	-29.09	-9.40	-4.25	-1.46	0.23	1.14	1.38	1.02	0.05	-1.66	-4.64	-10.51	-30.91	-9.28	-3.97	-1.16	0.45	1.28	1.51	1.18	0.19	-1.59	-4.71	-9.18	-29.09
θ (30°)	-38.07	-13.87	-7.02	-3.42	-1.17	0.17	0.71	0.56	-0.33	-2.08	-5.16	-10.88	-20.22	-10.22	-5.18	-2.58	-1.17	-0.39	-0.09	-0.26	-0.86	-2.21	-4.74	-9.62	-38.07
θ (45°)	-26.33	-15.05	-8.78	-5.02	-2.56	-1.29	-1.07	-1.80	-3.42	-6.03	-9.77	-16.07	-20.21	-10.52	-7.05	-5.45	-4.48	-3.83	-3.55	-3.69	-4.27	-5.30	-7.02	-9.96	-26.33
θ (60°)	-19.98	-14.53	-8.88	-5.91	-3.46	-2.13	-1.86	-2.44	-4.01	-6.76	-10.94	-17.71	-24.51	-11.84	-9.17	-8.40	-7.08	-5.67	-4.85	-5.12	-6.26	-7.51	-8.11	-10.07	-19.98
θ (75°)	-16.87	-13.36	-9.71	-7.17	-4.54	-3.18	-3.00	-3.89	-6.05	-8.60	-11.55	-22.07	-18.92	-13.75	-10.87	-8.42	-6.56	-5.32	-4.94	-5.30	-6.89	-9.19	-10.85	-11.94	-16.87
θ (90°)	-18.19	-13.51	-8.81	-6.96	-4.90	-3.83	-3.73	-4.28	-6.06	-7.83	-9.90	-18.19	-18.88	-14.28	-10.09	-6.75	-5.30	-4.51	-4.04	-4.09	-5.08	-7.36	-11.64	-15.37	-18.19
θ (105°)	-17.80	-11.01	-8.08	-6.82	-5.24	-4.43	-4.20	-4.88	-6.80	-8.93	-10.84	-16.93	-18.73	-14.51	-9.14	-6.60	-6.04	-5.83	-5.70	-6.15	-7.46	-9.63	-12.88	-14.56	-17.80
θ (120°)	-14.51	-9.86	-8.03	-7.64	-6.94	-6.49	-6.51	-7.02	-7.80	-9.18	-11.38	-14.90	-17.99	-19.10	-14.59	-10.49	-8.85	-8.07	-7.66	-8.20	-10.23	-12.41	-11.97	-12.75	-14.51
θ (135°)	-15.89	-12.36	-9.77	-8.34	-8.05	-8.12	-8.16	-8.49	-8.95	-9.29	-10.05	-12.94	-18.44	-14.71	-14.24	-12.94	-9.91	-8.24	-7.93	-8.47	-10.07	-13.28	-15.42	-15.57	-15.89
θ (150°)	-18.12	-18.22	-16.25	-14.25	-11.28	-10.13	-10.44	-12.00	-15.00	-20.01	-20.62	-20.69	-26.69	-14.95	-13.09	-19.15	-19.90	-12.74	-10.91	-12.39	-20.36	-17.92	-11.24	-11.50	-18.12
θ (165°)	-20.57	-23.49	-18.08	-14.11	-11.24	-9.48	-8.97	-9.84	-12.02	-15.06	-19.38	-25.29	-22.49	-17.18	-15.94	-18.15	-21.03	-18.35	-16.78	-18.18	-18.44	-15.75	-14.64	-15.78	-20.57
θ (180°)	-25.09	-21.72	-18.92	-17.50	-16.47	-16.05	-15.98	-16.24	-16.60	-17.58	-19.90	-23.35	-25.31	-21.97	-18.93	-17.69	-17.25	-17.10	-17.43	-18.27	-19.84	-22.59	-26.99	-31.32	-25.09
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°)	1.33	1.03	0.02	-1.85	-5.07	-11.02	-24.96	-9.77	-4.40	-1.42	0.29	1.26	[1.53]	1.21	0.17	-1.67	-4.81	-10.53	-25.73	-10.50	-4.79	-1.72	0.06	1.02	1.33
θ (15°)	1.29	0.73	-0.42	-2.46	-6.03	-13.06	-20.85	-8.64	-3.98	-1.47	0.06	0.90	1.14	0.75	-0.39	-2.48	-6.12	-13.77	-19.39	-7.79	-3.39	-0.82	0.59	1.17	1.29
θ (30°)	1.16	0.77	-0.10	-1.60	-4.27	-9.71	-22.72	-9.90	-4.33	-1.48	0.20	1.11	1.44	1.07	-0.13	-2.42	-6.27	-13.85	-21.08	-8.64	-3.88	-1.19	0.36	1.08	1.16
θ (45°)	1.01	0.44	-0.21	-1.52	-4.54	-10.85	-26.43	-9.10	-4.13	-1.51	0.00	0.84	1.09	0.57	-0.87	-3.25	-7.15	-14.51	-21.72	-9.59	-4.63	-1.63	0.23	1.04	1.01
θ (60°)	0.83	0.19	-0.81	-1.86	-4.36	-10.54	-26.91	-8.88	-3.63	-1.27	-0.39	-0.02	0.43	0.17	-1.07	-3.08	-6.36	-12.37	-32.14	-12.18	-6.36	-3.15	-0.95	0.49	0.83
θ (75°)	0.15	-0.88	-1.76	-2.52	-5.32	-11.89	-21.57	-7.15	-2.83	-1.67	-1.67	-0.40	0.24	-1.25	-3.28	-4.29	-6.24	-11.91	-24.34	-10.22	-5.39	-3.27	-1.55	-0.34	0.15
θ (90°)	-0.65	-1.76	-3.19	-3.36	-5.00	-10.49	-28.07	-8.45	-3.74	-2.72	-3.34	-2.38	-1.16	-2.45	-4.28	-5.02	-6.34	-11.10	-28.33	-10.69	-6.18	-4.84	-3.49	-1.70	-0.65
θ (105°)	-3.45	-3.92	-3.69	-4.01	-6.23	-12.35	-23.58	-9.52	-5.00	-3.81	-4.23	-4.03	-3.33	-4.40	-4.98	-5.37	-7.41	-13.24	-27.86	-10.86	-7.38	-5.40	-4.11	-3.67	-3.45
θ (120°)	-7.64	-6.66	-5.60	-6.50	-7.76	-11.58	-30.59	-13.49	-7.42	-5.53	-6.13	-7.68	-7.20	-6.63	-6.97	-7.11	-8.63	-12.09	-20.55	-18.98	-10.22	-6.57	-5.54	-7.36	-7.64
θ (135°)	-12.11	-9.65	-8.32	-10.56	-15.02	-20.78	-23.84	-14.49	-10.17	-7.77	-8.23	-11.58	-12.70	-11.07	-6.89	-6.22	-8.85	-15.34	-30.71	-13.63	-8.64	-6.98	-9.04	-12.77	-12.11
θ (150°)	-21.18	-18.51	-12.20	-10.55	-12.55	-20.49	-23.60	-13.64	-9.78	-8.41	-9.92	-17.44	-20.36	-18.92	-17.54	-9.50	-7.58	-9.66	-18.03	-16.35	-8.78	-7.10	-9.18	-15.30	-21.18
θ (165°)	-17.00	-15.27	-14.42	-14.47	-16.99	-24.44	-20.04	-13.99	-11.65	-12.19	-15.39	-20.36	-20.81	-22.38	-31.56	-23.62	-21.20	-26.40	-25.12	-17.86	-16.46	-18.55	-23.54	-22.02	-17.00
θ (180°)	-16.95	-17.43	-18.92	-21.31	-24.94	-29.74	-30.32	-26.74	-22.89	-19.36	-16.66	-15.29	-14.79	-15.28	-16.89	-19.64	-23.18	-25.04	-26.22	-27.04	-24.73	-22.33	-19.51	-17.73	-16.95

Ant.	No.4																								
Freq. (MHz)	5875																								
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°)	-25.36	-15.50	-7.98	-4.25	-2.01	-0.64	0.09	0.06	-0.74	-2.29	-4.77	-9.28	-20.89	-13.21	-6.37	-2.95	-0.99	0.08	0.44	0.25	-0.48	-1.95	-4.55	-9.14	-25.36
θ (15°)	-13.54	-20.98	-9.58	-5.63	-3.64	-2.50	-1.89	-1.77	-2.47	-4.37	-7.96	-15.21	-17.02	-7.84	-3.43	-0.80	0.77	1.65	1.99	1.77	0.96	-0.50	-2.66	-5.36	-13.54
θ (30°)	-8.39	-14.87	-20.54	-11.67	-8.41	-6.95	-6.46	-6.89	-8.23	-10.46	-14.53	-24.90	-11.96	-5.49	-1.95	0.28	1.65	2.39	2.65	2.64	2.23	1.31	-0.33	-2.98	-8.39
θ (45°)	-5.28	-10.30	-17.42	-18.33	-13.39	-11.29	-10.54	-11.04	-12.68	-16.03	-19.75	-13.47	-6.80	-2.34	0.16	1.71	2.69	3.12	[3.18]	3.09	2.71	1.81	0.20	-1.53	-5.28
θ (60°)	-4.21	-6.69	-9.65	-12.62	-15.32	-16.19	-17.01	-17.69	-17.66	-16.19	-11.96	-8.00	-5.06	-2.43	-0.39	0.94	1.67	2.06	2.23	2.26	2.04	1.59	0.52	-1.28	-4.21
θ (75°)	-3.81	-6.36	-9.83	-13.53	-17.40	-20.53	-21.18	-17.78	-14.53	-11.29	-9.57	-7.08	-4.87	-2.63	-0.40	0.56	0.64	0.71	0.84	1.12	1.33	0.81	-0.47	-1.84	-3.81
θ (90°)	-4.51	-6.06	-8.16	-10.56	-13.20	-17.29	-21.36	-19.16	-14.65	-10.90	-9.44	-6.81	-4.62	-3.08	-1.54	-0.91	-0.84	-0.74	-0.62	-0.67	-0.98	-1.41	-2.19	-3.03	-4.51
θ (105°)	-5.23	-6.12	-8.02	-11.32	-15.25	-19.38	-20.15	-16.56	-12.64	-9.43	-7.63	-6.01	-4.52	-4.08	-3.25	-2.64	-2.86	-3.11	-3.18	-3.15	-2.96	-3.21	-3.64	-4.07	-5.23
θ (120°)	-6.97	-7.47	-7.72	-10.17	-16.04	-20.95	-18.71	-16.89	-14.46	-11.02	-7.85	-6.60	-6.27	-5.81	-5.44	-5.14	-5.61	-6.44	-6.74	-6.53	-6.51	-6.57	-6.83	-6.62	-6.97
θ (135°)	-8.80	-8.80	-10.01	-13.85	-17.22	-14.98	-14.43	-15.15	-13.00	-9.23	-7.21	-7.22	-7.53	-7.55	-8.25	-9.41	-10.15	-10.22	-10.14	-9.84	-9.51	-10.49	-10.16	-9.12	-8.80
θ (150°)	-12.99	-10.92	-10.51	-13.10	-20.25	-21.51	-18.72	-20.50	-17.50	-11.76	-9.40	-9.74	-12.54	-15.09	-15.19	-16.01	-17.23	-17.52	-16.97	-17.01	-18.89	-20.34	-19.19	-16.92	-12.99
θ (165°)	-19.61	-18.01	-19.19	-24.71	-23.39	-18.49	-17.60	-19.19	-19.01	-14.89	-12.21	-11.99	-13.53	-17.01	-21.65	-26.27	-25.12	-20.67	-17.11	-14.94	-14.38	-15.50	-17.71	-20.51	-19.61
θ (180°)	-23.83	-29.39	-31.45	-28.39	-25.90	-23.95	-22.27	-21.59	-22.57	-24.93	-26.51	-28.83	-32.47	-32.90	-27.73	-24.91	-23.69	-23.40	-22.75	-20.74	-18.82	-17.40	-17.28	-19.02	-23.83
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°)	-0.14	-0.52	-1.49	-3.12	-5.71	-10.04	-19.49	-11.55	-5.73	-2.78	-1.07	-0.04	[0.40]	0.20	-0.68	-2.31	-4.95	-9.70	-22.88	-12.42	-6.51	-3.58	-1.62	-0.51	-0.14
θ (15°)	0.13	-0.49	-1.71	-3.70	-6.81	-12.19	-32.16	-12.57	-6.34	-3.02	-1.07	-0.08	0.23	-0.05	-1.00	-2.75	-5.69	-11.52	-25.61	-10.23	-4.93	-2.12	-0.61	-0.02	0.13
θ (30°)	-0.36	-0.80	-1.78	-3.83	-7.12	-12.62	-26.72	-15.18	-8.66	-4.90	-2.43	-0.93	-0.12	-0.14	-1.01	-2.58	-5.09	-9.47	-22.09	-13.76	-6.37	-2.92	-0.93	-0.15	-0.36
θ (45°)	-0.38	-1.20	-3.08	-5.60	-9.54	-16.85	-24.70	-13.57	-8.92	-5.27	-2.95	-1.13	-0.12	-0.38	-1.45	-3.14	-6.12	-11.39	-28.74	-13.59	-6.70	-3.10	-1.34	-0.69	-0.38
θ (60°)	-1.15	-1.87	-3.61	-5.92	-9.35	-15.53	-34.34	-16.98	-11.12	-7.88	-4.84	-2.72	-1.69	-1.50	-2.00	-3.34	-6.15	-10.73	-19.86	-17.85	-9.06	-4.75	-2.42	-1.40	-1.15
θ (75°)	-2.95	-3.88	-5.81	-8.38	-11.95	-16.50	-20.49	-18.15	-13.79	-10.23	-6.20	-3.81	-3.10	-2.76	-3.84	-5.59	-8.34	-14.11	-30.10	-16.67	-10.09	-6.88	-4.03	-2.99	-2.95
θ (90°)	-4.33	-5.32	-8.05	-11.74	-15.29	-17.76	-20.19	-31.40	-18.90	-12.54	-8.60	-5.40	-4.69	-3.70	-4.38	-6.48	-9.14	-12.94	-21.09	-21.32	-13.22	-8.26	-5.99	-4.63	-4.33
θ (105°)	-6.64	-7.53	-9.70	-13.43	-15.47	-18.39	-27.09	-20.57	-16.50	-14.47	-8.56	-6.01	-5.77	-4.72	-5.14	-6.29	-8.85	-13.88	-23.31	-22.51	-13.89	-9.91	-8.24	-7.00	-6.64
θ (120°)	-9.27	-10.35	-12.98	-20.00	-20.55	-21.28	-27.38	-36.50	-25.91	-23.21	-14.28	-9.91	-8.44	-7.16	-7.16	-8.32	-10.54	-14.81	-23.20	-27.47	-16.71	-12.89	-11.07	-9.57	-9.27
θ (135°)	-13.07	-12.61	-16.73	-38.53	-19.52	-19.29	-22.34	-24.91	-21.86	-33.13	-18.81	-11.47	-10.00	-10.07	-9.68	-10.05	-11.90	-16.07	-26.04	-22.47	-17.81	-14.28	-12.06	-11.98	-13.07
θ (150°)	-15.54	-16.68	-20.81	-17.49	-16.35	-20.38	-38.43	-17.53	-14.23	-16.98	-24.12	-15.48	-12.51	-11.77	-10.25	-9.54	-10.49	-12.62	-15.83	-23.02	-21.51	-17.60	-19.54	-18.76	-15.54
θ (165°)	-18.28	-23.53	-22.24	-18.40	-17.13	-18.82	-26.71	-25.43	-20.69	-22.51	-32.66	-19.27	-14.79	-13.29	-13.29	-13.92	-14.96	-16.27	-18.40	-23.75	-35.31	-20.98	-17.09	-16.32	-18.28
θ (180°)	-19.19	-18.81	-18.54	-19.05	-20.54	-23.73	-29.44	-35.73	-35.17	-30.04	-26.01	-23.76	-24.05	-25.02	-25.52	-25.57	-25.59	-26.17	-29.02	-36.50	-33.01	-26.64	-22.82	-20.78	-19.19

Ant.	No.4																								
Freq. (MHz)	5895																								
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°)	-26.29	-14.66	-7.65	-4.09	-1.94	-0.59	0.04	0.01	-0.81	-2.32	-4.82	-9.54	-21.41	-12.67	-6.27	-2.94	-1.04	0.03	0.41	0.27	-0.50	-1.99	-4.58	-9.30	-26.29
θ (15°)	-13.64	-21.90	-9.86	-5.73	-3.59	-2.32	-1.62	-1.63	-2.60	-4.67	-8.16	-15.20	-16.01	-7.49	-3.19	-0.67	0.84	1.70	2.03	1.79	0.98	-0.49	-2.79	-5.52	-13.64
θ (30°)	-8.29	-14.61	-20.76	-12.04	-8.54	-7.07	-6.64	-7.11	-8.29	-10.05	-13.65	-22.31	-11.67	-5.37	-1.87	0.34	1.69	2.43	2.71	2.67	2.28	1.34	-0.33	-2.97	-8.29
θ (45°)	-5.25	-10.11	-17.11	-17.02	-12.38	-10.61	-10.11	-10.67	-12.22	-15.82	-19.72	-13.43	-6.62	-2.22	0.25	1.82	2.76	3.20	[3.28]	3.19	2.79	1.87	0.28	-1.49	-5.25
θ (60°)	-4.13	-6.63	-9.60	-12.94	-16.04	-17.39	-18.30	-18.97	-18.73	-16.86	-11.99	-7.94	-4.94	-2.26	-0.21	1.12	1.89	2.26	2.42	2.39	2.12	1.60	0.58	-1.15	-4.13
θ (75°)	-3.74	-6.16	-9.46	-13.26	-17.71	-20.73	-20.95	-17.67	-14.77	-11.63	-9.71	-6.93	-4.84	-2.54	-0.36	0.47	0.52	0.66	0.86	1.08	1.26	0.89	-0.26	-1.68	-3.74
θ (90°)	-4.53	-5.98	-7.99	-10.51	-13.70	-17.57	-21.87	-19.31	-14.47	-10.58	-9.12	-6.61	-4.51	-3.05	-1.44	-0.83	-0.71	-0.66	-0.62	-0.58	-0.81	-1.32	-2.18	-3.14	-4.53
θ (105°)	-5.26	-6.20	-7.99	-11.21	-15.23	-19.58	-20.66	-17.00	-12.69	-9.33	-7.46	-5.97	-4.62	-4.22	-3.31	-2.79	-2.93	-3.06	-3.09	-3.07	-2.96	-3.26	-3.62	-4.00	-5.26
θ (120°)	-6.91	-7.32	-7.66	-10.07	-15.71	-21.31	-18.95	-17.00	-14.60	-10.78	-7.65	-6.56	-6.15	-5.69	-5.20	-4.92	-5.41	-6.20	-6.51	-6.20	-6.23	-6.39	-6.78	-6.65	-6.91
θ (135°)	-8.92	-8.89	-9.90	-13.59	-17.54	-15.07	-14.23	-14.62	-12.63	-9.08	-7.03	-7.00	-7.35	-7.33	-7.93	-9.02	-9.60	-9.65	-9.75	-9.49	-9.06	-9.92	-9.94	-9.07	-8.92
θ (150°)	-13.24	-11.13	-10.53	-13.12	-20.47	-21.46	-18.18	-19.89	-17.54	-11.87	-9.44	-9.93	-12.63	-14.98	-14.86	-15.39	-16.36	-16.81	-16.55	-16.43	-18.08	-19.63	-19.05	-17.22	-13.24
θ (165°)	-19.60	-17.68	-18.81	-24.48	-23.32	-18.07	-17.01	-19.10	-18.69	-14.45	-12.07	-11.89	-13.67	-17.23	-21.72	-25.32	-24.49	-20.46	-16.62	-14.37	-13.78	-14.82	-17.62	-20.64	-19.60
θ (180°)	-24.92	-31.31	-34.26	-29.17	-25.91	-24.07	-21.99	-21.46	-22.12	-24.26	-25.99	-27.03	-30.21	-35.01	-29.94	-25.57	-23.29	-22.66	-22.10	-20.78	-18.46	-17.02	-17.15	-19.27	-24.92
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	-0.54	-1.44	-3.03	-5.65	-10.28	-19.19	-11.03	-5.67	-2.83	-1.09	-0.05	[0.39]	0.13	-0.79	-2.44	-4.93	-9.63	-22.33	-12.14	-6.20	-3.41	-1.65	-0.56	-0.22
θ (15°)	0.17	-0.36	-1.59	-3.60	-6.57	-11.58	-26.68	-12.25	-6.08	-2.98	-1.18	-0.23	0.11	-0.12	-1.03	-2.70	-5.66	-11.59	-24.63	-10.00	-4.94	-2.08	-0.53	0.07	0.17
θ (30°)	-0.22	-0.67	-1.68	-3.59	-6.86	-12.43	-27.97	-15.32	-8.78	-4.93	-2.47	-0.91	-0.11	-0.17	-1.03	-2.48	-4.82	-9.10	-21.74	-13.93	-6.40	-2.85	-0.90	-0.07	-0.22
θ (45°)	-0.39	-1.08	-2.90	-5.63	-9.89	-17.76	-25.58	-14.04	-8.78	-5.03	-2.80	-1.14	-0.17	-0.49	-1.55	-3.14	-5.97	-11.09	-30.20	-12.95	-6.54	-3.02	-1.30	-0.74	-0.39
θ (60°)	-1.14	-1.74	-3.45	-5.79	-9.29	-15.58	-36.96	-17.23	-11.49	-7.89	-4.81	-2.75	-1.73	-1.50	-2.03	-3.48	-6.37	-10.88	-20.02	-18.72	-9.26	-4.73	-2.37	-1.39	-1.14
θ (75°)	-2.80	-3.55	-5.45	-7.95	-11.60	-16.62	-20.19	-17.80	-13.74	-10.21	-6.04	-3.82	-3.17	-2.72	-3.65	-5.26	-8.12	-14.00	-26.76	-16.29	-9.92	-6.69	-4.07	-3.01	-2.80
θ (90°)	-4.27	-5.09	-7.61	-11.22	-15.24	-17.70	-19.36	-27.92	-19.61	-12.57	-8.39	-5.32	-4.71	-3.66	-4.37	-6.32	-8.69	-12.49	-20.86	-20.63	-12.92	-8.28	-5.80	-4.62	-4.27
θ (105°)	-6.62	-7.54	-9.33	-13.09	-15.35	-17.65	-25.51	-21.73	-16.85	-14.33	-8.57	-6.13	-5.85	-4.64	-5.09	-6.34	-9.00	-13.87	-23.10	-21.23	-13.38	-9.74	-8.32	-6.97	-6.62
θ (120°)	-9.13	-9.95	-12.22	-18.72	-20.78	-21.75	-28.28	-35.30	-25.41	-21.84	-13.77	-9.76	-8.32	-7.24	-7.09	-8.16	-10.46	-15.41	-25.06	-26.31	-16.38	-12.69	-10.74	-9.71	-9.13
θ (135°)	-12.57	-12.11	-15.77	-40.36	-20.51	-19.35	-22.45	-26.82	-22.95	-34.14	-18.20	-11.13	-9.92	-10.29	-9.71	-10.01	-11.82	-16.23	-27.31	-22.38	-17.10	-13.82	-11.59	-11.31	-12.57
θ (150°)	-15.26	-16.56	-20.24	-17.42	-16.51	-20.44	-39.95	-18.17	-14.45	-16.83	-24.22	-15.61	-12.48	-11.69	-10.22	-9.60	-10.54	-12.50	-15.73	-22.61	-20.79	-17.00	-18.64	-18.39	-15.26
θ (165°)	-18.06	-23.11	-21.94	-17.51	-16.69	-18.83	-29.17	-25.31	-19.99	-21.47	-32.13	-19.49	-14.85	-13.47	-13.44	-14.19	-15.09	-16.17	-18.06	-24.11	-36.19	-20.27	-16.61	-15.93	-18.06
θ (180°)	-18.80	-18.14	-18.17	-18.97	-20.87	-23.36	-27.00	-32.87	-32.19	-29.31	-25.58	-23.51	-23.84	-24.66	-25.72	-25.76	-24.72	-24.42	-26.76	-34.40	-41.25	-27.76	-22.93	-20.38	-18.80

Ant.	No.5																								
Freq. (MHz)	5875																								
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°)	-9.47	-15.55	-23.81	-13.23	-8.68	-6.18	-4.67	-3.84	-3.40	-3.50	-4.76	-7.44	-11.50	-18.96	-25.14	-12.58	-8.10	-5.47	-3.98	-3.26	-3.14	-3.61	-4.76	-6.52	-9.47
θ (15°)	-7.45	-10.87	-14.22	-13.12	-9.43	-6.91	-5.62	-5.15	-5.28	-5.89	-7.13	-9.78	-14.86	-17.16	-11.34	-7.41	-5.06	-3.79	-3.39	-3.20	-3.06	-3.07	-3.58	-4.63	-7.45
θ (30°)	-6.13	-6.27	-6.74	-8.50	-9.70	-9.18	-8.58	-8.50	-8.50	-8.85	-10.54	-12.51	-11.49	-7.81	-5.08	-3.88	-3.50	-3.26	-2.98	-3.11	-3.56	-3.76	-3.46	-3.95	-6.13
θ (45°)	-3.25	-3.70	-5.98	-7.16	-8.18	-10.15	-11.59	-12.64	-15.03	-14.23	-9.39	-6.68	-5.96	-4.86	-3.54	-2.45	-1.16	-0.24	0.18	0.14	-0.29	-1.00	-1.65	-2.31	-3.25
θ (60°)	-2.05	-3.11	-6.86	-6.98	-5.76	-6.99	-9.21	-10.27	-9.20	-7.10	-6.30	-4.56	-3.14	-1.19	0.12	0.84	1.30	1.39	1.07	0.66	0.19	0.09	-0.12	-1.40	-2.05
θ (75°)	-2.58	-5.21	-9.07	-14.14	-11.13	-10.44	-11.95	-12.09	-8.47	-5.48	-4.72	-3.38	-0.74	0.05	-0.50	-0.60	0.34	0.48	0.66	1.22	1.55	1.27	0.88	0.26	-2.58
θ (90°)	-0.70	-2.25	-6.37	-9.14	-13.60	-18.56	-13.42	-13.26	-13.84	-10.74	-11.19	-8.65	-3.36	-0.30	-0.24	-0.25	1.54	[2.07]	1.64	1.49	1.19	1.04	0.59	0.22	-0.70
θ (105°)	-2.10	-1.63	-5.62	-7.29	-8.98	-23.03	-16.47	-18.42	-20.13	-10.35	-8.40	-3.94	-1.15	-1.77	-2.82	-0.71	0.65	0.63	-0.05	-0.54	-0.89	-1.28	-1.58	-1.69	-2.10
θ (120°)	-6.73	-5.78	-7.13	-8.83	-10.65	-15.49	-20.56	-23.15	-12.69	-9.99	-11.64	-4.80	-4.29	-6.58	-4.08	-2.60	-2.16	-2.43	-3.26	-4.02	-3.86	-3.89	-4.47	-4.92	-6.73
θ (135°)	-12.35	-12.28	-16.77	-13.44	-10.33	-10.34	-13.66	-17.28	-18.96	-12.91	-9.92	-7.05	-6.25	-8.74	-7.18	-5.11	-4.17	-4.43	-5.41	-5.97	-6.42	-6.66	-8.38	-13.01	-12.35
θ (150°)	-16.99	-11.70	-8.51	-8.48	-11.90	-16.21	-16.41	-19.12	-15.60	-10.37	-9.09	-13.61	-14.75	-8.41	-6.52	-6.37	-6.82	-7.85	-9.80	-12.21	-12.53	-11.77	-13.00	-16.89	-16.99
θ (165°)	-11.64	-12.19	-13.72	-16.14	-20.54	-23.56	-26.66	-31.59	-22.22	-17.36	-15.54	-15.70	-16.80	-14.91	-11.86	-9.86	-8.59	-7.84	-7.77	-8.06	-8.64	-9.89	-10.91	-11.20	-11.64
θ (180°)	-13.97	-13.81	-13.59	-14.64	-15.99	-16.71	-16.64	-16.43	-16.09	-15.30	-15.02	-16.05	-17.08	-17.34	-18.46	-19.56	-17.46	-15.46	-14.78	-14.55	-14.17	-14.20	-14.10	-14.04	-13.97
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°)	-4.17	-3.50	-3.29	-3.65	-4.87	-7.49	-12.08	-22.90	-21.61	-12.24	-7.82	-5.37	-4.07	-3.47	-3.41	-4.00	-5.10	-6.93	-10.21	-18.24	-21.51	-11.68	-7.60	-5.40	-4.17
θ (15°)	-6.12	-5.32	-5.22	-5.68	-6.96	-9.34	-13.15	-14.31	-10.80	-8.17	-6.51	-5.25	-4.16	-3.69	-3.92	-4.92	-6.69	-9.71	-14.31	-20.12	-20.17	-15.31	-10.90	-8.50	-6.12
θ (30°)	-9.14	-10.73	-10.25	-10.06	-11.76	-16.01	-23.55	-15.49	-9.81	-6.55	-4.52	-3.77	-3.67	-3.94	-5.53	-9.07	-12.99	-17.87	-27.18	-25.21	-22.32	-32.54	-15.49	-9.64	-9.14
θ (45°)	-8.86	-6.45	-7.65	-9.30	-9.43	-12.04	-18.40	-15.88	-12.46	-9.54	-7.21	-7.52	-7.73	-9.26	-14.68	-13.65	-12.39	-15.22	-17.19	-18.23	-17.98	-13.83	-9.84	-8.73	-8.86
θ (60°)	-11.41	-8.34	-8.16	-8.20	-7.77	-9.77	-16.58	-25.01	-13.32	-11.93	-9.27	-5.20	-8.71	-8.73	-9.57	-14.32	-22.12	-20.59	-12.99	-11.99	-13.12	-13.41	-11.73	-12.74	-11.41
θ (75°)	-18.76	-19.20	-14.31	-13.81	-14.46	-12.75	-14.46	-18.20	-8.25	-6.80	-10.63	-10.98	-18.16	-23.75	-22.43	-24.53	-29.13	-21.11	-29.39	-21.55	-17.59	-16.53	-18.02	-23.10	-18.76
θ (90°)	-11.98	-11.40	-11.19	-12.27	-12.05	-13.96	-20.32	-28.60	-16.33	-13.42	-14.10	-18.83	-14.55	-16.56	-15.66	-9.86	-10.59	-15.65	-23.13	-25.49	-35.37	-18.68	-13.79	-15.01	-11.98
θ (105°)	-8.42	-8.69	-10.11	-9.07	-8.10	-8.83	-12.76	-27.88	-14.03	-13.70	-15.79	-10.43	-12.08	-13.20	-11.01	-10.44	-12.08	-14.98	-17.04	-13.34	-10.14	-10.30	-10.28	-7.72	-8.42
θ (120°)	-7.61	-5.71	-6.59	-4.80	[-2.13]	-3.77	-10.08	-13.86	-7.56	-6.37	-13.29	-14.41	-12.56	-12.80	-10.36	-11.77	-12.72	-13.98	-13.04	-10.01	-10.20	-12.34	-9.73	-7.92	-7.61
θ (135°)	-6.63	-10.67	-8.34	-3.38	-2.98	-6.17	-15.45	-14.06	-7.04	-8.45	-12.07	-9.89	-13.31	-10.79	-11.55	-19.29	-36.30	-20.38	-15.71	-12.88	-10.53	-9.63	-9.51	-8.07	-6.63
θ (150°)	-21.92	-15.63	-8.88	-5.72	-6.05	-10.59	-29.35	-10.74	-6.43	-5.97	-10.00	-17.91	-12.91	-13.37	-16.68	-20.48	-24.27	-16.35	-13.31	-13.92	-16.48	-17.55	-16.58	-17.65	-21.92
θ (165°)	-12.15	-11.10	-10.59	-11.46	-14.04	-19.79	-32.72	-16.78	-12.31	-10.95	-11.26	-12.83	-13.99	-14.36	-14.20	-13.45	-12.45	-12.37	-13.14	-11.95	-10.82	-10.85	-11.49	-12.28	-12.15
θ (180°)	-13.52	-13.61	-14.15	-14.93	-16.37	-17.29	-16.57	-15.27	-15.27	-15.93	-16.28	-16.34	-15.94	-15.23	-14.20	-13.81	-14.37	-16.43	-18.82	-16.97	-15.44	-14.79	-14.01	-13.63	-13.52

Ant.	No.5																								
Freq. (MHz)	5895																								
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°)	-9.59	-15.43	-21.94	-12.43	-8.39	-6.03	-4.45	-3.54	-3.03	-3.36	-4.87	-7.69	-11.64	-18.87	-24.29	-12.32	-7.75	-5.20	-3.74	-3.07	-2.93	-3.46	-4.64	-6.49	-9.59
θ (15°)	-6.82	-10.54	-13.94	-12.74	-9.18	-6.76	-5.47	-4.84	-4.83	-5.43	-6.72	-9.51	-14.47	-15.74	-10.53	-6.72	-4.55	-3.38	-3.01	-3.01	-2.90	-2.87	-3.26	-4.11	-6.82
θ (30°)	-5.67	-6.13	-6.57	-8.05	-8.98	-8.55	-8.27	-8.09	-7.97	-8.37	-10.17	-12.31	-10.96	-7.33	-4.75	-3.70	-3.29	-2.96	-2.70	-2.85	-3.40	-3.75	-3.41	-3.62	-5.67
θ (45°)	-3.27	-3.70	-6.08	-7.86	-8.82	-10.36	-11.25	-12.52	-15.05	-14.02	-9.48	-7.17	-6.67	-5.21	-3.48	-2.27	-0.98	-0.19	0.11	0.17	-0.18	-0.94	-1.75	-2.32	-3.27
θ (60°)	-2.00	-2.73	-6.31	-7.59	-5.97	-6.76	-8.60	-9.90	-9.01	-6.91	-6.09	-4.32	-3.04	-1.08	0.24	0.83	1.17	1.23	1.07	0.78	0.34	0.19	0.07	-1.18	-2.00
θ (75°)	-2.43	-4.87	-8.60	-14.74	-11.32	-9.84	-11.22	-11.36	-7.90	-5.16	-4.61	-3.48	-0.73	-0.05	-0.62	-0.46	0.48	0.65	0.99	1.45	1.67	1.38	0.85	0.29	-2.43
θ (90°)	-0.55	-1.93	-5.69	-8.66	-12.97	-18.92	-14.04	-14.11	-13.28	-10.57	-12.28	-8.68	-3.01	-0.33	-0.50	-0.15	1.85	[2.22]	1.63	1.44	1.22	0.90	0.47	0.37	-0.55
θ (105°)	-2.02	-1.38	-5.24	-7.54	-8.99	-21.49	-17.31	-19.92	-19.13	-10.43	-8.04	-3.46	-0.90	-1.94	-2.83	-0.50	0.67	0.47	-0.27	-0.62	-0.75	-1.10	-1.31	-1.43	-2.02
θ (120°)	-6.99	-5.98	-7.24	-9.22	-10.64	-14.85	-19.41	-21.96	-12.76	-10.37	-11.29	-4.52	-4.51	-6.77	-3.67	-2.35	-2.08	-2.32	-3.09	-3.77	-3.55	-3.62	-4.28	-4.71	-6.99
θ (135°)	-12.85	-12.64	-17.58	-14.11	-10.43	-10.07	-13.00	-16.40	-18.75	-13.08	-9.76	-6.99	-6.50	-9.23	-7.28	-5.12	-4.21	-4.46	-5.18	-5.50	-6.05	-6.22	-7.40	-11.35	-12.85
θ (150°)	-18.19	-12.70	-8.97	-8.59	-11.58	-15.45	-16.25	-18.59	-15.19	-10.21	-8.79	-13.13	-14.83	-8.46	-6.56	-6.45	-6.96	-8.05	-10.01	-12.65	-13.12	-11.98	-12.61	-15.75	-18.19
θ (165°)	-12.24	-12.52	-14.01	-16.45	-20.05	-22.31	-25.78	-29.59	-22.30	-17.52	-15.81	-15.86	-16.54	-14.34	-11.62	-9.75	-8.65	-7.92	-7.68	-8.10	-8.86	-10.14	-11.50	-11.85	-12.24
θ (180°)	-14.21	-13.78	-13.48	-14.55	-15.59	-16.04	-15.99	-15.85	-15.73	-15.34	-15.19	-16.47	-17.82	-17.55	-17.82	-19.00	-17.65	-15.50	-14.73	-14.84	-14.45	-14.48	-14.60	-14.47	-14.21
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°)	-3.94	-3.32	-3.17	-3.73	-5.14	-8.04	-12.86	-24.01	-20.54	-11.47	-7.34	-5.08	-3.90	-3.32	-3.30	-3.85	-5.00	-6.92	-10.22	-17.99	-20.68	-11.08	-7.23	-5.08	-3.94
θ (15°)	-5.71	-4.91	-4.94	-5.48	-6.64	-8.88	-12.50	-14.55	-11.69	-8.85	-6.92	-5.25	-3.99	-3.35	-3.58	-4.71	-6.72	-9.88	-14.97	-21.28	-18.51	-13.85	-10.27	-8.00	-5.71
θ (30°)	-8.63	-10.01	-9.78	-9.49	-11.24	-15.62	-22.40	-14.32	-9.22	-6.08	-4.21	-3.65	-3.56	-3.78	-5.42	-9.04	-12.49	-17.06	-25.94	-27.11	-20.84	-27.43	-17.63	-9.91	-8.63
θ (45°)	-8.62	-6.06	-7.31	-9.48	-9.52	-12.02	-17.85	-15.99	-12.65	-8.96	-6.69	-7.15	-7.46	-8.61	-13.40	-12.18	-11.42	-14.14	-16.04	-17.64	-18.19	-14.01	-10.04	-8.92	-8.62
θ (60°)	-11.34	-8.06	-7.74	-7.88	-7.90	-10.02	-17.18	-22.01	-12.38	-11.38	-8.61	-4.65	-8.56	-8.15	-9.40	-14.91	-21.77	-19.27	-12.34	-11.05	-12.32	-12.91	-10.97	-11.46	-11.34
θ (75°)	-17.84	-17.64	-13.85	-12.74	-13.17	-11.63	-13.36	-18.76	-7.92	-6.40	-10.50	-10.78	-18.80	-20.76	-22.29	-24.30	-27.44	-21.99	-31.88	-19.06	-16.31	-16.83	-16.78	-21.39	-17.84
θ (90°)	-12.51	-11.84	-10.67	-11.48	-11.94	-13.49	-19.62	-25.68	-15.29	-12.52	-13.86	-16.88	-13.80	-16.61	-14.39	-9.37	-10.40	-15.38	-22.16	-24.95	-28.57	-20.26	-13.28	-15.46	-12.51
θ (105°)	-8.49	-8.92	-9.83	-8.57	-7.53	-8.20	-12.33	-23.18	-13.89	-13.26	-15.03	-9.87	-12.41	-13.04	-10.37	-10.05	-12.48	-16.04	-18.02	-13.71	-10.45	-10.46	-10.69	-7.95	-8.49
θ (120°)	-7.60	-5.52	-6.01	-4.65	[-2.04]	-3.71	-10.01	-13.11	-7.29	-6.12	-13.03	-14.95	-12.79	-12.17	-9.98	-11.71	-12.66	-14.00	-12.99	-9.68	-9.71	-12.07	-9.76	-7.70	-7.60
θ (135°)	-6.13	-10.02	-8.21	-3.11	-2.62	-5.76	-15.41	-13.56	-6.86	-8.22	-11.52	-9.76	-13.35	-10.76	-11.66	-19.33	-49.18	-23.33	-17.97	-13.63	-10.18	-9.26	-9.77	-8.05	-6.13
θ (150°)	-22.56	-16.73	-9.28	-5.80	-5.81	-9.90	-27.12	-10.97	-6.52	-6.06	-10.05	-16.44	-12.42	-13.06	-16.01	-19.35	-23.21	-15.59	-12.76	-13.49	-16.47	-18.16	-17.06	-17.79	-22.56
θ (165°)	-12.31	-11.48	-10.93	-11.89	-14.03	-19.08	-33.91	-16.31	-12.15	-10.76	-10.74	-12.18	-13.51	-14.31	-14.19	-13.37	-12.22	-11.78	-12.69	-12.84	-11.15	-10.76	-11.42	-12.26	-12.31
θ (180°)	-13.48	-13.76	-14.66	-15.87	-17.20	-17.53	-16.62	-15.52	-15.41	-16.03	-16.43	-16.33	-15.58	-15.38	-14.78	-14.15	-14.34	-16.06	-19.42	-17.64	-14.96	-13.84	-13.25	-13.22	-13.48

A.2 DIRECTIONAL GAIN@1SS:

1SS																									
Freq. (MHz)	2400																								
Polarity	Theta																								
dB	$\phi(0^\circ)$	$\phi(15^\circ)$	$\phi(30^\circ)$	$\phi(45^\circ)$	$\phi(60^\circ)$	$\phi(75^\circ)$	$\phi(90^\circ)$	$\phi(105^\circ)$	$\phi(120^\circ)$	$\phi(135^\circ)$	$\phi(150^\circ)$	$\phi(165^\circ)$	$\phi(180^\circ)$	$\phi(195^\circ)$	$\phi(210^\circ)$	$\phi(225^\circ)$	$\phi(240^\circ)$	$\phi(255^\circ)$	$\phi(270^\circ)$	$\phi(285^\circ)$	$\phi(300^\circ)$	$\phi(315^\circ)$	$\phi(330^\circ)$	$\phi(345^\circ)$	$\phi(360^\circ)$
$\theta(0^\circ)$	-1.49	-1.85	-2.92	-4.13	-3.66	-2.30	-1.58	-1.43	-1.74	-2.07	-1.89	-1.78	-1.99	-2.73	-4.13	-5.00	-3.37	-2.11	-1.52	-1.53	-1.94	-2.30	-1.95	-1.44	-1.49
$\theta(15^\circ)$	1.84	1.50	0.70	-0.59	-1.74	-1.59	-0.79	-0.62	-0.96	-1.95	-3.60	-5.66	-8.25	-9.36	-7.45	-4.69	-2.82	-1.83	-1.53	-1.25	-0.66	0.33	1.27	1.87	1.84
$\theta(30^\circ)$	4.33	4.02	3.31	2.28	1.06	0.33	0.11	0.06	-0.25	-0.99	-2.37	-4.75	-7.57	-8.68	-8.19	-5.64	-2.51	-0.93	-0.21	0.36	1.46	2.67	3.69	4.25	4.33
$\theta(45^\circ)$	4.65	4.01	3.40	2.82	2.08	1.34	1.04	0.82	0.61	0.59	0.79	0.94	0.81	0.37	-0.25	-0.57	-0.08	0.80	1.71	2.55	3.49	4.41	5.01	[5.13]	4.65
$\theta(60^\circ)$	4.91	4.42	3.75	3.43	3.73	3.82	3.67	3.40	3.23	3.33	3.71	4.10	4.23	3.80	3.02	2.30	1.95	2.20	2.55	2.96	3.54	4.22	4.82	5.12	4.91
$\theta(75^\circ)$	4.51	4.35	4.13	4.06	4.01	3.85	3.55	3.24	2.97	2.88	3.11	3.52	3.64	3.11	2.31	1.87	2.02	2.38	2.65	2.93	3.27	3.49	3.85	4.23	4.51
$\theta(90^\circ)$	3.56	3.95	4.66	4.93	4.62	4.00	3.30	2.81	2.47	2.12	1.90	1.90	2.09	2.08	1.69	1.38	1.72	2.10	2.50	3.17	3.93	4.47	4.48	3.98	3.56
$\theta(105^\circ)$	4.44	4.48	4.56	4.43	4.11	3.57	3.20	2.95	2.87	2.80	2.46	1.78	1.72	1.90	1.98	2.04	2.18	2.40	2.78	3.44	4.24	4.69	4.82	4.70	4.44
$\theta(120^\circ)$	4.91	4.80	4.50	3.84	2.81	1.79	1.23	1.43	1.81	2.10	1.87	1.37	1.36	1.63	1.50	0.63	-0.52	-0.49	0.53	1.70	2.84	3.93	4.72	4.93	4.91
$\theta(135^\circ)$	3.36	3.15	2.62	2.00	1.50	0.90	0.36	-0.19	-0.46	-0.21	0.15	0.67	1.11	1.25	0.98	0.24	-0.66	-0.52	-0.00	0.50	1.05	1.73	2.47	2.96	3.36
$\theta(150^\circ)$	-0.15	-0.15	-0.22	-0.37	-0.48	-0.55	-0.35	-0.10	0.24	0.47	0.60	0.56	0.46	0.30	0.07	-0.24	-0.71	-1.20	-1.64	-2.00	-1.87	-1.47	-1.03	-0.71	-0.15
$\theta(165^\circ)$	-1.73	-1.93	-2.29	-2.64	-2.88	-3.02	-3.14	-3.48	-4.19	-5.26	-6.50	-7.30	-7.69	-7.54	-6.18	-4.74	-3.59	-2.84	-2.49	-2.36	-2.31	-2.20	-2.11	-1.98	-1.73
$\theta(180^\circ)$	-6.72	-6.25	-5.15	-3.85	-2.94	-2.33	-2.22	-2.41	-3.00	-4.01	-5.21	-6.16	-6.15	-5.60	-4.91	-3.85	-3.11	-2.61	-2.43	-2.67	-3.29	-4.20	-5.39	-6.51	-6.72
Polarity	Phi																								
dB	$\phi(0^\circ)$	$\phi(15^\circ)$	$\phi(30^\circ)$	$\phi(45^\circ)$	$\phi(60^\circ)$	$\phi(75^\circ)$	$\phi(90^\circ)$	$\phi(105^\circ)$	$\phi(120^\circ)$	$\phi(135^\circ)$	$\phi(150^\circ)$	$\phi(165^\circ)$	$\phi(180^\circ)$	$\phi(195^\circ)$	$\phi(210^\circ)$	$\phi(225^\circ)$	$\phi(240^\circ)$	$\phi(255^\circ)$	$\phi(270^\circ)$	$\phi(285^\circ)$	$\phi(300^\circ)$	$\phi(315^\circ)$	$\phi(330^\circ)$	$\phi(345^\circ)$	$\phi(360^\circ)$
$\theta(0^\circ)$	-2.32	-2.43	-2.94	-3.13	-2.46	-1.98	-2.13	-3.08	-4.96	-6.05	-4.28	-2.99	-2.36	-2.33	-2.69	-2.57	-2.08	-1.78	-1.89	-2.48	-3.63	-4.55	-3.58	-2.75	-2.32
$\theta(15^\circ)$	-3.92	-3.98	-4.19	-3.35	-2.25	-1.93	-2.37	-3.65	-5.09	-5.14	-3.48	-2.08	-1.41	-1.27	-1.48	-1.89	-2.27	-2.40	-2.43	-2.49	-2.67	-3.00	-3.41	-3.71	-3.92
$\theta(30^\circ)$	-4.29	-3.82	-2.97	-2.21	-1.50	-1.37	-1.93	-3.08	-3.89	-3.39	-2.26	-0.80	0.19	0.53	0.03	-1.28	-3.09	-4.27	-4.12	-3.12	-2.14	-1.70	-2.20	-3.29	-4.29
$\theta(45^\circ)$	-3.15	-3.24	-3.00	-2.66	-2.29	-2.47	-3.40	-4.21	-3.42	-2.16	-0.89	0.14	[0.53]	0.06	-1.53	-3.90	-6.70	-8.03	-6.90	-5.11	-3.35	-2.19	-2.01	-2.40	-3.15
$\theta(60^\circ)$	-3.56	-4.21	-4.94	-4.94	-4.37	-4.60	-5.73	-8.23	-8.17	-5.13	-2.59	-0.56	0.01	-0.91	-3.43	-5.45	-7.89	-11.90	-8.94	-7.23	-5.59	-4.31	-3.84	-3.41	-3.56
$\theta(75^\circ)$	-4.72	-6.45	-8.77	-8.17	-6.80	-6.75	-7.46	-8.67	-9.39	-7.35	-4.43	-2.34	-1.66	-3.15	-5.34	-6.54	-6.21	-5.80	-5.62	-6.75	-8.21	-7.41	-6.47	-5.80	-4.72
$\theta(90^\circ)$	-8.53	-9.14	-9.17	-12.09	-10.42	-6.71	-4.73	-3.64	-3.13	-3.29	-3.55	-2.99	-3.13	-4.72	-5.60	-3.36	-2.48	-2.40	-3.06	-4.40	-6.45	-7.46	-6.92	-7.76	-8.53
$\theta(105^\circ)$	-14.31	-9.20	-6.43	-6.54	-7.73	-7.45	-6.40	-4.96	-3.40	-2.24	-1.92	-2.81	-4.76	-6.74	-3.57	-1.89	-2.01	-3.45	-5.28	-6.54	-6.98	-6.53	-6.31	-8.40	-14.31
$\theta(120^\circ)$	-11.96	-10.04	-6.86	-6.23	-7.44	-8.68	-8.54	-7.27	-5.84	-4.93	-4.96	-6.31	-7.83	-7.37	-5.35	-4.43	-5.11	-6.79	-8.45	-8.11	-6.91	-6.03	-6.27	-8.17	-11.96
$\theta(135^\circ)$	-7.02	-6.37	-6.05	-6.50	-7.34	-9.69	-11.35	-10.95	-9.38	-8.50	-8.55	-8.71	-8.39	-7.88	-7.54	-8.47	-10.49	-11.77	-10.70	-8.55	-6.85	-6.35	-6.41	-7.18	-7.02
$\theta(150^\circ)$	-4.35	-4.83	-5.88	-7.37	-8.35	-8.69	-9.06	-8.99	-8.12	-7.15	-6.30	-5.66	-5.43	-5.65	-6.33	-7.07	-8.41	-10.35	-11.24	-10.30	-8.27	-6.42	-5.14	-4.41	-4.35
$\theta(165^\circ)$	-8.94	-9.26	-9.39	-9.74	-10.72	-12.58	-15.58	-15.74	-12.21	-9.48	-7.91	-7.21	-7.09	-7.41	-7.82	-8.77	-10.21	-11.66	-12.01	-10.87	-9.44	-8.65	-8.54	-8.64	-8.94
$\theta(180^\circ)$	-2.73	-2.85	-3.25	-4.07	-5.11	-6.34	-6.64	-6.18	-5.37	-4.37	-3.55	-3.06	-2.89	-3.30	-3.76	-4.32	-5.31	-6.35	-6.91	-6.61	-5.73	-4.69	-3.80	-3.18	-2.73

1SS																									
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°)	-1.15	-1.61	-2.73	-2.82	-1.66	-0.73	-0.39	-0.62	-1.29	-1.75	-1.48	-1.44	-1.81	-2.69	-3.87	-2.78	-1.55	-0.83	-0.68	-1.00	-1.78	-2.15	-1.69	-1.23	-1.15
θ (15°)	1.83	1.39	0.48	-0.69	-1.07	-0.32	0.09	0.05	-0.67	-2.01	-3.81	-5.34	-6.58	-6.19	-4.32	-2.76	-1.60	-0.97	-0.82	-0.68	-0.15	0.77	1.52	1.90	1.83
θ (30°)	4.39	4.01	3.33	2.39	1.20	0.18	0.18	0.20	-0.11	-0.88	-2.09	-3.57	-3.98	-3.53	-3.20	-2.72	-0.42	0.87	1.32	1.83	2.80	3.88	4.47	4.65	4.39
θ (45°)	5.74	5.03	4.21	3.30	2.26	1.05	0.91	0.59	0.05	-0.40	-0.56	0.14	0.37	0.13	0.08	0.51	1.53	2.48	3.12	3.54	4.57	5.43	5.98	[6.11]	5.74
θ (60°)	5.91	5.65	5.06	4.41	3.83	3.97	4.06	4.12	4.02	4.01	4.12	4.11	3.86	3.40	2.97	2.83	2.94	2.95	3.21	3.38	3.66	4.30	5.14	5.70	5.91
θ (75°)	5.25	5.20	4.72	4.21	4.14	4.24	4.34	4.32	4.17	3.89	3.52	3.29	3.20	3.03	2.71	2.54	2.79	3.28	3.59	3.85	3.86	3.92	4.20	4.66	5.25
θ (90°)	4.29	4.39	4.68	4.93	5.05	4.82	4.47	3.88	3.40	2.85	2.47	2.42	2.44	2.27	1.93	1.93	2.66	3.28	3.68	4.06	4.41	4.65	4.70	4.52	4.29
θ (105°)	4.59	4.70	4.93	4.83	4.51	4.05	3.81	3.80	3.79	3.51	2.76	2.06	1.90	1.84	1.61	2.03	2.60	3.12	3.73	4.39	4.88	5.21	5.23	4.92	4.59
θ (120°)	5.36	5.30	5.05	4.54	3.92	3.22	2.50	1.95	2.28	2.42	2.32	1.98	1.63	1.51	1.07	0.62	0.37	1.26	2.83	3.92	4.66	5.12	5.29	5.49	5.36
θ (135°)	3.44	3.21	2.90	2.55	2.39	1.85	1.28	0.74	0.62	0.58	0.54	0.51	0.61	0.57	0.28	-0.10	-0.46	0.33	1.43	2.34	3.05	3.43	3.75	3.83	3.44
θ (150°)	0.10	0.11	-0.00	-0.15	-0.42	-0.30	0.25	0.16	0.11	-0.08	-0.32	-0.68	-0.95	-0.97	-0.54	0.00	-0.27	-0.77	-1.25	-1.23	-0.78	-0.38	-0.00	-0.09	0.10
θ (165°)	-3.46	-3.59	-3.94	-4.12	-4.11	-4.06	-4.16	-4.59	-5.41	-6.39	-7.15	-7.56	-7.70	-7.46	-6.17	-4.84	-3.80	-3.18	-3.07	-3.26	-3.43	-3.32	-3.68	-3.29	-3.46
θ (180°)	-8.68	-7.43	-5.22	-3.52	-2.17	-1.71	-1.45	-1.82	-3.22	-4.63	-6.05	-6.79	-7.10	-5.62	-4.09	-2.30	-1.65	-1.42	-1.63	-2.29	-3.35	-4.90	-6.39	-7.14	-8.68
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°)	-0.60	-0.97	-1.81	-2.21	-1.70	-1.36	-1.48	-2.21	-3.16	-2.39	-1.30	-0.80	-0.80	-1.28	-2.20	-2.68	-2.29	-2.01	-2.19	-2.86	-3.52	-2.50	-1.25	-0.67	-0.60
θ (15°)	-1.45	-1.81	-2.46	-2.99	-1.79	-1.31	-1.47	-2.49	-3.34	-2.79	-1.43	-0.87	-0.91	-1.40	-2.15	-2.87	-3.35	-3.54	-3.62	-3.97	-2.97	-1.78	-1.38	-1.34	-1.45
θ (30°)	-2.23	-2.19	-1.96	-1.84	-1.36	-1.35	-1.94	-3.04	-3.69	-3.20	-1.63	-0.30	0.45	0.43	-0.36	-1.83	-3.56	-4.33	-4.01	-3.63	-2.39	-1.44	-1.17	-1.54	-2.23
θ (45°)	-1.90	-2.24	-1.98	-1.48	-1.50	-1.78	-2.72	-3.83	-3.62	-2.04	-0.20	1.30	[1.64]	0.87	-0.65	-2.50	-4.50	-5.46	-5.01	-4.48	-3.08	-1.32	-0.76	-1.03	-1.90
θ (60°)	-3.10	-4.37	-5.07	-3.81	-3.57	-3.96	-4.78	-7.01	-6.36	-3.04	-1.33	0.27	0.61	-0.62	-2.21	-3.31	-6.07	-9.03	-7.60	-7.10	-7.15	-5.42	-3.50	-2.51	-3.10
θ (75°)	-5.71	-6.97	-8.82	-9.23	-7.13	-6.30	-6.38	-6.78	-7.02	-5.74	-4.14	-3.10	-2.35	-2.82	-3.73	-5.34	-5.28	-5.63	-6.15	-8.06	-10.35	-9.96	-8.95	-7.16	-5.71
θ (90°)	-10.01	-9.87	-9.82	-11.40	-10.10	-6.40	-4.35	-3.44	-2.77	-2.79	-3.01	-3.10	-2.78	-2.93	-3.61	-3.18	-3.06	-3.24	-3.66	-4.78	-6.91	-8.56	-7.15	-7.10	-10.01
θ (105°)	-13.18	-8.75	-5.95	-6.19	-7.66	-7.74	-6.51	-4.64	-2.83	-1.78	-1.94	-3.27	-3.51	-4.08	-2.70	-2.28	-3.15	-4.57	-5.14	-4.78	-4.29	-4.58	-5.42	-8.04	-13.18
θ (120°)	-10.05	-8.98	-5.86	-5.32	-6.81	-8.77	-9.20	-8.53	-6.89	-5.74	-5.81	-6.89	-6.66	-5.41	-4.62	-4.63	-5.97	-8.21	-10.23	-10.10	-7.77	-6.06	-5.92	-7.51	-10.05
θ (135°)	-5.75	-5.42	-5.24	-5.74	-6.75	-9.11	-11.75	-12.50	-10.65	-8.73	-7.36	-6.39	-5.89	-6.26	-6.77	-8.24	-11.19	-12.33	-10.64	-8.24	-6.08	-4.95	-4.83	-5.37	-5.75
θ (150°)	-2.20	-2.53	-3.51	-5.19	-7.28	-8.23	-8.22	-8.31	-7.67	-6.60	-5.66	-4.88	-4.46	-4.55	-5.36	-6.29	-8.25	-10.81	-11.22	-9.06	-6.62	-4.58	-3.24	-2.55	-2.20
θ (165°)	-8.61	-9.05	-9.49	-10.13	-11.40	-14.07	-17.00	-15.58	-12.57	-10.01	-8.27	-7.31	-6.91	-6.79	-7.39	-8.82	-10.91	-11.83	-10.60	-8.99	-7.69	-7.16	-7.28	-7.33	-8.61
θ (180°)	-1.99	-2.17	-2.83	-4.00	-5.06	-6.08	-6.55	-6.79	-5.76	-3.95	-2.82	-2.29	-2.17	-2.22	-3.02	-4.05	-5.51	-6.62	-6.94	-6.23	-4.73	-3.13	-2.17	-1.64	-1.99

1SS																									
Freq. (MHz)	2500																								
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°)	-2.12	-2.59	-3.30	-2.60	-1.30	-0.63	-0.57	-1.16	-2.41	-3.49	-3.45	-3.01	-3.10	-3.72	-3.99	-2.25	-1.09	-0.60	-0.67	-1.34	-2.49	-3.12	-2.70	-2.10	-2.12
θ (15°)	1.50	1.08	0.33	-0.36	-0.40	0.14	0.35	-0.07	-1.31	-3.61	-7.02	-8.37	-8.13	-5.08	-2.43	-0.78	0.18	0.59	0.61	0.45	0.24	0.50	1.23	1.58	1.50
θ (30°)	4.13	4.03	3.64	2.88	1.89	1.37	1.28	0.77	-0.42	-2.40	-5.27	-7.70	-6.48	-4.31	-2.38	-0.53	1.03	1.97	2.35	2.31	2.53	3.31	3.86	4.13	4.13
θ (45°)	5.43	5.24	4.88	4.21	3.17	1.85	1.05	0.34	-0.84	-1.50	-0.96	-0.09	0.30	0.24	-0.16	0.15	1.40	2.37	2.90	3.29	4.23	5.01	5.45	5.54	5.43
θ (60°)	[5.59]	5.35	4.84	4.36	4.07	3.83	3.63	3.36	3.18	3.30	3.65	3.81	3.30	2.33	1.72	1.90	2.43	2.95	3.33	3.56	3.81	4.16	4.67	5.28	5.59
θ (75°)	5.20	5.17	4.73	4.03	3.49	3.51	3.60	3.65	3.71	3.67	3.33	2.81	2.54	2.60	2.61	2.79	2.97	3.24	3.46	3.54	3.79	4.03	4.39	4.68	5.20
θ (90°)	4.13	4.13	4.11	4.24	4.38	4.27	4.12	3.89	3.34	2.57	1.82	1.86	2.25	2.39	2.48	2.66	3.29	3.70	3.93	4.20	4.37	4.39	4.40	4.30	4.13
θ (105°)	4.25	4.31	4.39	4.18	3.95	3.69	3.54	3.51	3.53	3.29	2.64	2.07	1.27	0.58	1.35	2.46	3.41	3.95	4.26	4.41	4.52	4.84	4.93	4.74	4.25
θ (120°)	4.96	4.92	4.90	4.64	4.10	3.46	2.88	2.57	2.93	3.03	2.28	1.42	0.67	0.69	1.44	1.89	2.37	3.07	3.93	4.58	4.94	5.15	5.11	4.94	4.96
θ (135°)	3.98	3.46	3.12	2.93	2.86	2.57	2.23	1.78	1.47	1.20	0.95	0.87	0.83	0.79	0.69	0.53	0.68	1.29	2.22	3.05	3.71	4.10	4.34	4.25	3.98
θ (150°)	0.79	0.54	0.12	-0.37	-0.76	-0.30	-0.06	-0.01	0.07	-0.02	-0.18	-0.38	-0.57	-0.73	-0.51	-0.66	-0.78	-0.97	-1.06	-0.74	-0.20	0.28	0.55	0.75	0.79
θ (165°)	-3.69	-3.84	-4.09	-4.33	-4.41	-4.31	-4.28	-4.46	-4.97	-5.69	-6.32	-6.80	-7.34	-7.22	-6.98	-6.14	-5.20	-4.52	-4.18	-4.21	-4.32	-4.20	-3.77	-3.60	-3.69
θ (180°)	-8.06	-6.35	-4.45	-3.02	-2.16	-1.85	-1.75	-2.45	-3.77	-5.33	-7.32	-8.09	-6.94	-4.87	-3.74	-2.65	-2.02	-1.87	-2.20	-3.04	-4.50	-6.56	-9.50	-10.36	-8.06
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°)	-1.00	-1.55	-2.82	-3.54	-3.21	-2.73	-2.83	-3.50	-3.67	-1.93	-0.79	-0.38	-0.59	-1.39	-2.42	-3.30	-3.23	-2.75	-2.84	-3.58	-4.08	-2.55	-1.39	-0.82	-1.00
θ (15°)	-0.73	-0.98	-1.57	-2.33	-2.20	-2.15	-2.68	-3.62	-3.21	-1.11	0.13	0.50	0.14	-0.85	-2.12	-3.30	-3.53	-3.05	-2.93	-3.46	-3.36	-2.12	-1.20	-0.91	-0.73
θ (30°)	-1.15	-0.96	-0.96	-1.44	-2.13	-2.53	-3.16	-4.06	-3.79	-1.95	-0.51	0.08	0.02	-0.50	-1.34	-2.30	-2.93	-2.63	-2.18	-1.97	-2.35	-1.51	-1.12	-1.22	-1.15
θ (45°)	-1.38	-0.88	-0.71	-1.34	-2.49	-3.09	-4.22	-4.89	-3.34	-1.26	-0.00	0.89	[1.09]	0.43	-0.74	-2.07	-3.83	-4.77	-3.91	-3.16	-2.73	-1.84	-1.33	-1.45	-1.38
θ (60°)	-3.42	-3.26	-2.85	-2.85	-4.05	-5.42	-6.19	-8.26	-6.43	-2.96	-1.47	-0.29	0.03	-0.68	-1.15	-2.12	-5.48	-9.40	-7.63	-6.58	-5.52	-4.69	-3.79	-3.45	-3.42
θ (75°)	-6.98	-8.01	-8.96	-8.81	-7.09	-6.23	-6.43	-7.02	-7.11	-5.36	-4.28	-4.10	-3.76	-2.67	-3.09	-4.71	-5.91	-6.45	-6.99	-8.31	-10.35	-10.79	-8.63	-7.77	-6.98
θ (90°)	-11.29	-9.90	-9.17	-11.08	-10.88	-7.31	-5.37	-4.27	-3.50	-3.29	-3.56	-4.08	-4.24	-3.42	-3.20	-3.54	-3.64	-3.72	-3.84	-4.51	-6.01	-7.79	-7.35	-8.62	-11.29
θ (105°)	-10.19	-8.40	-5.92	-6.18	-7.78	-8.73	-7.56	-5.59	-3.65	-2.36	-2.34	-3.39	-3.39	-3.73	-2.28	-1.99	-3.27	-4.95	-5.56	-4.97	-3.74	-3.15	-3.34	-5.41	-10.19
θ (120°)	-7.80	-8.60	-7.35	-6.20	-6.91	-8.70	-10.09	-8.82	-7.13	-6.09	-6.12	-6.84	-7.88	-6.77	-4.93	-4.76	-6.11	-8.30	-9.95	-10.75	-9.01	-6.15	-5.01	-6.38	-7.80
θ (135°)	-5.01	-5.18	-5.21	-5.98	-7.72	-10.76	-13.56	-13.57	-11.16	-9.35	-8.44	-8.01	-7.45	-6.28	-6.42	-7.30	-9.50	-12.79	-12.88	-9.82	-7.05	-5.26	-4.49	-4.69	-5.01
θ (150°)	-1.54	-1.81	-2.59	-3.94	-6.16	-8.67	-10.55	-10.39	-8.38	-6.23	-4.39	-3.39	-3.02	-3.29	-3.82	-5.49	-7.79	-10.67	-10.40	-7.68	-5.53	-3.75	-2.38	-1.73	-1.54
θ (165°)	-7.64	-8.18	-9.06	-10.13	-11.91	-14.31	-14.33	-13.37	-11.87	-10.21	-8.78	-7.83	-7.39	-7.38	-8.13	-9.73	-12.31	-14.16	-13.37	-11.29	-9.61	-8.49	-7.76	-7.41	-7.64
θ (180°)	-1.81	-2.18	-3.07	-4.50	-6.98	-8.96	-8.77	-6.62	-4.72	-3.02	-2.02	-1.49	-1.60	-2.06	-3.12	-4.83	-6.90	-8.48	-7.46	-5.48	-3.83	-2.91	-2.01	-1.60	-1.81

1SS																									
Freq. (MHz)	5150																								
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°)	-11.10	-5.62	-1.09	1.63	3.40	4.45	4.90	4.72	3.89	2.25	-0.50	-5.14	-13.49	-6.64	-1.53	1.44	3.37	4.50	4.92	4.76	3.96	2.37	-0.33	-4.84	-11.10
θ (15°)	-5.54	-3.34	0.02	2.33	3.73	4.48	4.66	4.32	3.33	1.47	-1.71	-7.49	-9.77	-4.44	-0.44	2.04	3.65	4.61	[5.02]	4.96	4.30	2.95	0.67	-2.39	-5.54
θ (30°)	-3.37	-3.00	-1.09	1.18	2.86	3.84	4.12	3.84	3.04	1.60	-0.90	-3.89	-4.89	-2.53	-0.25	1.57	2.79	3.49	3.68	3.43	2.86	2.00	0.46	-1.08	-3.37
θ (45°)	0.22	0.28	0.86	1.98	2.91	3.30	3.26	2.76	1.71	0.15	-1.30	-2.06	-1.04	0.22	0.90	1.52	2.25	2.72	2.88	2.66	2.14	1.50	1.19	0.97	0.22
θ (60°)	1.33	1.54	1.93	2.03	2.34	2.72	2.86	2.64	2.22	1.89	1.48	0.55	0.54	1.56	1.95	2.34	2.67	3.06	3.26	3.09	2.79	2.61	2.73	2.53	1.33
θ (75°)	2.48	2.61	2.78	2.84	2.65	2.78	2.90	2.49	2.34	2.18	1.24	0.87	1.63	1.95	2.57	3.04	3.26	3.19	3.11	2.87	2.64	2.47	2.49	2.73	2.48
θ (90°)	2.16	2.54	2.68	2.17	1.09	0.75	1.37	1.35	1.53	1.81	1.86	1.93	2.10	2.08	2.24	2.38	1.79	1.68	1.64	1.46	1.25	1.95	2.62	2.56	2.16
θ (105°)	1.43	1.07	0.99	0.71	0.35	0.31	0.16	0.56	1.01	1.48	1.83	1.86	2.22	2.57	2.58	2.18	1.68	1.16	0.94	0.60	0.26	0.39	0.72	0.80	1.43
θ (120°)	2.28	2.53	2.29	1.51	1.02	0.80	0.69	0.06	-1.09	-0.05	0.62	0.60	1.04	0.85	0.36	-0.24	-0.98	-0.45	0.23	0.14	-0.56	-0.03	1.21	1.96	2.28
θ (135°)	-3.52	-4.52	-3.11	-2.90	-3.29	-3.08	-2.60	-2.38	-2.08	-1.69	-1.43	-0.61	0.43	0.38	-0.49	-1.35	-1.55	-1.46	-1.81	-2.98	-3.91	-3.71	-3.02	-3.06	-3.52
θ (150°)	-3.48	-2.98	-2.45	-3.07	-4.19	-4.79	-4.23	-4.00	-4.14	-3.47	-2.76	-3.20	-5.22	-5.59	-4.55	-5.70	-6.62	-6.76	-6.52	-6.70	-6.39	-5.49	-4.05	-3.40	-3.48
θ (165°)	-4.13	-4.61	-5.53	-6.12	-5.41	-4.43	-3.94	-4.02	-4.00	-3.84	-3.63	-3.57	-3.78	-4.02	-4.20	-4.31	-4.19	-3.92	-3.93	-4.59	-5.47	-5.65	-5.07	-4.49	-4.13
θ (180°)	-12.42	-10.99	-8.80	-7.03	-5.77	-4.68	-4.10	-4.03	-4.54	-5.81	-7.89	-10.82	-13.09	-12.86	-10.02	-7.00	-5.03	-3.94	-3.57	-3.68	-4.33	-5.48	-7.39	-9.76	-12.42
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°)	4.84	4.72	4.01	2.64	0.33	-3.77	-12.97	-8.88	-2.33	1.03	3.04	4.21	4.73	4.69	4.04	2.74	0.47	-3.44	-11.27	-7.93	-2.18	1.12	3.16	4.32	4.84
θ (15°)	5.16	4.92	3.98	2.23	-0.67	-6.02	-17.64	-6.93	-1.47	1.48	3.17	4.08	4.40	4.22	3.48	2.10	-0.36	-4.62	-13.43	-8.66	-2.48	1.17	3.39	4.52	5.16
θ (30°)	[5.45]	5.14	4.21	2.67	0.25	-3.89	-13.21	-8.35	-2.40	1.20	3.46	4.50	4.58	3.95	3.04	1.65	-0.87	-5.64	-15.41	-8.60	-2.27	1.03	3.18	4.66	5.45
θ (45°)	4.51	4.15	2.83	0.69	-2.46	-8.21	-16.28	-7.24	-1.90	1.42	3.41	4.67	5.23	4.69	3.05	0.75	-2.12	-6.59	-13.52	-8.31	-2.87	0.54	2.60	3.74	4.51
θ (60°)	4.04	3.68	2.54	0.58	-2.34	-6.58	-12.92	-8.57	-3.76	-0.60	1.25	3.26	3.83	2.57	1.21	0.43	-1.56	-5.61	-12.61	-11.33	-4.97	-1.37	1.54	3.38	4.04
θ (75°)	3.32	2.16	0.45	-0.65	-3.04	-7.31	-12.67	-7.81	-2.66	-0.71	0.70	2.41	3.04	2.32	1.52	-0.00	-2.86	-7.54	-10.98	-7.76	-3.00	-0.23	1.01	2.14	3.32
θ (90°)	1.16	0.83	-0.31	-0.29	-0.39	-3.01	-9.06	-10.38	-5.44	-1.50	-0.10	0.44	1.19	1.12	-0.77	-0.67	-1.63	-5.56	-9.14	-7.05	-3.85	-2.02	-0.04	1.48	1.16
θ (105°)	-1.18	-1.00	-2.33	-4.28	-6.77	-10.94	-15.25	-10.23	-4.62	-2.91	-2.62	-1.13	-1.00	-0.48	-1.01	-1.54	-4.53	-10.43	-14.99	-10.73	-6.54	-3.85	-2.36	-2.06	-1.18
θ (120°)	-3.29	-4.11	-4.38	-4.89	-6.45	-9.57	-12.99	-12.34	-5.70	-2.88	-2.17	-2.16	-2.99	-3.66	-2.81	-3.32	-5.78	-8.39	-9.57	-6.98	-5.31	-4.61	-4.25	-4.69	-3.29
θ (135°)	-4.64	-3.97	-3.69	-4.44	-7.51	-16.25	-11.43	-6.30	-3.66	-3.83	-5.75	-7.69	-7.12	-6.35	-6.23	-5.12	-4.83	-7.03	-13.11	-10.84	-5.40	-3.16	-3.17	-4.71	-4.64
θ (150°)	-5.34	-5.01	-4.67	-3.98	-4.58	-7.46	-11.40	-7.91	-4.22	-3.62	-6.36	-9.07	-8.08	-6.87	-5.92	-4.00	-3.35	-5.05	-8.69	-8.48	-4.84	-3.77	-4.48	-5.09	-5.34
θ (165°)	-6.12	-6.47	-6.15	-6.70	-8.35	-11.70	-12.82	-10.21	-8.33	-7.79	-8.46	-8.78	-8.79	-7.94	-6.97	-6.72	-7.50	-9.16	-10.69	-7.66	-5.41	-4.34	-4.49	-5.25	-6.12
θ (180°)	-3.30	-3.50	-4.40	-5.71	-7.39	-9.38	-10.33	-9.40	-7.64	-5.86	-4.42	-3.55	-3.39	-3.75	-4.54	-6.30	-8.88	-12.20	-15.93	-13.01	-8.56	-5.94	-4.38	-3.55	-3.30

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°)	-10.73	-5.58	-1.02	1.80	3.63	4.63	5.03	4.84	4.04	2.52	-0.06	-4.57	-12.52	-6.23	-1.33	1.76	3.70	4.79	[5.17]	4.91	4.07	2.58	0.00	-4.34	-10.73
θ (15°)	-4.71	-2.80	0.19	2.26	3.56	4.25	4.44	4.09	3.08	1.21	-1.92	-7.58	-9.79	-4.62	-0.55	2.09	3.72	4.67	5.08	5.04	4.46	3.19	0.93	-1.96	-4.71
θ (30°)	-2.92	-2.70	-1.07	1.18	2.84	3.81	4.17	3.97	3.04	1.43	-0.99	-3.80	-4.92	-2.80	-0.42	1.64	2.98	3.84	4.24	4.07	3.33	2.13	0.62	-0.90	-2.92
θ (45°)	0.09	-0.34	0.18	1.76	2.82	3.24	3.28	2.87	1.87	0.22	-1.46	-2.11	-1.01	0.08	0.87	1.57	2.27	2.70	2.89	2.79	2.25	1.43	1.19	1.24	0.09
θ (60°)	0.93	1.30	1.78	1.93	2.17	2.34	2.39	2.21	2.02	1.86	1.38	0.32	0.08	1.10	1.49	2.22	2.64	2.89	3.05	2.95	2.67	2.53	2.73	2.40	0.93
θ (75°)	2.41	2.67	2.80	2.83	2.62	2.59	2.64	2.28	2.12	2.01	1.16	0.57	1.32	1.79	2.51	2.84	2.92	2.75	2.73	2.71	2.61	2.56	2.66	2.68	2.41
θ (90°)	1.88	2.38	2.65	2.06	0.91	0.72	1.40	1.29	1.65	2.01	1.89	1.79	2.27	2.30	2.18	2.53	1.90	1.58	1.44	1.10	1.27	1.95	2.41	2.25	1.88
θ (105°)	1.22	0.90	1.00	0.70	0.40	0.37	0.27	0.53	0.97	1.66	1.70	1.54	2.29	2.64	2.61	1.95	1.34	0.86	0.72	0.52	0.26	0.32	0.58	0.76	1.22
θ (120°)	2.22	2.43	2.34	1.58	0.87	0.39	0.48	0.04	-1.17	-0.07	0.55	0.41	1.16	0.90	-0.08	-0.51	-1.17	-0.61	0.13	0.31	-0.30	0.31	1.64	2.23	2.22
θ (135°)	-3.12	-4.27	-3.31	-3.06	-3.30	-2.85	-2.35	-2.09	-1.71	-1.22	-1.08	-0.61	0.54	0.67	-0.13	-0.96	-1.03	-1.04	-1.45	-2.49	-3.40	-3.31	-2.93	-2.84	-3.12
θ (150°)	-4.19	-3.58	-3.02	-3.42	-4.39	-4.68	-4.02	-3.90	-4.14	-3.68	-3.30	-4.09	-6.36	-5.93	-4.98	-6.24	-6.57	-6.18	-5.80	-5.95	-5.99	-5.52	-4.14	-3.81	-4.19
θ (165°)	-3.87	-4.43	-5.47	-6.20	-5.48	-4.46	-3.96	-4.10	-4.27	-4.31	-4.34	-4.29	-4.38	-4.62	-4.97	-5.07	-4.74	-4.34	-4.27	-4.86	-5.68	-5.66	-4.84	-4.19	-3.87
θ (180°)	-12.76	-11.34	-9.16	-7.14	-5.71	-4.67	-4.06	-3.91	-4.42	-5.73	-7.85	-10.67	-12.84	-12.44	-9.68	-6.96	-5.07	-3.95	-3.57	-3.81	-4.59	-5.80	-7.59	-10.06	-12.76
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°)	5.05	4.90	4.16	2.75	0.35	-3.86	-12.61	-7.99	-1.96	1.40	3.41	4.54	5.03	4.97	4.34	3.02	0.70	-3.11	-9.39	-6.61	-1.67	1.43	3.42	4.58	5.05
θ (15°)	5.16	4.84	3.78	1.86	-1.24	-6.80	-17.73	-6.64	-1.34	1.47	3.11	4.09	4.55	4.44	3.72	2.28	-0.23	-4.47	-12.53	-7.89	-2.27	1.25	3.44	4.56	5.16
θ (30°)	[5.61]	5.17	4.07	2.67	0.58	-3.10	-11.17	-9.71	-3.35	0.71	3.21	4.46	4.54	3.85	3.08	1.94	-0.44	-5.13	-14.56	-8.17	-2.05	1.16	3.37	4.94	5.61
θ (45°)	4.33	4.00	2.71	0.72	-2.21	-7.96	-15.24	-7.05	-1.54	1.72	3.52	4.57	5.06	4.69	3.30	1.06	-2.26	-7.51	-14.95	-8.37	-2.57	0.56	2.65	3.66	4.33
θ (60°)	4.11	3.62	2.67	0.89	-2.07	-6.49	-11.72	-8.18	-3.77	-0.52	1.48	3.36	3.85	2.94	1.53	0.40	-1.79	-6.04	-12.79	-10.21	-3.95	-0.57	1.81	3.63	4.11
θ (75°)	2.92	2.07	0.44	-0.75	-3.11	-7.49	-11.69	-6.80	-2.05	-0.30	1.09	2.44	3.11	2.83	1.94	0.26	-2.62	-7.39	-10.65	-7.20	-2.98	-0.35	1.06	2.05	2.92
θ (90°)	1.47	1.09	-0.12	-0.04	-0.19	-2.96	-8.67	-10.14	-5.18	-1.41	-0.17	0.73	0.96	1.02	-0.87	-0.66	-1.78	-6.12	-10.94	-8.07	-3.88	-1.66	0.47	2.04	1.47
θ (105°)	-0.73	-0.84	-2.04	-3.35	-5.32	-9.41	-13.02	-9.74	-3.88	-1.95	-1.87	-0.94	-0.85	-0.08	-0.98	-1.51	-4.60	-10.30	-13.76	-9.83	-5.95	-3.28	-1.60	-1.52	-0.73
θ (120°)	-3.84	-4.87	-4.15	-4.58	-6.25	-8.47	-11.61	-11.42	-5.77	-2.75	-2.16	-2.16	-2.67	-3.17	-2.91	-3.28	-4.75	-7.85	-9.26	-6.75	-5.17	-4.56	-4.24	-4.96	-3.84
θ (135°)	-4.41	-4.31	-3.68	-4.48	-7.82	-14.94	-11.24	-5.90	-3.31	-3.40	-5.59	-7.95	-6.99	-5.96	-5.89	-5.09	-4.58	-7.07	-13.99	-12.60	-5.57	-3.21	-3.31	-4.60	-4.41
θ (150°)	-5.54	-5.01	-4.54	-3.99	-5.11	-8.74	-13.60	-8.38	-4.18	-3.46	-6.14	-8.78	-7.39	-6.06	-5.15	-3.87	-3.62	-5.61	-9.48	-8.22	-4.66	-3.59	-4.51	-5.50	-5.54
θ (165°)	-6.43	-6.65	-6.30	-6.80	-8.83	-12.94	-13.07	-9.63	-7.81	-7.62	-8.50	-9.00	-8.93	-7.80	-6.67	-6.64	-7.83	-10.07	-11.59	-8.24	-5.88	-4.70	-4.89	-5.64	-6.43
θ (180°)	-3.27	-3.51	-4.30	-5.56	-7.26	-9.50	-11.32	-10.34	-8.05	-5.79	-4.20	-3.24	-3.02	-3.35	-4.20	-6.13	-8.85	-11.96	-14.46	-13.58	-8.92	-6.11	-4.42	-3.49	-3.27

1SS																									
Freq. (MHz)	5250																								
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°)	-10.80	-5.36	-0.94	1.91	3.71	4.72	5.12	4.94	4.12	2.52	-0.17	-4.65	-11.85	-5.93	-1.05	2.00	3.84	4.85	[5.24]	5.02	4.18	2.59	-0.02	-4.44	-10.80
θ (15°)	-4.13	-2.69	0.14	2.21	3.63	4.41	4.56	4.09	2.95	0.92	-2.29	-7.84	-10.49	-5.20	-0.69	2.11	3.81	4.79	5.17	5.06	4.36	3.06	1.01	-1.51	-4.13
θ (30°)	-2.51	-2.18	-0.79	1.28	2.85	3.79	4.17	3.94	3.03	1.35	-1.20	-3.89	-5.19	-3.30	-0.87	1.37	2.97	3.98	4.45	4.36	3.72	2.52	0.90	-0.55	-2.51
θ (45°)	-0.02	-0.19	0.14	1.34	2.40	3.11	3.31	2.96	1.94	0.43	-0.99	-1.54	-0.85	0.17	1.06	1.80	2.44	2.82	2.94	2.85	2.36	1.38	0.85	0.96	-0.02
θ (60°)	0.51	1.08	1.54	1.66	1.87	2.08	2.21	2.00	1.90	1.74	1.09	-0.26	-0.72	0.64	1.51	2.29	2.49	2.56	2.79	2.85	2.49	2.20	2.53	2.16	0.51
θ (75°)	2.16	2.74	2.92	2.95	2.66	2.40	2.47	2.19	1.95	1.67	0.98	0.59	0.99	1.45	2.48	2.75	2.66	2.47	2.49	2.61	2.63	2.68	2.81	2.61	2.16
θ (90°)	1.63	2.07	2.46	2.00	1.04	0.84	1.28	1.14	1.85	2.06	1.93	2.00	2.51	2.71	2.15	2.45	1.91	1.49	1.27	0.92	1.18	1.72	2.21	2.15	1.63
θ (105°)	0.93	0.69	0.68	0.42	0.59	0.73	0.42	0.47	0.87	1.61	1.35	1.21	2.17	2.44	2.27	1.29	0.98	0.74	0.67	0.45	0.16	0.18	0.41	0.55	0.93
θ (120°)	1.78	2.14	2.18	1.46	0.71	-0.05	-0.10	-0.47	-1.30	-0.28	0.20	0.02	1.07	0.73	-0.50	-0.86	-1.41	-0.69	-0.03	0.23	-0.23	0.45	1.69	2.06	1.78
θ (135°)	-3.04	-4.11	-3.46	-3.02	-2.87	-2.32	-1.91	-1.82	-1.62	-1.15	-0.83	-0.68	0.06	0.27	-0.09	-0.68	-0.81	-0.85	-1.18	-2.14	-3.22	-3.07	-2.83	-2.82	-3.04
θ (150°)	-5.02	-4.50	-3.77	-4.04	-4.92	-4.90	-4.19	-4.14	-4.26	-3.97	-3.84	-4.82	-7.16	-6.32	-5.59	-6.55	-6.42	-5.90	-5.35	-5.51	-5.72	-5.51	-4.36	-4.29	-5.02
θ (165°)	-4.09	-4.63	-5.63	-6.16	-5.68	-4.79	-4.34	-4.62	-4.89	-4.80	-4.96	-5.21	-5.39	-5.69	-5.93	-5.74	-5.36	-4.95	-4.84	-5.36	-6.09	-5.91	-5.03	-4.40	-4.09
θ (180°)	-12.49	-11.28	-9.28	-7.33	-5.97	-5.02	-4.31	-4.08	-4.54	-5.79	-7.87	-10.09	-11.19	-11.03	-9.52	-7.16	-5.55	-4.51	-4.08	-4.15	-4.87	-6.10	-7.83	-10.02	-12.49
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°)	5.05	4.87	4.10	2.57	0.03	-4.09	-11.13	-6.88	-1.77	1.53	3.61	4.75	5.19	5.04	4.28	2.80	0.25	-3.78	-9.81	-5.97	-1.52	1.52	3.49	4.60	5.05
θ (15°)	5.17	4.82	3.75	1.79	-1.44	-7.29	-15.59	-5.61	-0.66	2.00	3.56	4.41	4.78	4.65	3.89	2.42	-0.12	-4.32	-10.87	-6.34	-1.67	1.61	3.70	4.72	5.17
θ (30°)	[5.73]	5.26	4.02	2.53	0.46	-3.10	-10.36	-8.53	-3.37	0.55	2.99	4.28	4.55	4.13	3.23	1.84	-0.64	-5.35	-13.99	-7.86	-2.21	0.90	3.27	5.04	5.73
θ (45°)	4.33	3.90	2.66	0.80	-2.02	-7.55	-15.04	-6.54	-1.18	1.89	3.64	4.57	4.84	4.47	3.26	0.99	-2.62	-8.68	-16.13	-6.87	-1.48	1.21	2.79	3.71	4.33
θ (60°)	4.15	3.51	2.57	1.01	-2.01	-6.42	-10.89	-7.56	-3.37	-0.07	1.87	3.13	3.63	3.21	1.71	0.12	-2.36	-7.09	-13.25	-9.35	-3.23	0.16	2.04	3.63	4.15
θ (75°)	2.68	1.93	0.41	-0.67	-2.92	-7.85	-11.74	-6.35	-1.87	-0.24	1.32	2.57	3.20	3.00	1.93	0.14	-2.75	-7.74	-11.75	-6.56	-2.80	-0.58	1.15	2.09	2.68
θ (90°)	1.57	1.17	-0.03	-0.21	-0.48	-3.25	-8.42	-9.66	-4.64	-1.74	-0.51	0.72	0.85	0.99	-1.01	-0.90	-2.06	-6.84	-13.41	-7.87	-2.92	-1.15	0.46	2.11	1.57
θ (105°)	-0.40	-0.71	-1.93	-3.06	-5.29	-9.50	-12.26	-9.15	-3.27	-1.52	-1.34	-0.86	-1.16	-0.03	-1.07	-1.57	-4.86	-11.73	-12.96	-8.60	-5.32	-2.58	-0.89	-1.09	-0.40
θ (120°)	-4.09	-5.09	-4.06	-4.24	-5.29	-7.49	-10.74	-9.86	-5.83	-3.00	-2.50	-2.01	-2.41	-2.96	-3.08	-3.70	-4.73	-8.09	-9.58	-6.94	-5.10	-4.50	-4.17	-4.61	-4.09
θ (135°)	-3.96	-4.62	-4.07	-4.77	-7.59	-12.75	-10.89	-5.52	-2.88	-3.01	-5.53	-7.85	-7.12	-5.81	-5.87	-4.76	-4.15	-6.57	-13.40	-11.82	-5.15	-2.99	-3.17	-4.28	-3.96
θ (150°)	-6.07	-5.00	-4.32	-4.06	-5.37	-9.22	-15.10	-9.58	-4.70	-3.85	-6.47	-9.19	-7.03	-5.72	-4.72	-3.78	-4.09	-6.37	-10.49	-8.56	-4.81	-3.75	-4.83	-6.29	-6.07
θ (165°)	-6.79	-6.88	-6.57	-6.99	-8.82	-13.29	-13.79	-9.64	-7.69	-7.61	-8.80	-9.38	-9.14	-7.79	-6.78	-6.92	-8.16	-10.61	-12.26	-8.45	-6.06	-5.01	-5.35	-6.25	-6.79
θ (180°)	-3.81	-4.05	-4.82	-5.95	-7.55	-9.32	-11.22	-11.05	-8.81	-6.36	-4.65	-3.70	-3.42	-3.69	-4.60	-6.24	-8.65	-11.92	-14.13	-14.21	-9.57	-6.75	-5.02	-4.05	-3.81

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°)	-10.93	-5.57	-1.15	1.86	3.72	4.73	5.03	4.77	3.94	2.32	-0.48	-4.99	-11.77	-5.93	-1.25	1.85	3.72	4.75	[5.11]	4.84	3.94	2.29	-0.46	-4.61	-10.93
θ (15°)	-4.05	-2.53	0.32	2.46	3.88	4.65	4.83	4.42	3.35	1.41	-1.89	-8.06	-10.97	-4.52	-0.18	2.38	3.91	4.73	4.99	4.78	4.05	2.76	0.79	-1.58	-4.05
θ (30°)	-2.05	-1.38	-0.08	1.56	2.88	3.69	4.01	3.83	2.99	1.43	-0.99	-3.73	-5.03	-3.21	-0.95	1.14	2.76	3.78	4.28	4.32	3.81	2.70	1.04	-0.47	-2.05
θ (45°)	-0.57	-0.19	0.38	1.41	2.61	3.31	3.44	3.02	2.17	1.04	-0.11	-0.65	-0.27	0.66	1.22	1.78	2.43	2.89	3.17	3.17	2.67	1.56	0.55	0.31	-0.57
θ (60°)	0.05	1.02	1.51	1.49	1.64	1.97	2.10	1.87	1.84	1.75	0.89	-0.72	-1.29	0.40	1.86	2.50	2.43	2.37	2.53	2.64	2.41	2.01	2.13	1.57	0.05
θ (75°)	1.94	2.84	2.89	2.91	2.59	2.20	2.37	2.16	1.78	1.32	0.94	0.63	1.28	1.56	1.69	2.02	2.26	2.45	2.58	2.48	2.49	2.85	2.90	2.46	1.94
θ (90°)	1.29	1.72	2.21	2.05	1.36	1.07	1.16	1.19	1.88	2.22	2.06	1.99	2.55	3.06	2.46	2.36	2.03	1.63	1.24	0.63	1.08	2.06	2.47	1.84	1.29
θ (105°)	0.42	0.27	0.36	0.44	0.91	0.93	0.61	0.44	0.71	1.63	1.46	0.90	1.60	2.01	1.82	1.01	1.20	1.03	0.63	0.33	0.19	0.23	0.25	0.13	0.42
θ (120°)	1.33	1.89	1.98	1.34	0.60	-0.33	-0.66	-1.09	-1.68	-0.53	0.07	-0.31	0.30	0.15	-0.90	-1.29	-1.60	-0.83	-0.39	-0.34	-0.45	0.43	1.49	1.70	1.33
θ (135°)	-3.20	-3.99	-3.54	-2.70	-2.25	-1.85	-1.72	-1.83	-1.84	-1.41	-0.93	-0.93	-0.70	-0.28	-0.18	-0.43	-0.58	-0.57	-0.91	-1.96	-3.02	-3.03	-3.18	-3.22	-3.20
θ (150°)	-5.74	-5.14	-4.13	-4.43	-5.07	-4.73	-3.89	-3.63	-3.84	-3.79	-4.09	-5.46	-8.10	-7.08	-5.79	-6.61	-6.46	-6.11	-5.51	-5.41	-5.69	-5.61	-4.70	-4.74	-5.74
θ (165°)	-4.49	-5.13	-6.04	-6.52	-6.05	-5.12	-4.70	-5.04	-5.47	-5.63	-5.80	-6.03	-6.41	-6.68	-6.69	-6.32	-5.67	-5.01	-4.90	-5.52	-6.58	-6.52	-5.42	-4.73	-4.49
θ (180°)	-11.56	-10.97	-9.41	-7.72	-6.41	-5.42	-4.70	-4.53	-5.04	-6.30	-7.90	-9.01	-9.77	-9.98	-9.47	-7.88	-6.21	-5.07	-4.61	-4.79	-5.41	-6.53	-7.90	-9.50	-11.56
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°)	5.00	4.80	3.95	2.34	-0.36	-4.22	-10.69	-5.95	-1.44	1.83	3.76	4.81	5.20	4.98	4.12	2.54	-0.15	-4.19	-9.98	-5.37	-1.24	1.84	3.68	4.66	5.00
θ (15°)	5.10	4.80	3.81	2.01	-0.95	-6.38	-14.15	-5.19	-0.22	2.52	4.05	4.79	5.05	4.82	4.00	2.46	-0.13	-4.29	-9.80	-5.13	-1.02	1.92	3.72	4.63	5.10
θ (30°)	[5.87]	5.49	4.35	2.86	0.73	-2.89	-9.80	-7.57	-2.38	1.07	2.94	4.20	4.70	4.53	3.60	1.90	-0.73	-5.48	-14.17	-7.85	-2.31	0.74	3.17	5.12	5.87
θ (45°)	4.63	4.20	2.98	0.95	-1.85	-7.05	-13.94	-6.40	-1.12	1.96	3.77	4.61	4.64	4.15	2.99	0.80	-2.89	-9.00	-14.48	-6.14	-1.09	1.44	3.00	3.99	4.63
θ (60°)	4.16	3.51	2.36	0.76	-2.27	-6.94	-11.66	-7.96	-3.16	0.26	2.24	2.99	3.46	3.25	1.69	-0.20	-3.12	-7.69	-13.59	-8.58	-3.12	0.31	2.29	3.46	4.16
θ (75°)	2.71	1.94	0.30	-0.74	-3.19	-8.51	-13.05	-6.81	-2.39	-0.45	1.49	2.66	3.16	2.89	1.63	-0.09	-2.95	-8.10	-12.58	-6.73	-2.57	-0.49	0.89	2.01	2.71
θ (90°)	1.60	1.44	0.31	-0.36	-1.00	-3.99	-9.31	-9.36	-4.38	-2.23	-0.56	0.85	0.59	0.81	-1.16	-0.84	-2.05	-7.27	-14.32	-7.22	-2.50	-0.84	0.33	2.00	1.60
θ (105°)	-0.25	-0.54	-1.69	-2.88	-5.07	-9.19	-11.97	-9.32	-3.41	-1.43	-1.22	-1.12	-1.03	-0.18	-1.11	-1.26	-4.87	-12.53	-11.95	-7.28	-4.33	-2.11	-0.77	-0.83	-0.25
θ (120°)	-3.78	-4.91	-4.18	-4.00	-4.73	-7.22	-9.91	-8.45	-4.89	-3.18	-2.76	-1.92	-2.53	-2.79	-2.86	-4.16	-4.95	-7.73	-9.15	-6.29	-4.20	-3.87	-4.18	-3.78	-3.78
θ (135°)	-3.42	-4.81	-4.58	-4.62	-6.38	-10.64	-10.64	-5.83	-3.04	-2.88	-5.33	-7.57	-6.90	-5.59	-5.53	-4.30	-3.77	-6.38	-12.52	-10.25	-4.34	-2.35	-2.72	-3.73	-3.42
θ (150°)	-6.72	-5.38	-4.38	-4.05	-5.13	-8.63	-14.97	-10.12	-5.05	-4.05	-6.49	-9.43	-7.43	-6.25	-4.93	-3.69	-4.18	-7.04	-12.80	-9.03	-4.82	-3.64	-4.68	-6.40	-6.72
θ (165°)	-7.11	-7.13	-6.78	-6.97	-8.44	-12.74	-13.60	-9.12	-7.47	-7.71	-9.00	-9.56	-9.20	-7.85	-7.04	-7.24	-8.42	-11.12	-12.86	-8.38	-6.06	-4.89	-5.28	-6.36	-7.11
θ (180°)	-4.17	-4.37	-5.02	-6.10	-7.44	-8.76	-10.05	-9.98	-8.78	-6.61	-5.00	-4.06	-3.78	-4.10	-5.03	-6.52	-8.67	-10.87	-12.80	-13.11	-10.02	-7.20	-5.48	-4.56	-4.17

1SS																									
Freq. (MHz)	5350																								
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°)	-12.86	-6.54	-1.37	1.78	3.63	4.68	[5.12]	4.96	4.10	2.42	-0.35	-5.09	-14.13	-6.98	-1.45	1.78	3.69	4.71	5.06	4.87	4.07	2.41	-0.41	-5.31	-12.86
θ (15°)	-4.44	-2.53	0.43	2.54	3.92	4.77	5.07	4.76	3.79	1.93	-1.17	-6.63	-9.02	-3.96	0.12	2.59	4.04	4.74	4.90	4.56	3.73	2.31	0.20	-2.31	-4.44
θ (30°)	-1.60	-0.84	0.32	1.87	3.12	3.83	4.03	3.79	2.96	1.54	-0.58	-3.07	-4.19	-2.63	-0.64	1.18	2.70	3.77	4.34	4.40	3.95	2.84	1.04	-0.54	-1.60
θ (45°)	-0.90	-0.23	0.75	1.92	3.01	3.62	3.74	3.50	2.78	1.61	0.39	-0.20	0.20	1.18	1.72	2.22	2.79	3.22	3.51	3.56	3.10	1.98	0.58	-0.01	-0.90
θ (60°)	0.08	0.72	1.35	1.53	1.63	1.93	2.01	1.98	2.12	1.99	1.05	-0.65	-1.15	0.29	1.64	2.35	2.52	2.58	2.60	2.71	2.50	2.00	1.69	1.08	0.08
θ (75°)	2.03	2.84	2.96	2.94	2.48	2.05	2.28	2.17	1.78	1.21	0.74	0.16	1.33	1.64	1.42	1.65	1.96	2.24	2.49	2.53	2.51	2.92	3.06	2.59	2.03
θ (90°)	1.37	1.74	2.13	2.13	1.58	1.20	1.21	1.36	2.15	2.43	2.31	2.18	2.08	3.10	2.98	2.81	2.44	1.83	1.51	0.92	1.17	2.10	2.55	1.84	1.37
θ (105°)	0.74	0.30	0.31	0.44	0.95	0.91	0.71	0.67	0.68	1.38	1.78	1.19	1.06	1.76	1.71	1.02	1.26	0.90	0.54	0.63	0.67	0.52	0.09	0.06	0.74
θ (120°)	1.45	2.03	1.92	1.33	0.62	-0.53	-0.78	-1.07	-1.50	-0.60	0.08	-0.23	0.00	-0.42	-1.34	-1.18	-1.38	-0.89	-0.79	-0.73	-0.39	0.65	1.70	1.81	1.45
θ (135°)	-3.03	-3.37	-3.35	-1.99	-1.34	-1.05	-1.15	-1.46	-1.71	-1.60	-0.79	-0.36	-0.26	0.08	0.13	-0.38	-0.65	-0.47	-0.65	-1.58	-2.38	-2.60	-3.23	-3.34	-3.03
θ (150°)	-5.32	-4.79	-3.85	-4.49	-5.39	-5.22	-4.06	-3.67	-3.84	-3.65	-4.00	-5.62	-8.79	-7.05	-5.41	-6.16	-6.01	-5.72	-5.24	-5.36	-5.70	-5.25	-4.12	-4.14	-5.32
θ (165°)	-5.08	-5.55	-6.20	-6.30	-5.65	-4.96	-4.71	-5.08	-5.62	-6.03	-6.34	-6.40	-6.56	-6.54	-6.28	-5.83	-5.28	-4.89	-5.13	-6.16	-7.36	-7.27	-6.09	-5.41	-5.08
θ (180°)	-10.24	-9.91	-8.78	-7.33	-6.12	-5.25	-4.86	-4.95	-5.47	-6.25	-7.30	-8.47	-9.59	-9.93	-9.46	-8.19	-6.53	-5.34	-4.81	-4.83	-5.24	-5.98	-7.07	-8.40	-10.24
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°)	5.11	4.89	4.05	2.51	-0.05	-4.72	-12.31	-6.17	-1.19	1.85	3.70	4.76	5.16	4.96	4.10	2.48	-0.23	-5.15	-13.59	-6.16	-1.22	1.80	3.66	4.73	5.11
θ (15°)	4.90	4.62	3.69	2.00	-0.89	-6.10	-11.86	-4.71	-0.04	2.67	4.26	5.08	5.30	5.00	4.06	2.31	-0.76	-5.70	-10.33	-4.88	-0.65	1.98	3.61	4.40	4.90
θ (30°)	[5.70]	5.35	4.27	2.81	0.74	-2.96	-9.68	-6.35	-1.44	1.75	3.35	4.05	4.50	4.49	3.58	1.81	-0.85	-5.46	-14.99	-8.41	-2.36	1.02	3.23	4.97	5.70
θ (45°)	4.82	4.27	3.24	1.54	-1.14	-6.35	-13.01	-5.82	-1.13	1.80	3.71	4.59	4.39	3.66	2.62	0.65	-2.96	-8.86	-12.88	-5.59	-0.97	1.37	3.01	4.21	4.82
θ (60°)	4.15	3.55	2.41	0.95	-2.11	-6.76	-12.37	-8.42	-2.79	0.45	2.13	2.93	3.55	2.93	1.16	-0.22	-2.91	-7.57	-14.89	-8.65	-3.12	0.29	2.26	3.28	4.15
θ (75°)	2.45	2.30	0.32	-1.23	-3.40	-8.38	-14.17	-7.51	-2.92	-0.65	1.32	2.36	2.92	2.38	1.12	-0.87	-3.67	-8.43	-11.67	-6.42	-2.55	-0.81	0.48	1.84	2.45
θ (90°)	1.73	1.77	0.56	-0.66	-1.30	-4.69	-10.81	-9.94	-4.90	-2.56	-0.75	0.82	0.07	0.11	-1.34	-0.72	-2.16	-7.96	-13.98	-6.64	-2.50	-0.87	0.16	1.74	1.73
θ (105°)	-0.47	-0.52	-1.55	-2.39	-4.43	-8.39	-11.56	-8.81	-3.66	-1.68	-1.09	-0.92	-0.53	-0.02	-1.19	-0.78	-3.99	-11.20	-12.63	-7.79	-4.70	-2.15	-0.67	-1.08	-0.47
θ (120°)	-3.91	-4.88	-4.44	-3.74	-4.44	-7.07	-9.54	-7.61	-4.48	-3.42	-2.88	-2.08	-2.85	-3.44	-2.84	-4.29	-5.54	-7.72	-8.42	-5.82	-3.88	-3.87	-4.45	-3.93	-3.91
θ (135°)	-2.93	-4.28	-4.26	-4.15	-5.91	-10.35	-10.75	-6.09	-3.15	-3.08	-5.84	-7.71	-6.97	-5.41	-5.54	-4.57	-4.18	-6.73	-12.78	-9.26	-3.85	-2.08	-2.64	-3.38	-2.93
θ (150°)	-6.44	-5.50	-4.57	-4.16	-4.84	-7.87	-13.58	-9.77	-5.28	-4.16	-6.38	-8.88	-7.90	-6.96	-5.26	-3.40	-3.57	-6.58	-14.06	-9.51	-5.12	-3.72	-4.51	-5.81	-6.44
θ (165°)	-6.63	-6.97	-6.78	-6.66	-8.13	-11.92	-12.35	-9.14	-7.49	-7.73	-8.70	-8.99	-9.08	-8.01	-7.11	-6.98	-8.03	-10.49	-12.35	-8.84	-6.34	-5.10	-5.25	-5.98	-6.63
θ (180°)	-4.16	-4.23	-4.58	-5.44	-6.70	-8.28	-9.46	-9.37	-8.57	-6.88	-5.29	-4.28	-3.95	-4.19	-4.88	-6.19	-7.73	-9.62	-12.11	-13.29	-10.46	-7.51	-5.71	-4.70	-4.16

1SS																									
Freq. (MHz)	5470																								
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°)	-14.38	-6.78	-0.95	2.29	4.28	5.34	[5.72]	5.47	4.61	3.01	0.28	-4.48	-15.94	-7.59	-1.06	2.26	4.19	5.20	5.60	5.37	4.49	2.87	0.18	-4.49	-14.38
θ (15°)	-4.96	-2.70	0.72	2.89	4.31	5.08	5.27	4.93	4.04	2.33	-0.54	-5.62	-9.10	-4.32	0.15	2.93	4.50	5.24	5.39	5.03	4.16	2.67	0.32	-2.44	-4.96
θ (30°)	-0.41	0.02	0.80	2.03	3.08	3.72	3.95	3.76	3.19	2.17	0.53	-1.66	-2.48	-1.15	0.54	2.02	3.11	3.94	4.40	4.55	4.42	3.74	2.26	0.75	-0.41
θ (45°)	-0.19	0.11	1.00	2.25	3.40	4.03	4.17	3.87	3.22	2.13	0.83	-0.18	0.60	2.12	2.66	3.02	3.52	4.01	4.29	4.15	3.68	2.96	1.84	0.82	-0.19
θ (60°)	0.72	0.22	1.15	2.16	2.30	2.19	2.26	2.60	2.88	2.59	1.47	0.38	-0.11	0.73	1.58	2.66	3.36	3.35	3.11	2.64	2.33	2.25	1.64	0.98	0.72
θ (75°)	2.73	2.39	2.61	3.10	2.64	2.07	2.03	1.94	1.78	1.58	1.15	0.19	1.49	1.67	1.87	2.31	2.35	2.56	2.78	2.85	2.99	3.39	3.54	3.54	2.73
θ (90°)	2.58	2.11	2.04	2.17	2.07	1.98	1.76	2.07	2.92	3.40	3.00	3.01	2.73	3.39	3.64	3.71	3.77	3.01	2.29	2.12	2.31	2.82	3.08	2.78	2.58
θ (105°)	1.27	0.70	0.76	1.45	1.59	1.20	1.21	1.19	0.58	1.28	1.76	1.45	1.88	1.69	1.83	1.79	2.05	1.83	1.40	1.49	1.92	1.60	0.94	0.95	1.27
θ (120°)	1.22	1.77	1.64	0.90	-0.17	-2.41	-2.23	-1.64	-0.91	-0.21	-0.74	-1.12	-0.04	-1.26	-1.54	-0.25	-0.73	-1.17	-1.42	-1.33	-0.47	0.63	1.84	2.22	1.22
θ (135°)	-2.74	-2.81	-2.78	-1.44	-0.68	-0.47	-0.80	-1.47	-1.87	-1.03	-0.10	0.10	0.31	0.71	0.49	-0.62	-1.74	-1.41	-1.03	-1.18	-1.23	-1.39	-2.41	-3.26	-2.74
θ (150°)	-5.06	-4.79	-3.78	-5.13	-6.84	-6.72	-5.04	-4.96	-4.80	-3.74	-3.86	-6.01	-9.19	-5.86	-4.36	-5.09	-5.05	-4.19	-3.71	-4.51	-5.19	-4.45	-2.96	-3.22	-5.06
θ (165°)	-5.24	-5.38	-5.77	-6.10	-5.36	-4.42	-4.04	-4.42	-5.07	-5.75	-6.75	-7.94	-7.74	-6.82	-5.93	-5.58	-5.44	-5.27	-5.50	-6.61	-8.25	-8.37	-6.97	-6.03	-5.24
θ (180°)	-8.50	-8.28	-7.78	-7.24	-6.61	-6.27	-6.23	-6.05	-5.96	-6.37	-7.06	-7.88	-8.63	-8.81	-8.33	-7.80	-7.01	-6.17	-5.73	-5.58	-5.69	-6.04	-6.66	-7.46	-8.50
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°)	5.49	5.18	4.28	2.62	-0.34	-5.71	-18.16	-6.21	-0.53	2.54	4.35	5.32	5.60	5.31	4.34	2.63	-0.29	-5.27	-13.98	-6.21	-0.62	2.42	4.19	5.14	5.49
θ (15°)	4.84	4.47	3.46	1.67	-1.52	-7.23	-12.33	-4.07	0.63	3.29	4.85	5.72	[5.96]	5.57	4.45	2.32	-1.16	-7.70	-15.70	-4.82	-0.01	2.51	3.93	4.56	4.84
θ (30°)	5.20	4.91	3.84	2.07	-0.73	-5.19	-11.87	-5.69	-0.94	2.15	4.03	4.84	5.00	4.78	3.73	1.61	-1.57	-6.07	-15.24	-7.91	-1.55	1.97	3.88	4.81	5.20
θ (45°)	5.40	4.55	3.47	2.28	-0.17	-5.34	-11.04	-5.49	-0.54	2.18	3.89	4.58	4.66	4.13	2.77	0.43	-2.83	-8.32	-12.64	-5.06	-0.65	1.74	3.27	4.58	5.40
θ (60°)	4.13	3.35	1.98	0.50	-2.56	-7.36	-13.93	-7.24	-2.08	0.56	2.24	3.58	4.25	3.50	1.97	-0.04	-2.89	-7.90	-17.72	-10.13	-3.75	0.02	2.18	3.29	4.13
θ (75°)	2.53	2.10	0.38	-1.10	-3.22	-7.68	-13.04	-7.60	-3.36	-0.79	0.97	2.15	3.02	2.00	0.41	-1.71	-4.54	-9.72	-13.18	-7.59	-3.38	-1.44	0.42	2.08	2.53
θ (90°)	2.75	2.61	1.35	-0.64	-1.86	-5.23	-11.88	-9.64	-4.37	-2.35	-1.25	0.82	-0.14	0.25	-1.05	-0.96	-2.88	-8.17	-11.87	-5.40	-1.71	-0.16	0.73	2.38	2.75
θ (105°)	0.48	0.07	-1.60	-1.97	-2.96	-6.19	-9.60	-7.84	-2.25	-1.34	-0.73	0.48	0.28	0.88	-1.62	-1.36	-3.86	-8.36	-10.89	-7.29	-4.12	-1.95	-0.07	0.17	0.48
θ (120°)	-3.79	-3.01	-3.73	-3.92	-3.53	-5.77	-10.30	-7.46	-3.61	-3.06	-2.53	-1.95	-2.69	-2.56	-2.72	-3.47	-4.35	-7.12	-8.51	-6.65	-4.34	-4.18	-3.80	-2.70	-3.79
θ (135°)	-2.72	-3.54	-3.86	-3.81	-5.05	-8.57	-11.49	-7.12	-3.71	-3.83	-5.86	-6.49	-7.00	-5.73	-5.53	-5.91	-4.66	-7.02	-11.54	-8.16	-4.12	-2.08	-2.10	-3.27	-2.72
θ (150°)	-6.88	-5.80	-5.14	-4.66	-5.47	-8.54	-12.87	-8.41	-4.84	-3.92	-6.32	-10.46	-8.75	-7.38	-5.83	-4.01	-4.07	-6.91	-13.77	-10.28	-5.55	-4.08	-4.80	-6.22	-6.88
θ (165°)	-6.03	-6.45	-6.41	-6.86	-8.26	-11.80	-10.68	-8.42	-7.38	-7.95	-9.38	-9.75	-9.51	-8.34	-7.23	-6.87	-7.55	-9.47	-11.44	-9.14	-6.80	-5.25	-5.35	-6.05	-6.03
θ (180°)	-4.82	-4.90	-5.23	-5.96	-6.70	-7.36	-8.20	-8.58	-8.11	-6.77	-5.73	-5.01	-4.64	-4.67	-5.05	-6.06	-7.50	-9.06	-10.18	-10.99	-10.56	-8.36	-6.35	-5.26	-4.82

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°)	-11.34	-5.59	-0.59	2.30	4.06	5.09	[5.48]	5.31	4.47	2.84	0.08	-4.46	-11.72	-5.87	-0.74	2.27	4.11	5.09	5.41	5.20	4.41	2.85	0.17	-4.26	-11.34
θ (15°)	-4.98	-3.30	0.05	2.40	3.89	4.70	4.98	4.70	3.76	2.04	-0.96	-6.85	-11.57	-5.28	-0.46	2.37	4.01	4.91	5.24	5.01	4.17	2.69	0.47	-2.25	-4.98
θ (30°)	-0.23	-0.31	0.34	1.86	3.09	3.83	4.17	4.05	3.43	2.23	0.20	-2.12	-3.18	-1.97	0.09	2.17	3.60	4.39	4.70	4.58	4.18	3.44	2.32	1.22	-0.23
θ (45°)	0.92	1.17	2.04	2.76	3.30	3.56	3.73	3.81	3.54	2.47	0.77	-0.32	-0.23	1.31	2.63	3.53	4.07	4.27	4.44	4.57	4.50	4.12	3.28	2.34	0.92
θ (60°)	0.78	0.86	1.62	1.97	2.37	2.80	3.13	3.29	2.92	2.13	1.90	1.54	1.16	2.22	2.84	3.14	3.36	3.39	3.13	2.84	2.58	2.64	2.53	2.05	0.78
θ (75°)	2.13	2.01	1.75	2.00	2.10	2.20	2.28	2.28	2.19	1.63	0.98	0.70	1.12	2.17	2.43	2.37	2.33	2.27	2.20	2.19	2.56	3.04	3.17	3.06	2.13
θ (90°)	2.61	1.88	2.01	1.99	1.70	1.71	1.76	2.07	2.52	2.91	2.65	2.08	1.66	2.44	3.27	3.39	3.02	2.52	2.35	2.33	2.57	2.92	2.88	2.72	2.61
θ (105°)	1.41	1.57	1.13	1.33	1.09	0.59	0.94	1.20	0.96	1.35	1.38	0.86	1.58	2.22	2.16	1.84	1.79	1.49	1.09	0.77	1.47	1.42	1.12	1.43	1.41
θ (120°)	-0.06	0.55	-0.06	-1.45	-2.69	-3.82	-3.60	-2.19	-0.72	-0.01	-0.53	-0.63	-1.22	-1.09	-0.05	0.11	-0.85	-2.43	-2.70	-3.00	-2.47	-0.87	0.15	0.35	-0.06
θ (135°)	-3.74	-3.36	-2.79	-2.45	-2.07	-1.73	-1.79	-2.65	-3.25	-2.42	-1.46	-1.04	-0.46	-0.03	-0.73	-2.70	-3.66	-2.39	-1.93	-2.16	-1.89	-1.63	-2.37	-3.53	-3.74
θ (150°)	-5.79	-6.34	-6.04	-8.03	-8.89	-7.25	-6.11	-6.10	-5.81	-4.66	-4.24	-5.61	-7.26	-7.34	-5.12	-5.36	-4.93	-3.90	-3.70	-4.76	-6.40	-6.98	-4.95	-4.54	-5.79
θ (165°)	-7.49	-7.86	-8.61	-8.83	-7.56	-6.48	-6.11	-6.33	-6.84	-6.84	-7.39	-9.34	-11.31	-10.19	-9.22	-9.28	-8.87	-8.01	-7.96	-8.97	-10.04	-10.42	-8.97	-7.88	-7.49
θ (180°)	-9.16	-9.00	-8.71	-8.80	-8.65	-8.70	-8.74	-8.90	-9.00	-8.80	-8.71	-9.07	-9.60	-9.80	-9.41	-9.06	-8.82	-8.41	-8.21	-8.36	-8.34	-8.33	-8.35	-8.66	-9.16
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°)	5.37	5.02	4.03	2.28	-0.70	-5.97	-13.25	-4.51	0.07	2.75	4.38	5.23	5.46	5.11	4.10	2.32	-0.59	-5.35	-11.65	-4.12	0.14	2.71	4.30	5.15	5.37
θ (15°)	4.63	4.22	3.12	0.95	-2.67	-8.52	-11.66	-3.59	0.65	3.19	4.70	5.48	[5.61]	5.10	3.94	1.85	-1.54	-7.41	-12.59	-4.60	-0.32	2.30	3.78	4.39	4.63
θ (30°)	4.09	3.85	3.11	1.57	-1.17	-5.97	-13.84	-5.52	-0.63	2.38	4.19	5.10	5.33	5.03	4.13	2.11	-1.48	-7.73	-15.97	-6.06	-1.00	1.90	3.46	4.03	4.09
θ (45°)	4.99	4.21	3.15	1.75	-1.17	-7.06	-12.43	-6.16	-1.17	1.84	3.59	4.10	4.07	4.09	2.88	0.74	-2.44	-8.13	-16.18	-6.41	-1.14	1.81	3.33	4.23	4.99
θ (60°)	3.16	2.54	1.75	-0.14	-3.10	-6.86	-12.51	-7.52	-2.14	0.81	2.33	3.70	4.43	3.53	2.31	0.65	-2.33	-7.89	-19.87	-9.04	-3.66	-0.52	1.30	2.43	3.16
θ (75°)	2.25	1.59	0.41	-1.53	-4.52	-10.59	-15.23	-7.26	-3.13	-0.84	0.39	1.65	2.19	1.57	-0.10	-2.39	-5.14	-9.96	-16.27	-8.79	-4.03	-1.44	0.38	1.87	2.25
θ (90°)	2.29	2.03	1.67	0.08	-2.71	-7.94	-15.77	-7.98	-3.18	-1.47	-0.45	0.92	-0.19	0.78	0.10	-2.06	-4.05	-9.12	-15.51	-7.33	-2.22	0.32	0.79	2.17	2.29
θ (105°)	0.39	0.25	-1.27	-1.44	-2.40	-5.54	-8.42	-6.15	-1.30	-0.57	-1.27	0.51	0.19	0.52	-1.53	-1.26	-2.03	-6.21	-12.08	-6.62	-3.27	-1.78	-0.04	0.87	0.39
θ (120°)	-2.47	-2.22	-2.93	-2.95	-2.93	-5.10	-9.48	-9.22	-4.07	-2.49	-2.88	-3.55	-3.81	-3.45	-3.38	-2.61	-3.70	-7.51	-10.21	-6.83	-3.86	-2.91	-2.37	-1.93	-2.47
θ (135°)	-3.69	-4.85	-2.93	-2.95	-4.42	-8.08	-13.61	-9.41	-5.06	-5.04	-6.54	-6.24	-6.19	-4.98	-5.02	-5.98	-5.65	-8.43	-11.60	-7.31	-3.64	-2.67	-3.66	-3.69	-3.69
θ (150°)	-8.25	-7.91	-6.31	-4.89	-5.09	-8.13	-13.95	-8.55	-5.29	-4.71	-7.30	-10.56	-10.53	-11.67	-7.83	-4.79	-4.55	-7.08	-13.22	-12.04	-6.65	-4.89	-5.39	-6.27	-8.25
θ (165°)	-7.58	-7.37	-7.12	-7.40	-8.50	-11.04	-11.90	-9.78	-8.35	-8.55	-9.37	-9.11	-9.04	-9.84	-8.23	-7.10	-7.47	-9.77	-13.26	-12.28	-9.37	-7.37	-7.11	-7.60	-7.58
θ (180°)	-7.53	-7.74	-8.19	-8.52	-9.02	-9.78	-9.93	-9.33	-8.85	-8.27	-7.51	-6.96	-6.71	-6.78	-7.11	-7.97	-8.80	-9.58	-10.75	-11.75	-11.02	-9.58	-8.35	-7.73	-7.53

1SS																									
Freq. (MHz)	5725																								
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°)	-9.57	-4.69	-0.26	2.56	4.36	5.40	[5.82]	5.68	4.89	3.31	0.70	-3.35	-9.87	-5.40	-0.72	2.27	4.19	5.29	5.76	5.62	4.82	3.22	0.60	-3.39	-9.57
θ (15°)	-4.51	-3.16	0.46	2.86	4.38	5.17	5.34	4.95	3.94	2.15	-0.83	-6.26	-13.18	-7.35	-1.61	1.51	3.43	4.51	4.98	4.89	4.22	2.93	0.93	-1.50	-4.51
θ (30°)	-0.34	-0.39	0.78	2.44	3.64	4.42	4.84	4.85	4.21	2.80	0.53	-2.22	-4.12	-2.44	0.17	2.46	3.87	4.56	4.71	4.51	3.98	3.17	2.07	1.05	-0.34
θ (45°)	1.34	1.19	1.96	2.94	3.71	4.01	4.01	3.78	3.25	2.31	1.07	-0.23	-0.91	0.08	1.65	2.82	3.64	4.20	4.52	4.57	4.23	3.45	2.50	2.04	1.34
θ (60°)	1.39	1.49	2.22	2.70	2.98	3.28	3.34	3.29	3.06	2.75	2.25	1.70	1.37	2.13	2.96	3.20	3.25	3.53	3.73	3.66	3.40	3.13	2.67	2.09	1.39
θ (75°)	1.91	2.16	2.09	1.89	2.15	2.43	2.61	2.66	2.55	2.60	1.94	0.95	1.21	2.37	2.83	2.83	2.86	3.00	3.09	2.98	3.02	3.01	2.91	2.88	1.91
θ (90°)	2.91	2.39	2.41	2.34	1.98	1.97	2.00	2.04	2.24	2.56	2.36	2.16	1.50	2.30	2.75	3.02	3.14	2.72	2.45	2.32	2.45	2.79	2.72	2.75	2.91
θ (105°)	1.80	2.16	1.68	1.53	1.03	0.43	0.84	0.96	0.79	1.71	1.93	1.75	2.08	1.94	1.86	1.50	1.27	1.31	0.92	0.58	1.55	1.59	1.29	1.74	1.80
θ (120°)	-1.15	-0.07	-0.43	-1.46	-2.75	-3.55	-2.75	-1.75	-0.44	0.34	-0.01	-0.14	-0.83	-1.20	-0.31	-0.12	-0.73	-1.60	-2.02	-2.62	-2.35	-1.12	-0.45	-0.67	-1.15
θ (135°)	-4.84	-4.50	-3.14	-2.69	-2.54	-2.26	-2.28	-3.11	-3.27	-2.27	-1.88	-1.67	-1.60	-1.28	-1.71	-2.96	-4.19	-2.86	-2.27	-2.62	-2.65	-2.36	-2.95	-3.76	-4.84
θ (150°)	-7.37	-7.52	-6.78	-8.92	-9.65	-7.56	-5.86	-6.03	-6.10	-4.55	-3.36	-4.05	-6.00	-6.29	-5.16	-5.56	-6.42	-5.54	-5.24	-6.38	-7.50	-6.88	-4.55	-4.67	-7.37
θ (165°)	-7.93	-8.76	-10.07	-11.04	-9.92	-7.84	-7.15	-7.57	-7.34	-6.17	-6.28	-8.19	-11.29	-11.98	-10.60	-10.47	-10.16	-9.09	-8.17	-8.58	-9.97	-9.89	-8.91	-8.27	-7.93
θ (180°)	-11.56	-11.43	-11.26	-11.30	-11.52	-12.04	-11.90	-11.43	-10.85	-10.49	-10.59	-11.12	-12.15	-12.70	-12.43	-12.33	-11.88	-11.09	-11.00	-10.47	-10.16	-10.09	-10.31	-10.64	-11.56
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°)	5.67	5.38	4.48	2.77	0.03	-4.16	-10.47	-4.64	-0.21	2.60	4.31	5.23	5.55	5.31	4.43	2.81	0.13	-4.10	-9.30	-4.16	0.06	2.76	4.45	5.37	5.67
θ (15°)	5.28	4.82	3.59	1.48	-1.77	-7.18	-11.22	-3.06	0.99	3.38	4.85	5.61	[5.70]	5.17	4.08	2.33	-0.44	-5.15	-11.09	-4.47	-0.50	2.19	4.00	4.88	5.28
θ (30°)	3.99	4.06	3.54	1.87	-1.05	-5.58	-13.24	-5.76	-1.00	1.90	3.94	5.20	5.54	4.94	3.78	1.95	-1.10	-6.40	-13.62	-5.91	-1.20	1.64	3.35	3.97	3.99
θ (45°)	4.70	4.29	3.36	1.59	-1.60	-7.39	-13.29	-5.37	-0.72	2.10	3.68	4.32	4.34	3.99	2.83	0.86	-1.95	-7.41	-16.21	-5.85	-0.66	1.98	3.30	4.07	4.70
θ (60°)	3.37	3.11	2.22	0.81	-1.56	-6.13	-13.34	-8.05	-2.05	0.92	2.29	3.36	4.04	3.41	1.91	0.24	-2.51	-7.88	-16.30	-8.07	-2.79	-0.03	1.41	2.56	3.37
θ (75°)	1.53	1.46	-0.19	-2.75	-4.96	-10.52	-13.74	-6.91	-2.62	-0.49	0.50	1.60	1.75	1.00	-0.26	-1.92	-4.97	-9.34	-14.80	-9.35	-3.99	-2.13	-0.84	1.11	1.53
θ (90°)	2.46	1.68	0.72	-0.60	-3.64	-8.67	-16.70	-9.12	-3.78	-2.01	-0.74	0.75	-0.04	0.26	-0.82	-2.38	-3.59	-7.56	-16.43	-9.40	-3.61	-0.76	0.21	1.37	2.46
θ (105°)	0.03	-0.17	-1.77	-2.78	-3.80	-6.94	-10.75	-6.73	-1.83	-1.05	-0.98	0.45	0.30	0.13	-1.17	-1.23	-1.87	-6.48	-12.32	-6.31	-3.21	-2.64	-0.90	0.79	0.03
θ (120°)	-1.77	-1.33	-2.26	-2.72	-2.37	-4.60	-10.00	-9.84	-4.57	-3.11	-3.90	-2.90	-3.78	-3.26	-3.13	-2.72	-2.98	-6.46	-10.50	-6.62	-3.45	-2.69	-2.09	-1.12	-1.77
θ (135°)	-3.28	-4.10	-3.10	-2.69	-3.48	-6.63	-13.62	-8.13	-4.55	-5.06	-6.30	-5.25	-6.25	-4.65	-4.34	-4.59	-4.23	-7.51	-12.21	-6.13	-2.93	-2.44	-3.24	-3.82	-3.28
θ (150°)	-8.83	-8.66	-6.87	-5.03	-5.11	-8.32	-16.41	-8.66	-4.81	-3.94	-6.43	-9.41	-7.76	-8.74	-8.47	-4.80	-3.72	-5.57	-11.26	-10.60	-5.98	-4.57	-5.43	-6.92	-8.83
θ (165°)	-9.35	-8.92	-7.96	-8.18	-9.24	-12.29	-14.03	-10.00	-8.30	-8.36	-8.81	-8.16	-7.89	-9.33	-10.51	-9.43	-9.30	-10.84	-13.41	-12.10	-9.22	-7.17	-7.19	-8.38	-9.35
θ (180°)	-10.14	-10.19	-10.59	-10.95	-11.22	-11.05	-10.93	-11.19	-11.27	-10.42	-10.09	-9.83	-9.37	-9.23	-9.76	-10.52	-11.44	-12.54	-13.71	-14.07	-12.55	-11.30	-10.74	-10.33	-10.14

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°)	-8.74	-4.41	-0.20	2.61	4.44	5.49	5.87	5.72	5.03	3.59	1.00	-2.94	-8.58	-4.80	-0.54	2.43	4.43	5.54	[5.91]	5.68	4.91	3.49	0.98	-2.95	-8.74
θ (15°)	-4.41	-2.72	0.79	3.10	4.50	5.26	5.47	5.11	4.03	2.11	-0.88	-6.25	-14.74	-7.11	-1.32	1.81	3.66	4.72	5.20	5.09	4.35	2.96	0.91	-1.61	-4.41
θ (30°)	-0.43	-0.33	1.04	2.62	3.66	4.42	4.84	4.82	4.07	2.39	-0.30	-3.40	-4.48	-2.01	0.70	2.80	4.06	4.62	4.74	4.56	4.07	3.25	2.14	1.07	-0.43
θ (45°)	1.53	1.33	2.24	3.22	3.90	4.11	3.97	3.60	2.99	2.01	1.02	-0.09	-1.06	-0.20	1.19	2.62	3.64	4.31	4.66	4.77	4.50	3.63	2.57	2.15	1.53
θ (60°)	1.63	1.41	2.11	2.97	3.34	3.44	3.40	3.38	3.38	3.14	2.21	1.26	1.58	2.36	3.27	3.48	3.33	3.45	3.58	3.66	3.67	3.46	2.98	2.30	1.63
θ (75°)	2.03	2.15	2.35	2.06	2.43	2.69	2.65	2.74	2.93	2.93	1.90	1.16	1.52	2.48	2.98	2.93	3.08	3.36	3.53	3.41	3.32	3.10	2.86	2.84	2.03
θ (90°)	3.15	2.67	2.62	2.60	2.13	1.98	2.14	2.12	2.23	2.51	2.48	2.03	1.63	2.15	2.58	2.90	3.08	2.85	2.65	2.48	2.56	2.64	2.62	2.88	3.15
θ (105°)	2.25	2.40	1.92	1.95	1.34	0.63	1.10	1.00	0.95	1.98	2.20	2.09	2.31	1.74	1.78	1.80	1.53	1.67	1.21	1.07	1.91	1.83	1.48	1.95	2.25
θ (120°)	-0.84	-0.10	-0.42	-1.10	-2.46	-3.15	-2.27	-1.73	-0.56	0.32	0.20	0.45	-0.30	-1.07	-0.21	-0.10	-0.68	-1.20	-1.63	-2.25	-2.17	-1.08	-0.61	-0.80	-0.84
θ (135°)	-5.09	-4.34	-3.09	-2.57	-2.26	-1.94	-2.32	-3.13	-3.10	-2.32	-2.25	-1.76	-1.30	-1.18	-1.67	-2.55	-3.69	-2.55	-2.02	-2.58	-2.58	-2.13	-2.80	-3.84	-5.09
θ (150°)	-7.19	-7.22	-6.45	-8.33	-9.21	-7.87	-6.03	-5.87	-5.77	-4.16	-3.18	-3.96	-5.63	-6.10	-4.83	-5.14	-6.20	-5.79	-5.40	-6.63	-7.65	-6.73	-4.32	-4.48	-7.19
θ (165°)	-7.56	-8.85	-10.48	-11.15	-9.96	-8.08	-7.46	-7.72	-7.42	-6.38	-6.49	-8.25	-11.28	-11.43	-9.90	-9.34	-8.86	-7.98	-7.43	-7.79	-9.26	-9.10	-8.13	-7.59	-7.56
θ (180°)	-11.11	-11.16	-11.15	-11.51	-12.15	-12.86	-12.17	-11.67	-10.91	-10.38	-10.60	-11.39	-12.45	-13.36	-13.09	-12.54	-12.36	-11.69	-10.78	-9.88	-9.66	-10.04	-10.43	-10.64	-11.11
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°)	5.75	5.51	4.66	3.02	0.28	-3.61	-8.59	-4.17	-0.18	2.68	4.49	5.45	5.77	5.53	4.70	3.04	0.17	-4.09	-8.93	-3.83	0.04	2.73	4.46	5.43	5.75
θ (15°)	5.51	5.08	3.91	1.80	-1.74	-6.81	-9.79	-2.76	1.13	3.59	5.06	5.78	[5.89]	5.50	4.54	2.92	0.16	-4.54	-10.41	-4.17	-0.38	2.39	4.26	5.13	5.51
θ (30°)	4.38	4.34	3.63	1.85	-1.06	-5.83	-13.26	-6.32	-1.07	1.89	3.86	5.23	5.82	5.40	4.16	2.26	-0.82	-6.25	-13.27	-6.46	-1.93	1.14	3.24	4.18	4.38
θ (45°)	4.71	4.39	3.36	1.51	-1.56	-7.50	-14.85	-5.42	-0.69	1.94	3.58	4.57	4.68	4.00	2.83	1.06	-1.87	-7.56	-16.63	-6.34	-0.99	1.84	3.53	4.26	4.71
θ (60°)	3.59	3.17	2.23	1.03	-1.44	-5.80	-11.92	-7.34	-2.42	0.83	2.38	3.46	4.11	3.68	2.10	0.25	-2.37	-7.27	-14.54	-7.84	-2.66	0.23	1.65	2.82	3.59
θ (75°)	1.40	1.25	-0.43	-2.53	-4.78	-10.18	-12.74	-6.79	-2.47	-0.52	0.35	1.36	1.71	1.14	-0.23	-2.03	-4.68	-8.64	-13.65	-8.11	-4.02	-2.42	-0.60	0.91	1.40
θ (90°)	2.37	1.37	0.30	-0.92	-3.94	-9.07	-17.44	-9.00	-3.68	-1.89	-0.98	0.25	0.41	0.27	-0.77	-2.03	-3.82	-7.94	-17.52	-8.86	-3.94	-1.46	0.06	1.08	2.37
θ (105°)	0.22	-0.21	-1.67	-2.53	-3.86	-7.84	-12.65	-7.02	-2.15	-1.61	-1.31	0.24	0.41	0.22	-0.80	-0.84	-1.58	-6.69	-12.35	-6.35	-3.16	-2.51	-0.85	0.90	0.22
θ (120°)	-1.89	-1.21	-1.99	-2.96	-2.80	-4.68	-9.72	-9.83	-4.18	-2.78	-3.91	-2.54	-3.52	-2.94	-2.72	-2.52	-3.48	-7.12	-10.68	-6.76	-3.62	-3.00	-2.21	-0.94	-1.89
θ (135°)	-3.00	-3.86	-3.27	-2.53	-2.96	-5.96	-11.76	-7.32	-4.11	-4.82	-6.17	-5.02	-5.94	-4.19	-3.83	-4.61	-4.62	-7.88	-11.50	-5.37	-2.46	-1.83	-2.69	-3.44	-3.00
θ (150°)	-8.68	-8.61	-6.84	-4.67	-4.47	-7.63	-16.35	-8.18	-4.66	-3.85	-6.08	-8.91	-7.61	-8.33	-8.13	-4.65	-3.42	-5.36	-11.03	-9.26	-5.30	-4.43	-5.62	-7.24	-8.68
θ (165°)	-10.15	-9.34	-8.05	-7.88	-8.59	-11.43	-12.65	-9.56	-8.06	-8.25	-8.63	-7.76	-7.25	-8.21	-8.99	-8.14	-8.18	-10.46	-14.11	-11.62	-8.56	-7.11	-7.52	-8.94	-10.15
θ (180°)	-10.50	-10.51	-10.51	-10.48	-10.94	-11.31	-11.20	-11.03	-11.28	-11.03	-10.41	-10.04	-9.66	-9.35	-9.51	-10.38	-11.65	-12.82	-13.50	-14.70	-14.62	-12.41	-11.15	-10.77	-10.50

1SS																									
Freq. (MHz)	5850																								
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°)	-9.18	-5.20	-1.11	1.91	3.97	5.21	[5.76]	5.68	4.93	3.46	0.92	-3.21	-9.10	-5.37	-1.11	2.08	4.15	5.29	5.74	5.63	4.94	3.50	1.02	-2.85	-9.18
θ (15°)	-4.91	-2.77	0.55	2.74	4.21	5.07	5.30	4.99	4.17	2.66	-0.06	-5.04	-11.80	-5.93	-0.61	2.44	4.22	5.15	5.40	5.13	4.35	2.95	0.87	-1.62	-4.91
θ (30°)	-1.31	-0.89	0.57	2.19	3.27	4.10	4.46	4.23	3.57	2.16	-0.56	-4.64	-5.83	-2.75	0.19	2.36	3.70	4.35	4.53	4.32	3.88	3.18	2.04	0.56	-1.31
θ (45°)	1.19	1.35	2.21	2.90	3.46	3.77	3.71	3.24	2.34	1.15	0.28	-0.43	-1.00	-0.18	0.85	2.38	3.57	4.17	4.41	4.56	4.45	3.69	2.72	2.09	1.19
θ (60°)	1.72	1.21	1.91	2.94	3.22	3.28	3.40	3.44	3.37	3.09	2.16	1.15	1.44	2.69	3.41	3.48	3.12	3.10	3.37	3.63	3.74	3.57	3.12	2.66	1.72
θ (75°)	2.12	2.02	2.19	2.01	2.54	2.63	2.54	2.68	3.11	3.04	2.04	1.32	1.68	2.32	2.85	3.10	3.29	3.37	3.28	3.32	3.44	3.10	2.85	2.86	2.12
θ (90°)	2.81	2.50	2.48	2.46	2.08	1.87	2.08	2.05	2.12	2.56	2.31	1.54	1.36	1.71	2.22	2.48	2.66	2.71	2.67	2.25	2.42	2.51	2.25	2.71	2.81
θ (105°)	2.07	2.11	1.90	1.93	1.22	0.55	0.99	0.85	1.04	1.90	1.78	1.92	2.08	1.52	1.67	1.89	1.39	1.80	1.34	1.22	1.88	1.74	1.52	1.93	2.07
θ (120°)	-1.07	-0.63	-0.77	-1.12	-2.34	-2.79	-1.98	-1.64	-0.86	-0.01	-0.01	0.49	-0.34	-1.13	-0.40	-0.16	-0.82	-1.12	-1.26	-1.95	-2.04	-0.99	-0.64	-1.04	-1.07
θ (135°)	-5.75	-4.38	-3.39	-3.22	-2.63	-2.21	-2.68	-3.23	-3.04	-2.51	-2.85	-2.23	-1.67	-1.77	-2.23	-2.89	-3.68	-2.62	-1.88	-2.24	-2.44	-2.24	-3.10	-4.16	-5.75
θ (150°)	-7.63	-7.85	-6.66	-7.36	-8.17	-7.67	-6.30	-6.42	-6.03	-4.52	-3.32	-4.37	-6.00	-6.51	-4.87	-4.98	-6.10	-5.93	-5.55	-7.31	-8.45	-7.24	-4.81	-4.97	-7.63
θ (165°)	-8.65	-9.91	-11.15	-11.12	-9.69	-7.84	-7.02	-7.36	-7.40	-6.68	-7.03	-9.11	-11.38	-10.95	-9.37	-8.91	-8.71	-8.12	-7.51	-7.69	-9.06	-9.26	-8.44	-8.29	-8.65
θ (180°)	-10.69	-10.96	-11.44	-12.20	-12.94	-12.79	-12.60	-11.85	-10.92	-10.46	-10.65	-11.55	-12.76	-13.72	-13.96	-13.65	-12.81	-11.72	-10.85	-9.81	-9.52	-9.74	-10.15	-10.34	-10.69
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°)	5.63	5.39	4.57	3.07	0.34	-4.10	-9.61	-4.73	-0.76	2.42	4.36	5.38	[5.73]	5.49	4.64	3.00	0.23	-3.81	-8.99	-4.48	-0.74	2.33	4.24	5.24	5.63
θ (15°)	5.20	4.73	3.53	1.46	-1.88	-6.23	-10.12	-3.20	0.75	3.15	4.60	5.42	5.71	5.39	4.42	2.66	-0.14	-4.45	-9.77	-4.15	-0.37	2.34	4.04	4.81	5.20
θ (30°)	4.23	3.96	3.06	1.04	-2.11	-7.15	-15.95	-6.56	-1.02	2.05	3.97	5.06	5.50	5.22	4.06	1.94	-1.34	-6.77	-15.33	-7.58	-2.29	1.06	3.22	4.15	4.23
θ (45°)	4.30	4.15	3.00	0.90	-2.30	-8.09	-15.34	-5.82	-1.03	1.42	2.86	4.24	4.74	4.02	2.59	0.64	-2.24	-7.76	-18.13	-8.12	-2.32	1.08	3.29	4.05	4.30
θ (60°)	3.54	2.91	1.65	0.74	-1.40	-5.34	-11.31	-7.85	-3.08	0.05	2.01	3.34	3.71	3.69	2.10	-0.54	-3.51	-8.09	-14.22	-7.41	-2.82	-0.28	1.52	2.92	3.54
θ (75°)	1.38	0.61	-0.92	-2.39	-4.62	-8.80	-11.53	-6.87	-2.36	-0.29	0.25	1.29	1.83	0.71	-0.70	-1.70	-4.04	-8.74	-15.02	-7.91	-3.85	-2.12	-0.10	0.74	1.38
θ (90°)	1.62	0.37	-0.48	-2.07	-4.98	-9.36	-16.86	-9.31	-3.95	-1.84	-0.97	-0.67	0.35	-0.35	-0.93	-2.41	-4.66	-9.18	-17.52	-10.08	-4.41	-2.27	-0.52	0.65	1.62
θ (105°)	0.33	-0.30	-1.54	-2.21	-4.21	-8.87	-14.32	-7.62	-2.90	-2.35	-1.54	-0.53	0.13	0.08	-0.88	-1.41	-2.17	-7.56	-12.87	-6.95	-3.47	-2.49	-0.93	0.68	0.33
θ (120°)	-2.21	-1.59	-2.22	-3.29	-2.87	-4.37	-9.41	-10.39	-4.35	-2.94	-4.07	-2.49	-3.30	-3.00	-2.89	-2.62	-3.77	-7.49	-10.77	-7.09	-3.93	-3.25	-2.35	-1.03	-2.21
θ (135°)	-3.16	-3.73	-3.73	-3.02	-3.28	-6.19	-12.47	-7.61	-3.97	-4.71	-6.53	-5.40	-5.63	-4.02	-3.78	-5.01	-5.27	-8.19	-11.32	-5.73	-2.67	-2.07	-2.98	-3.50	-3.16
θ (150°)	-9.13	-8.83	-6.79	-4.81	-4.97	-8.22	-16.54	-8.15	-4.81	-3.87	-5.90	-9.03	-7.90	-8.58	-8.68	-5.25	-4.11	-5.80	-11.02	-9.66	-5.52	-4.44	-6.01	-8.09	-9.13
θ (165°)	-10.68	-9.79	-8.32	-7.60	-8.39	-10.77	-12.87	-10.05	-8.70	-9.15	-9.20	-7.70	-7.02	-7.90	-9.15	-8.57	-8.55	-10.09	-13.18	-10.88	-8.24	-7.19	-7.86	-9.50	-10.68
θ (180°)	-10.11	-10.22	-10.43	-10.37	-10.87	-11.67	-12.11	-11.84	-11.79	-12.15	-11.48	-10.83	-10.12	-9.58	-9.55	-9.89	-10.55	-11.71	-13.77	-15.69	-16.51	-14.69	-12.31	-10.79	-10.11

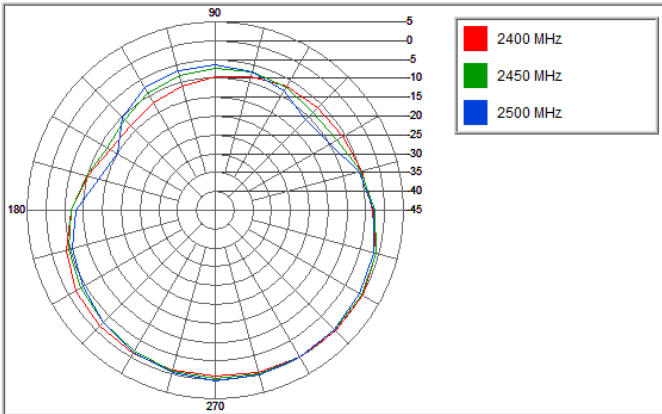
1SS																									
Freq. (MHz)	5875																								
Polarity	Theta																								
dB	ϕ (0°)	ϕ (15°)	ϕ (30°)	ϕ (45°)	ϕ (60°)	ϕ (75°)	ϕ (90°)	ϕ (105°)	ϕ (120°)	ϕ (135°)	ϕ (150°)	ϕ (165°)	ϕ (180°)	ϕ (195°)	ϕ (210°)	ϕ (225°)	ϕ (240°)	ϕ (255°)	ϕ (270°)	ϕ (285°)	ϕ (300°)	ϕ (315°)	ϕ (330°)	ϕ (345°)	ϕ (360°)
θ (0°)	-9.43	-4.95	-0.80	2.45	4.37	5.45	5.84	5.59	4.75	3.20	0.53	-3.93	-10.80	-5.08	-0.58	2.64	4.51	5.54	[5.90]	5.67	4.82	3.19	0.45	-3.58	-9.43
θ (15°)	-4.72	-2.62	0.49	2.78	4.41	5.34	5.66	5.41	4.53	2.81	-0.03	-5.17	-12.42	-5.63	-0.44	2.54	4.31	5.22	5.42	5.15	4.41	3.05	0.85	-1.79	-4.72
θ (30°)	-2.03	-1.09	0.61	2.33	3.51	4.44	4.80	4.59	3.90	2.60	0.22	-3.53	-4.75	-2.02	0.69	2.62	3.72	4.29	4.53	4.40	3.88	3.10	2.04	0.61	-2.03
θ (45°)	0.93	1.12	1.60	2.39	3.39	3.94	3.96	3.51	2.51	1.29	0.34	-0.60	-0.69	0.51	1.36	2.57	3.60	4.15	4.41	4.51	4.29	3.51	2.69	2.24	0.93
θ (60°)	1.76	1.94	2.47	3.25	3.84	4.07	3.91	3.55	3.33	3.10	2.46	1.60	1.58	2.67	3.14	3.35	3.40	3.61	3.60	3.48	3.35	3.33	3.08	2.61	1.76
θ (75°)	2.19	2.39	2.44	2.22	2.96	3.31	3.31	3.14	3.26	3.65	2.94	1.78	1.98	2.53	2.82	2.83	2.69	2.49	2.51	2.87	3.33	3.14	3.20	3.14	2.19
θ (90°)	2.75	2.76	2.62	2.55	2.41	2.29	2.64	2.63	2.15	2.51	2.40	1.27	1.69	2.44	2.21	2.48	2.80	2.62	2.38	2.43	2.62	2.85	2.78	2.91	2.75
θ (105°)	1.77	2.49	2.00	1.91	1.61	0.85	1.51	1.52	1.26	1.88	1.80	1.90	2.08	1.56	1.60	1.61	1.41	1.35	0.80	0.94	1.54	1.49	1.75	2.06	1.77
θ (120°)	-1.17	-0.56	-0.35	-0.66	-1.41	-1.47	-0.98	-0.79	-0.08	0.26	0.04	0.61	-0.15	-1.60	-1.02	-0.52	-1.27	-1.30	-1.47	-2.11	-2.19	-1.32	-0.32	-0.61	-1.17
θ (135°)	-4.71	-2.86	-3.04	-3.24	-2.56	-2.15	-2.56	-3.05	-3.14	-2.38	-2.27	-2.50	-2.20	-2.52	-2.46	-2.61	-3.47	-3.17	-3.22	-3.98	-3.68	-3.62	-4.75	-5.99	-4.71
θ (150°)	-9.99	-7.98	-6.27	-6.15	-6.74	-6.49	-5.81	-6.40	-5.93	-4.11	-2.94	-3.93	-6.43	-6.65	-4.75	-5.16	-6.94	-7.72	-8.42	-9.34	-10.06	-7.65	-5.86	-7.21	-9.99
θ (165°)	-10.00	-11.56	-11.27	-10.18	-8.79	-7.21	-6.56	-7.01	-7.05	-6.39	-6.36	-7.71	-9.86	-10.70	-9.65	-9.89	-10.25	-8.65	-7.59	-8.11	-9.31	-8.79	-8.00	-8.26	-10.00
θ (180°)	-11.39	-11.87	-11.98	-12.92	-13.88	-12.53	-11.75	-11.05	-10.57	-10.65	-11.08	-12.41	-13.93	-14.90	-15.56	-16.15	-14.14	-12.66	-11.51	-10.83	-10.38	-10.13	-10.21	-10.49	-11.39
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°)	5.68	5.37	4.43	2.67	-0.27	-4.65	-9.83	-4.43	-0.09	2.80	4.59	5.58	[5.85]	5.52	4.48	2.64	-0.26	-4.18	-9.81	-4.41	-0.23	2.72	4.49	5.42	5.68
θ (15°)	5.21	4.70	3.56	1.57	-1.84	-6.16	-10.25	-3.39	0.76	3.21	4.68	5.44	5.70	5.38	4.34	2.47	-0.54	-5.79	-9.62	-3.56	0.29	2.77	4.29	4.96	5.21
θ (30°)	4.16	3.75	2.82	0.85	-2.27	-7.19	-15.41	-5.65	-0.48	2.40	4.15	5.15	5.54	5.25	3.91	1.43	-2.20	-8.22	-17.29	-7.37	-1.94	0.86	3.03	4.06	4.16
θ (45°)	4.27	3.87	2.79	0.63	-2.81	-8.77	-14.98	-6.05	-1.66	1.34	3.30	4.35	4.73	3.98	2.21	0.45	-2.43	-8.79	-13.91	-5.71	-1.55	1.22	3.41	4.39	4.27
θ (60°)	3.43	3.12	1.97	0.51	-1.69	-5.91	-12.31	-7.87	-2.34	0.35	2.25	3.89	4.00	3.56	1.97	0.06	-3.13	-8.47	-11.78	-6.16	-2.30	0.23	1.94	3.01	3.43
θ (75°)	1.18	0.56	-0.39	-1.66	-3.97	-7.95	-10.80	-6.05	-1.81	0.33	0.69	1.59	1.89	0.80	-0.77	-2.22	-5.29	-10.16	-17.62	-8.18	-3.82	-1.85	0.04	0.91	1.18
θ (90°)	1.20	0.10	-1.04	-3.39	-5.74	-10.14	-14.28	-8.88	-3.78	-1.63	-1.13	-0.73	-0.11	-0.10	-1.26	-2.23	-4.28	-9.14	-15.66	-8.37	-4.11	-1.87	-0.66	0.82	1.20
θ (105°)	0.29	-0.61	-1.93	-2.56	-4.93	-8.92	-12.69	-8.61	-3.49	-2.08	-1.69	-0.56	-0.23	-0.72	-1.61	-1.69	-2.92	-8.97	-13.27	-6.04	-2.78	-1.89	-0.47	0.50	0.29
θ (120°)	-1.91	-1.26	-2.20	-2.90	-2.31	-4.37	-9.78	-9.36	-4.46	-2.36	-3.01	-3.15	-2.81	-2.51	-3.40	-2.71	-3.75	-7.85	-10.67	-6.05	-3.28	-3.36	-2.52	-1.38	-1.91
θ (135°)	-3.38	-4.14	-3.56	-3.45	-3.68	-6.43	-11.84	-9.42	-4.50	-4.39	-5.39	-4.14	-5.44	-5.17	-4.31	-4.51	-6.09	-11.19	-12.40	-5.41	-2.74	-2.76	-3.90	-3.34	-3.38
θ (150°)	-9.41	-8.14	-6.11	-4.34	-4.72	-8.54	-15.99	-8.46	-5.74	-4.23	-6.14	-8.99	-7.11	-6.83	-8.08	-5.25	-4.42	-5.79	-9.68	-9.69	-5.88	-4.91	-6.94	-9.89	-9.41
θ (165°)	-8.75	-7.73	-6.77	-6.67	-8.03	-10.97	-13.18	-10.53	-8.95	-8.68	-9.29	-8.86	-8.69	-9.85	-11.67	-10.75	-10.02	-11.57	-12.91	-9.88	-8.35	-7.89	-8.78	-9.37	-8.75
θ (180°)	-10.41	-10.25	-10.20	-10.19	-10.97	-11.93	-12.76	-13.19	-13.65	-13.77	-12.85	-11.61	-10.71	-10.11	-10.11	-10.73	-11.67	-13.15	-15.36	-16.68	-16.56	-15.67	-13.96	-11.77	-10.41

1SS																									
Freq. (MHz)	5895																								
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°)	-9.73	-4.90	-0.76	2.44	4.32	5.37	5.78	5.57	4.77	3.19	0.42	-4.16	-11.17	-5.06	-0.59	2.59	4.42	5.46	[5.86]	5.65	4.79	3.15	0.43	-3.66	-9.73
θ (15°)	-4.71	-2.81	0.34	2.71	4.36	5.30	5.65	5.42	4.52	2.81	-0.03	-5.23	-11.73	-5.04	-0.11	2.78	4.47	5.33	5.53	5.21	4.43	3.05	0.82	-1.75	-4.71
θ (30°)	-1.96	-1.09	0.54	2.27	3.51	4.39	4.76	4.58	3.92	2.70	0.42	-3.29	-4.72	-1.98	0.79	2.73	3.85	4.43	4.67	4.53	4.02	3.21	2.11	0.62	-1.96
θ (45°)	0.82	1.18	1.54	2.34	3.50	4.09	4.11	3.63	2.55	1.27	0.24	-0.83	-1.00	0.48	1.48	2.65	3.63	4.19	4.44	4.55	4.31	3.49	2.69	2.21	0.82
θ (60°)	1.76	2.15	2.66	3.13	3.75	4.05	3.90	3.51	3.24	2.96	2.38	1.68	1.56	2.76	3.26	3.45	3.50	3.63	3.67	3.58	3.43	3.37	3.21	2.72	1.76
θ (75°)	2.19	2.51	2.50	2.21	2.93	3.42	3.48	3.29	3.28	3.60	2.93	1.82	1.97	2.53	2.79	2.88	2.74	2.54	2.60	2.98	3.37	3.17	3.31	3.24	2.19
θ (90°)	2.77	2.92	2.76	2.61	2.39	2.13	2.44	2.52	2.21	2.45	2.29	1.36	1.80	2.50	2.14	2.46	2.97	2.70	2.31	2.46	2.67	2.80	2.72	2.95	2.77
θ (105°)	1.69	2.49	2.02	1.85	1.57	0.86	1.38	1.51	1.35	1.84	1.85	2.00	2.14	1.42	1.51	1.65	1.42	1.31	0.75	0.98	1.58	1.51	1.86	2.12	1.69
θ (120°)	-1.29	-0.65	-0.42	-0.82	-1.46	-1.54	-1.07	-0.87	-0.17	0.22	0.10	0.63	-0.21	-1.58	-0.88	-0.47	-1.22	-1.23	-1.31	-1.82	-1.96	-1.10	-0.16	-0.56	-1.29
θ (135°)	-4.92	-3.05	-3.28	-3.38	-2.61	-2.09	-2.33	-2.80	-3.09	-2.37	-2.17	-2.51	-2.44	-2.84	-2.55	-2.50	-3.31	-3.11	-3.02	-3.64	-3.35	-3.33	-4.44	-5.75	-4.92
θ (150°)	-10.35	-8.35	-6.49	-6.29	-6.77	-6.50	-5.95	-6.50	-6.08	-4.21	-2.95	-3.98	-6.54	-6.76	-4.81	-5.20	-6.90	-7.62	-8.31	-9.23	-10.10	-7.68	-5.81	-7.19	-10.35
θ (165°)	-10.14	-11.48	-10.98	-10.21	-8.65	-6.92	-6.31	-6.89	-7.09	-6.45	-6.47	-7.71	-9.73	-10.40	-9.52	-9.82	-10.31	-8.62	-7.34	-7.95	-9.21	-8.60	-8.12	-8.44	-10.14
θ (180°)	-11.70	-12.19	-12.39	-13.22	-13.69	-12.31	-11.37	-10.75	-10.38	-10.62	-11.16	-12.62	-14.28	-15.27	-15.52	-15.78	-14.06	-12.42	-11.42	-10.95	-10.44	-10.22	-10.34	-10.78	-11.70
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°)	5.64	5.35	4.40	2.63	-0.35	-5.03	-10.47	-4.33	-0.01	2.81	4.54	5.52	[5.82]	5.47	4.44	2.65	-0.19	-4.28	-9.71	-4.29	-0.15	2.76	4.46	5.39	5.64
θ (15°)	5.17	4.69	3.54	1.53	-1.74	-5.91	-9.81	-3.39	0.67	3.12	4.56	5.36	5.63	5.34	4.32	2.47	-0.62	-5.93	-9.66	-3.50	0.37	2.86	4.32	4.96	5.17
θ (30°)	4.27	3.85	2.83	0.90	-2.15	-7.29	-15.45	-5.47	-0.38	2.50	4.20	5.14	5.54	5.22	3.94	1.54	-1.95	-7.66	-16.93	-7.48	-1.80	0.96	2.93	4.06	4.27
θ (45°)	4.16	3.89	2.84	0.51	-2.92	-8.79	-14.95	-6.16	-1.69	1.46	3.38	4.28	4.69	4.03	2.35	0.71	-2.11	-8.33	-13.71	-5.56	-1.63	1.20	3.40	4.33	4.16
θ (60°)	3.35	3.10	2.06	0.63	-1.69	-6.09	-12.41	-7.45	-2.32	0.45	2.26	3.83	3.93	3.61	2.04	0.07	-3.16	-8.40	-11.41	-5.89	-2.13	0.32	2.04	3.09	3.35
θ (75°)	1.25	0.81	-0.14	-1.35	-3.65	-7.64	-10.31	-6.04	-1.58	0.47	0.87	1.51	1.79	0.97	-0.64	-2.01	-5.04	-10.14	-17.22	-7.71	-3.47	-1.76	0.13	0.97	1.25
θ (90°)	1.05	0.10	-0.88	-3.12	-5.51	-9.94	-14.08	-8.56	-3.66	-1.42	-0.95	-0.45	0.09	-0.07	-1.05	-1.92	-3.89	-8.69	-15.93	-8.28	-3.81	-2.00	-0.55	0.80	1.05
θ (105°)	0.18	-0.80	-1.77	-2.46	-4.85	-8.58	-12.11	-8.34	-3.48	-1.88	-1.52	-0.57	-0.30	-0.76	-1.52	-1.70	-3.09	-9.12	-13.69	-5.84	-2.60	-1.85	-0.54	0.43	0.18
θ (120°)	-1.84	-1.13	-1.91	-2.71	-2.18	-4.33	-9.82	-8.88	-4.26	-2.12	-2.74	-3.12	-2.81	-2.31	-3.14	-2.59	-3.59	-7.99	-10.79	-5.90	-3.15	-3.37	-2.47	-1.33	-1.84
θ (135°)	-3.19	-3.86	-3.38	-3.26	-3.50	-6.05	-11.74	-9.53	-4.56	-4.17	-5.19	-4.10	-5.23	-4.94	-4.16	-4.38	-6.12	-11.66	-12.72	-5.53	-2.70	-2.76	-3.86	-3.21	-3.19
θ (150°)	-9.46	-8.40	-6.18	-4.37	-4.68	-8.34	-15.99	-8.70	-5.88	-4.26	-6.07	-8.64	-6.96	-6.61	-7.59	-5.10	-4.30	-5.49	-9.34	-9.64	-5.77	-4.85	-7.07	-10.05	-9.46
θ (165°)	-8.49	-7.49	-6.58	-6.45	-7.94	-11.18	-13.98	-10.50	-8.63	-8.16	-8.66	-8.48	-8.48	-9.63	-11.39	-10.59	-9.55	-11.13	-12.40	-10.02	-8.47	-7.89	-8.79	-9.28	-8.49
θ (180°)	-10.23	-9.99	-10.07	-10.32	-11.08	-11.82	-12.40	-13.16	-13.75	-13.91	-12.87	-11.36	-10.27	-9.99	-10.27	-10.85	-11.77	-13.12	-15.55	-17.16	-16.70	-15.25	-13.43	-11.52	-10.23

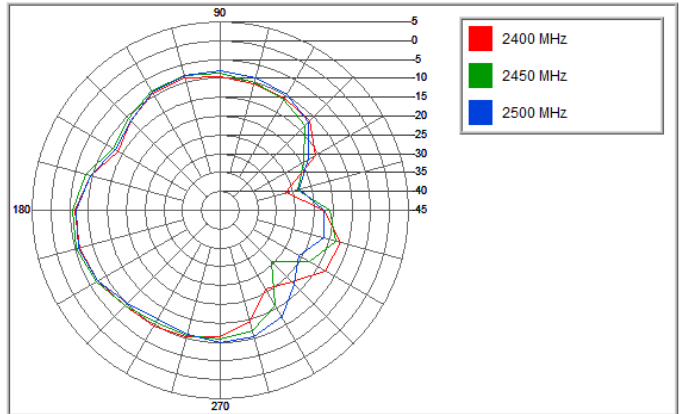
A.3 ANTENNA PATTERN TEST PLOTS

X-Y Plan (Ant 1)

Ant 1, Theta, XY-Plan

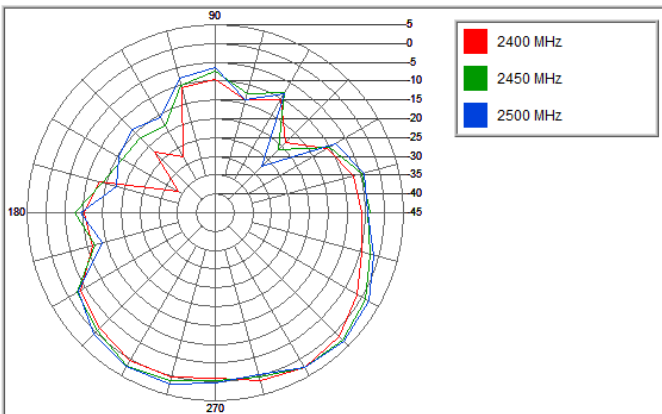


Ant 1, Phi, XY-Plan

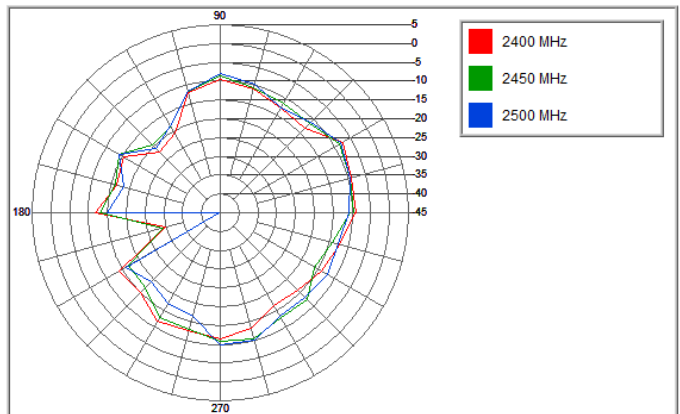


Y-Z Plan (Ant 1)

Ant 1, Theta, YZ-Plan

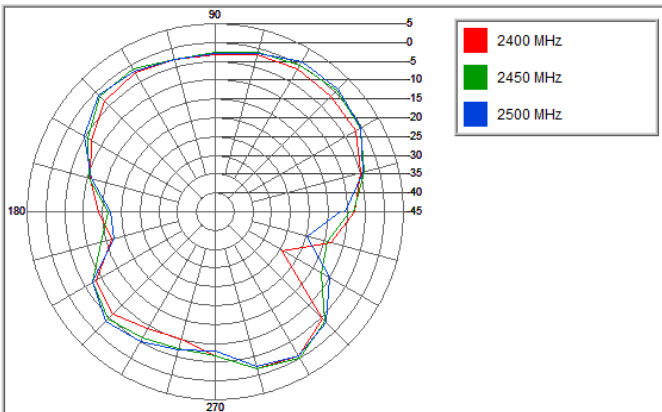


Ant 1, Phi, YZ-Plan

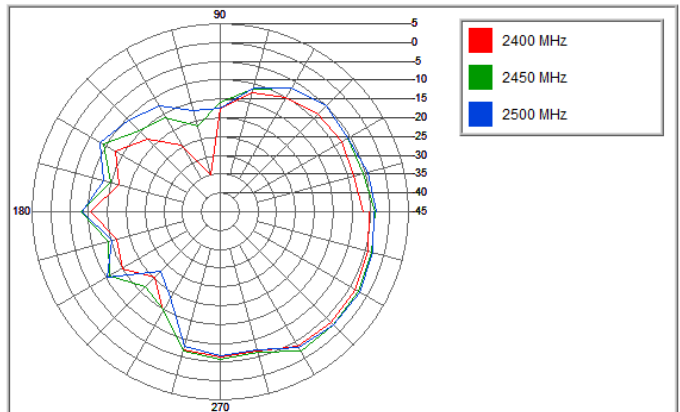


Z-X Plan (Ant 1)

Ant 1, Theta, XZ-Plan

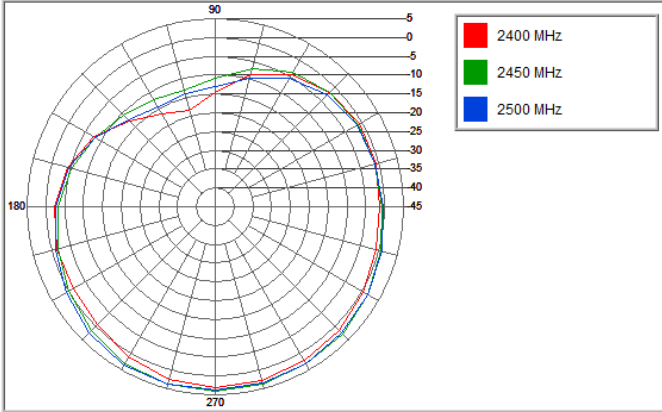


Ant 1, Phi, XZ-Plan

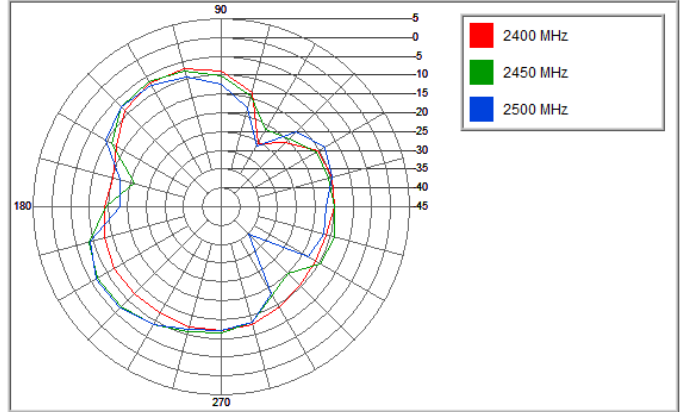


X-Y Plan (Ant 2)

Ant 2, Theta, XY-Plan

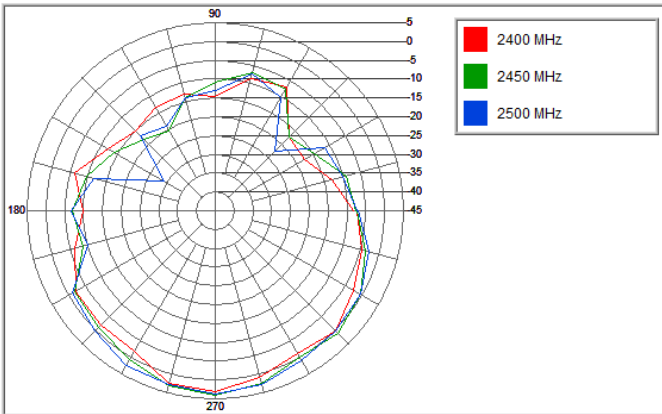


Ant 2, Phi, XY-Plan

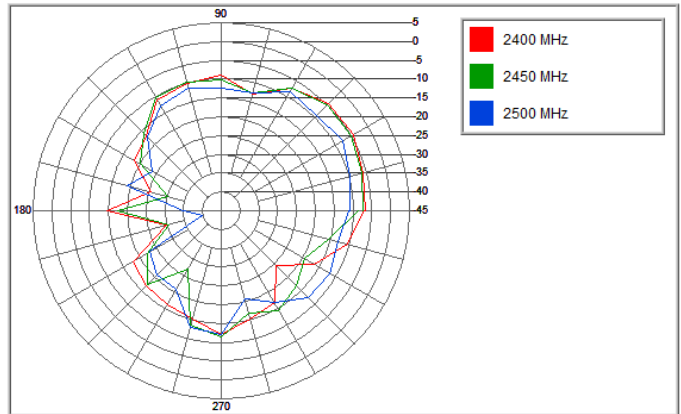


Y-Z Plan (Ant 2)

Ant 2, Theta, YZ-Plan

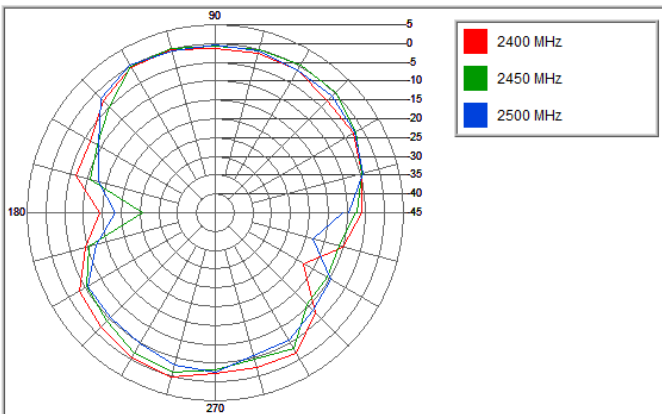


Ant 2, Phi, YZ-Plan

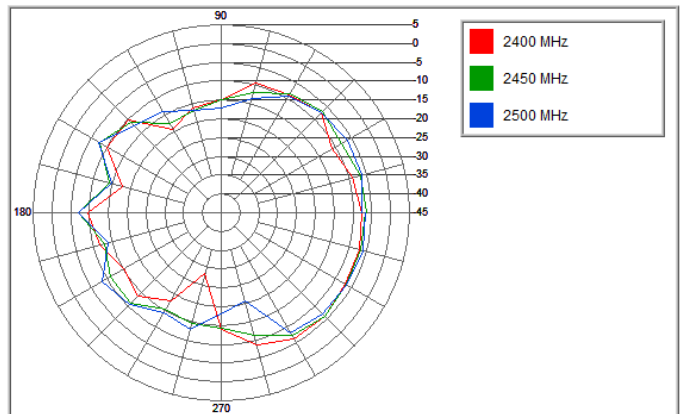


Z-X Plan (Ant 2)

Ant 2, Theta, XZ-Plan

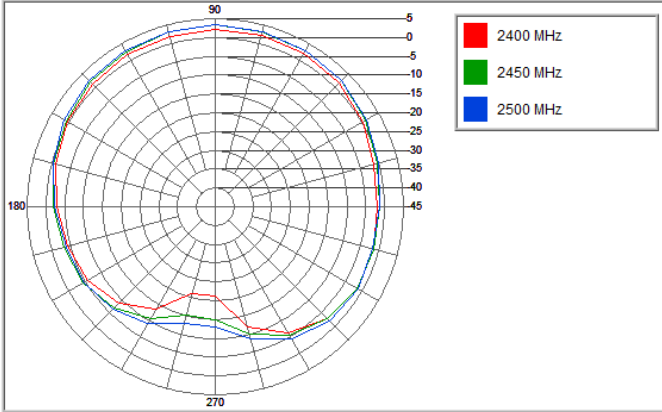


Ant 2, Phi, XZ-Plan

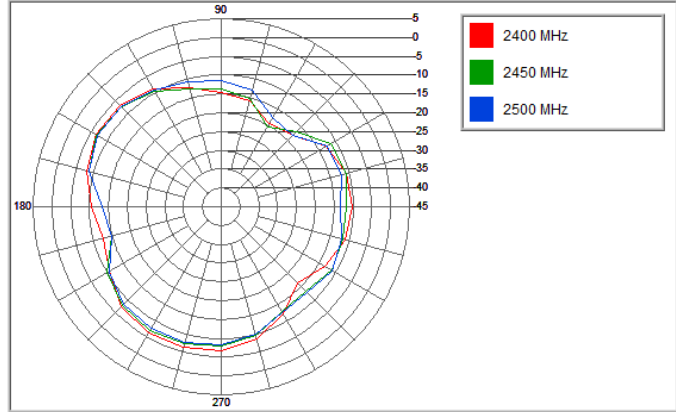


X-Y Plan (Ant 3)

Ant 3, Theta, XY-Plan

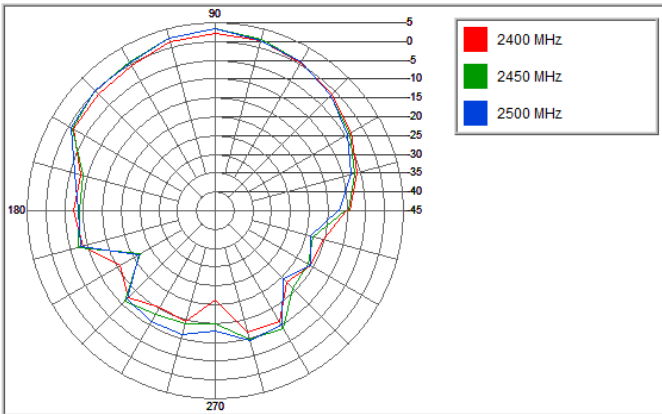


Ant 3, Phi, XY-Plan

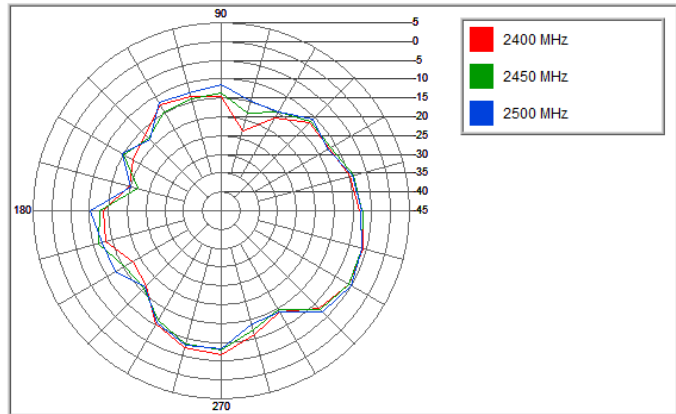


Y-Z Plan (Ant 3)

Ant 3, Theta, YZ-Plan

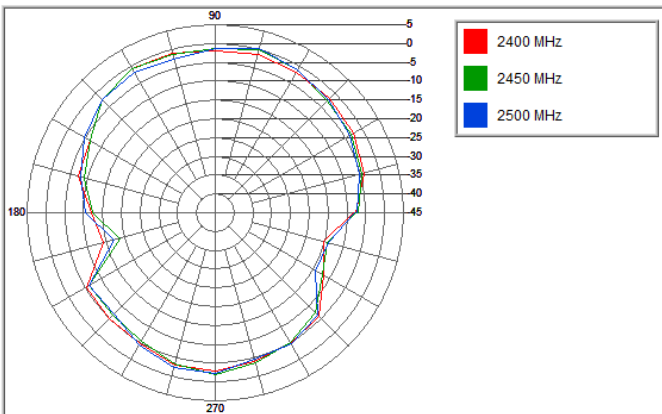


Ant 3, Phi, YZ-Plan

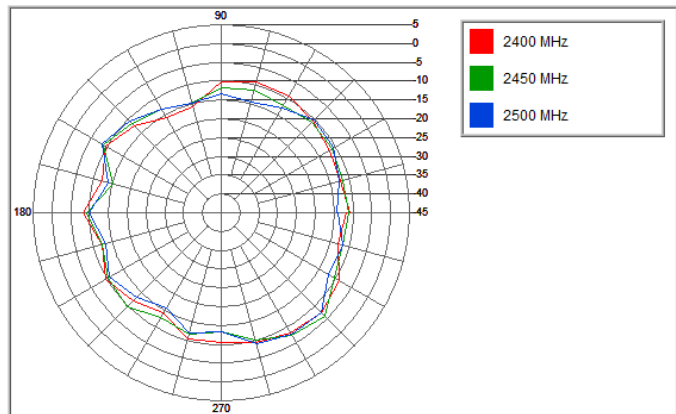


Z-X Plan (Ant 3)

Ant 3, Theta, XZ-Plan

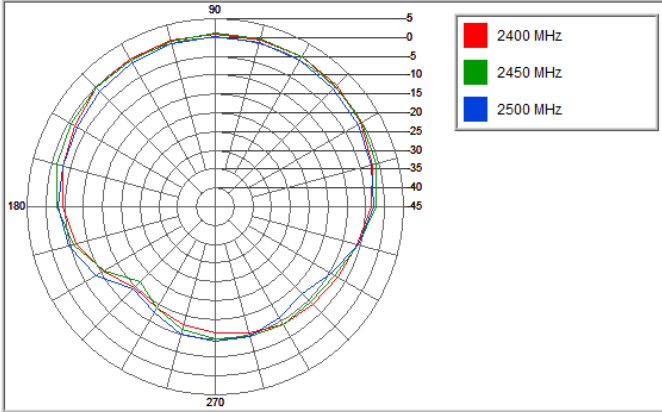


Ant 3, Phi, XZ-Plan

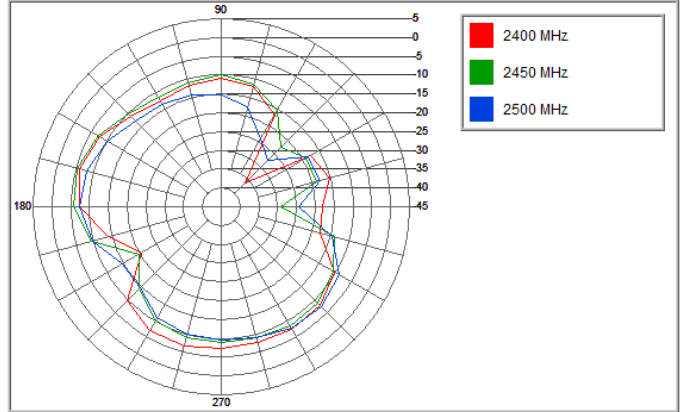


X-Y Plan (Ant 4)

Ant 4, Theta, XY-Plan

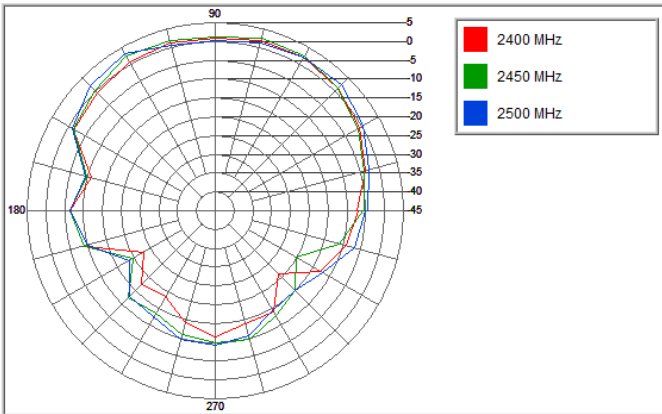


Ant 4, Phi, XY-Plan

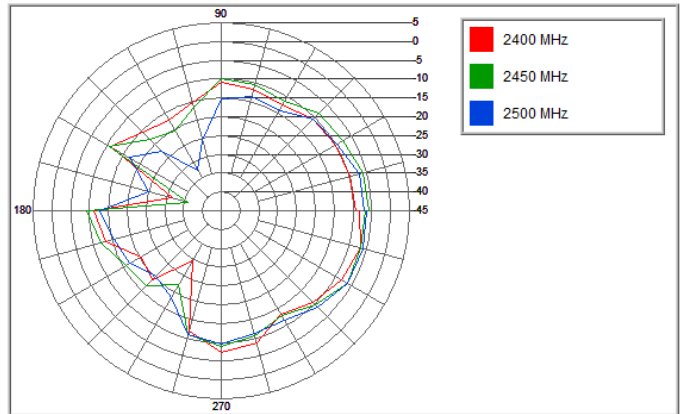


Y-Z Plan (Ant 4)

Ant 4, Theta, YZ-Plan

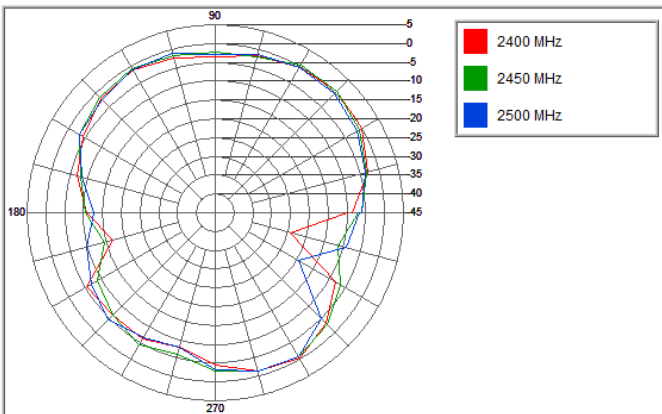


Ant 4, Phi, YZ-Plan

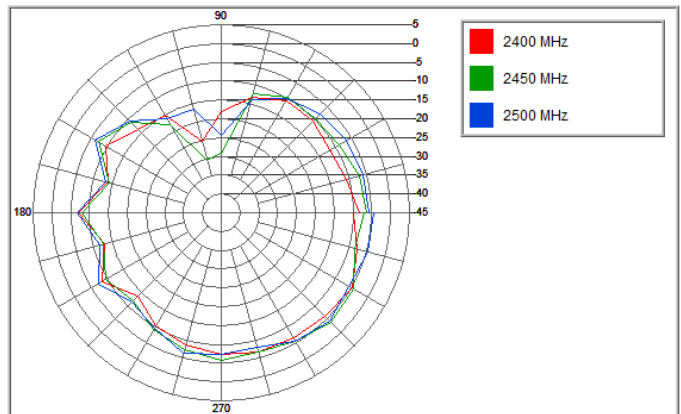


Z-X Plan (Ant 4)

Ant 4, Theta, XZ-Plan

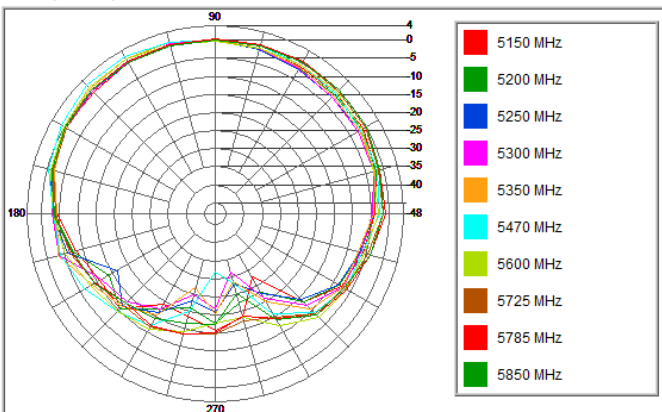


Ant 4, Phi, XZ-Plan

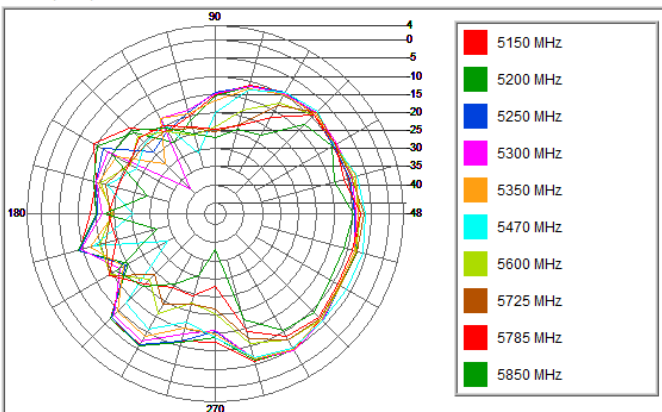


X-Y Plan (Ant 1)

Ant 1, Theta, XY-Plan

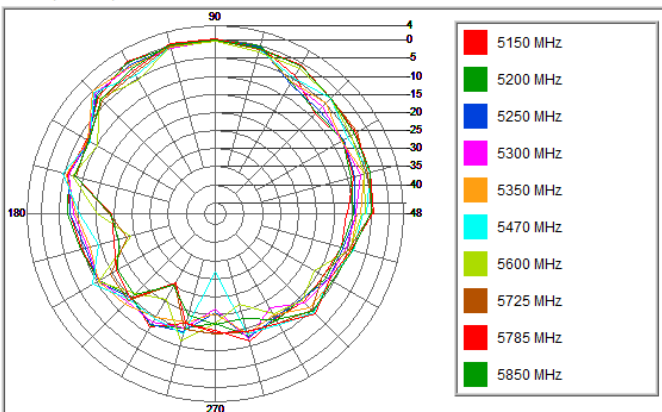


Ant 1, Phi, XY-Plan

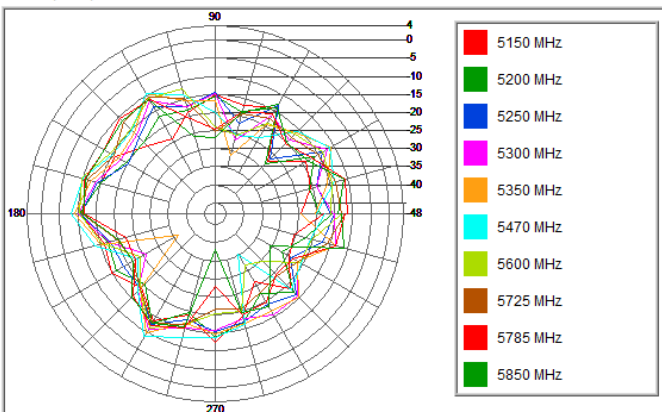


Y-Z Plan (Ant 1)

Ant 1, Theta, YZ-Plan

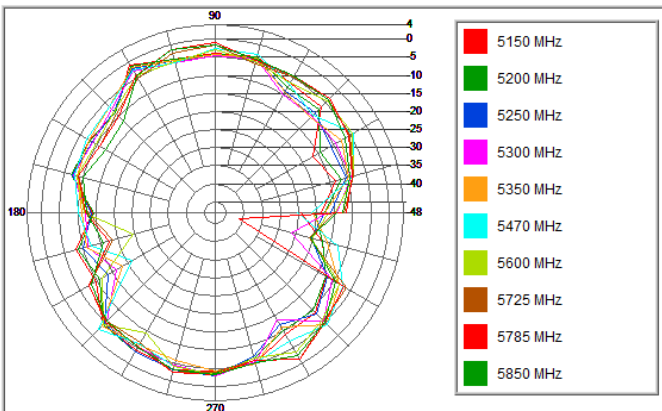


Ant 1, Phi, YZ-Plan

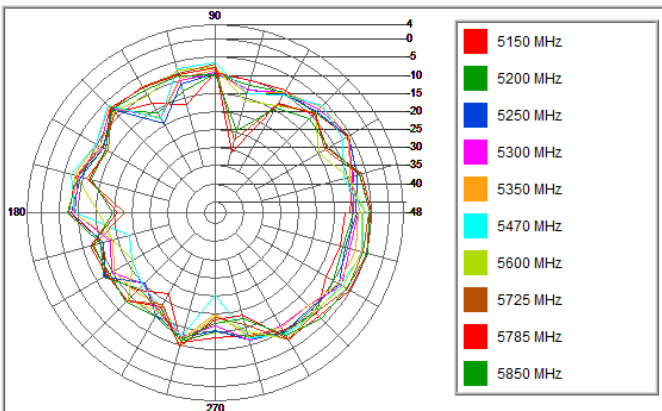


Z-X Plan (Ant 1)

Ant 1, Theta, XZ-Plan

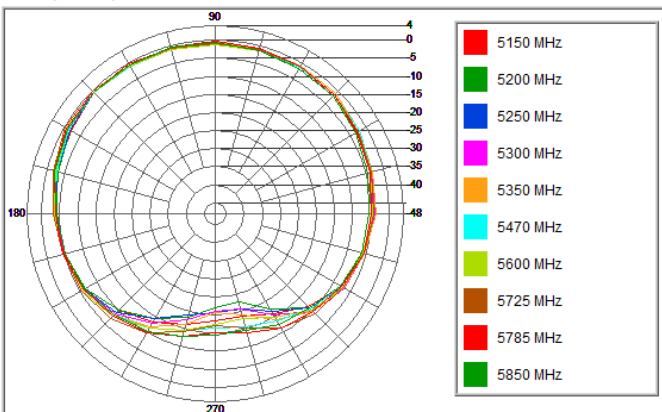


Ant 1, Phi, XZ-Plan

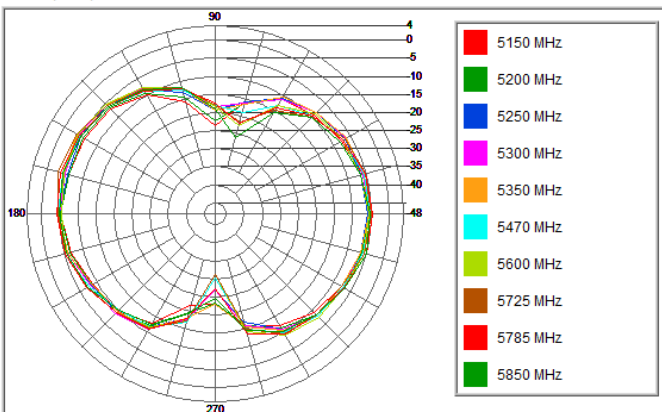


X-Y Plan (Ant 2)

Ant 2, Theta, XY-Plan

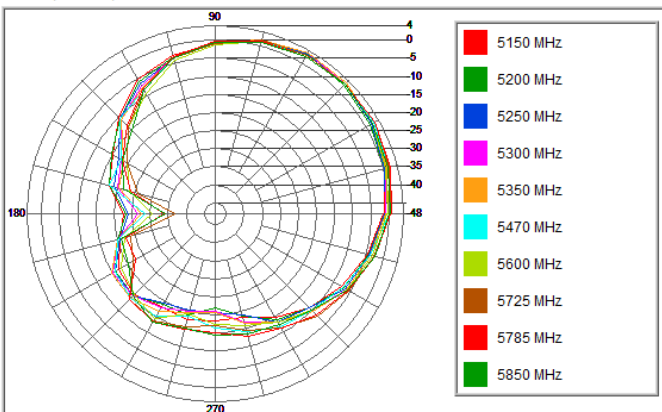


Ant 2, Phi, XY-Plan

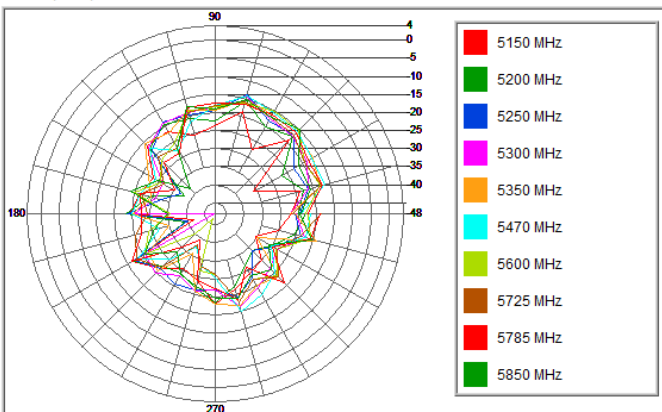


Y-Z Plan (Ant 2)

Ant 2, Theta, YZ-Plan

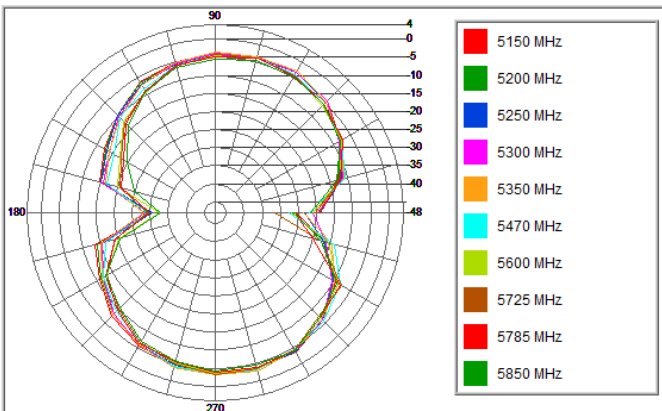


Ant 2, Phi, YZ-Plan

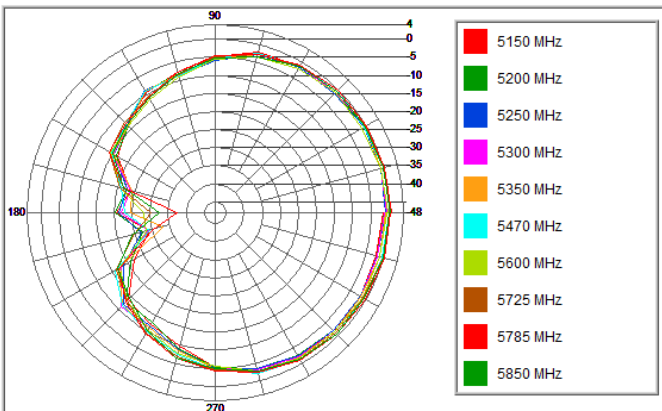


Z-X Plan (Ant 2)

Ant 2, Theta, XZ-Plan

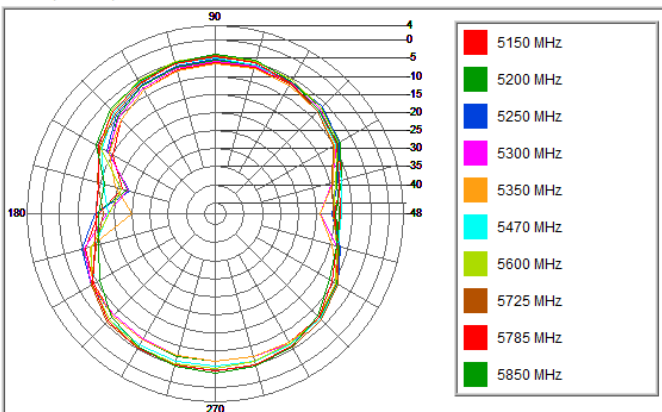


Ant 2, Phi, XZ-Plan

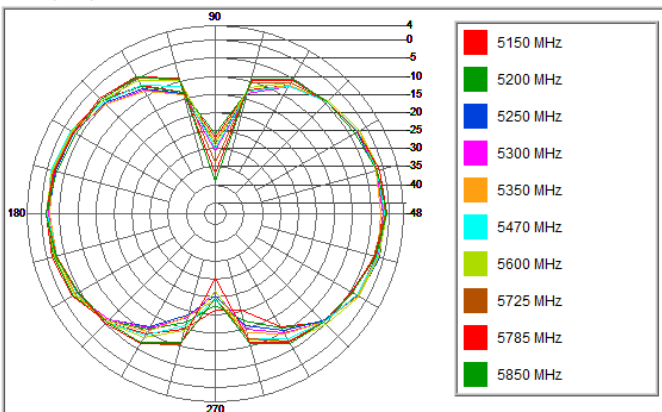


X-Y Plan (Ant 3)

Ant 3, Theta, XY-Plan

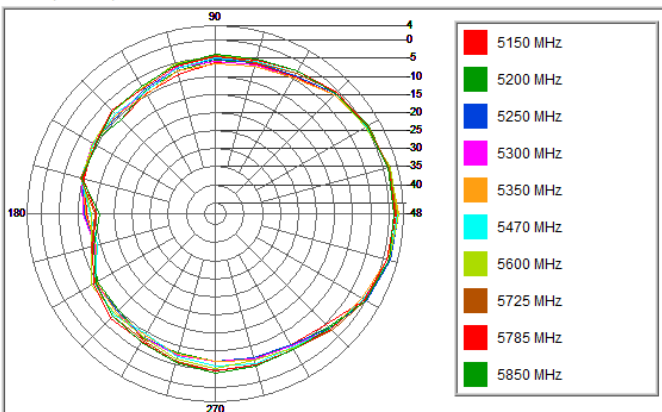


Ant 3, Phi, XY-Plan

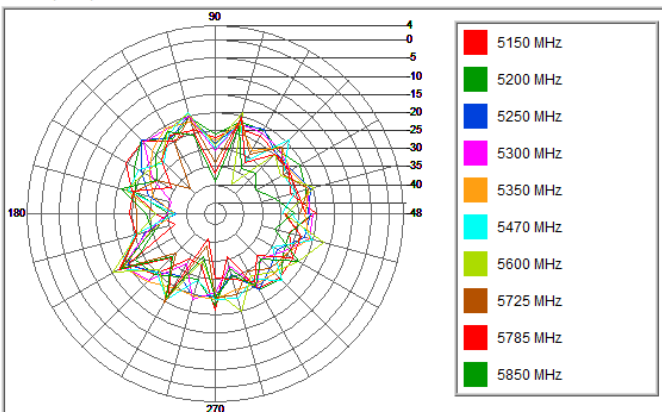


Y-Z Plan (Ant 3)

Ant 3, Theta, YZ-Plan

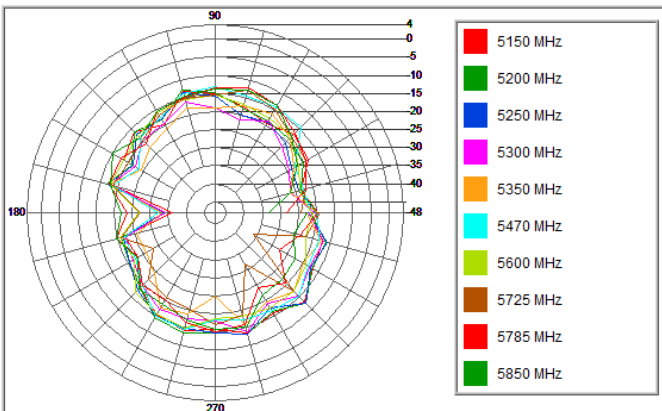


Ant 3, Phi, YZ-Plan

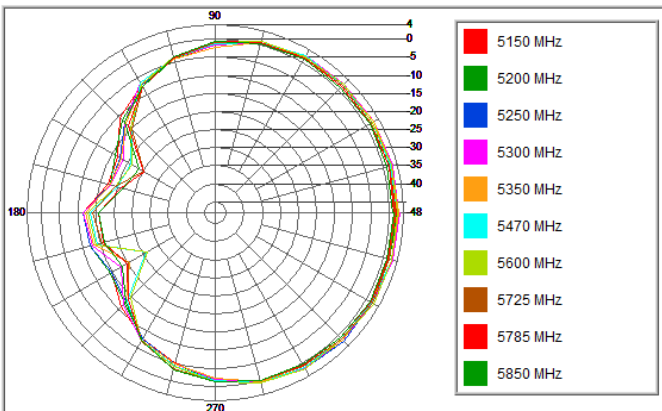


Z-X Plan (Ant 3)

Ant 3, Theta, XZ-Plan

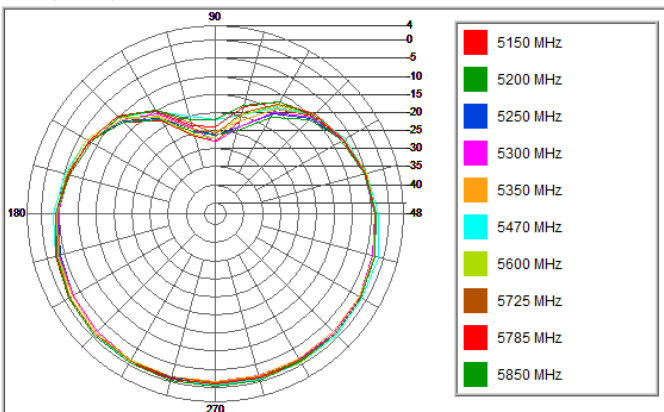


Ant 3, Phi, XZ-Plan

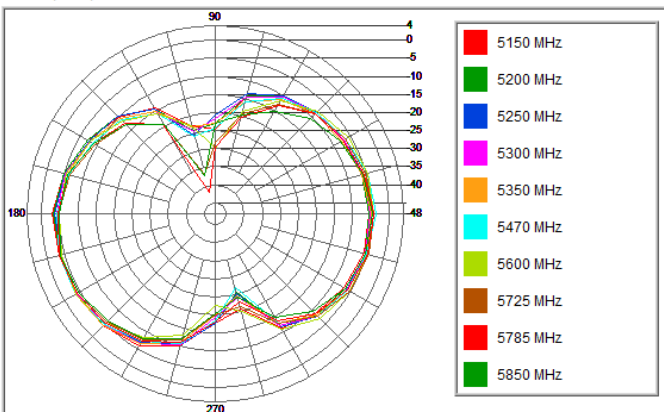


X-Y Plan (Ant 4)

Ant 4, Theta, XY-Plan

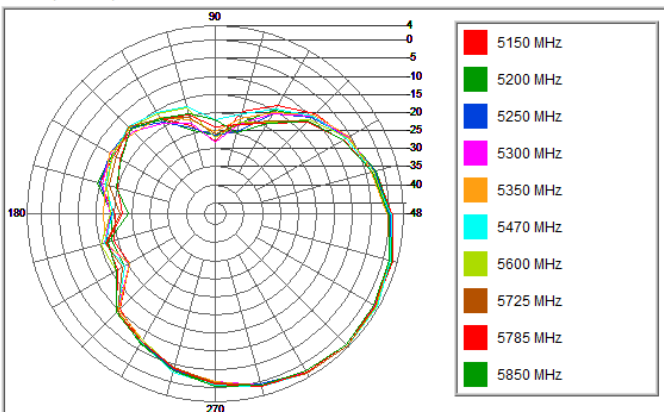


Ant 4, Phi, XY-Plan

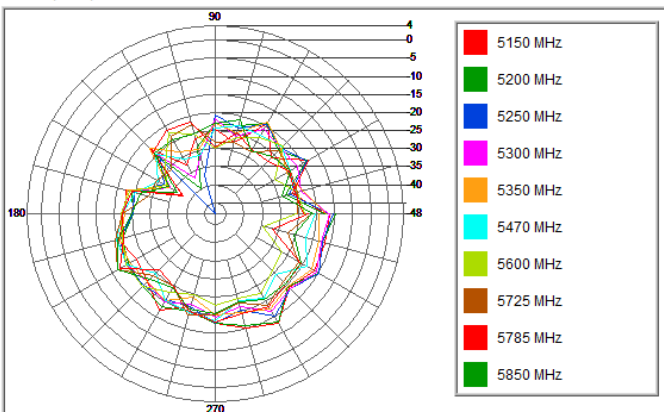


Y-Z Plan (Ant 4)

Ant 4, Theta, YZ-Plan

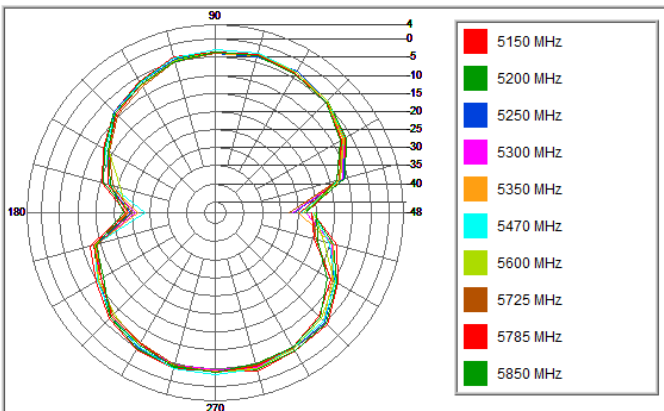


Ant 4, Phi, YZ-Plan

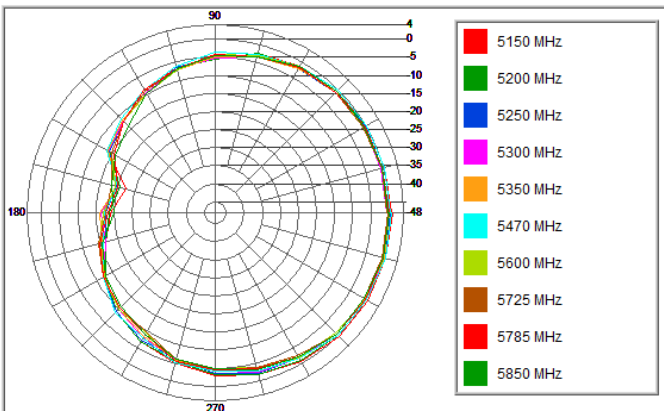


Z-X Plan (Ant 4)

Ant 4, Theta, XZ-Plan

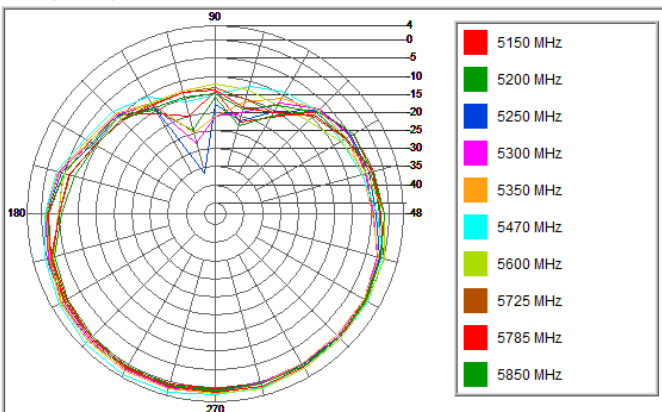


Ant 4, Phi, XZ-Plan

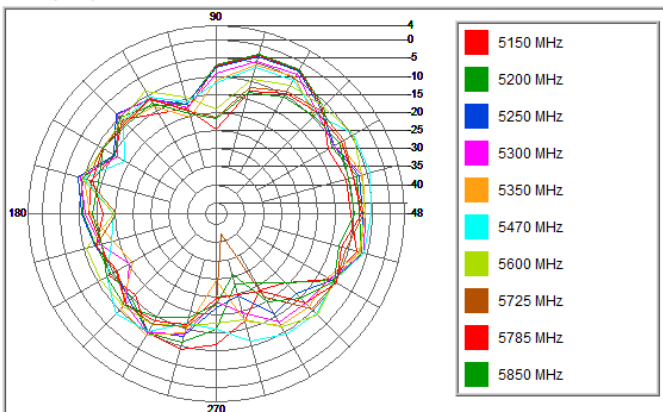


X-Y Plan (Ant 5)

Ant 5, Theta, XY-Plan

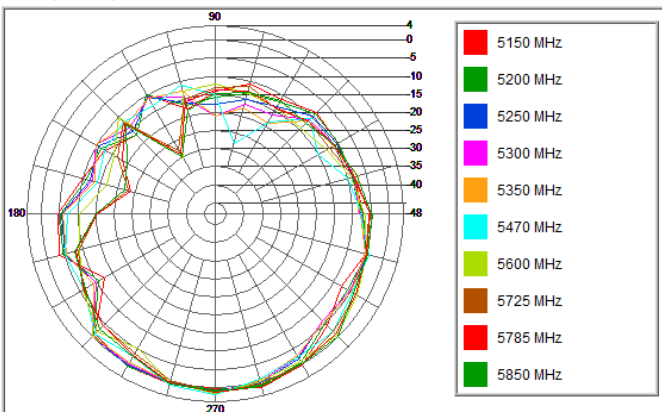


Ant 5, Phi, XY-Plan

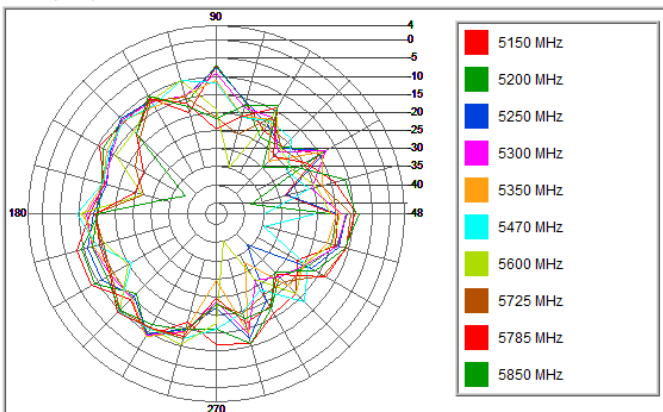


Y-Z Plan (Ant 5)

Ant 5, Theta, YZ-Plan

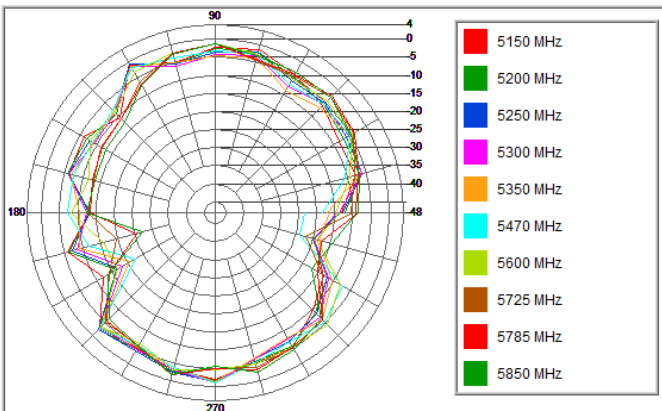


Ant 5, Phi, YZ-Plan

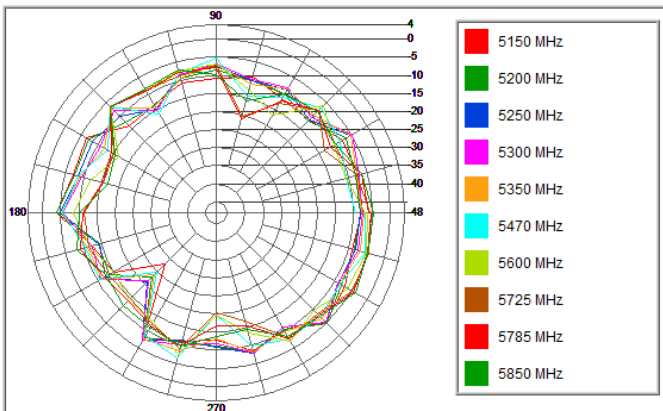


Z-X Plan (Ant 5)

Ant 5, Theta, XZ-Plan

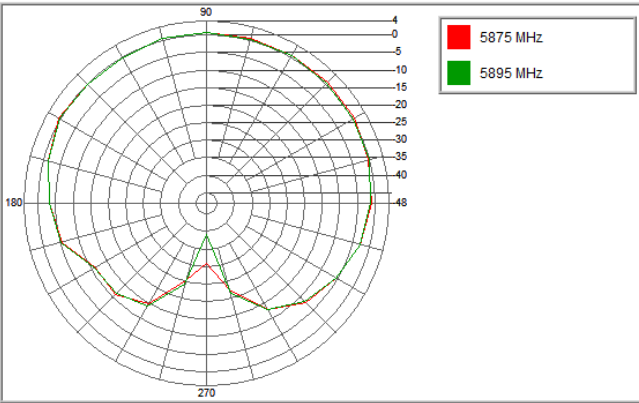


Ant 5, Phi, XZ-Plan

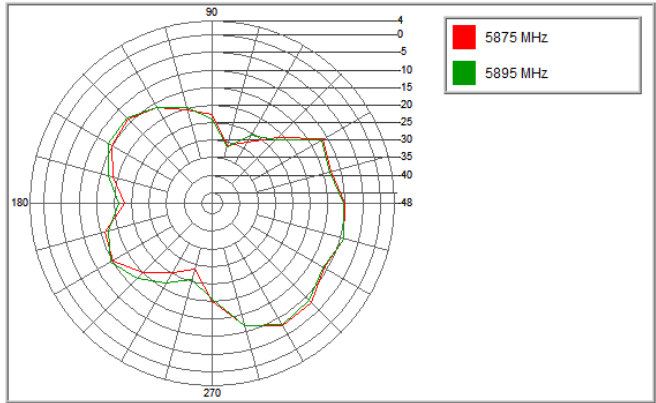


X-Y Plan (Ant 1)

Ant 1, Theta, XY-Plan

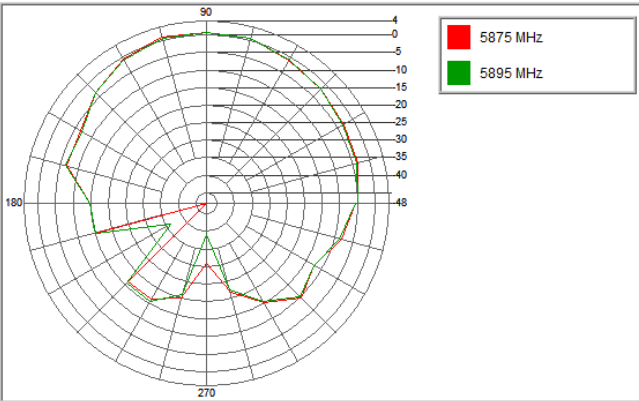


Ant 1, Phi, XY-Plan

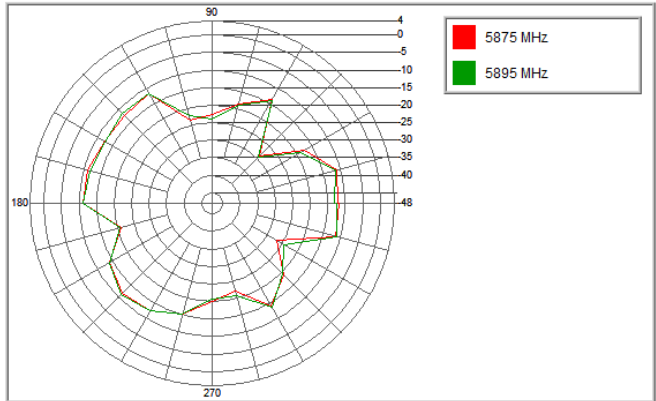


Y-Z Plan (Ant 1)

Ant 1, Theta, YZ-Plan

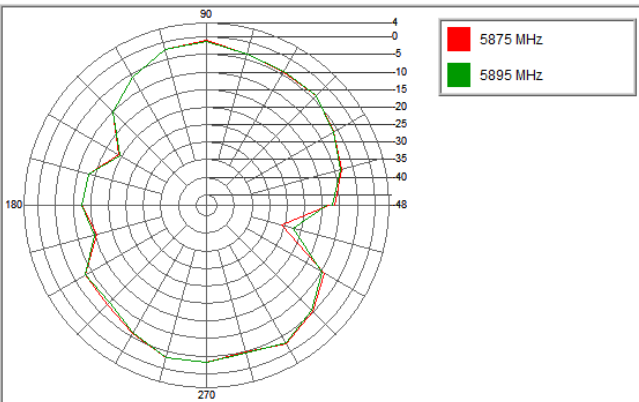


Ant 1, Phi, YZ-Plan

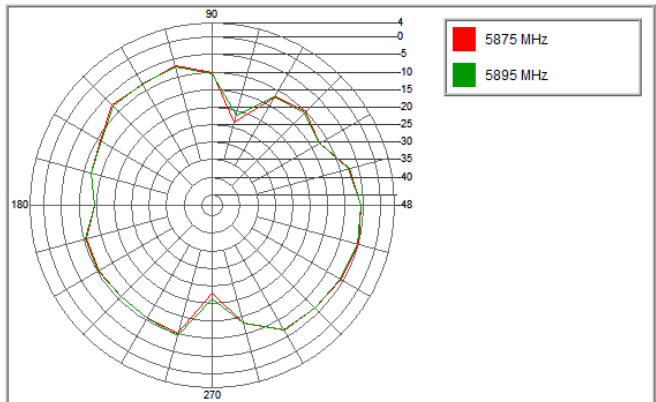


Z-X Plan (Ant 1)

Ant 1, Theta, ZX-Plan

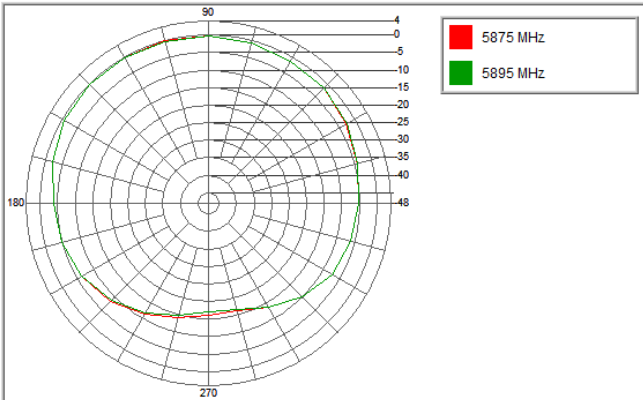


Ant 1, Phi, ZX-Plan

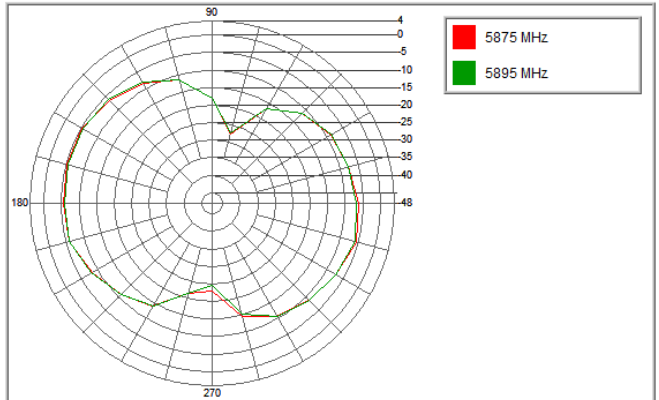


X-Y Plan (Ant 2)

Ant 2, Theta, XY-Plan

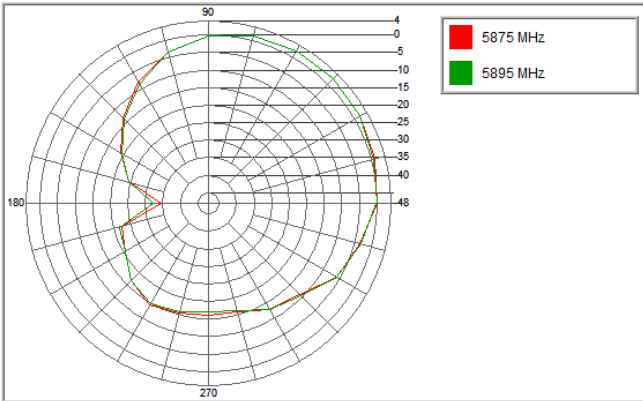


Ant 2, Phi, XY-Plan

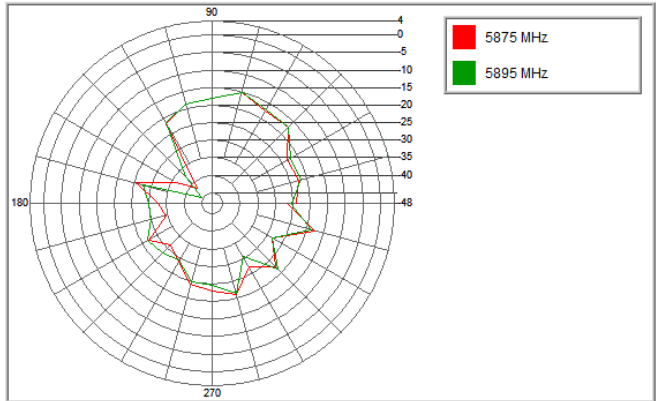


Y-Z Plan (Ant 2)

Ant 2, Theta, YZ-Plan

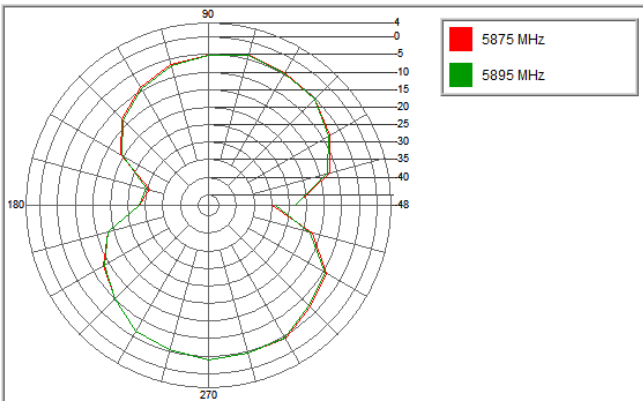


Ant 2, Phi, YZ-Plan

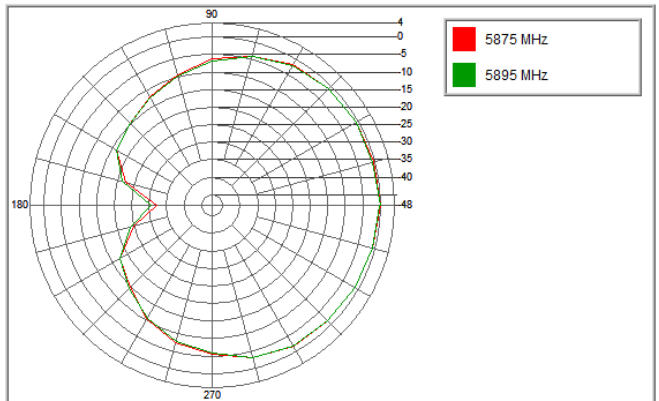


Z-X Plan (Ant 2)

Ant 2, Theta, ZX-Plan

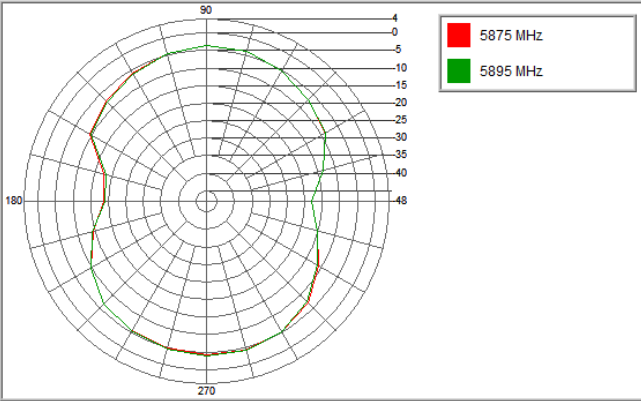


Ant 2, Phi, ZX-Plan

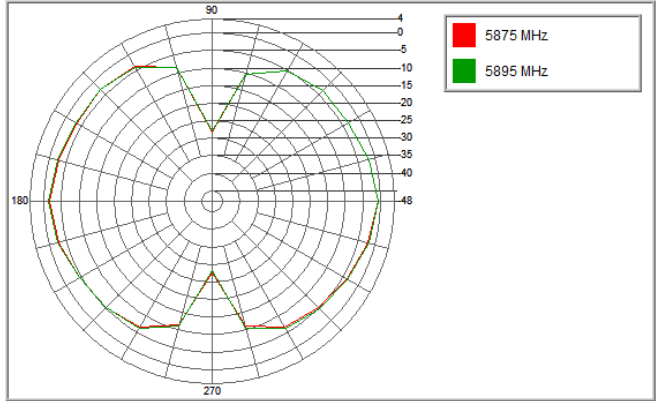


X-Y Plan (Ant 3)

Ant 3, Theta, XY-Plan

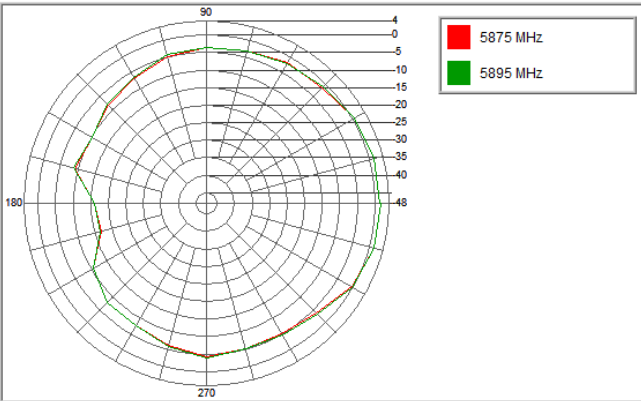


Ant 3, Phi, XY-Plan

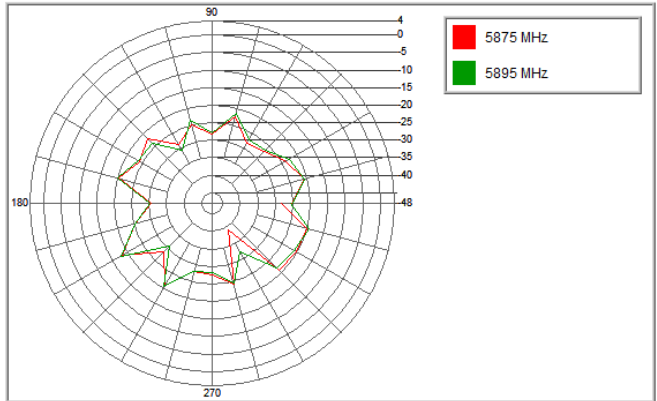


Y-Z Plan (Ant 3)

Ant 3, Theta, YZ-Plan

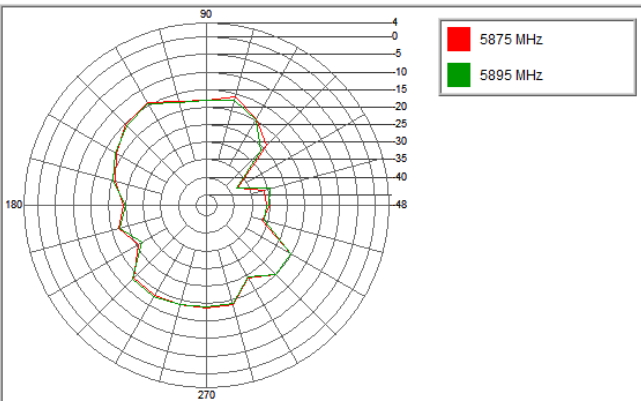


Ant 3, Phi, YZ-Plan

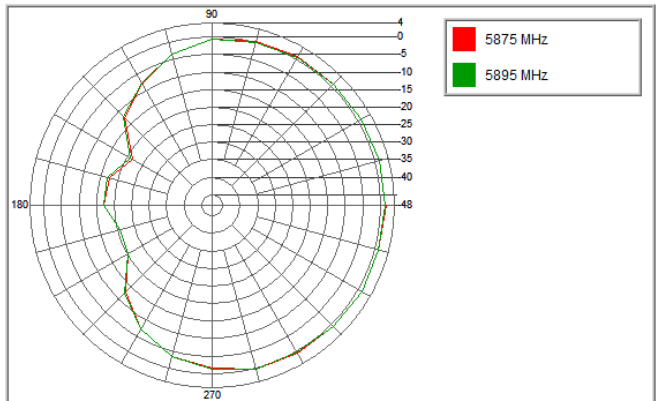


Z-X Plan (Ant 3)

Ant 3, Theta, ZX-Plan

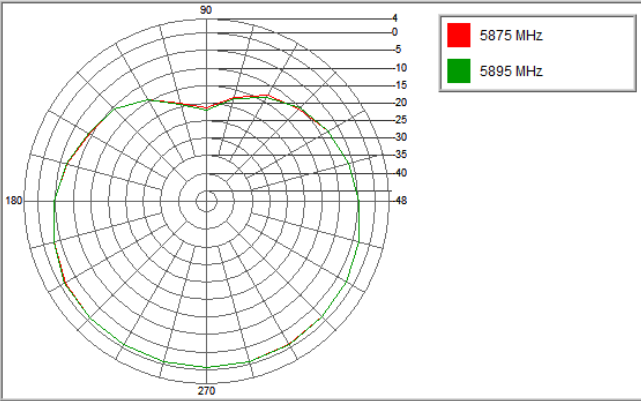


Ant 3, Phi, ZX-Plan

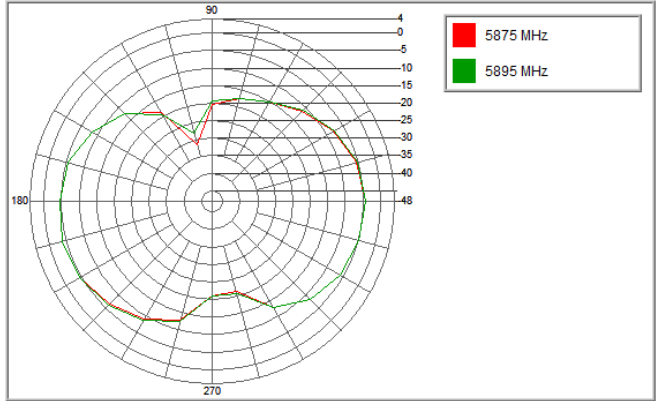


X-Y Plan (Ant 4)

Ant 4, Theta, XY-Plan

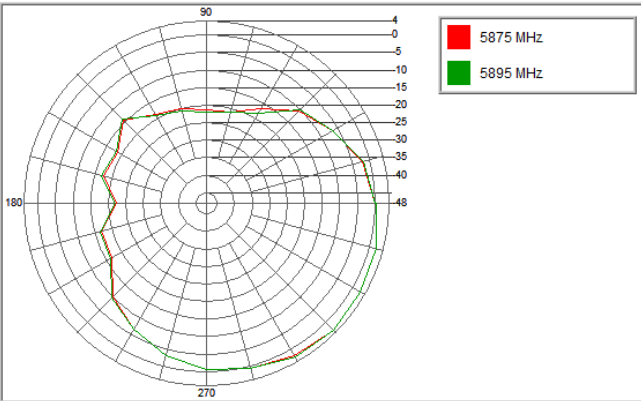


Ant 4, Phi, XY-Plan

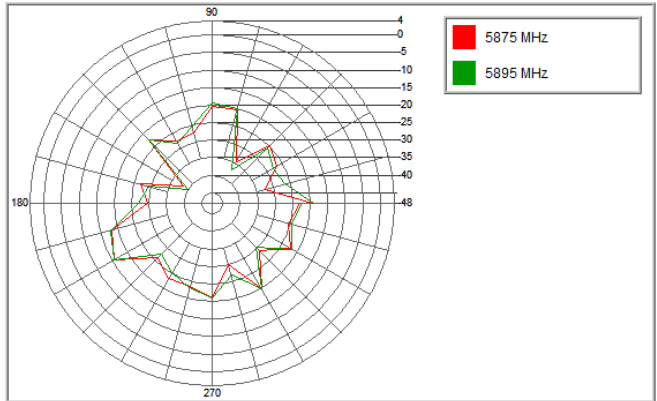


Y-Z Plan (Ant 4)

Ant 4, Theta, YZ-Plan

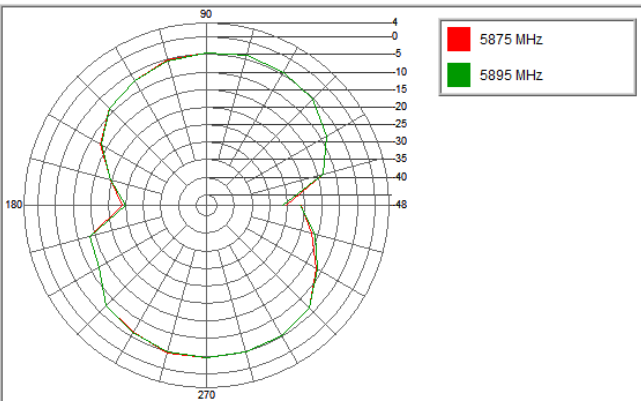


Ant 4, Phi, YZ-Plan

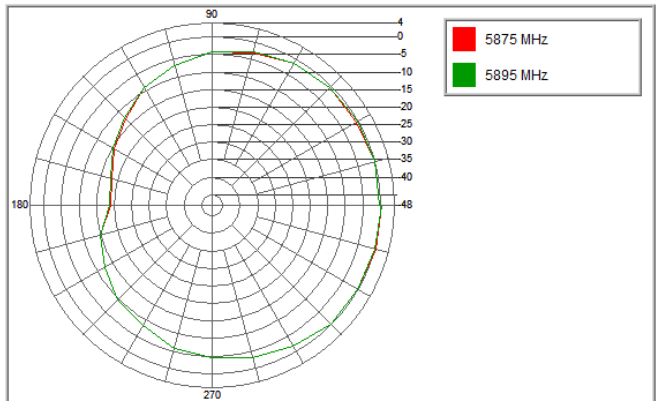


Z-X Plan (Ant 4)

Ant 4, Theta, ZX-Plan

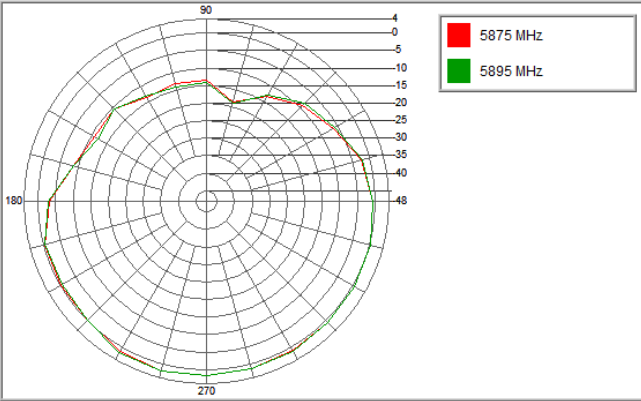


Ant 4, Phi, ZX-Plan

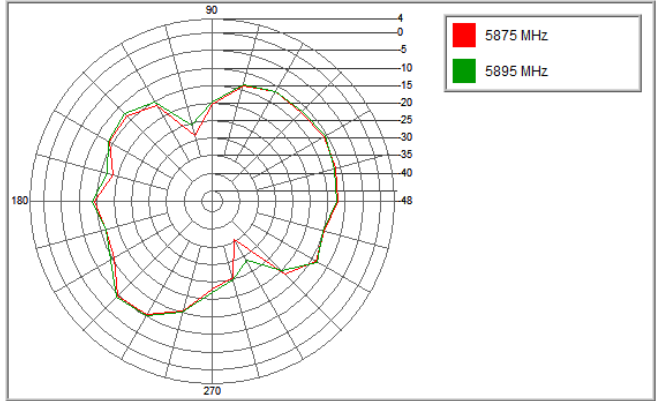


X-Y Plan (Ant 5)

Ant 5, Theta, XY-Plan

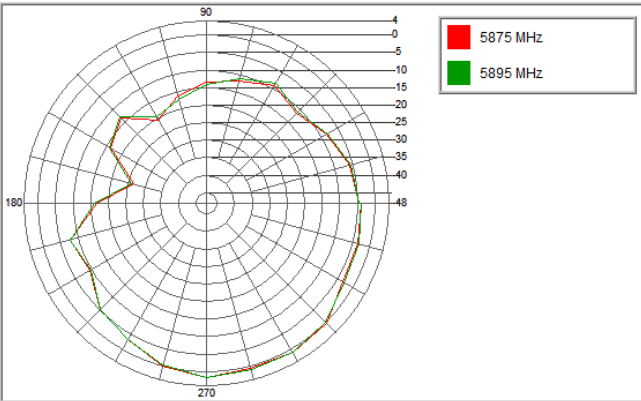


Ant 5, Phi, XY-Plan

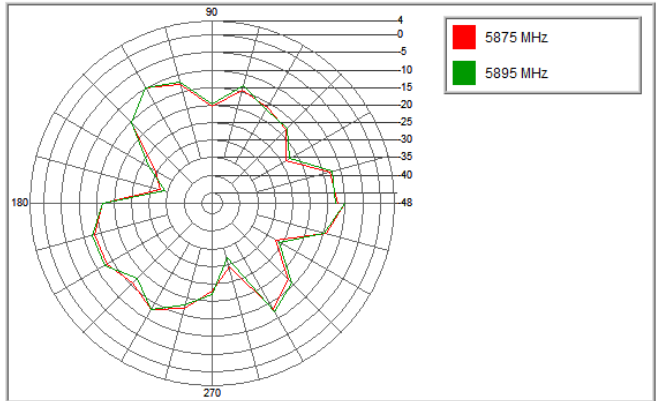


Y-Z Plan (Ant 5)

Ant 5, Theta, YZ-Plan

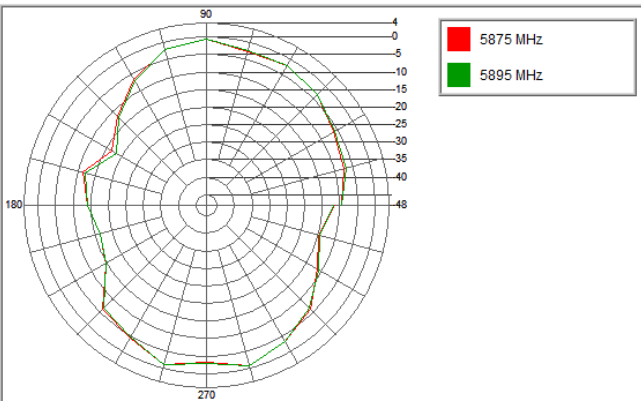


Ant 5, Phi, YZ-Plan

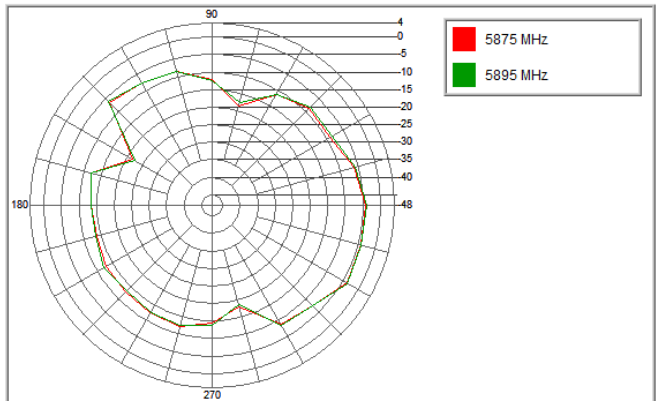


Z-X Plan (Ant 5)

Ant 5, Theta, ZX-Plan



Ant 5, Phi, ZX-Plan



APPENDIX B –Test Setup and EUT antenna port photo

B.1 Antenna Location (Configuration and RF Chains)

Please refer to the documents “ORBHQZ-WTW-P25120689_SPACEX_UTR-261_Antenna measurement Report_APPENDIX”

B.2 Test Setup Diagram for EUT

Please refer to the documents “ORBHQZ-WTW-P25120689_SPACEX_UTR-261_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:

Lin Kou EMC/RF Lab

Tel: 886-2-26052180

Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab

Tel: 886-3-6668565

Fax: 886-3-6668323

Hwa Ya EMC/RF/Safety Lab

Mobile Communications OTA Lab

Tel: 886-3-3183232

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.

--- END ---