GALTRONICS

WHEN CONNECTIONS COUNT

CIG WF-810E Antenna Performance Report

Galtronics Project: 7647A

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April 24 , 2023

INTRODUCTION

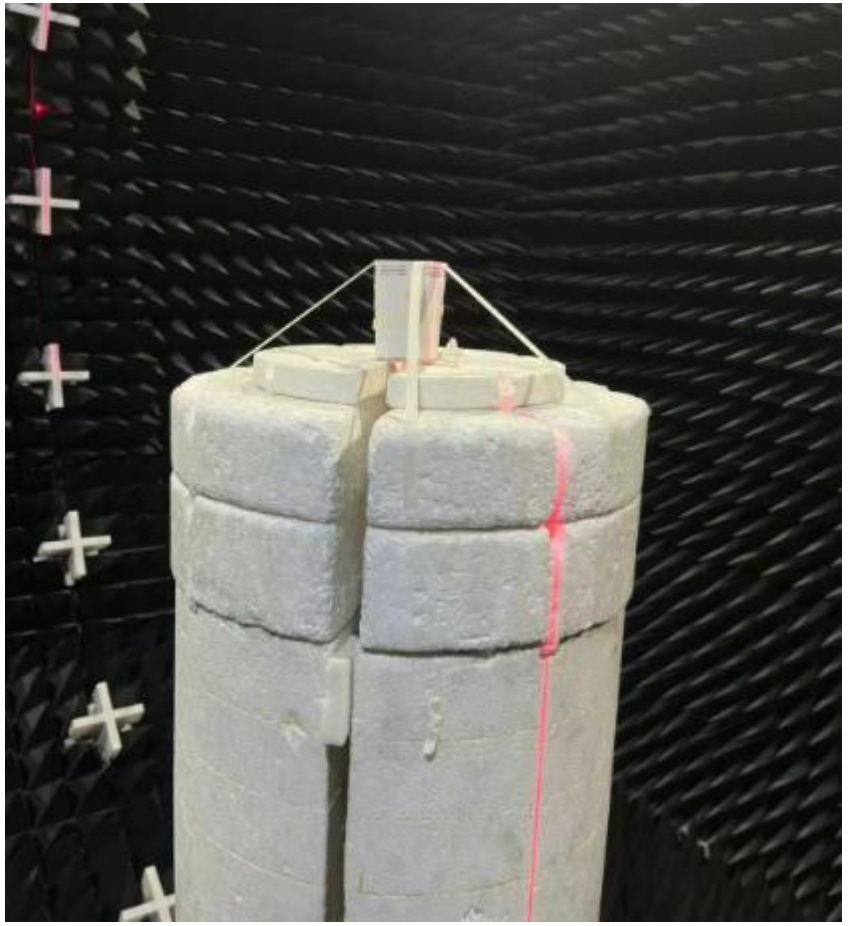
- Galtronics has provided a solution for CIG WF810E Tri-band mesh router.
- There are 8 antennas in this solution:
- One on-board 2G0 antenna: 2.4GHz-2.5GHz
- One on-board BT antenna: 2.4GHz-2.5GHz
- Two 6G band antennas designated by 6G0 and 6G1: 5925MHz-7125MHz.
- 6G0 is on-board. 6G1 antenna is cabled.
- Three 5G Single band antennas designated by 5G0, 5G1 and 5G2: 5150MHz-5895MHz.
- 5G0 and 5G2 antennas are on-board. 5G1 antenna is cabled.
- One cabled metal DB antenna.

TEST INFORMATION

Instrument	Manufacturer	Model No.	Asset No.	Cali. Interval	Cali. Due Date
ENA Network Analyzer	KEYSIGHT	E5071C	MY46730234	1 Year	2023/7/27
RF Switch Box	HWA-TECH	Z9916A-NO1	N/A	N/A	N/A
SP24 Chamber	HWA-TECH	555	N/A	1 Year	2023/12/1
Horn Antenna	HWA-TECH	TN3112	N/A	1 Year	2023/12/1

TEST CONFIGURATION

Test instrument



Chamber

Test Method

The “great circle” cut method, whereby the Measurement Antenna remains fixed and the EUT is rotated about two axes in sequential order. The radiated RF performance of the Equipment Under Test (EUT) is measured by sampling the radiated transmit power of the mobile at various locations surrounding the device. A three-dimensional characterization of the 'transmit' performance of the EUT is pieced together by analyzing the data from the spatially distributed measurements.

Data points taken every 15 degrees in the theta and in the phi axes are deemed sufficient to fully characterize the EUT's Far-Field radiation pattern and total radiated power All of the measured power values will be integrated.

Test Condition	Test Engineer	Test Environment (°C / %)	Test Date
Radiated	Lean.ni	20-24 / 45-60	10.24.2022~10.27.2022

Band (MHz)	Test Frequency (MHz)
2400-2500	2400 / 2450 / 2500
5150-5850	5150 / 5350/5500/5725/5825
5925-7125	5925/6225/6325/6575/7125

Testing Location	
Galtronics	Suzhou, China Design Center Galtronics Electronics (Wuxi) Co.

Because the antennas are fixed in location within the device the directional antenna gain for MIMO is calculated over a sphere using the raw spatial data taken at 15 degree steps of theta and phi for each antenna using the equations from KDB 662911 D01. The raw antenna data is located in the appendix of this report.

The correlated antenna gain was calculated using KDB 662911 D01, F(2)(d)(i). The uncorrelated antenna gain was calculated using KDB 662911 D01, F(2)(d)(ii).

The uncorrelated and correlated gains were calculated for each point in the spatial data, and the highest values reported.

Note：

KDB 662911 D01, F(2)(d)(i)

$$\text{Correlated Gain} = 10\log\left[\left(10^{\frac{G1}{20}} + 10^{\frac{G2}{20}} + \cdots + 10^{\frac{Gn}{20}}\right)^2 / N_{Ant.}\right] dBi$$

KDB 662911 D01, F(2)(d)(ii)

$$\text{Uncorrelated Gain} = 10\log\left[\left(10^{\frac{G1}{10}} + 10^{\frac{G2}{10}} + \cdots + 10^{\frac{Gn}{10}}\right) / N_{Ant.}\right] dBi$$

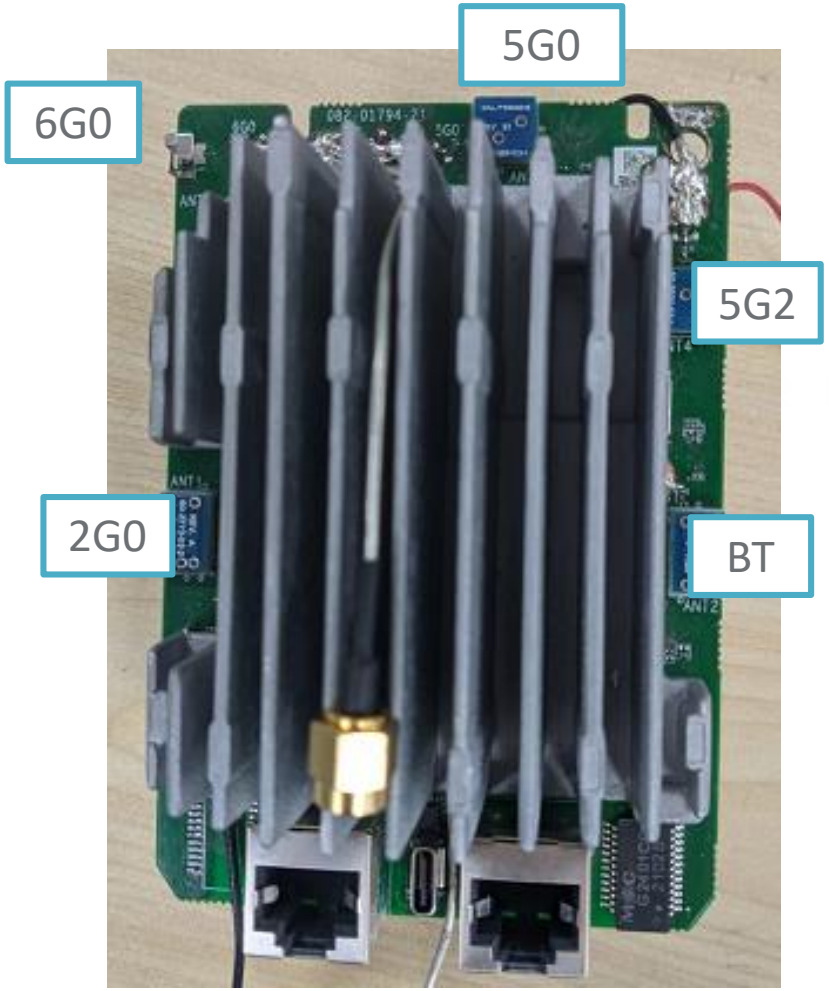
$N_{Ant.}$：Number of antenna

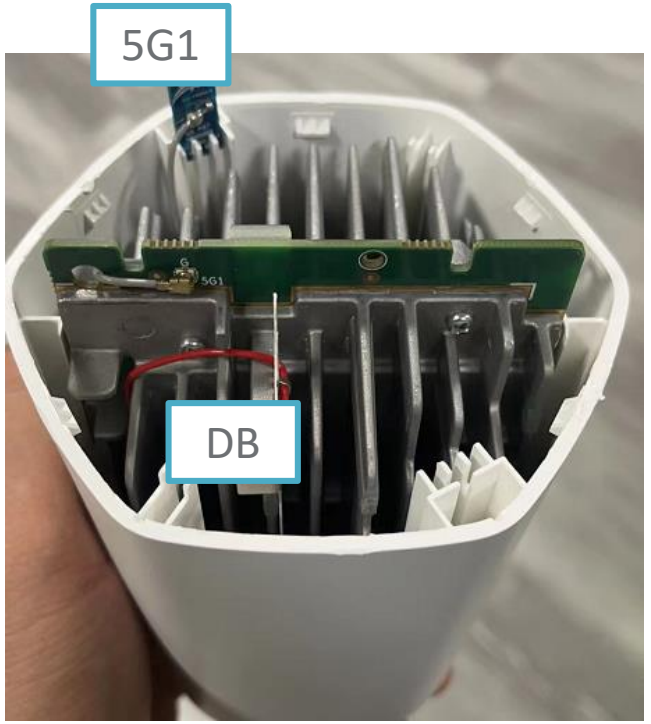
G_n：Gain of antenna

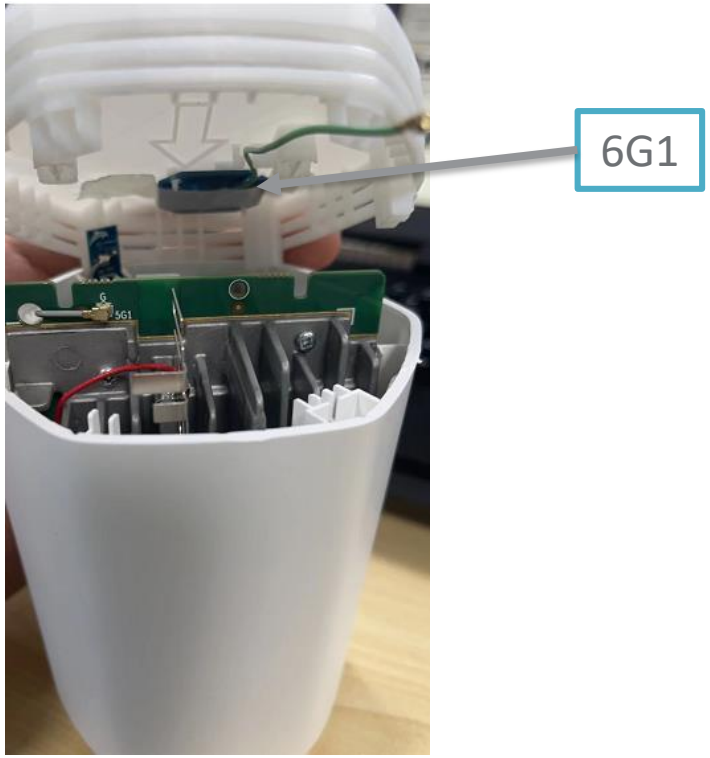
ANTENNA

Antenna	Assy Number	Part Number	Manufacturer
天线	组件编号	零件编号	制造商
5G0	02036142-07647-1	60-3589-03-1	Galtronics
5G1	02102142-07647-1	60-2782-03-1	Galtronics
5G2	02036142-07647-2	60-3590-03-1	Galtronics
6G0	02036475-07410	06-2783-03-1	Galtronics
6G1	02102475-07647-1	60-7124-03	Galtronics
DB	02102140-07647-1	06-2793-03	Galtronics
BT	02036073-06885-2	60-2773-03-2	Galtronics
2G0	02036073-06885-2	60-2773-03-2	Galtronics
Galtronics Factory: Galtronics Electronics (Wuxi) Co. No. 1, Xishi Road, Wuxi New District Jiangsu Province 214028, China			

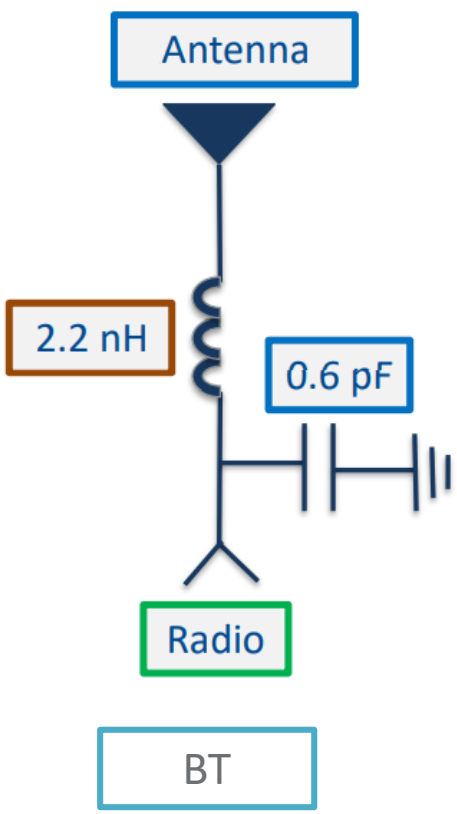
ANTENNA CONFIGURATION

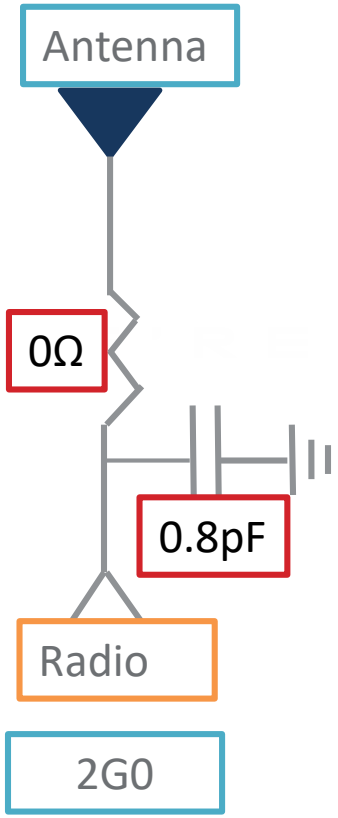


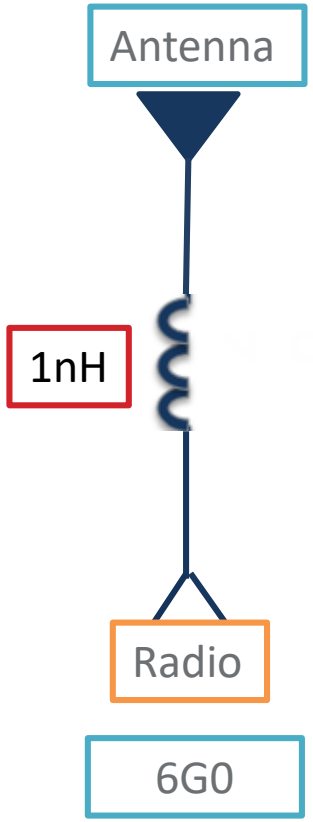


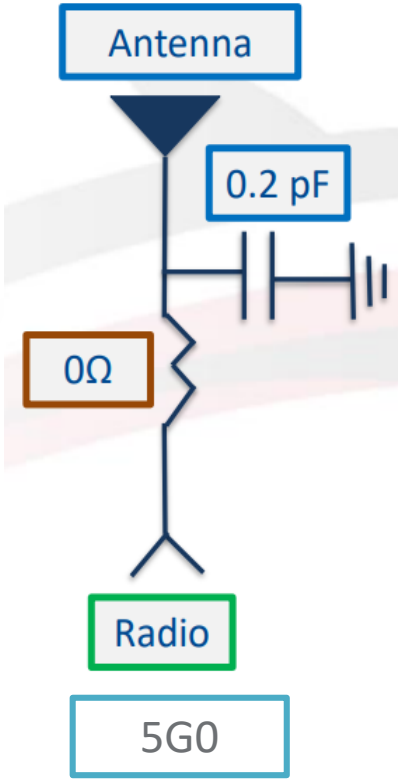


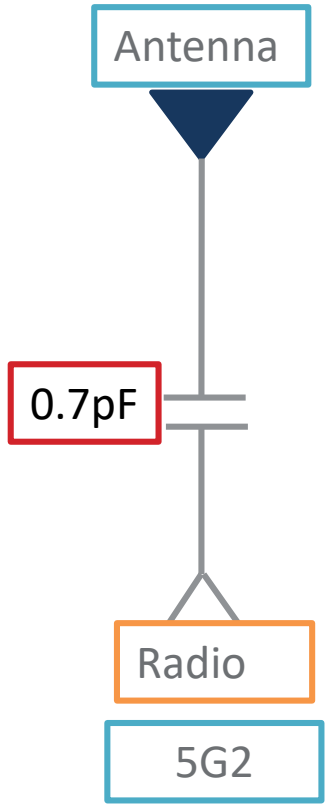
LC MATCHING COMPONENTS



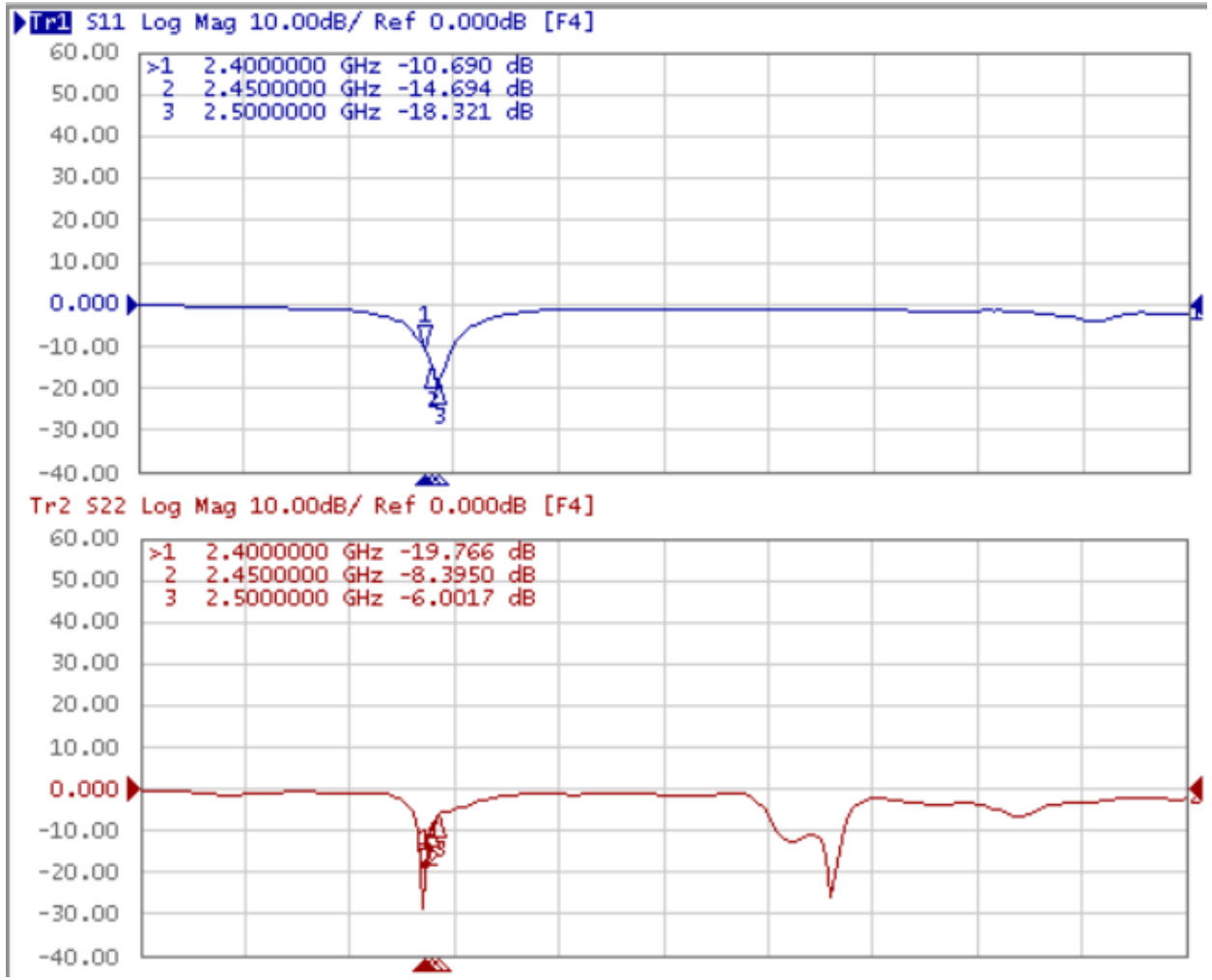








ANTENNA RETURN LOSS OF THE 2G0/BT



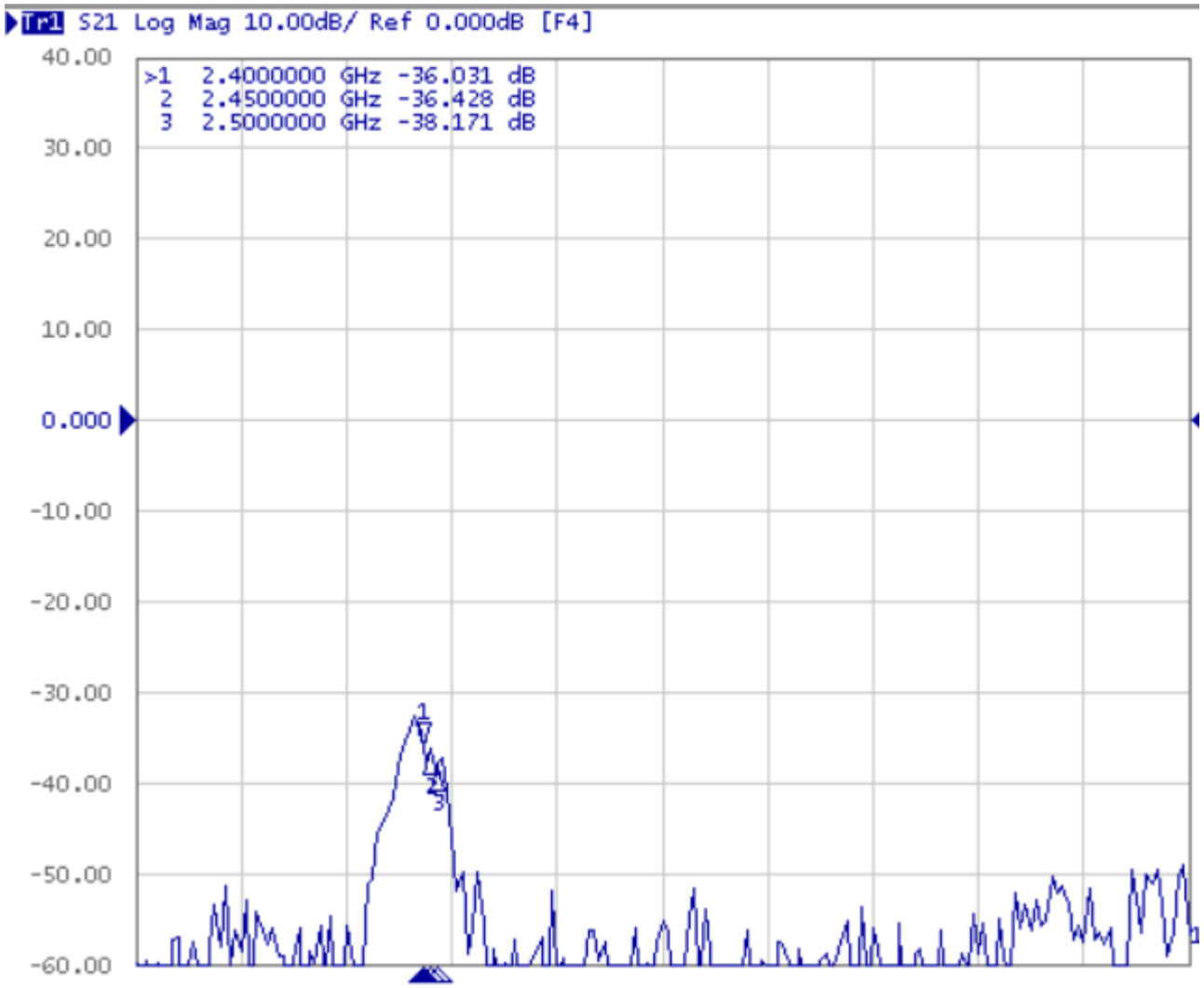
Port1=2G0

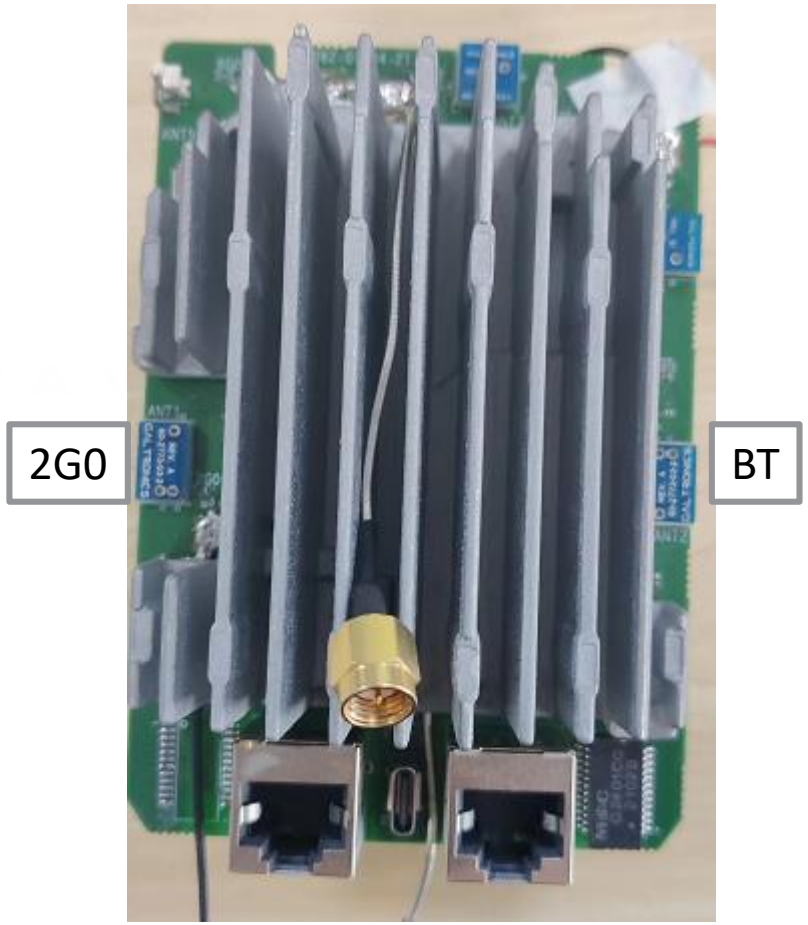
Port2=BT

2G0

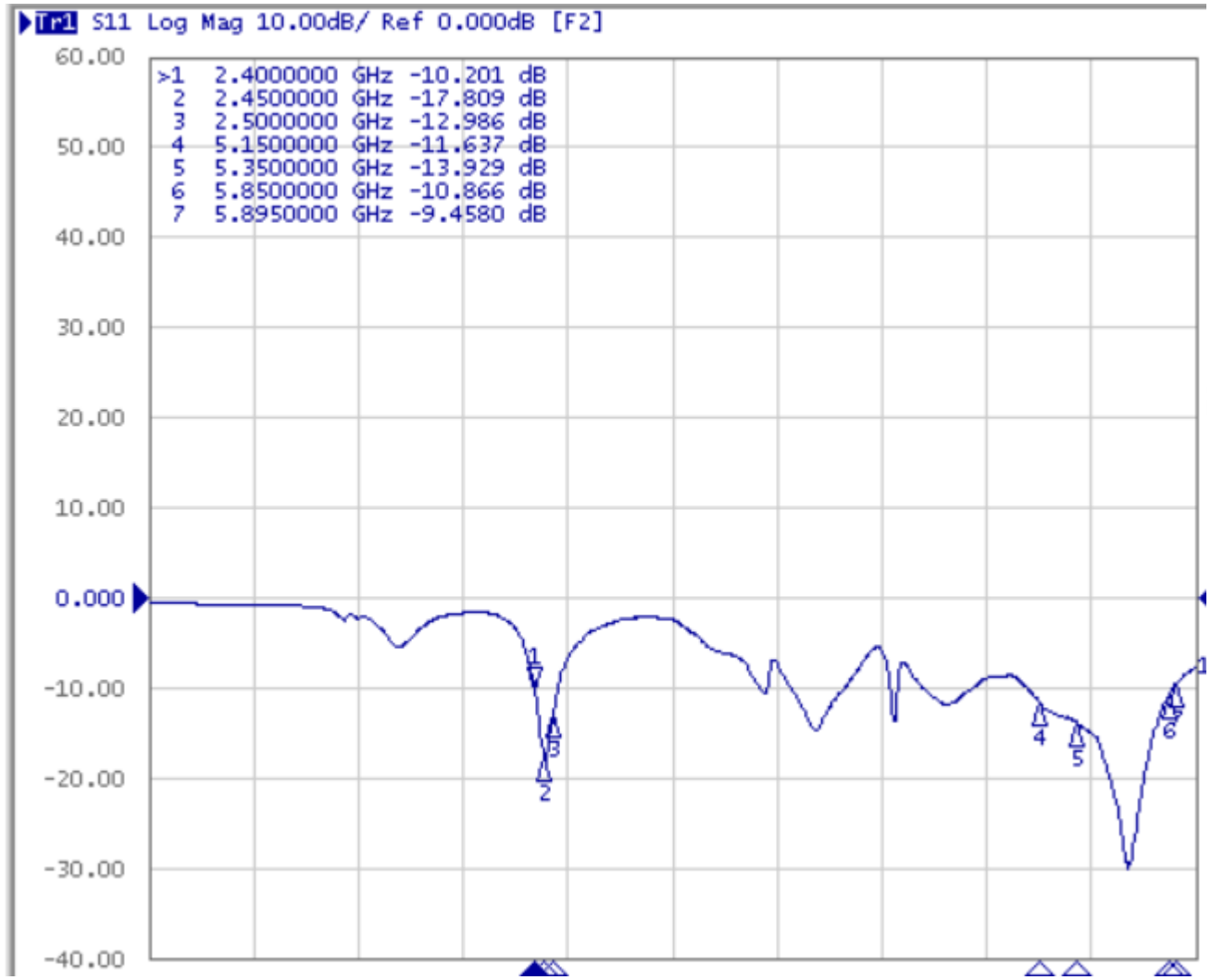
BT

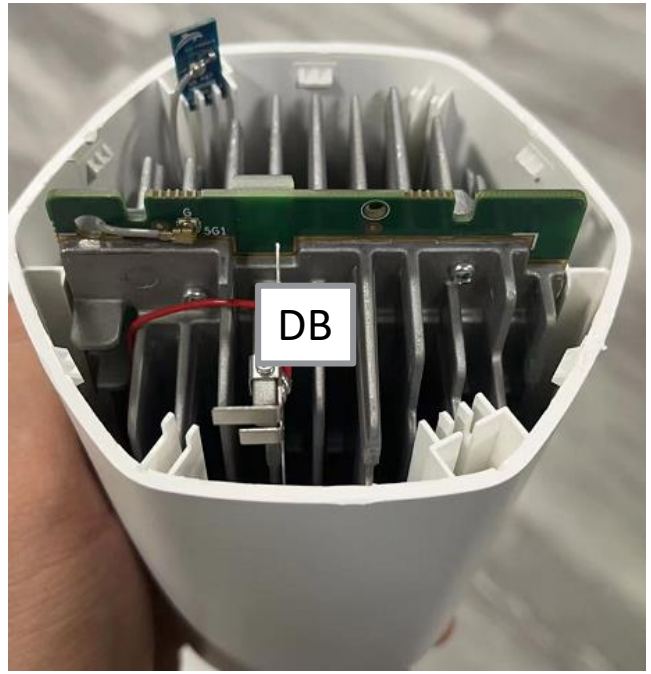
ANTENNA ISOLATION OF THE 2G0/BT



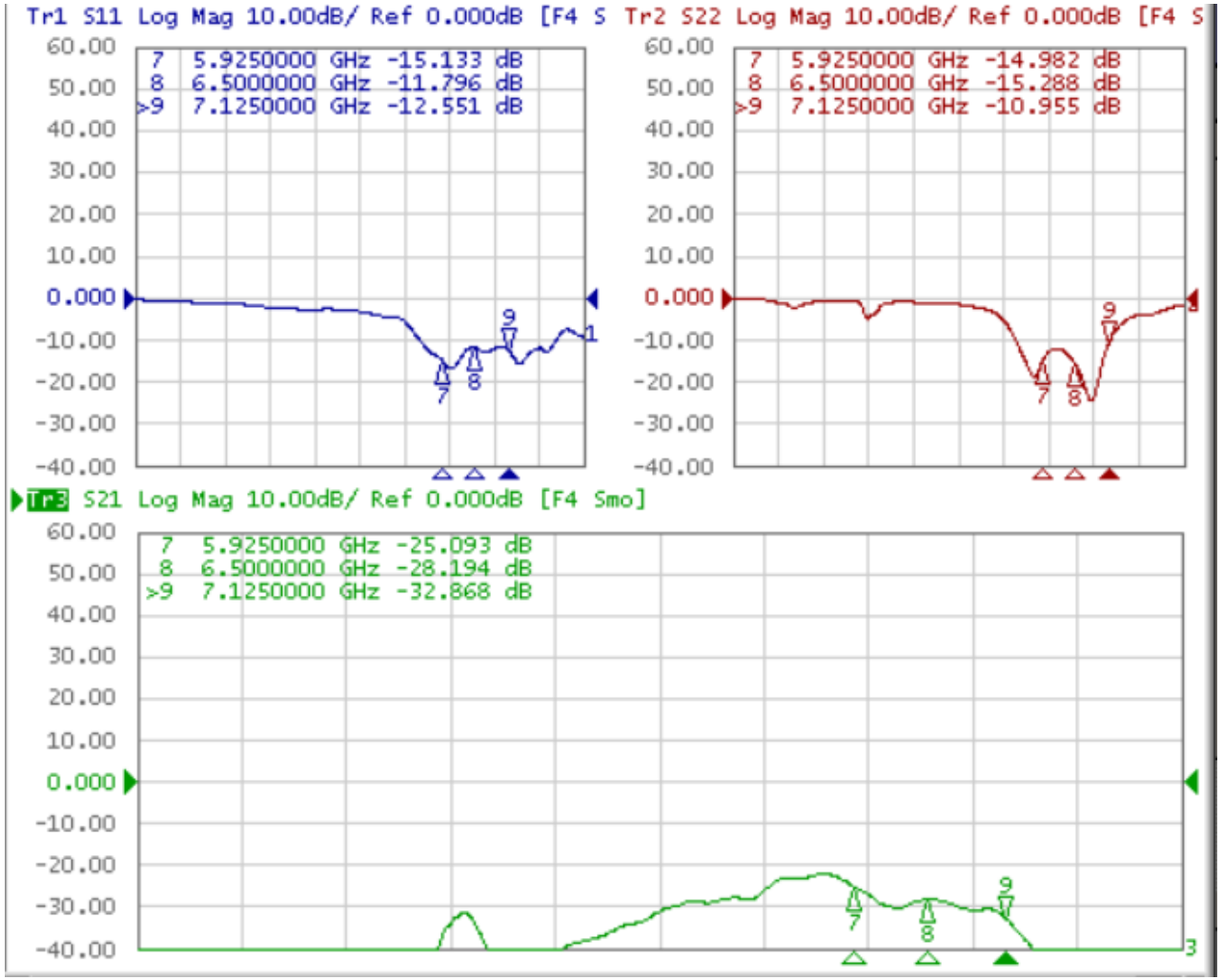


ANTENNA RETURN LOSS OF DB



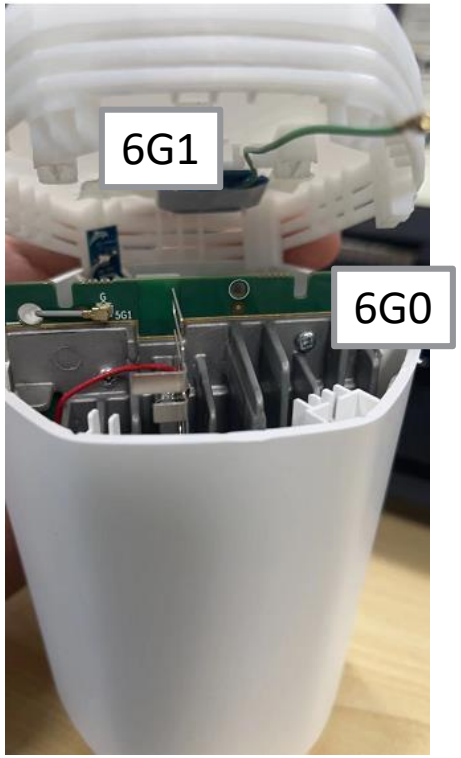


ANTENNA RETURN LOSS AND ISOLATION OF THE 6G

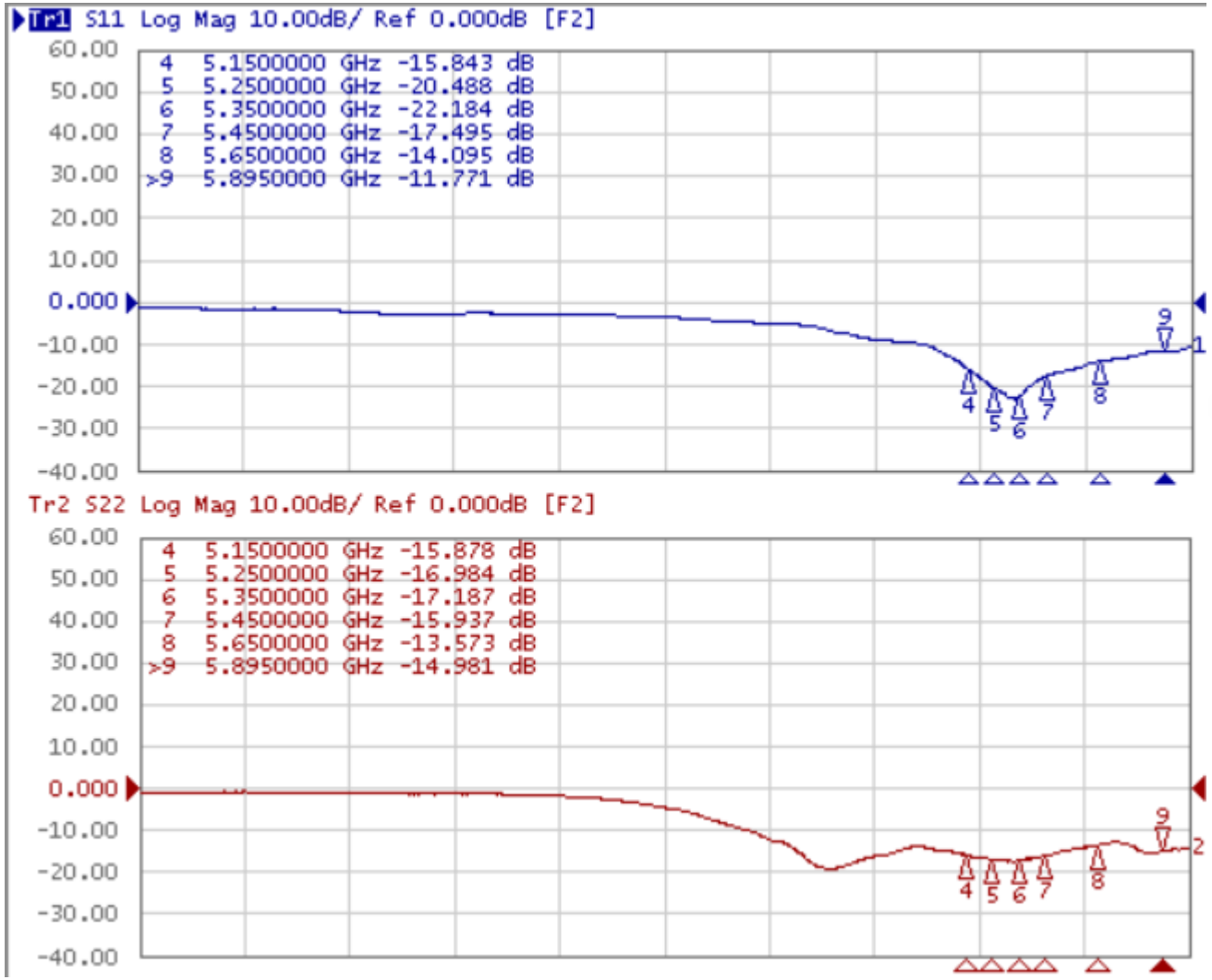


Port1=6G0

Port2=6G1

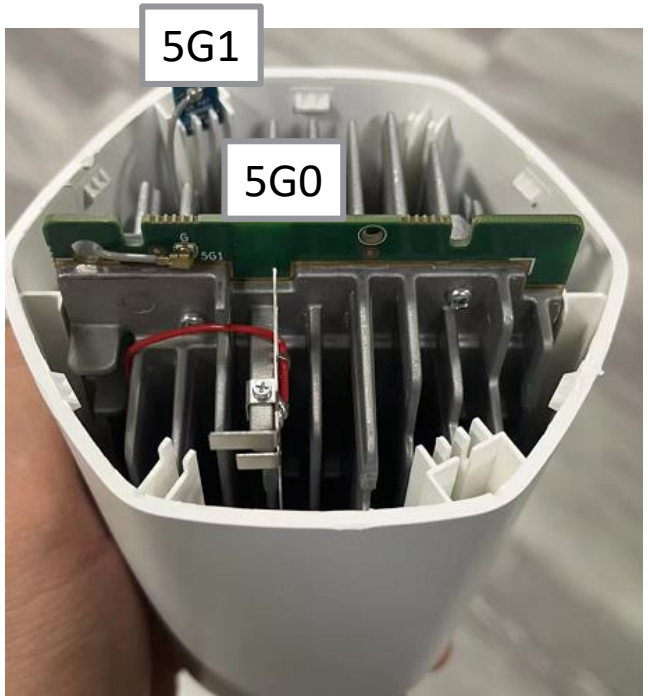


ANTENNA RETURN LOSS OF THE 5G0 AND 5G1

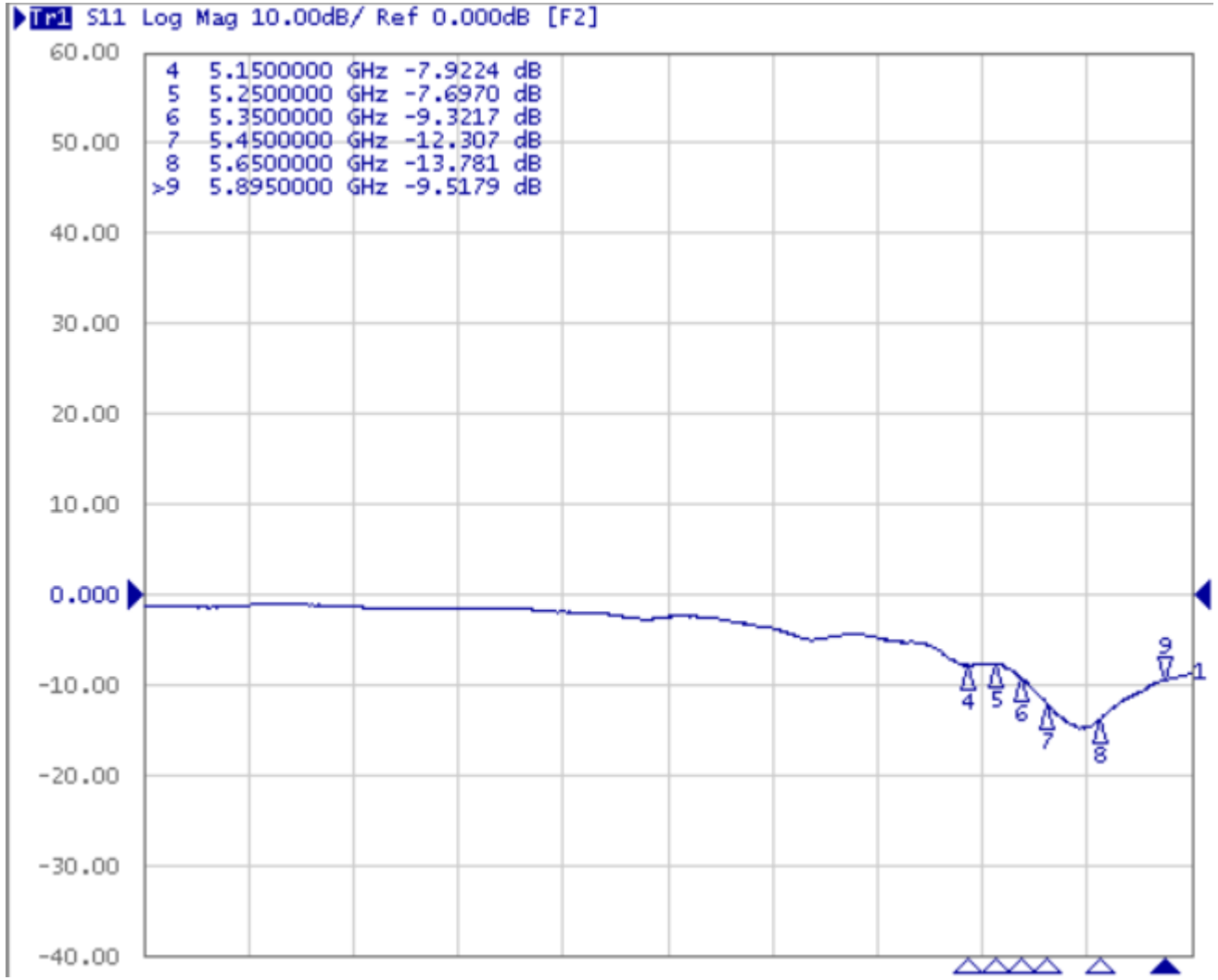


Port1=5G0

Port2=5G1

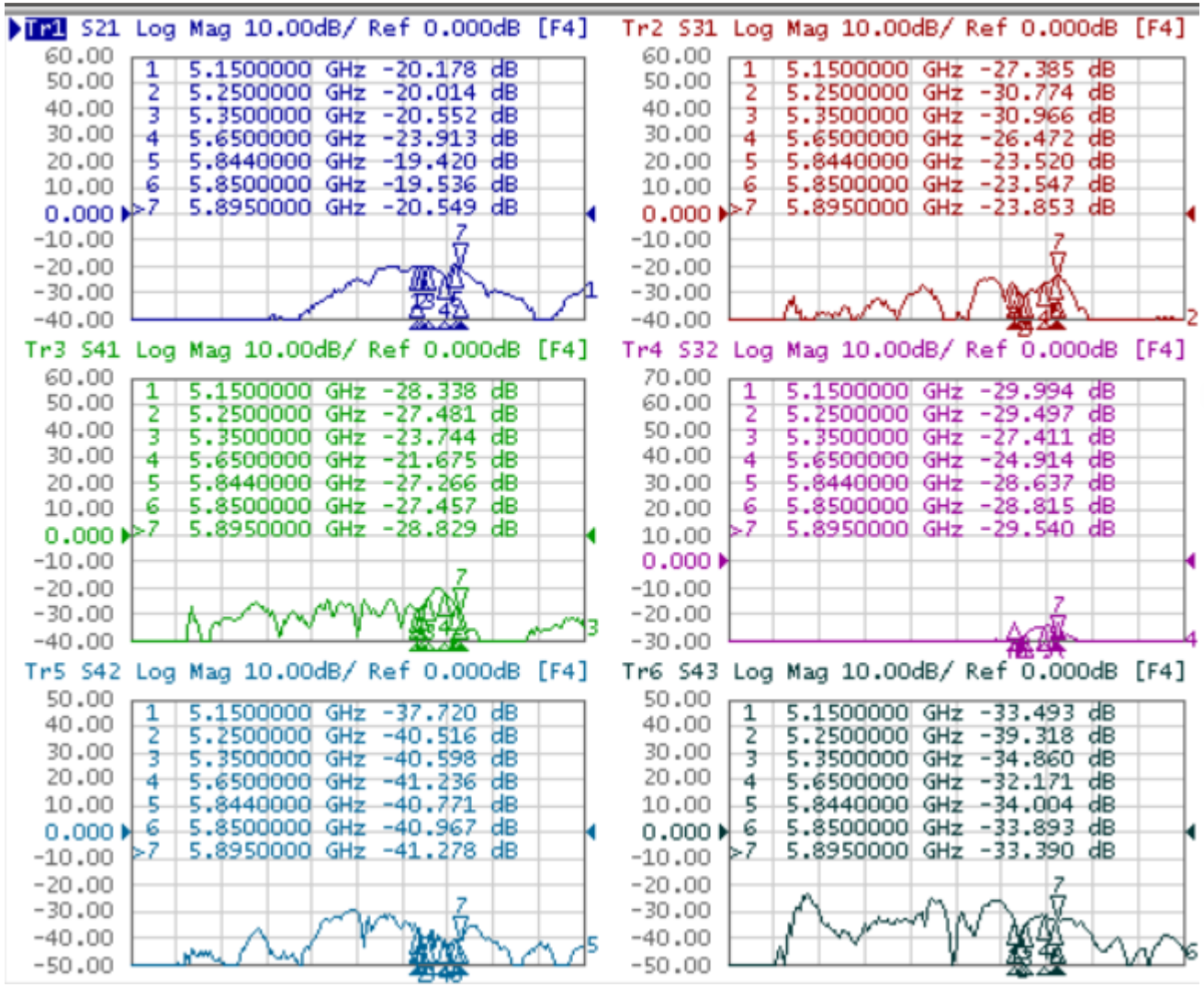


ANTENNA RETURN LOSS OF THE 5G2

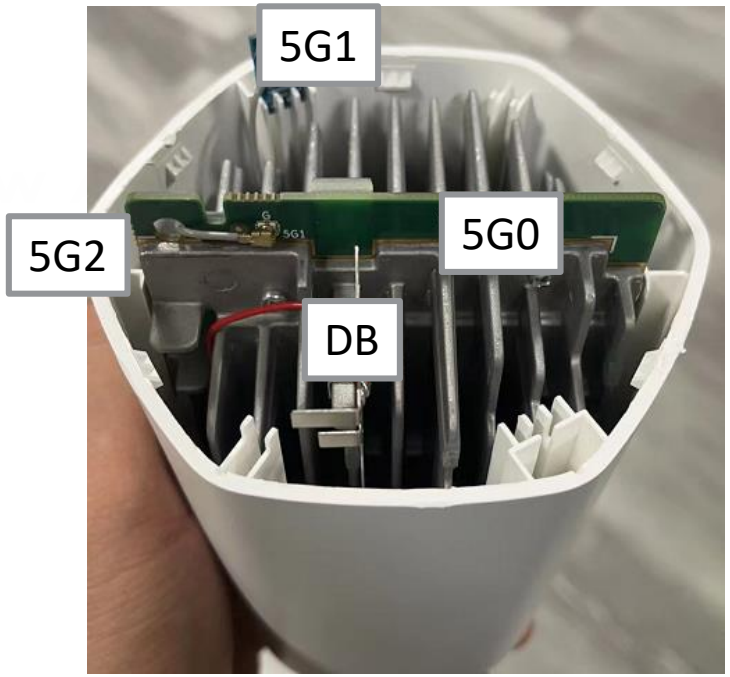


5G2

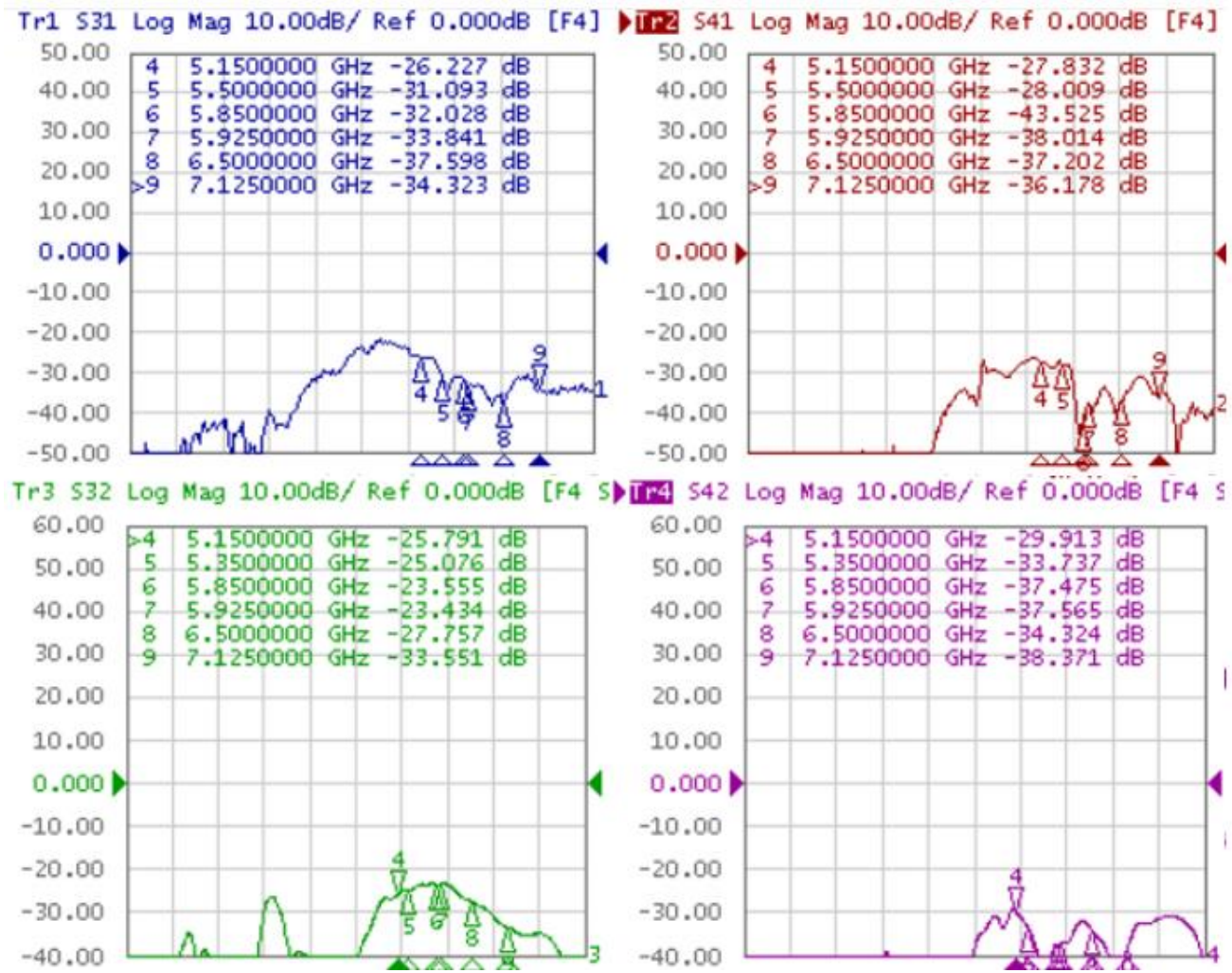
ANTENNA ISOLATION OF THE 5G



Port1=5G0	Port2=5G1	Port3=5G2	Port4=DB



ANTENNA ISOLATION BETWEEN 6G AND 5G

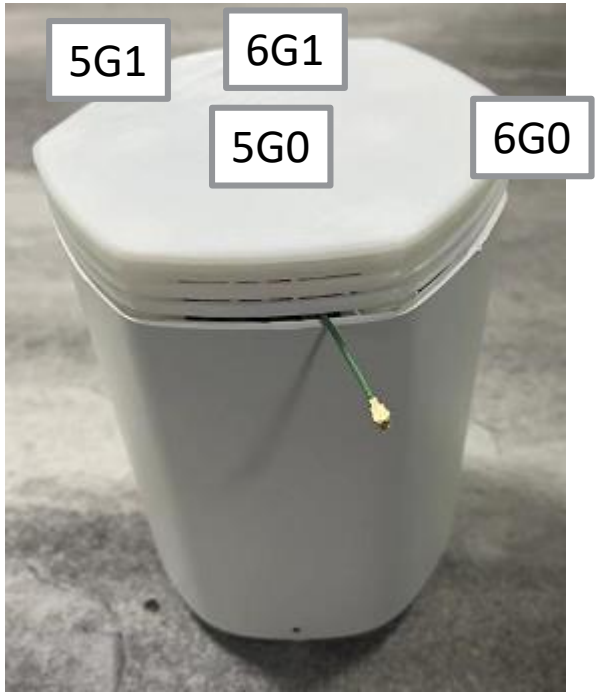


Port1=6G0

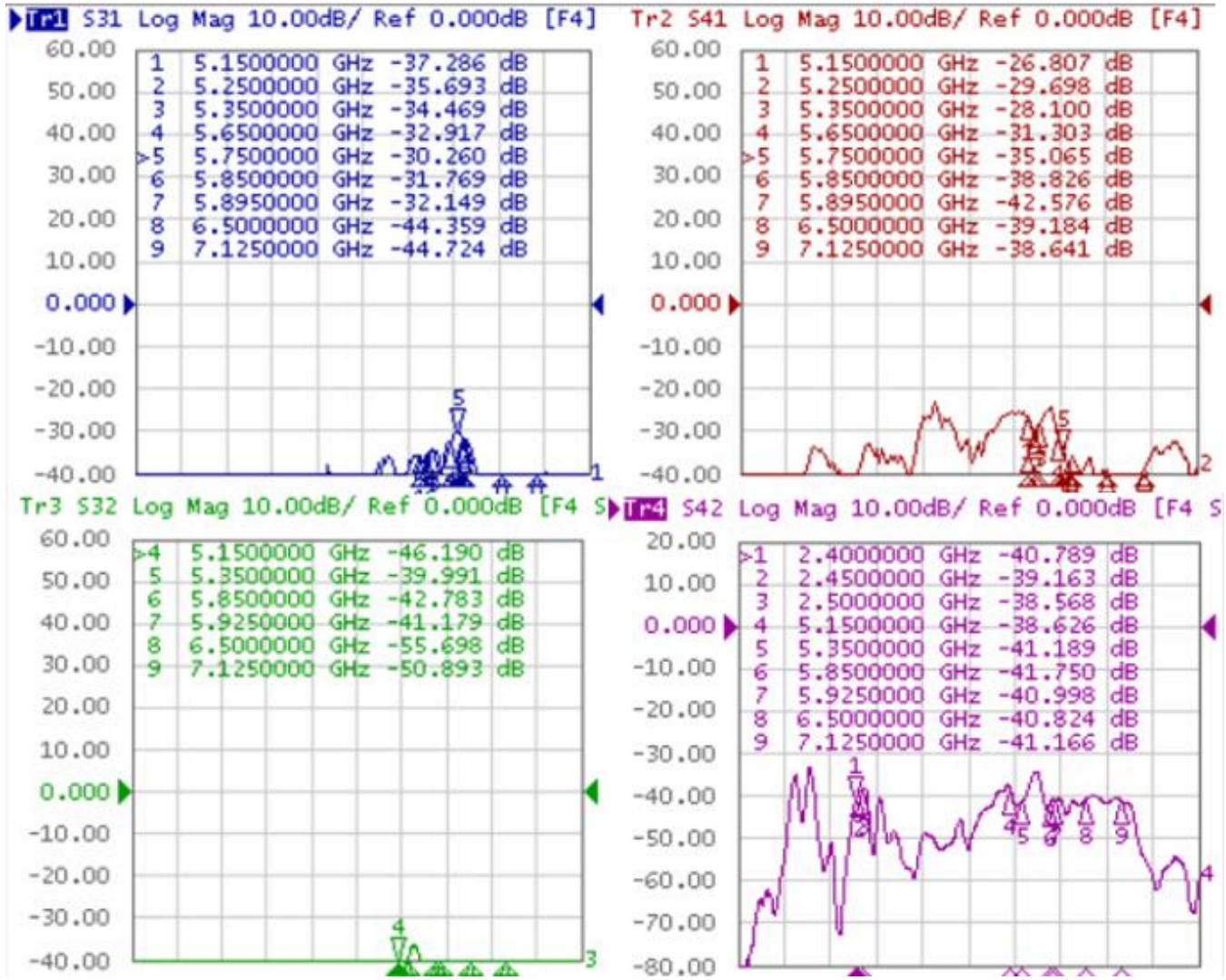
Port2=6G1

Port3=5G0

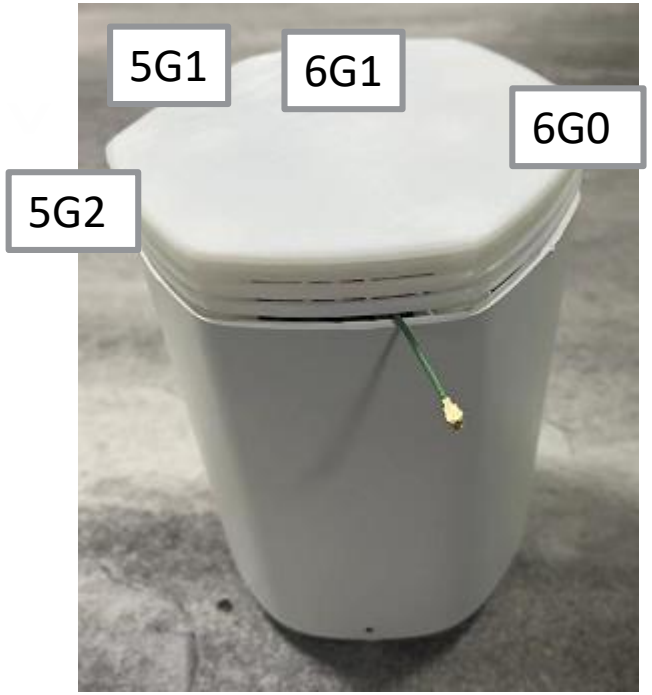
Port4=5G1



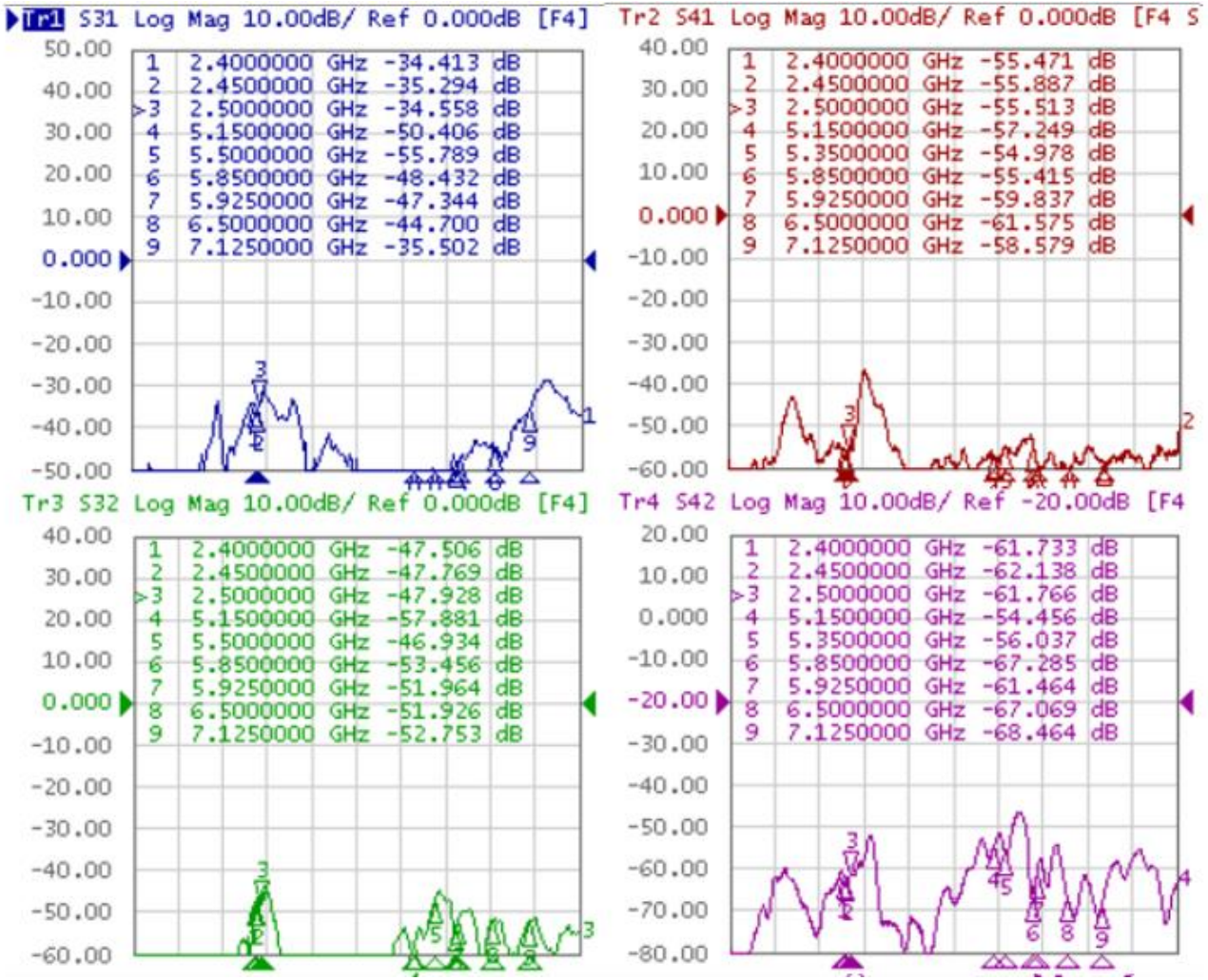
ANTENNA ISOLATION BETWEEN 6G AND 5G2/DB



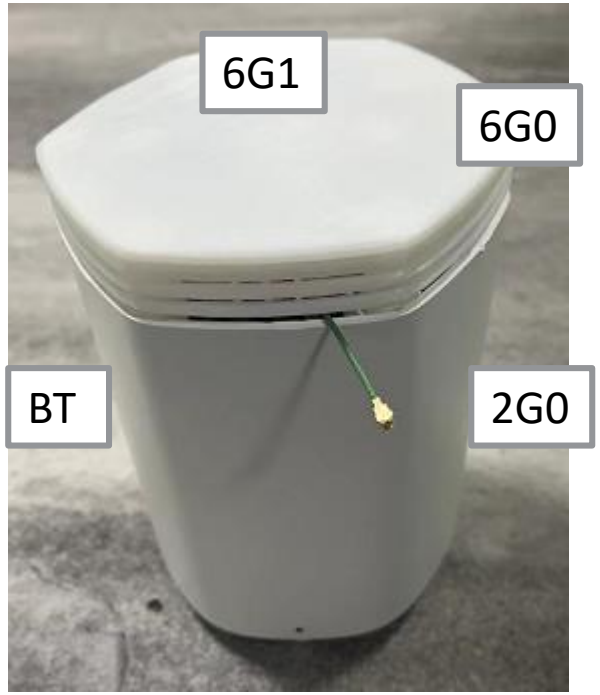
Port1=6G0	Port2=6G1
Port3=5G2	Port4=DB



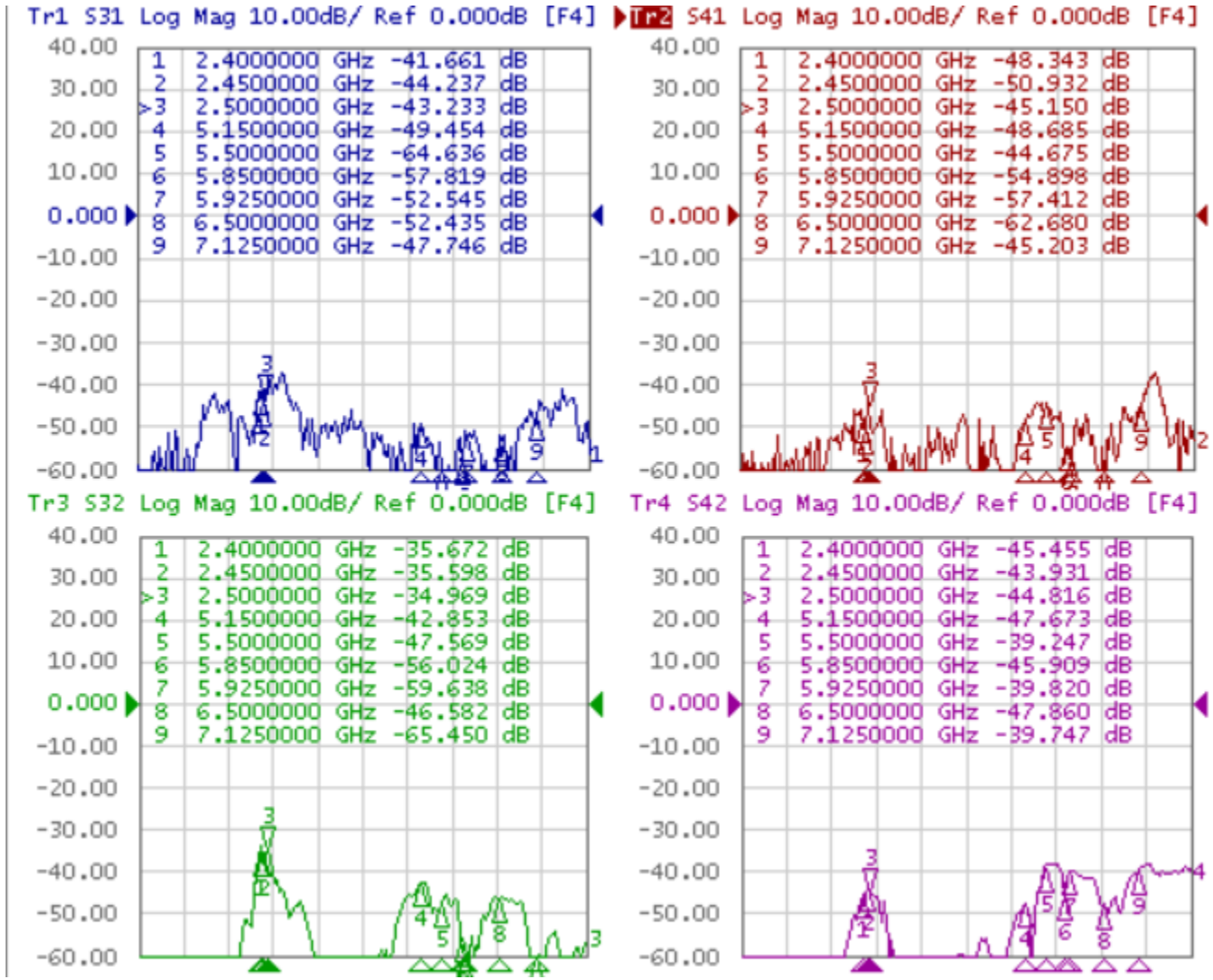
ANTENNA ISOLATION BETWEEN 2G0,BT AND 6G



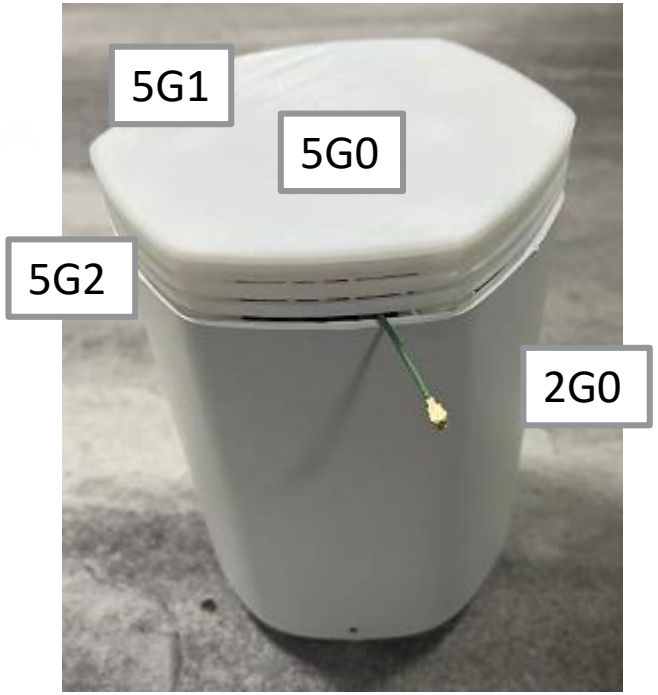
Port1=2G0	Port2=BT
Port3=6G0	Port4=6G1



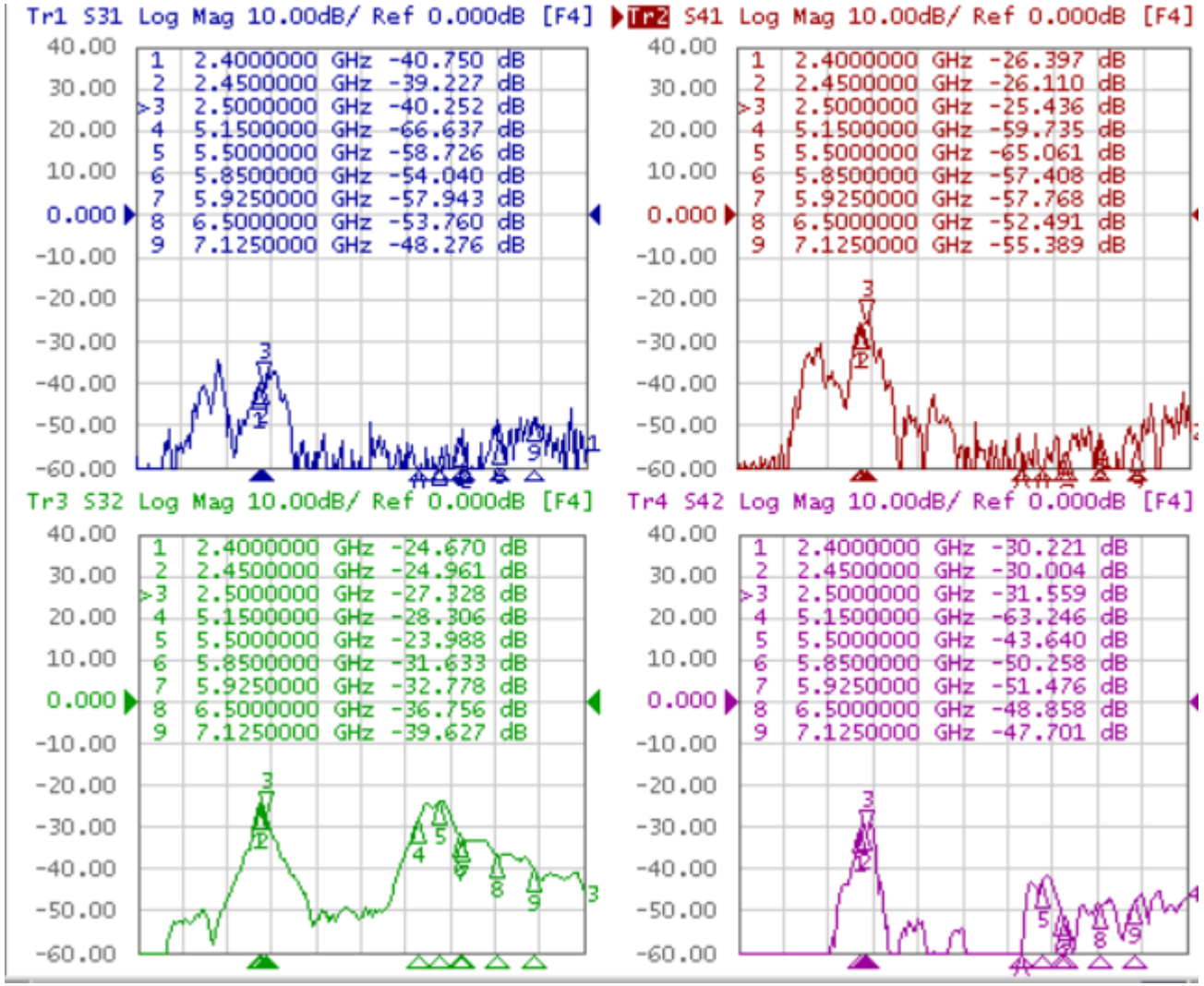
ANTENNA ISOLATION BETWEEN 2G0/BT AND 5G



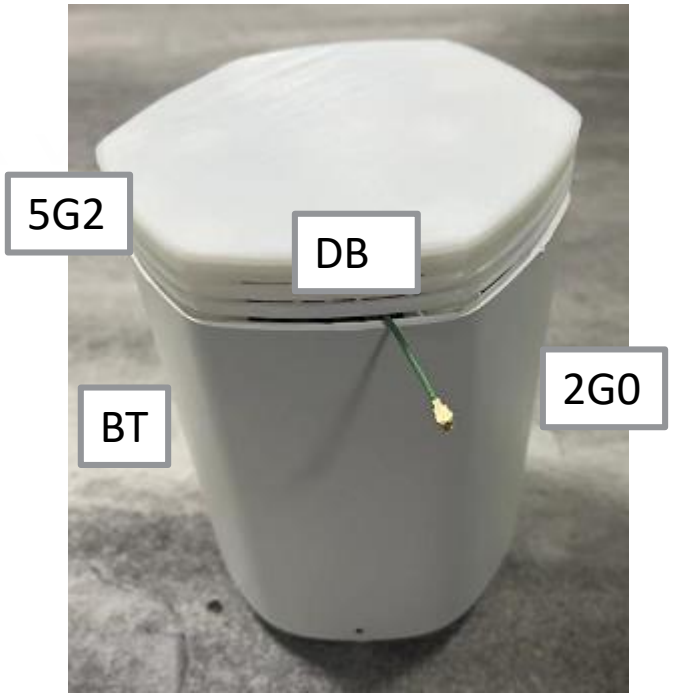
Port1=2G0	Port2=BT
Port3=5G0	Port4=5G1



ANTENNA ISOLATION BETWEEN 2G0/BT AND 5G/DB



Port1=2G0	Port2=BT
Port3=5G2	Port4=DB



ANTENNA PEAK GAIN AND EFFICIENCY

	Freq(MHz)	Peak Gain(dBi)	Directivity (dB)	Efficiency (%)
2G0	2400	3.5	5.7	61.7
	2450	3.2	5.5	61.1
	2500	3.8	5.9	63.8
	AVG			62.2

	Freq(MHz)	Peak Gain(dBi)	Directivity (dB)	Efficiency(%)
DB	2400	4	6.1	61.3
	2450	4.1	6.2	62.4
	2500	4.1	6.2	60.8
	AVG			61.5

	Freq(MHz)	Peak Gain(dBi)	Directivity(dB)	Efficiency(%)
BT	2400	0.9	4.9	39.3
	2450	0.9	5.1	38.3
	2500	0.7	5.0	37.3
	AVG			38.3

	Freq(MHz)	Peak Gain(dBi)	Directivity (dB)	Efficiency(%)
DB	5150	3.67	5.70	62.67
	5350	4.02	5.87	65.24
	5500	3.89	5.65	66.67
	5725	4.53	6.39	65.10
	5825	5.03	6.97	64.00
	AVG			64.7

ANTENNA PEAK GAIN AND EFFICIENCY

	Freq(MHz)	Peak Gain(dBi)	Directivity(dB)	Efficiency (%)
6G0	5925	4.7	6.7	63.5
	6225	4.3	5.7	72.8
	6325	3.6	5.3	67.2
	6575	4.2	5.8	69.3
	7125	3.9	6.1	60.2
	AVG			66.6

	Freq(MHz)	Peak Gain(dBi)	Directivity(dB)	Efficiency (%)
6G1	5925	3.4	5.4	62.8
	6225	3.1	5.2	61.5
	6325	3.6	5.7	60.5
	6575	4.2	6.0	67.3
	7125	3.2	5.5	60.0
	AVG			62.4

ANTENNA PEAK GAIN AND EFFICIENCY

	Freq (MHz)	Peak Gain(dBi)	Directivity (dB)	Efficiency (%)
5G0	5150	4.3	6.3	64.0
	5350	4.6	6.2	70.3
	5500	4.8	6.8	63.1
	5725	3.7	5.4	66.6
	5825	3.6	5.8	59.3
	AVG			64.7

	Freq (MHz)	Peak Gain(dBi)	Directivity (dB)	Efficiency (%)
5G1	5150	4.3	6.0	67.4
	5350	6.2	7.4	75.1
	5500	5.6	6.8	70.5
	5725	5.2	6.4	75.1
	5825	4.3	6.9	71.1
	AVG			71.8

	Freq (MHz)	Peak Gain(dBi)	Directivity (dB)	Efficiency (%)
5G2	5150	3.5	7.3	41.9
	5350	4.3	7.3	50.7
	5500	4.8	7.6	47.4
	5725	4.2	7.2	51.5
	5825	3.9	7.0	49.2
	AVG			48.1

2GHZ BAND HORIZONTAL, VERTICAL AND TOTAL CORRELATED/UNCORRELATED GAIN

	Degree(°)		Gain(dBi)		Correlated Gain(dBi)-V-Pol
Frequency(MHz)	Theta	Phi	2GO	DB	
2400	270	15	2.71	-3.46	3.17
2450	270	15	2.32	-3.49	2.90
2500	300	60	2.40	-4.68	2.57

	Degree(°)		Gain(dBi)		UnCorrelated Gain(dBi)-V-Pol
Frequency(MHz)	Theta	Phi	2GO	DB	
2400	270	15	2.71	-3.46	0.64
2450	120	90	-12.87	3.48	0.57
2500	120	90	-19.67	3.47	0.48

	Degree(°)		Gain(dBi)		Correlated Gain(dBi)-H-Pol
Frequency(MHz)	Theta	Phi	2GO	DB	
2400	120	45	-5.53	-1.75	-0.43
2450	120	45	-6.35	-1.32	-0.46
2500	120	45	-7.81	-1.07	-0.79

	Degree(°)		Gain(dBi)		Uncorrelated Gain(dBi)-H-Pol
Frequency(MHz)	Theta	Phi	2GO	DB	
2400	120	45	-5.53	-1.75	-3.24
2450	120	45	-6.35	-1.32	-3.14
2500	120	45	-7.81	-1.07	-3.24

	Degree(°)		Gain(dBi)		Correlated Gain(dBi)-Total
Frequency(MHz)	Theta	Phi	2GO	DB	
2400	270	0	2.31	0.50	4.46
2450	270	0	1.93	0.48	4.25
2500	90	165	0.11	1.49	3.84

	Degree(°)		Gain(dBi)		Uncorrelated(dBi)-Total
Frequency(MHz)	Theta	Phi	2GO	DB	
2400	270	15	3.21	-1.12	1.56
2450	270	0	1.93	0.48	1.27
2500	300	45	3.80	-4.17	1.43

5GHZ BAND HORIZONTAL, VERTICAL AND TOTAL CORRELATED/UNCORRELATED GAIN

	Degree(°)		Gain(dBi)				Correlated Gain(dBi)-V-Pol
Frequency(MHz)	Theta	Phi	5G0	5G1	5G2	DB	
5150	75	15	0.25	-3.13	-0.56	1.41	5.67
5350	90	15	-0.94	-1.63	-2.96	2.04	5.35
5500	285	165	-0.73	1.66	-0.57	-1.26	5.87
5725	90	15	-0.19	-0.67	-6.56	3.16	5.61
5825	90	15	0.18	-3.04	-6.83	3.89	5.45

	Degree(°)		Gain(dBi)				Uncorrelated Gain(dBi)-V-Pol
Frequency(MHz)	Theta	Phi	5G0	5G1	5G2	DB	
5150	240	0	-1.33	3.59	-11.12	0.56	0.25
5350	285	60	-4.23	5.55	-17.23	-4.49	0.35
5500	285	60	-1.05	4.93	-16.45	-4.27	0.31
5725	90	15	-0.19	-0.67	-6.56	3.16	0.12
5825	90	15	0.18	-3.04	-6.83	3.89	0.21

	Degree(°)		Gain(dBi)				Correlated Gain(dBi)-H-Pol
Frequency(MHz)	Theta	Phi	5G0	5G1	5G2	DB	
5150	15	45	-10.21	-5.18	-1.82	0.66	2.76
5350	210	150	1.85	-6.86	-3.81	-3.69	3.49
5500	225	15	1.97	-5.19	-8.44	-1.69	3.54
5725	345	165	-4.14	0.82	-1.23	2.78	5.94
5825	345	165	-4.00	-0.80	-1.20	2.59	5.49

	Degree(°)		Gain(dBi)				UnCorrelated Gain(dBi)-H-Pol
Frequency(MHz)	Theta	Phi	5G0	5G1	5G2	DB	
5150	345	135	-9.68	-13.60	2.14	-3.00	-2.43
5350	300	120	-5.67	-7.43	3.27	-8.17	-1.66
5500	300	135	-6.73	-7.76	3.88	-9.85	-1.36
5725	345	165	-4.14	0.82	-1.23	2.78	0.26
5825	345	165	-4.00	-0.80	-1.20	2.59	-0.22

	Degree(°)		Gain(dBi)				Correlated Gain(dBi)-Total
Frequency(MHz)	Theta	Phi	5G0	5G1	5G2	DB	
5150	90	0	-0.15	0.87	0.88	2.82	7.19
5350	285	165	0.70	0.76	3.22	1.33	7.58
5500	285	165	0.35	2.68	2.78	1.33	7.86
5725	345	165	-1.45	2.18	1.69	4.53	8.01
5825	345	165	-0.40	0.62	1.38	5.03	7.93

	Degree(°)		Gain(dBi)				Uncorrelated(dBi)-Total
Frequency(MHz)	Theta	Phi	5G0	5G1	5G2	DB	
5150	240	0	2.61	4.29	-9.30	1.74	1.85
5350	285	165	0.70	0.76	3.22	1.33	1.63
5500	225	15	4.81	2.70	-7.24	2.31	2.29
5725	345	165	-1.45	2.18	1.69	4.53	2.23
5825	345	165	-0.40	0.62	1.38	5.03	2.19

6GHZ BAND HORIZONTAL, VERTICAL AND TOTAL CORRELATED/UNCORRELATED GAIN

	Degree(°)		Gain(dBi)		Correlated Gain(dBi)-V-Pol
Frequency(MHz)	Theta	Phi	6G0	6G1	
5925	210	45	0.35	-1.42	2.52
6225	210	15	0.77	-0.53	3.15
6325	225	15	1.70	-1.59	3.22
6575	225	15	1.05	0.12	3.61
7125	15	165	-0.91	-1.15	1.98

	Degree(°)		Gain(dBi)		UnCorrelated Gain(dBi)-V-Pol
Frequency(MHz)	Theta	Phi	6G0	6G1	
5925	255	0	2.17	-6.03	-0.23
6225	210	15	0.77	-0.53	0.17
6325	225	15	1.70	-1.59	0.36
6575	225	15	1.05	0.12	0.61
7125	15	165	-0.91	-1.15	-1.03

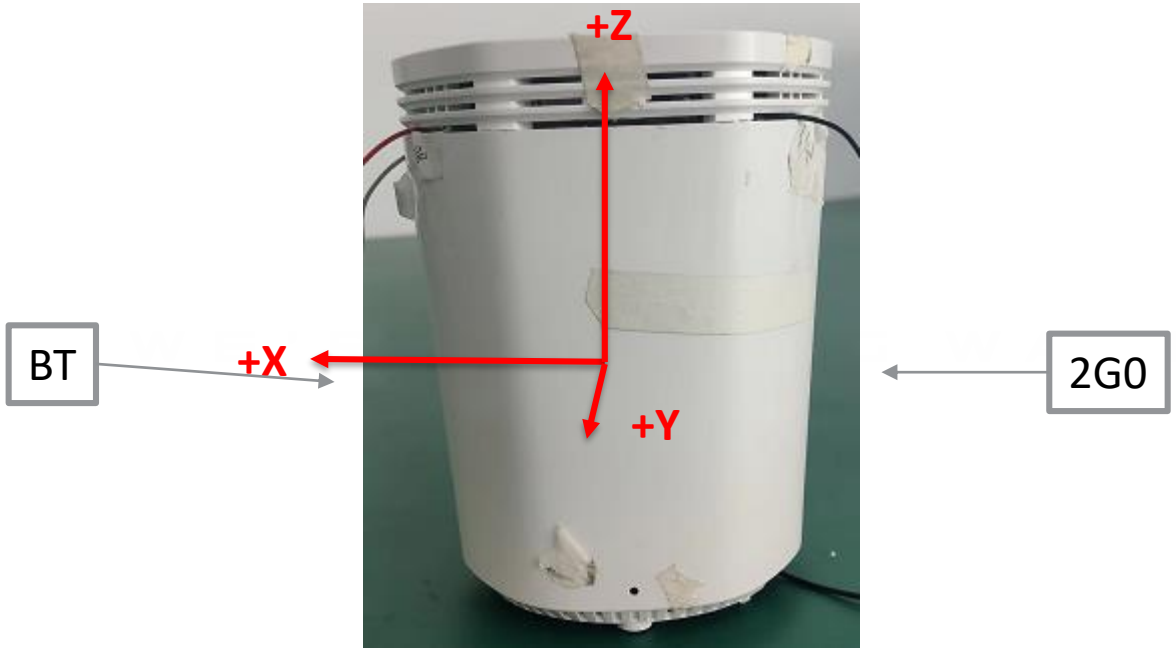
	Degree(°)		Gain(dBi)		Correlated Gain(dBi)-H-Pol
Frequency(MHz)	Theta	Phi	6G0	6G1	
5925	240	0	2.37	0.30	4.41
6225	240	0	1.33	1.36	4.35
6325	285	15	2.34	-1.33	3.71
6575	285	15	3.33	-1.60	4.22
7125	300	30	1.18	1.03	4.12

	Degree(°)		Gain(dBi)		UnCorrelated Gain(dBi)-H-Pol
Frequency(MHz)	Theta	Phi	6G0	6G1	
5925	240	0	2.37	0.30	1.46
6225	240	0	1.33	1.36	1.34
6325	285	15	2.34	-1.33	0.88
6575	285	15	3.33	-1.60	1.53
7125	300	30	1.18	1.03	1.11

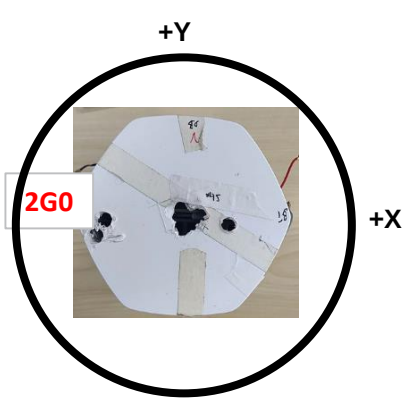
	Degree		Gain		Correlated Gain(dBi)-Total
Frequency(MHz)	Theta	Phi	6G0	6G1	
5925	240	0	4.24	1.69	6.07
6225	225	0	3.46	2.84	6.17
6325	225	0	3.62	3.56	6.60
6575	225	15	3.18	3.91	6.56
7125	300	30	3.94	1.11	5.65

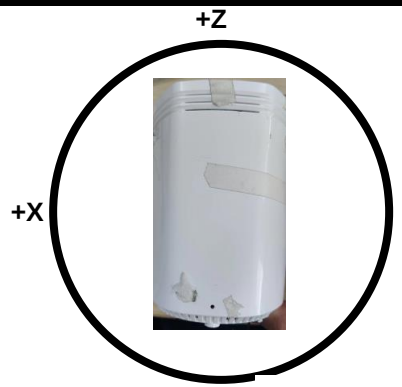
	Degree(°)		Gain(dBi)		Uncorrelated(dBi)-Total
Frequency(MHz)	Theta	Phi	6G0	6G1	
5925	240	0	4.24	1.69	3.15
6225	225	0	3.46	2.84	3.16
6325	225	0	3.62	3.56	3.59
6575	225	15	3.18	3.91	3.56
7125	300	30	3.94	1.11	2.75

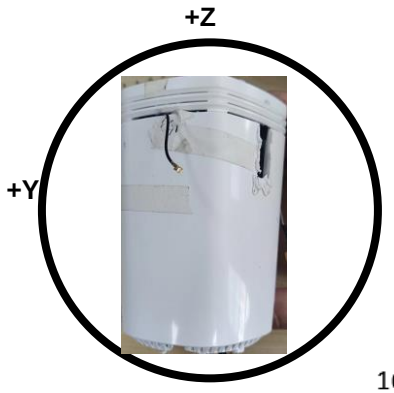
CHAMBER COORDINATES

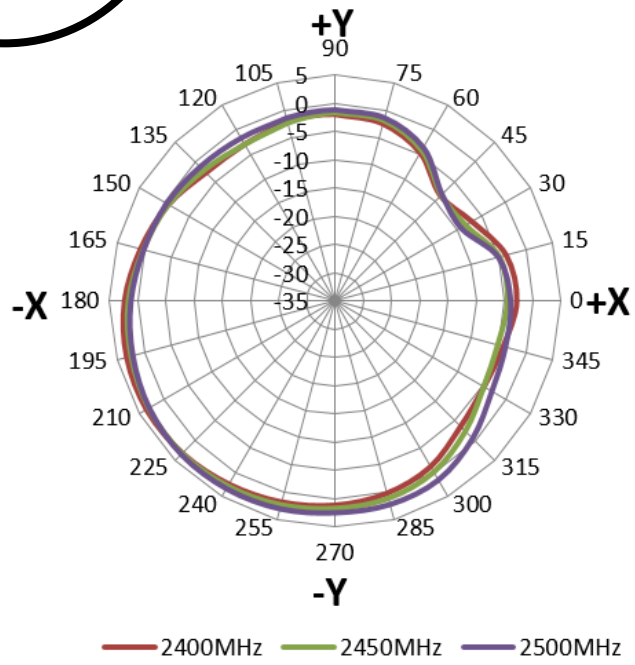


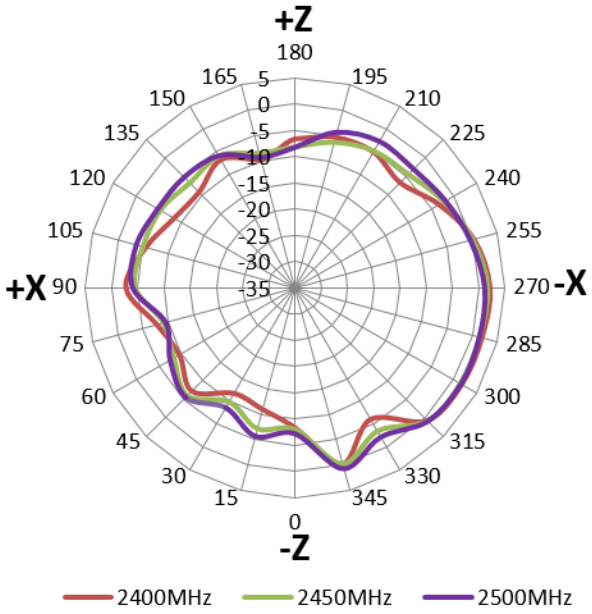
2G0 ANTENNA POWER SUM GAIN PATTERNS

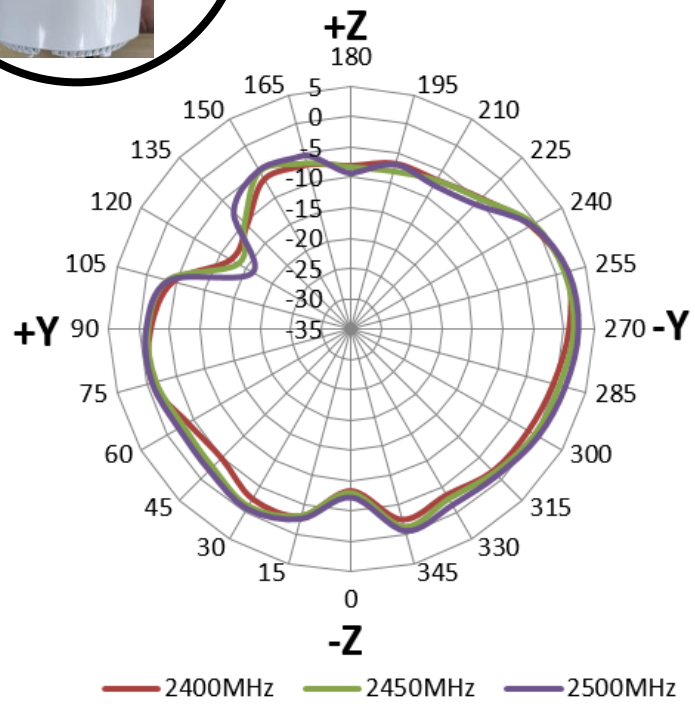




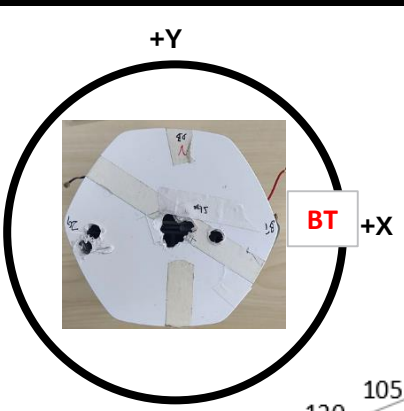


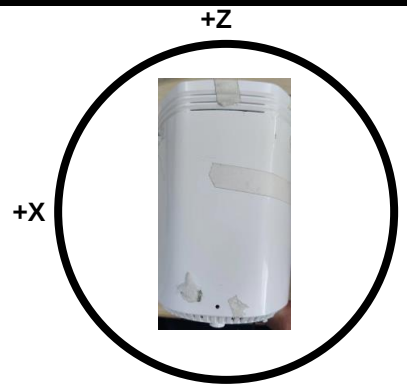


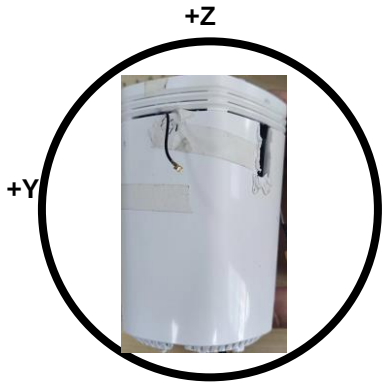


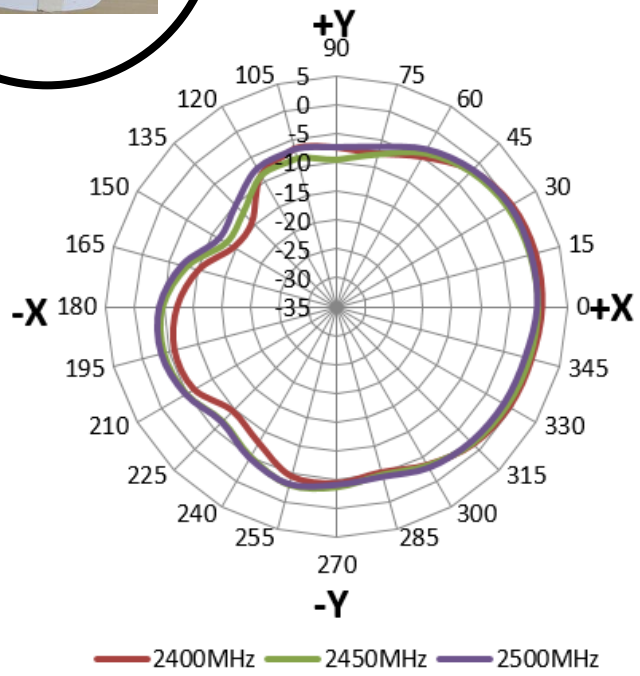


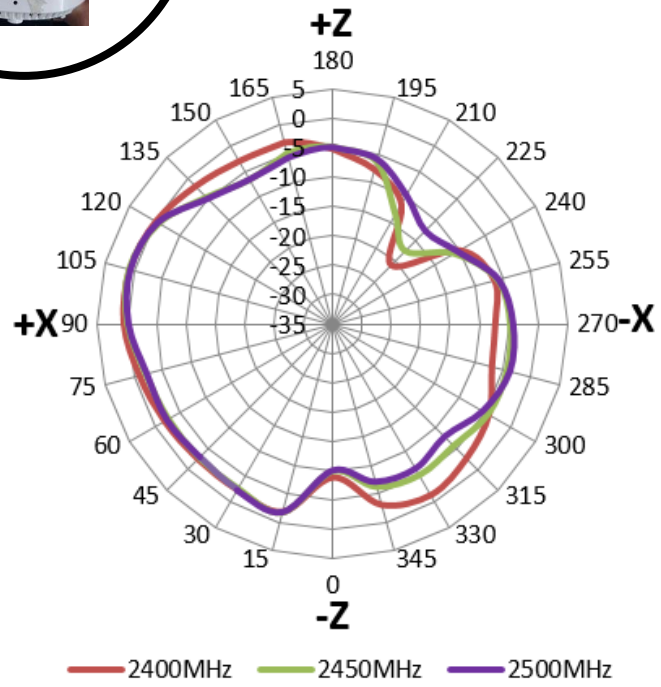
BT ANTENNA POWER SUM GAIN PATTERNS

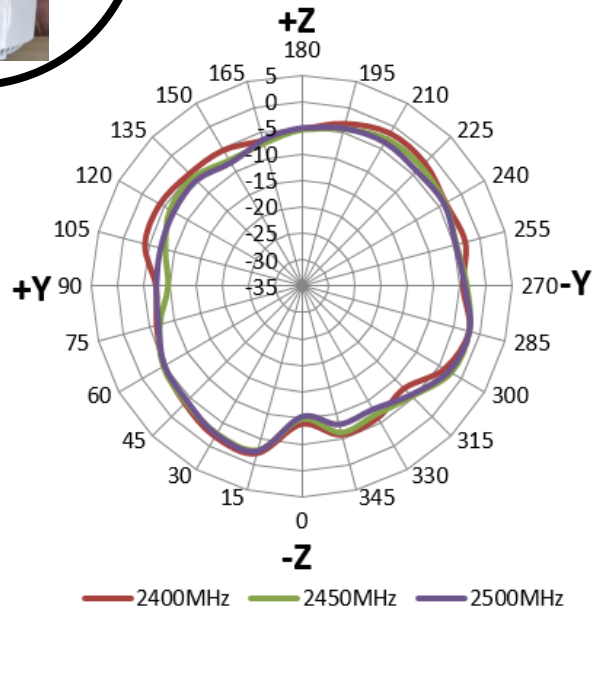




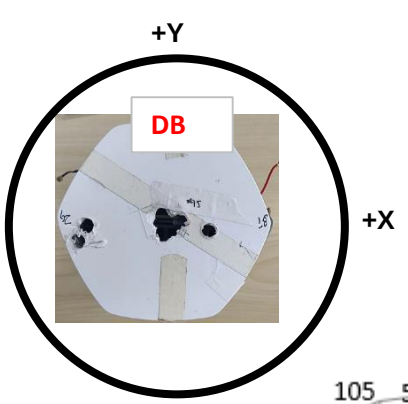


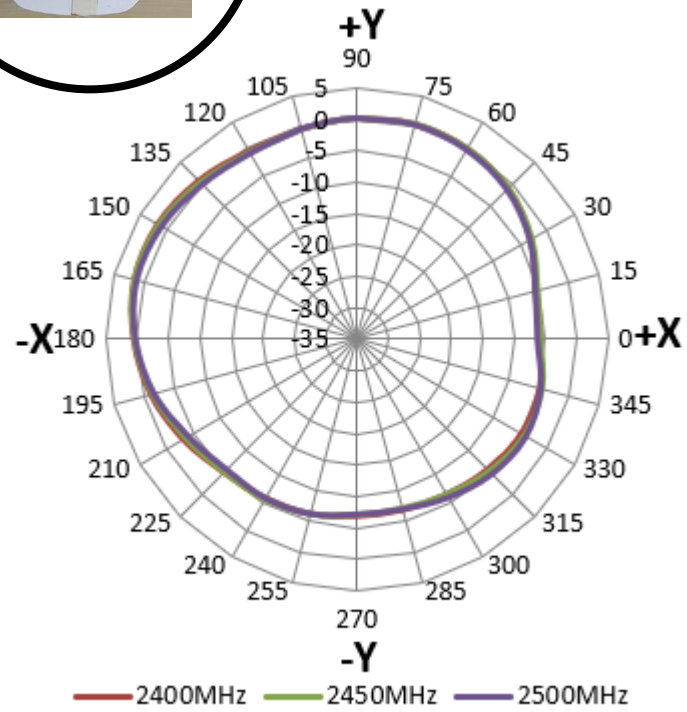


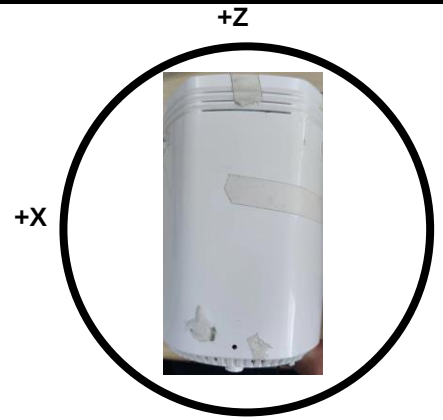


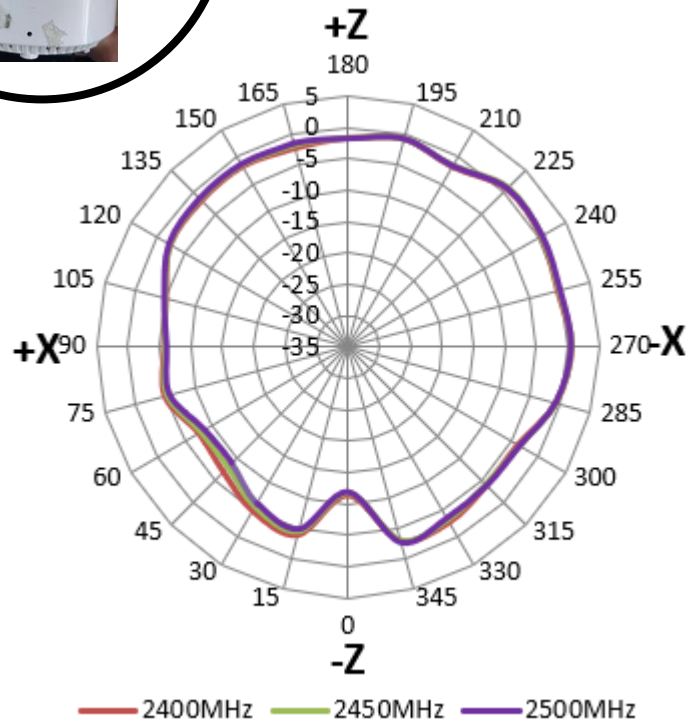


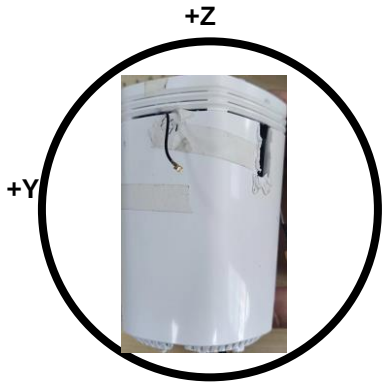
DB_2G BAND ANTENNA POWER SUM GAIN PATTERNS

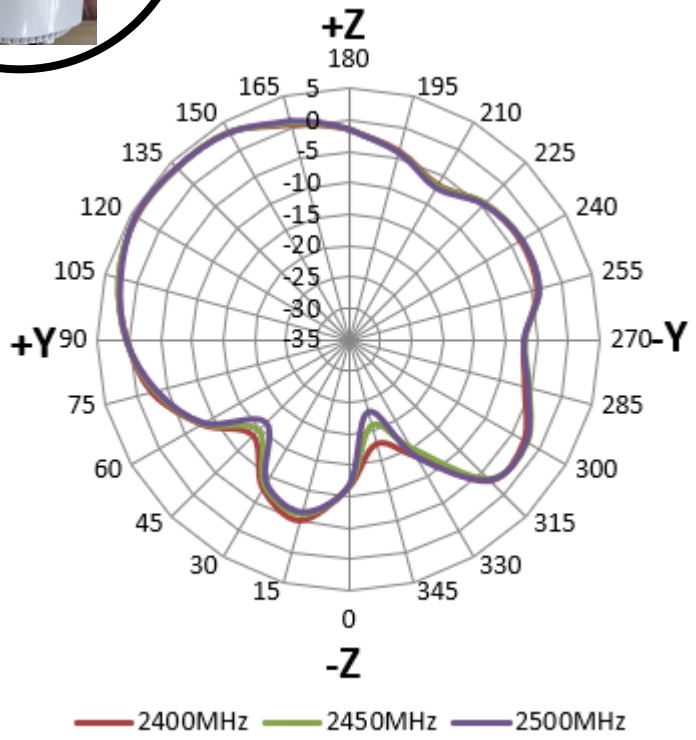




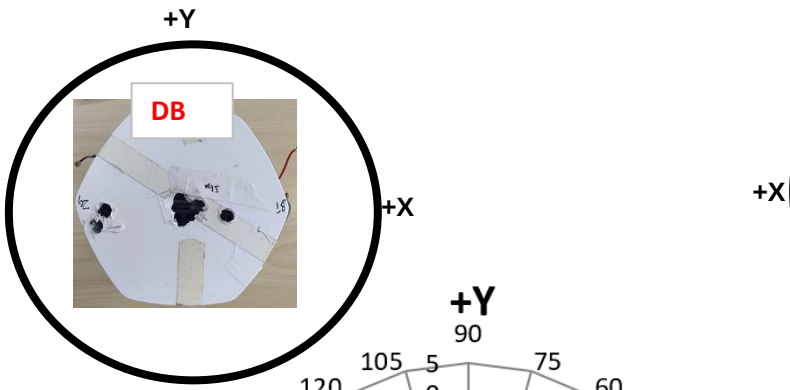


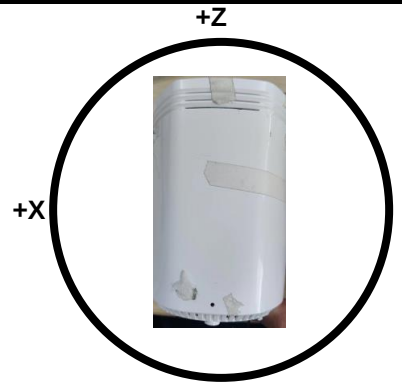


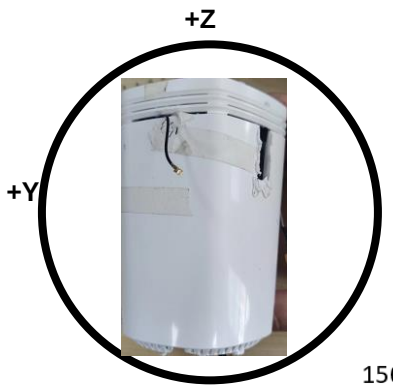


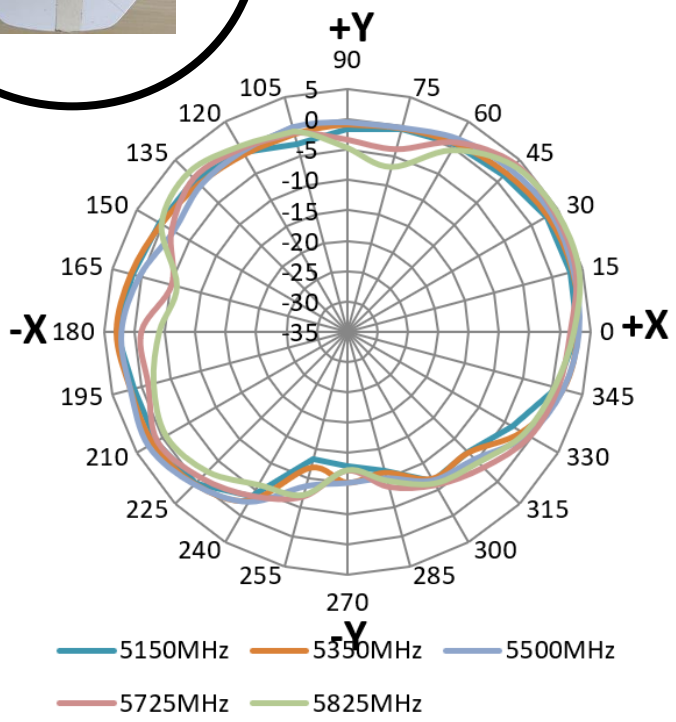


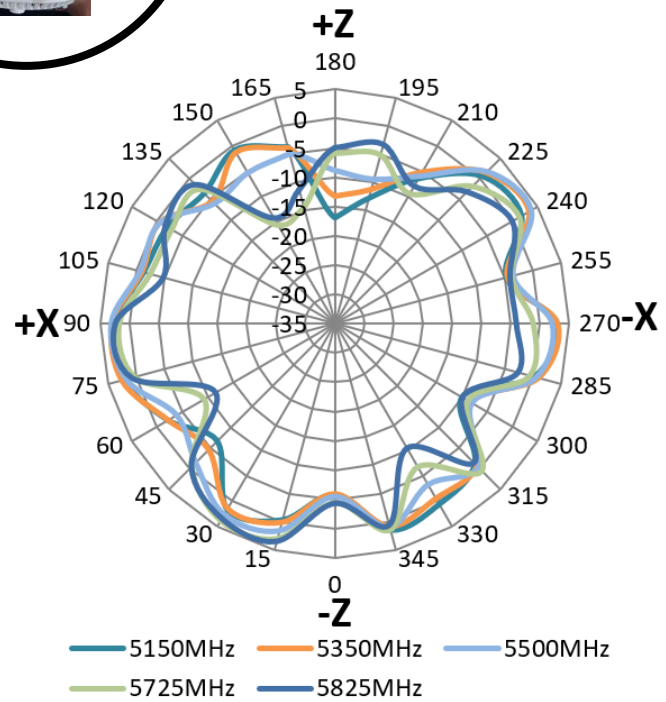
DB_5G BAND ANTENNA POWER SUM GAIN PATTERNS

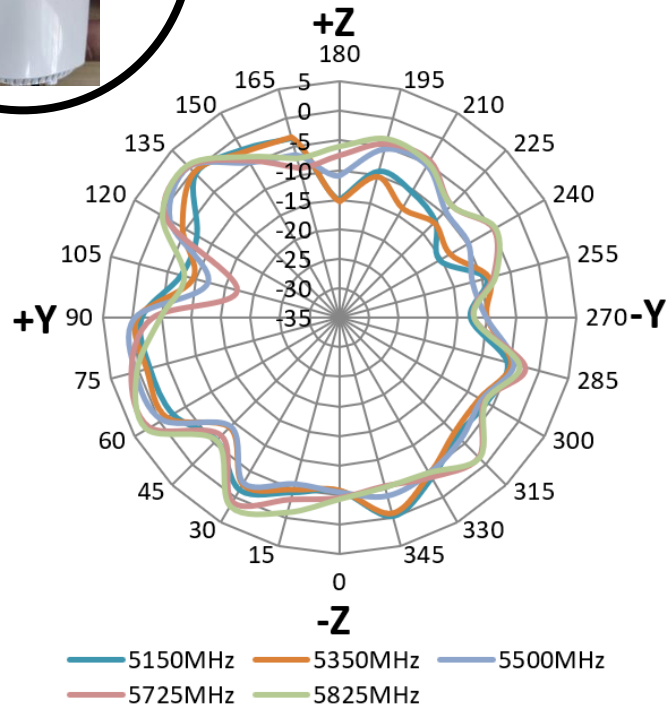




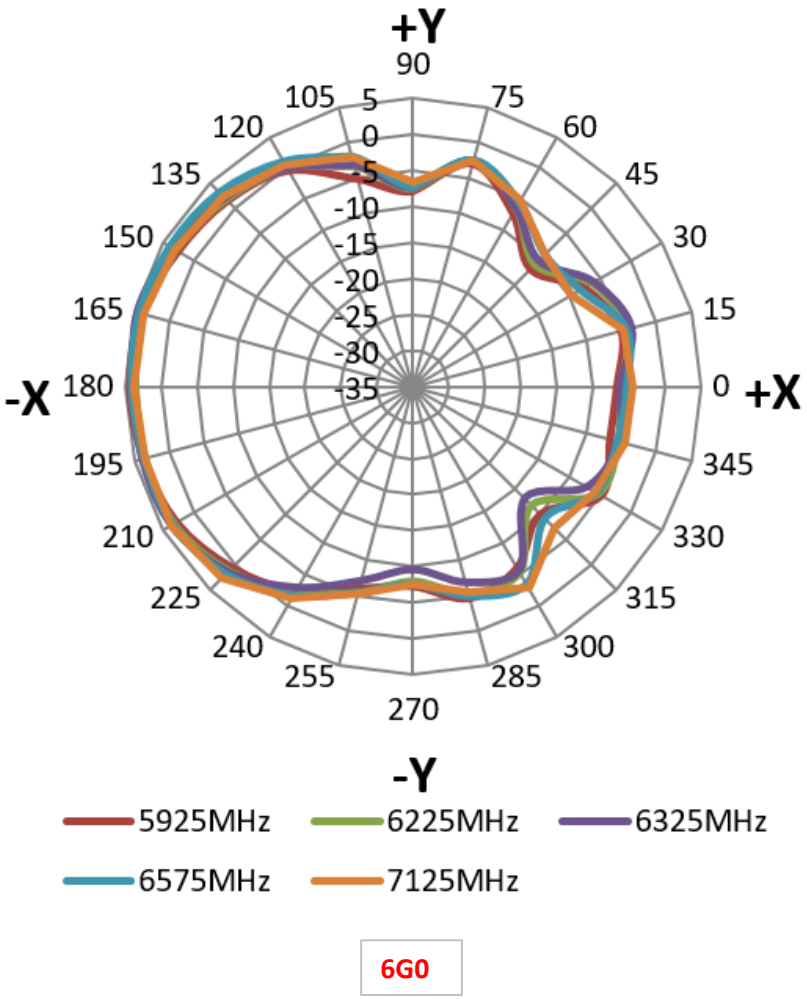




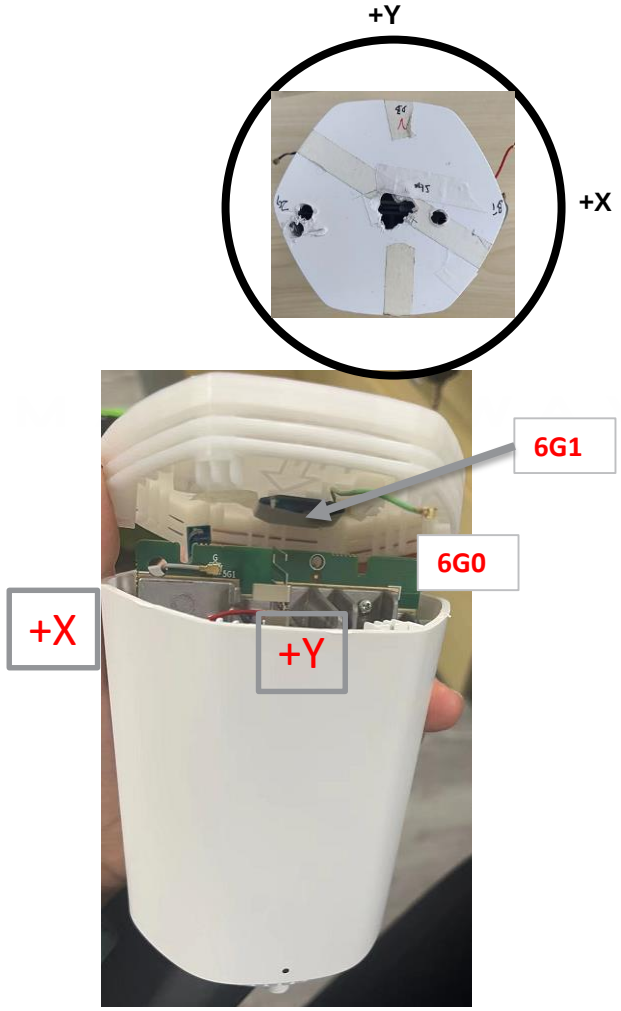


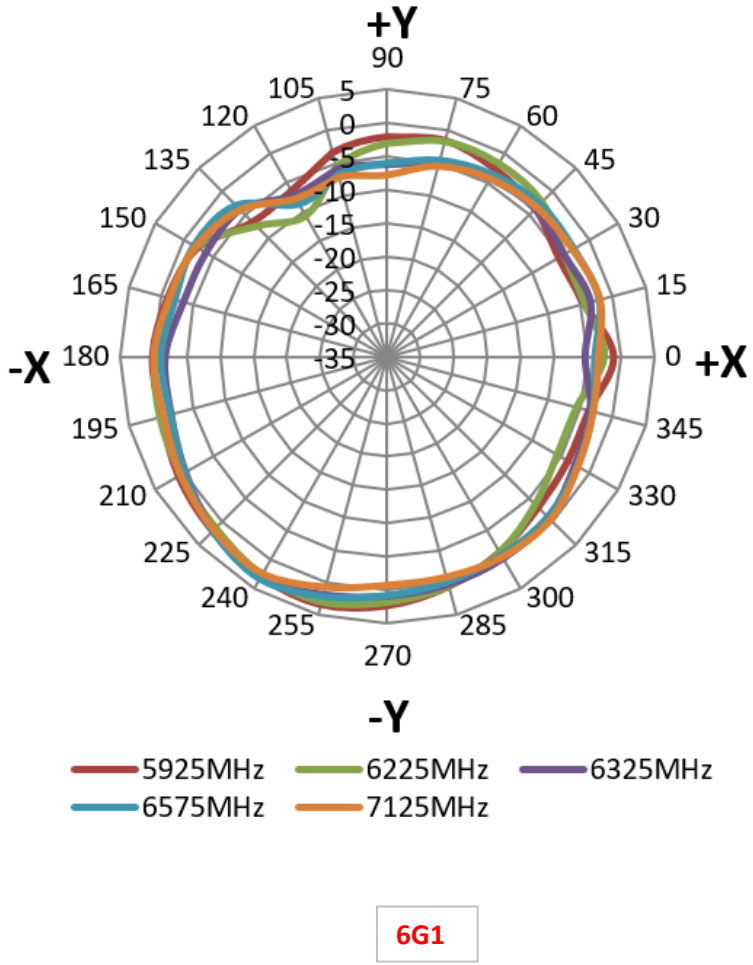


AZIMUTH CUT - POWER SUM 6G ANTENNAS



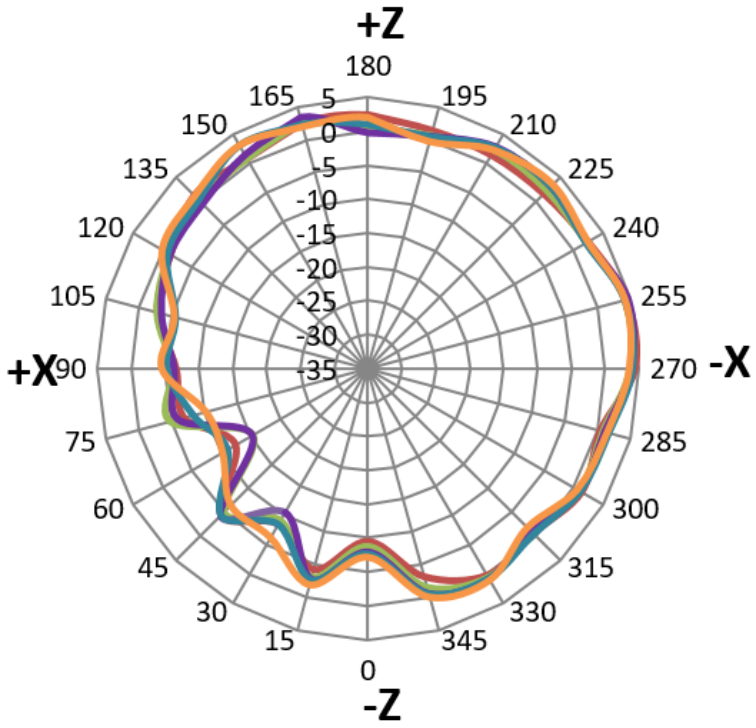
6G0



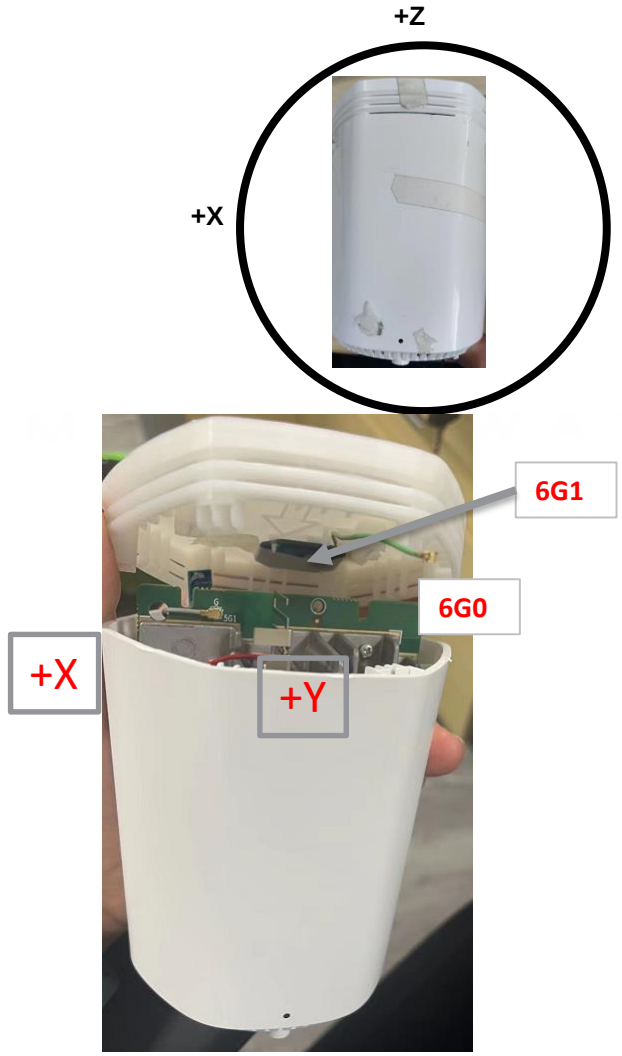


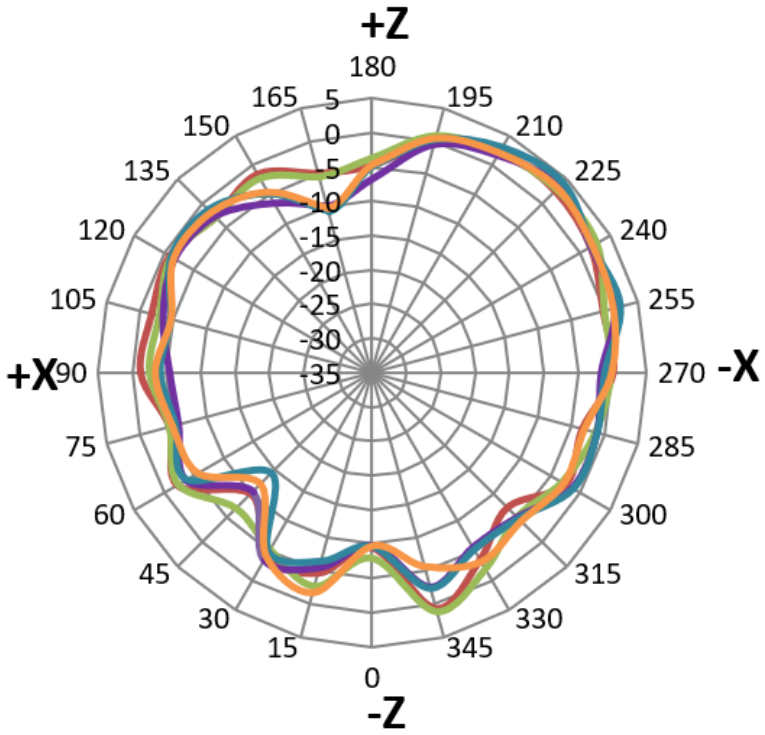
6G1

ELEVATION CUT XZ - POWER SUM 6G ANTENNAS



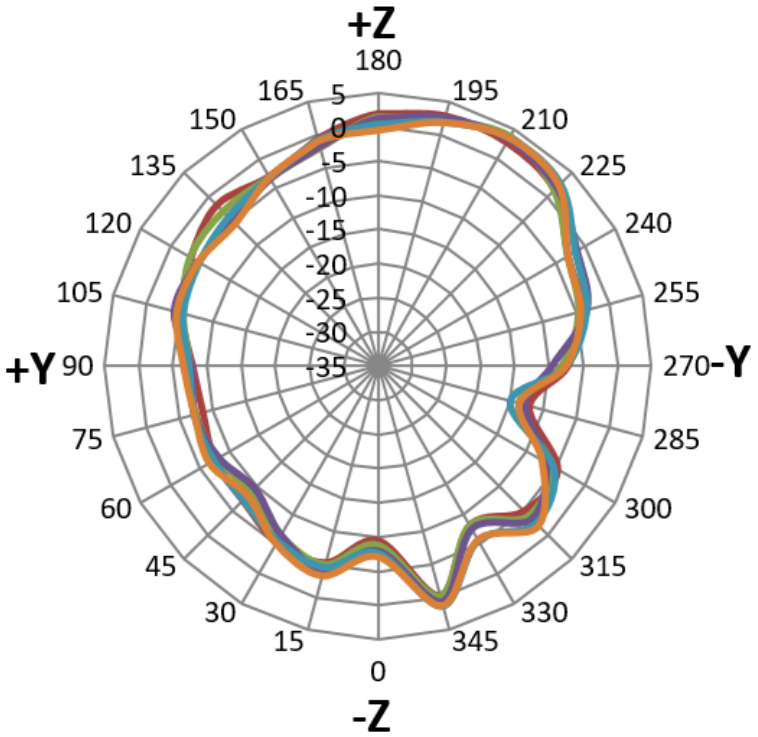
6G0





6G1

ELEVATION CUT YZ - POWER SUM 6G ANTENNAS



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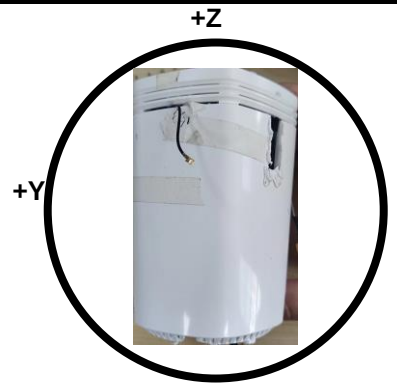
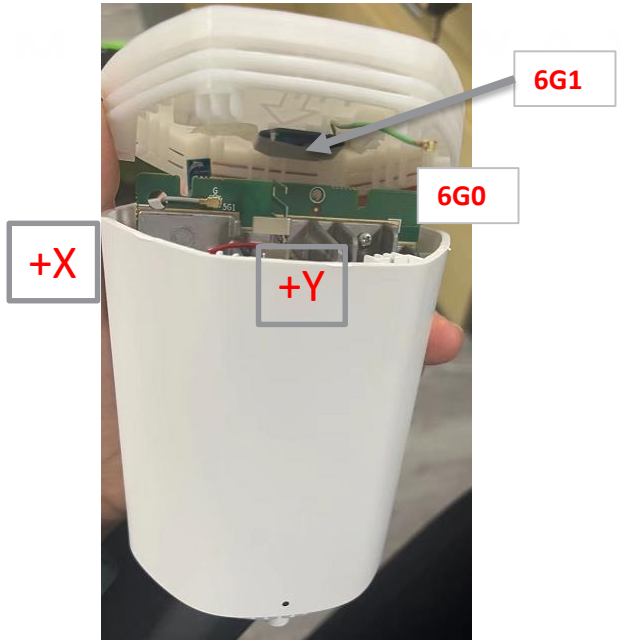
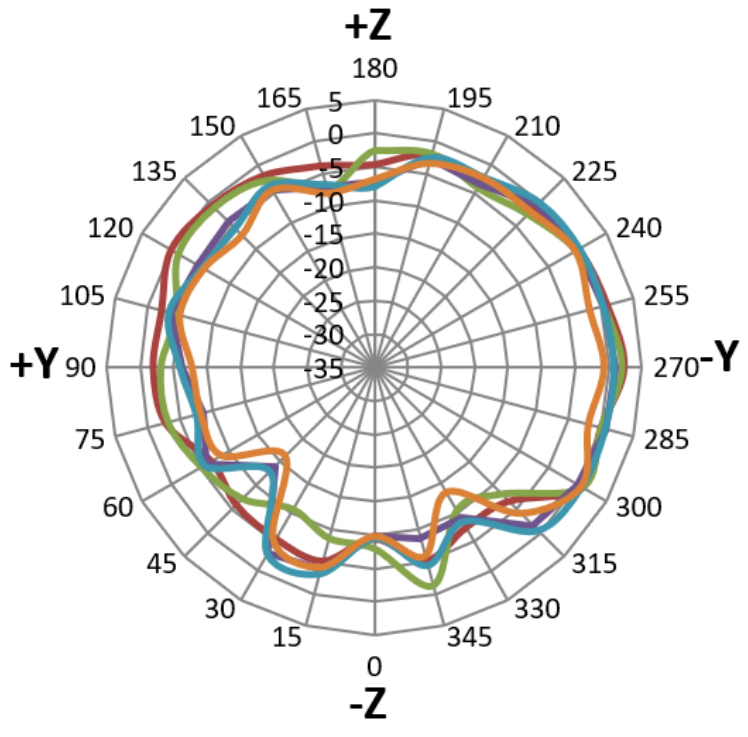
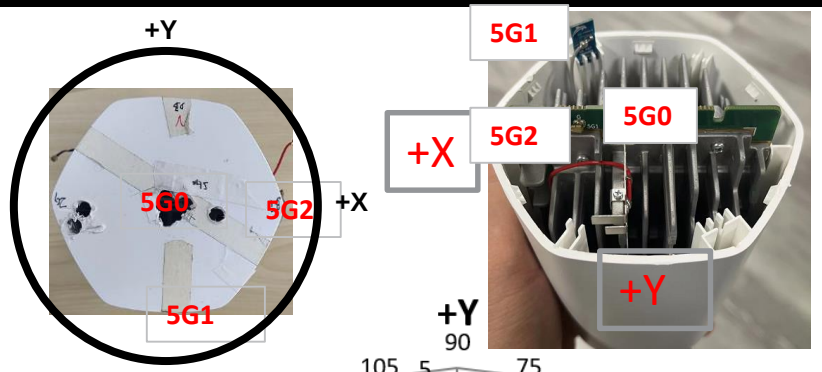


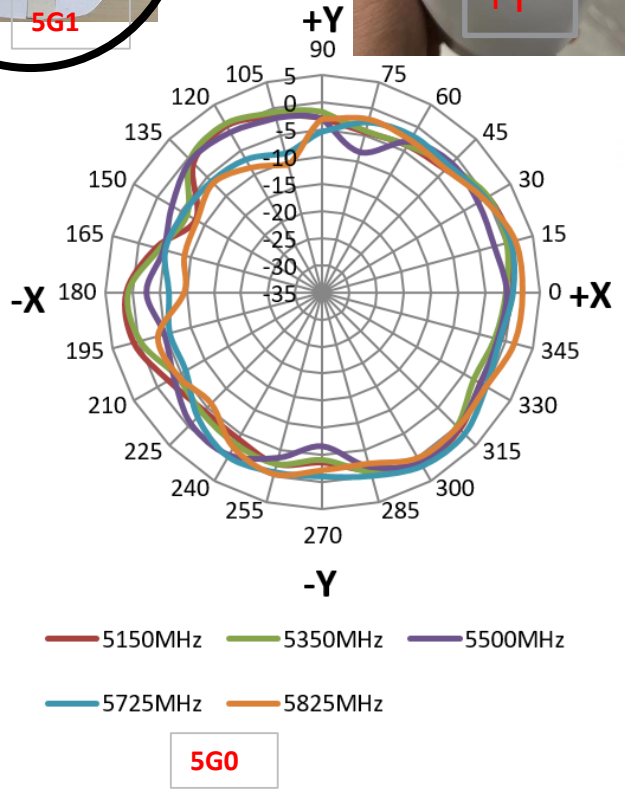




6G1

AZIMUTH CUT - POWER SUM 5G ANTENNAS





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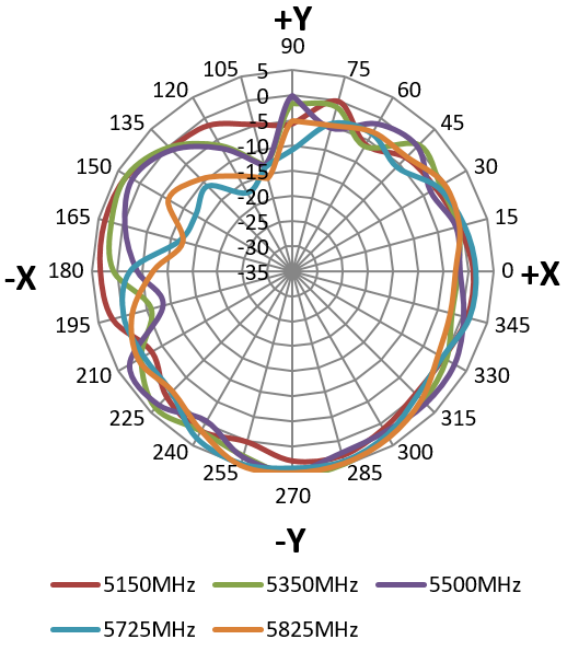

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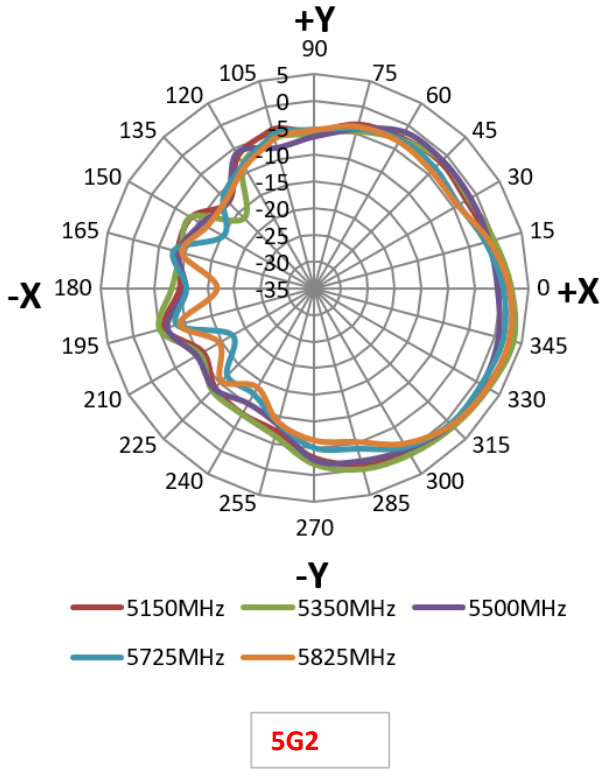
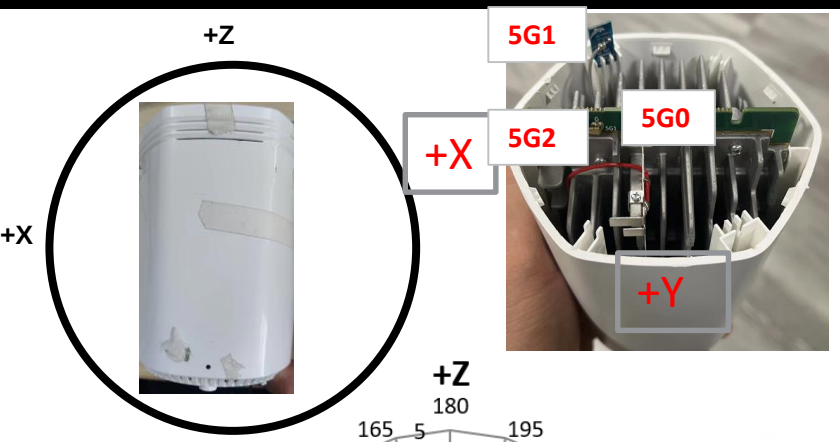
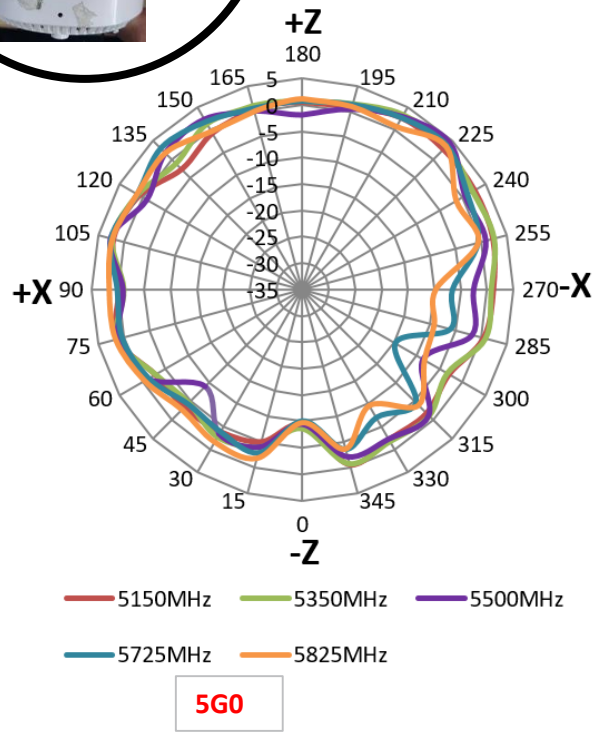


5G2

ELEVATION (XZ) CUT - POWER SUM 5G ANTENNAS





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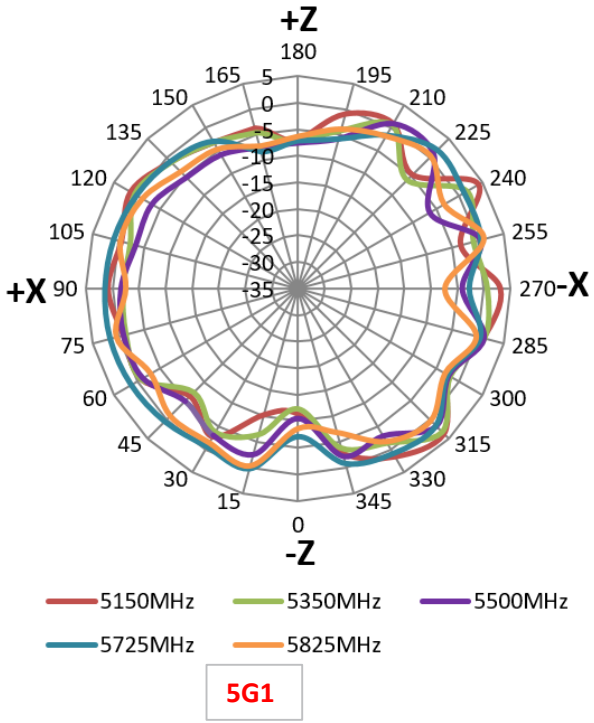
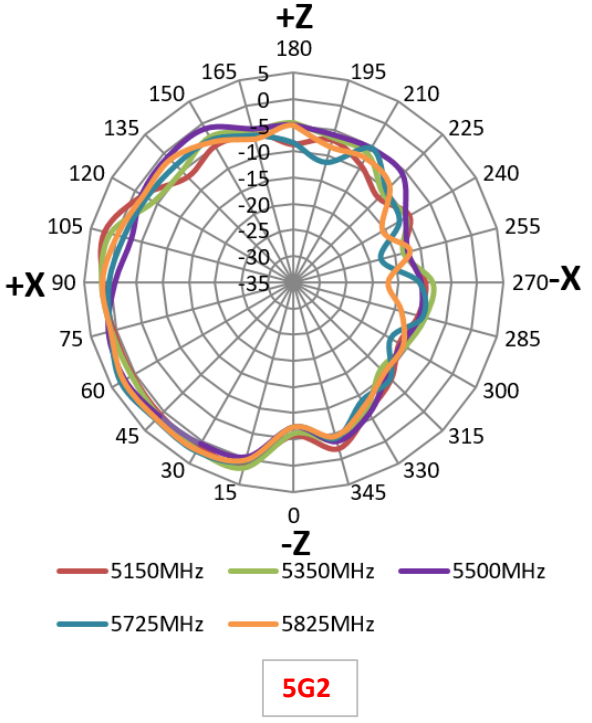
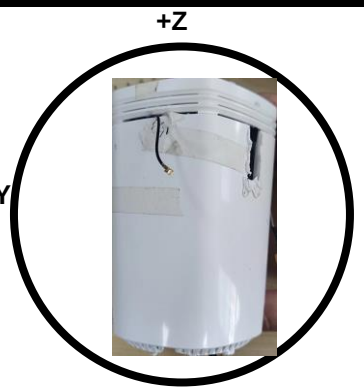


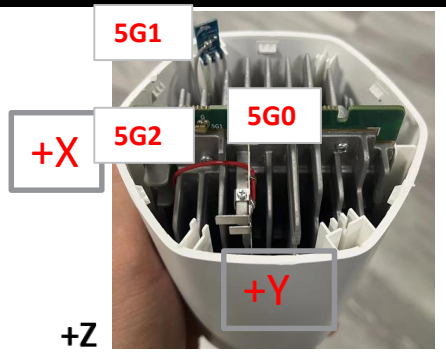
5G1

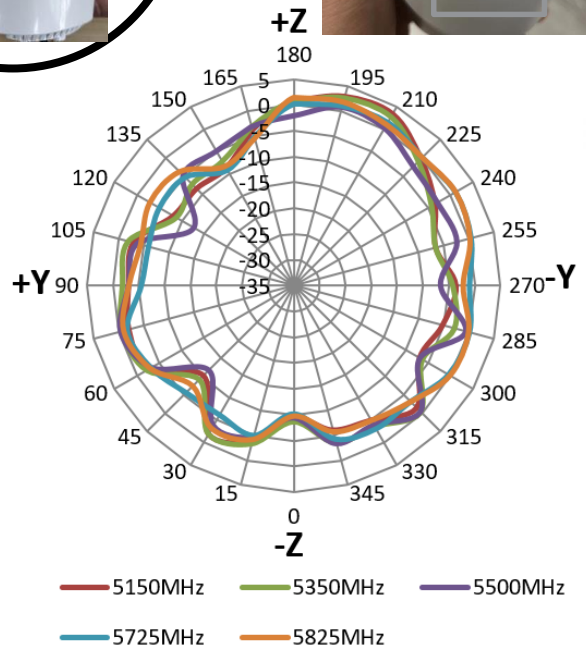


5G2

ELEVATION (YZ) CUT - POWER SUM 5G ANTENNAS







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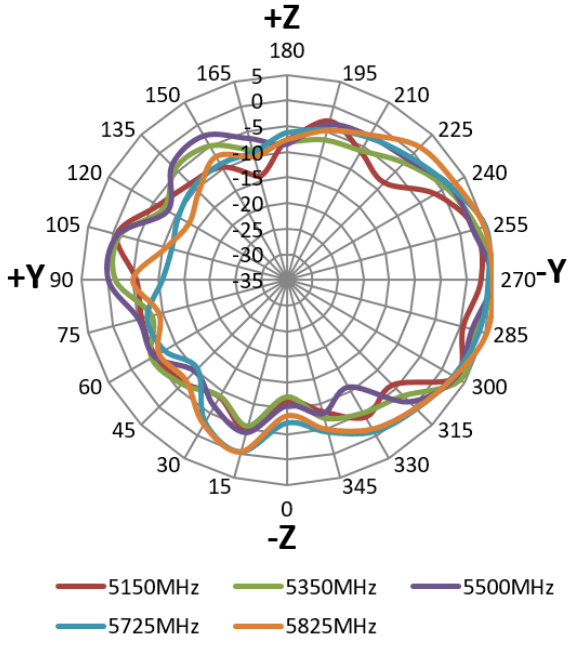

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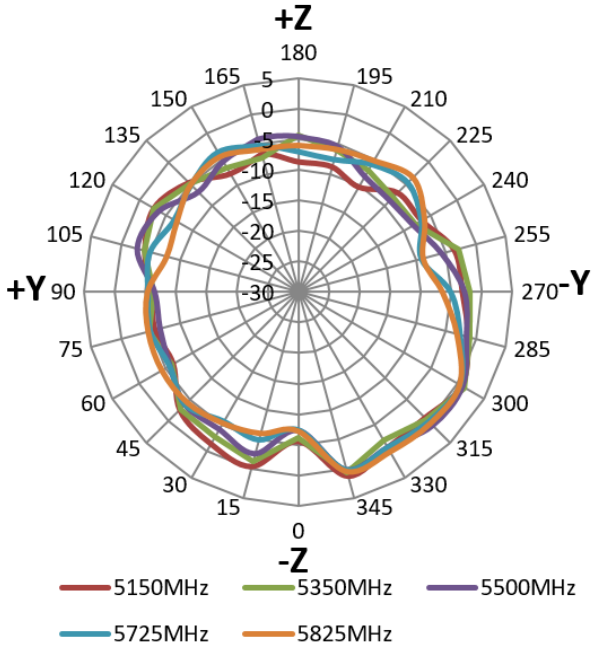
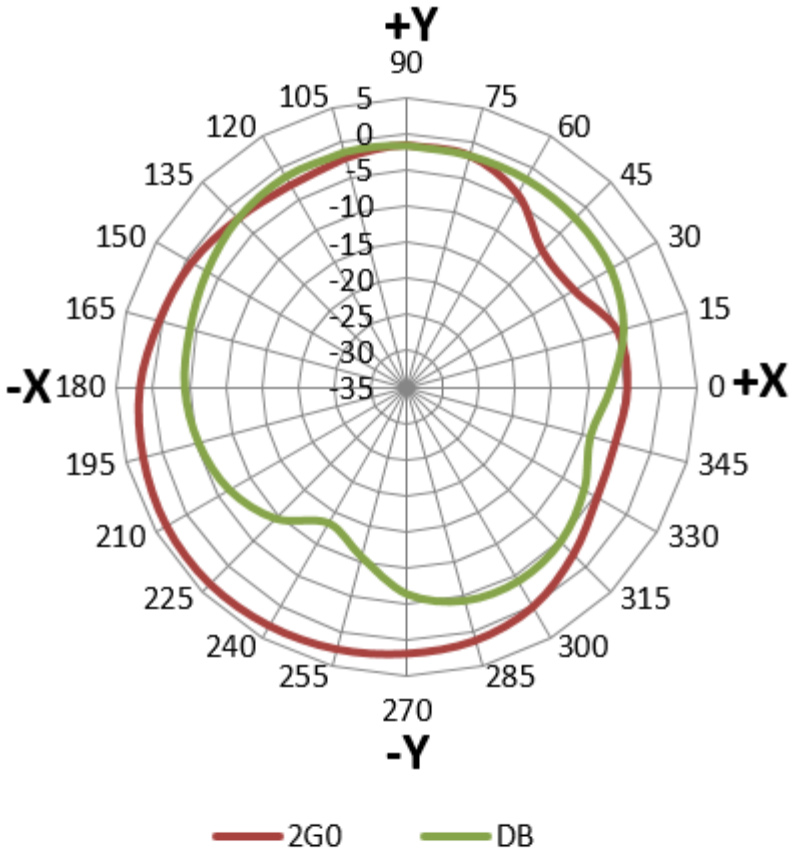
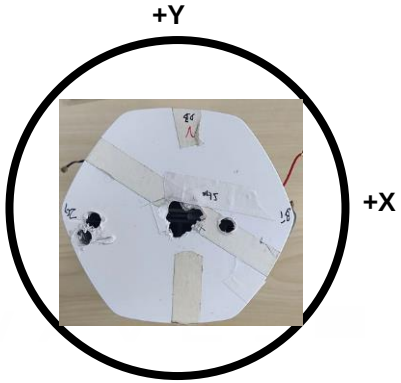
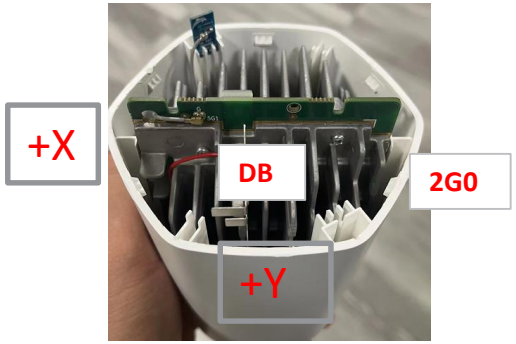


5G2

AZIMUTH CUT - POWER SUM
SYSTEM COVERAGE – 2.45 GHZ BAND

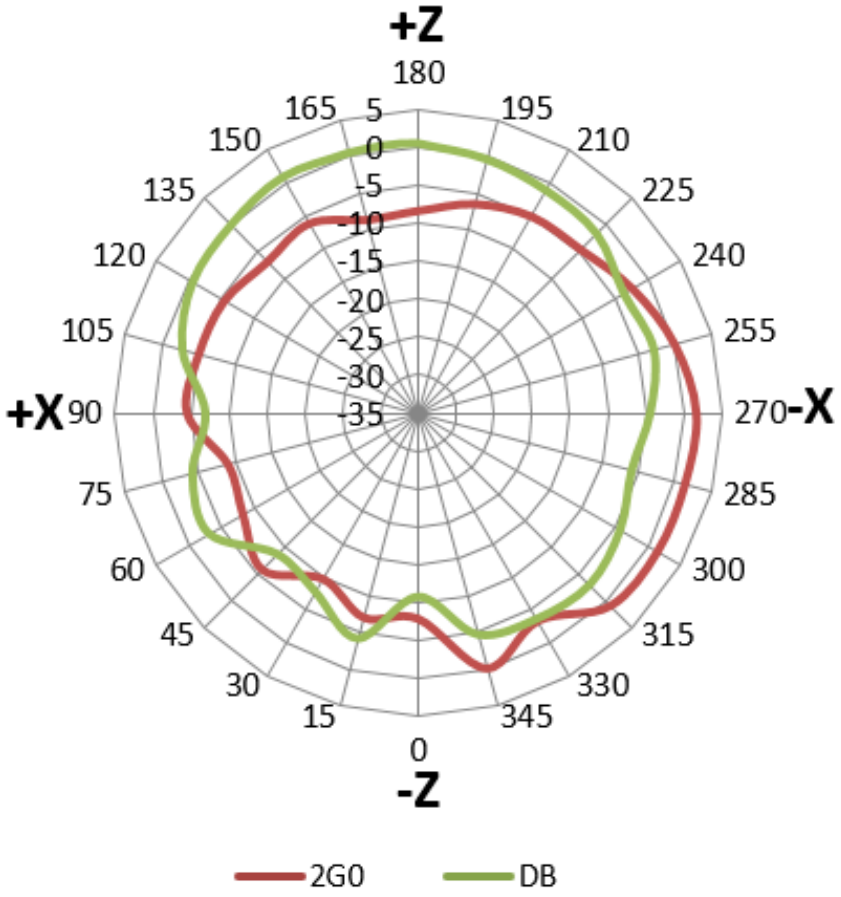




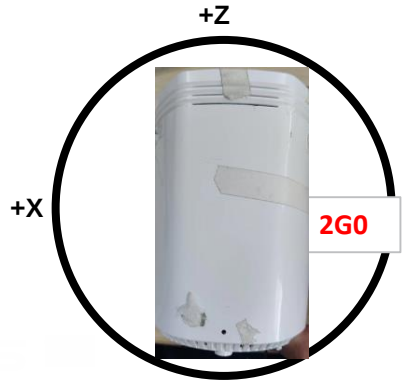


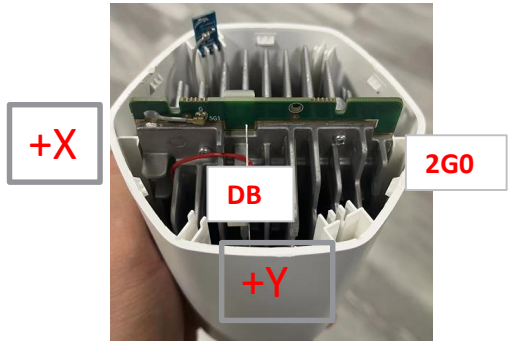
2.45GHz

ELEVATION (XZ) CUT - POWER SUM SYSTEM COVERAGE – 2.45 GHZ BAND



2.45GHz





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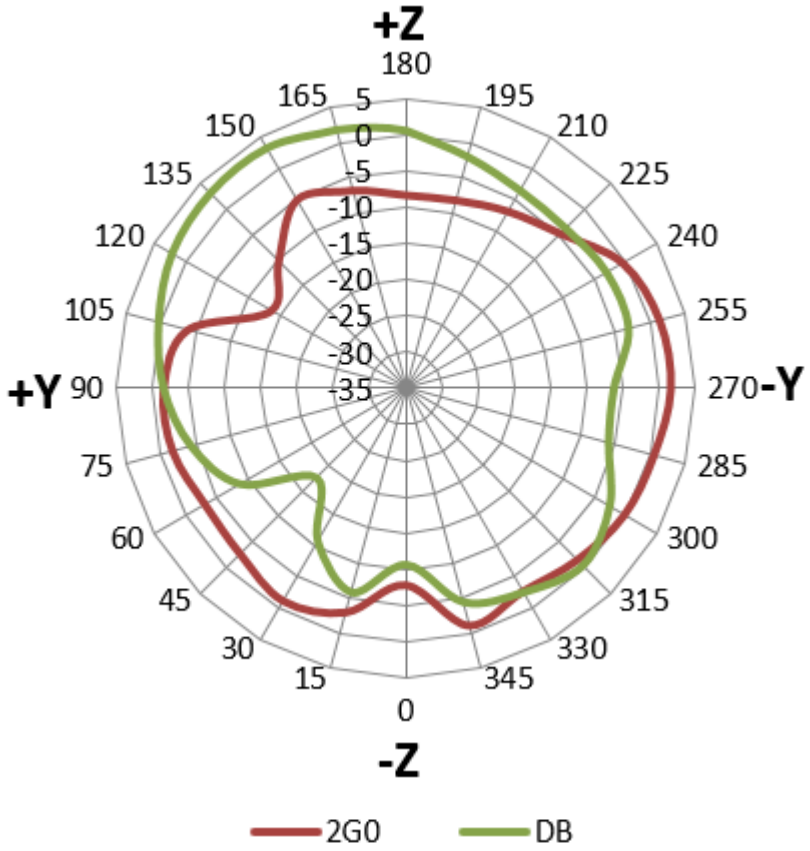
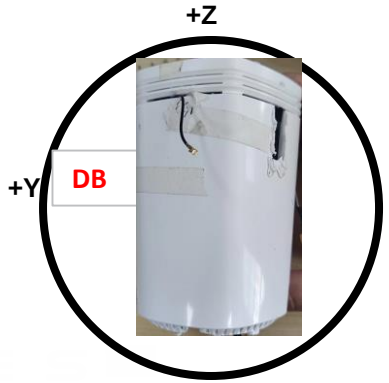
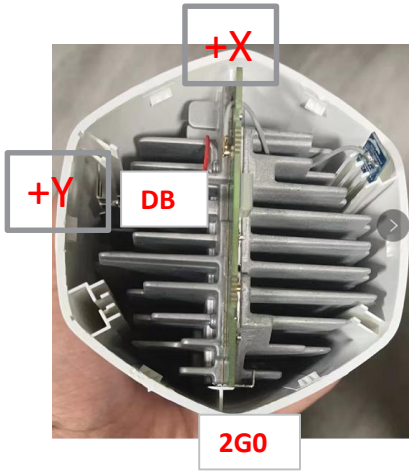
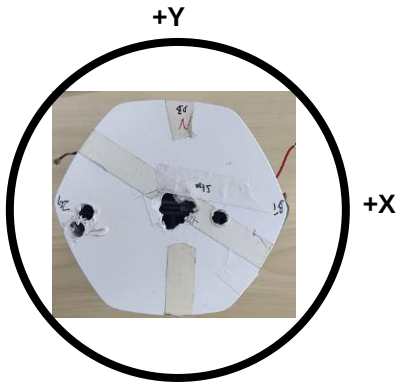


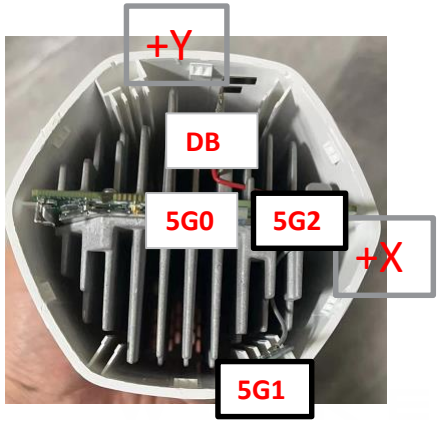
2.45GHz

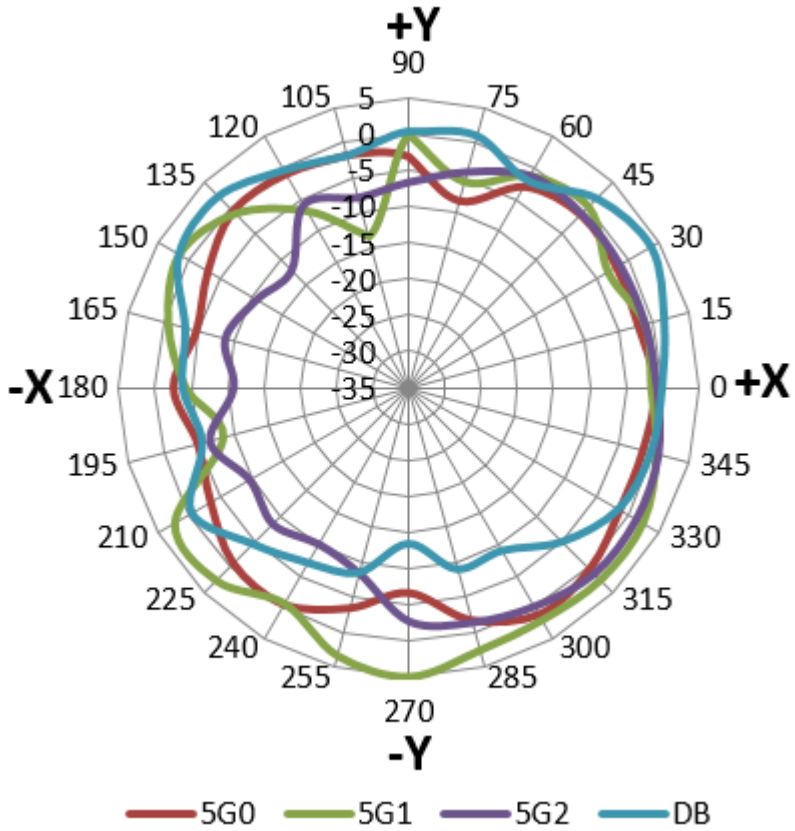




AZIMUTH CUT - POWER SUM
SYSTEM COVERAGE – 5GHZ BAND

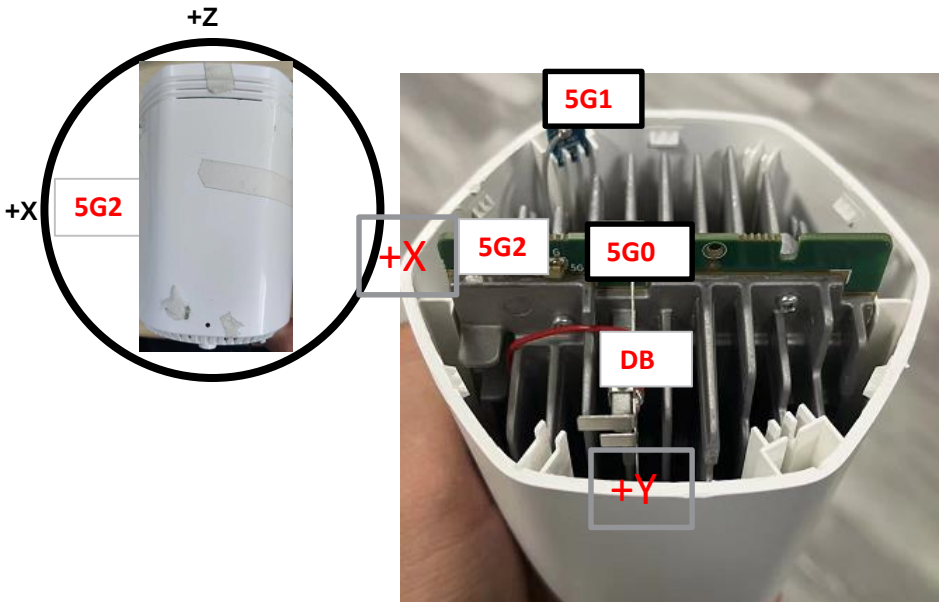


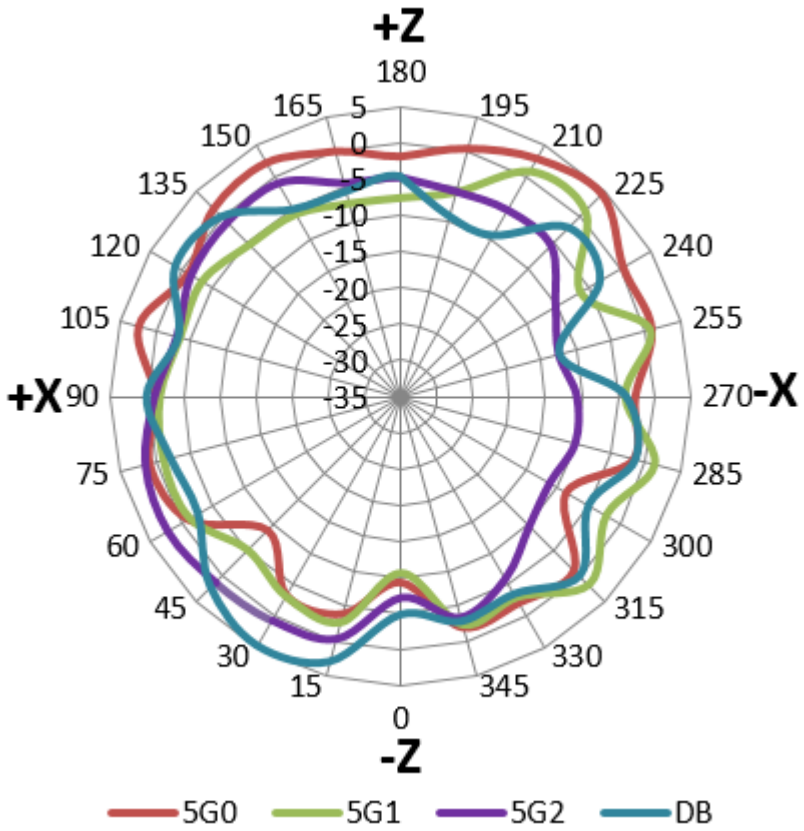




5GHz -5. 5GHz

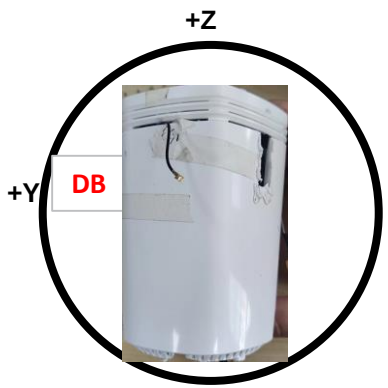
ELEVATION (XZ) CUT - POWER SUM SYSTEM COVERAGE – 5GHZ BAND

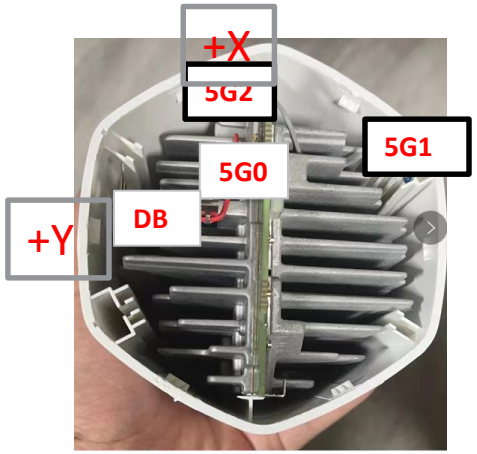


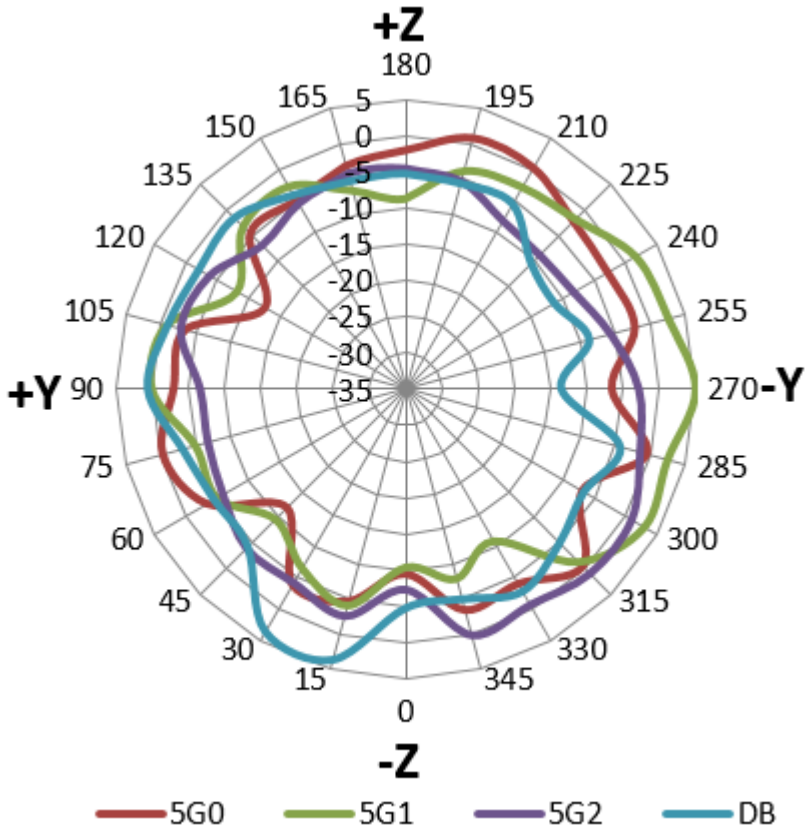


5GHz -5.5 GHz

ELEVATION (YZ) CUT - POWER SUM SYSTEM COVERAGE – 5GHZ BAND

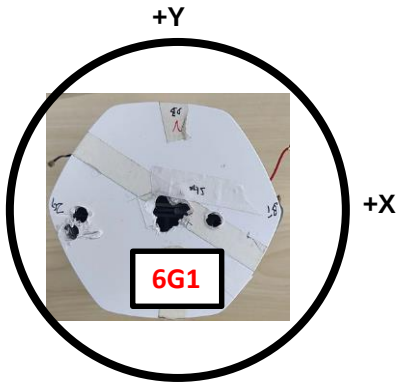


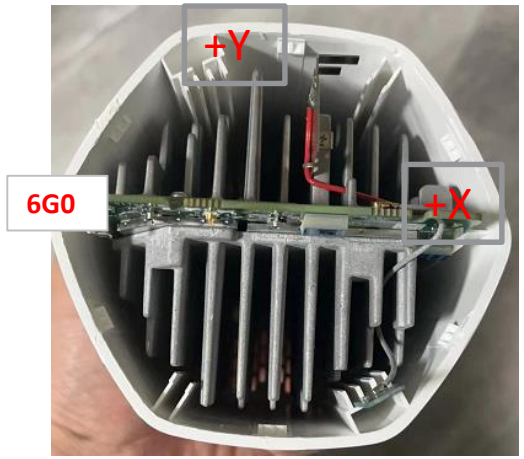


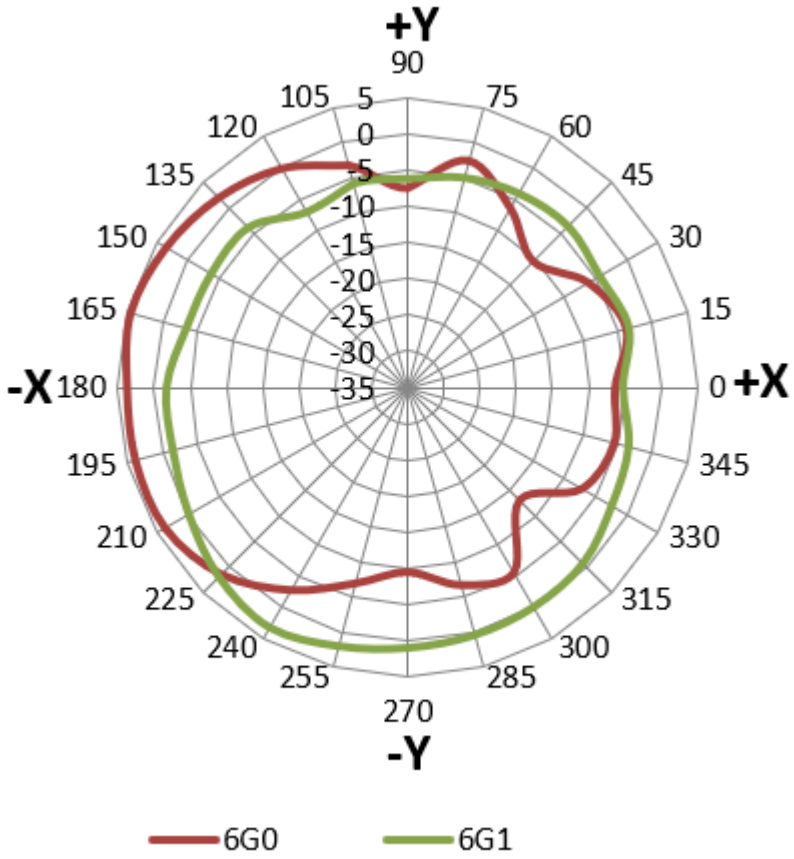


5GHz -5.5 GHz

AZIMUTH CUT - POWER SUM
SYSTEM COVERAGE – 6GHZ BAND

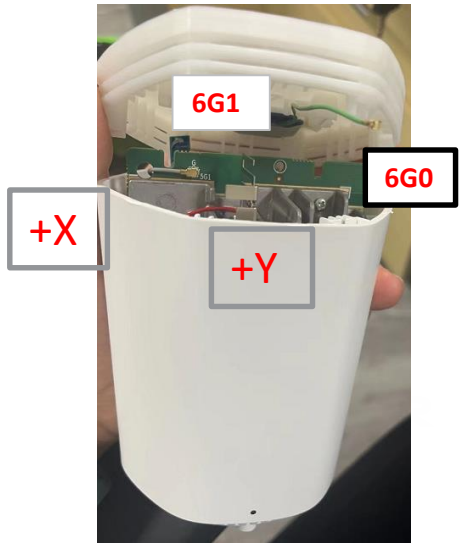


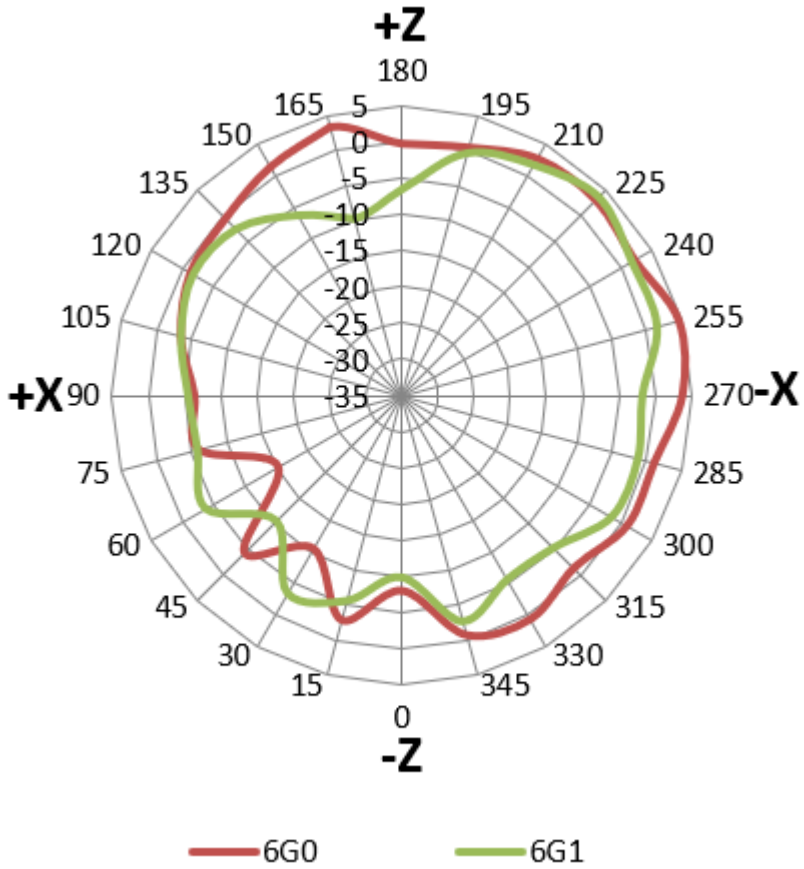




6GHz -6. 325GHz

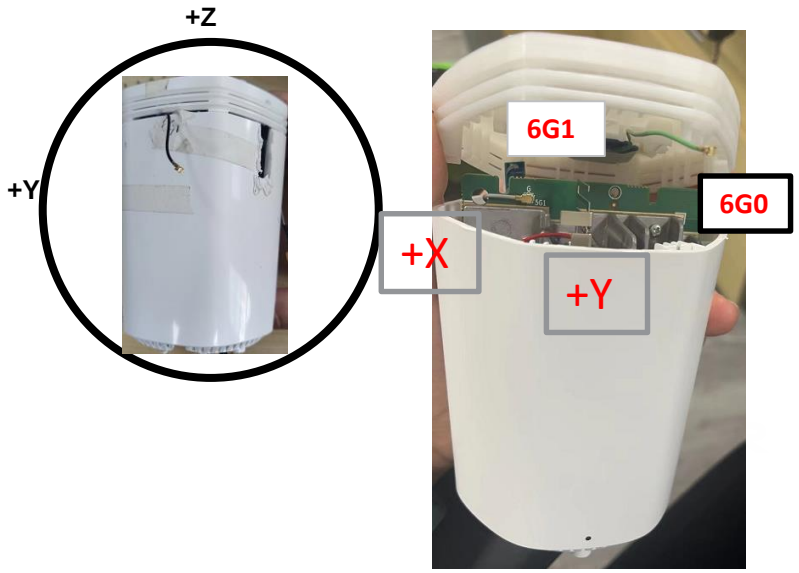
ELEVATION (XZ) CUT - POWER SUM SYSTEM COVERAGE – 6GHZ BAND

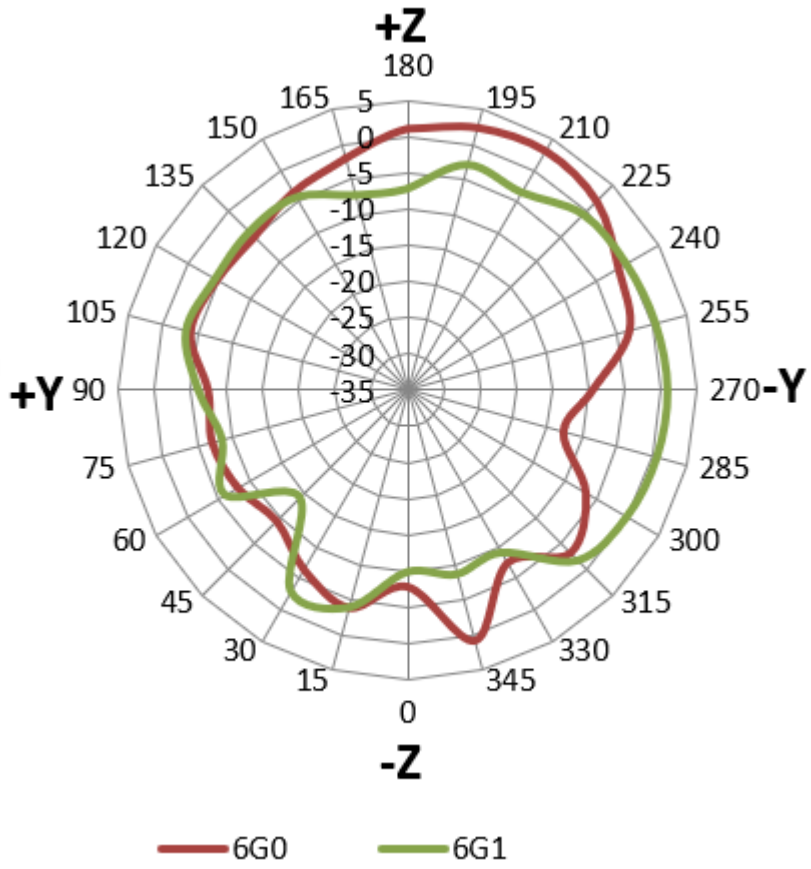




6GHz -6. 325GHz

ELEVATION (YZ) CUT - POWER SUM SYSTEM COVERAGE – 6GHZ BAND





6GHz -6.325 GHz

ANTENNA PERFORMANCE SUMMARY

Antenna	Worst CaseReturn Loss(dB2.45 GHz Band	Worst CaseReturn Loss(dB)6 GHz Band	Worst CaseReturn Loss(dB)5 GHz Band	Average Efficiency2.45 GHz Band (%)	Average Efficiency6 GHz Band (%)	Average Efficiency5 GHz Band (%)	Highest Peak Gain2.45 GHz Band (dBi)	Highest Peak Gain6 GHz Band(dBi)	Highest Peak Gain 5 GHz Band (dBi)	Mutual lsolation (dB) 2.45 GHz Band			Mutual lsolation (dB) 6 GHz Band		Mutual lsolation (dB) 5 GHz Band			
										2G0	BT	DB	6G0	6G1	5G0	5G1	5G2	DB
2G0	-10.6			62.2			3.8				-36		-35.5	-48.3	-42.8	-43.9	-54	-57.4
DB	-10.2		-9.4	61.5		64.7	4.1		5.03	-25.4			-38.6	-40.8	-21.6	-37.7	-32.1	
6G0		-11.7			66.6			4.7		-34.4	-47.5				-26.2	-27.8	-30.2	-26.8
6G1		-10.9			62.4			4.2		-55.4	-61.7		-25.0		-23.5	-34.3	-39.9	-38.6
5G0			-11.7			64.7			4.6				-33.8	-23.4				
5G1			-13.5			71.8			6.2				-36.1	-29.9	-19.4			
5G2			-7.6			48.1			4.8				-44.3	-41.2	-23.5	-24.9		
BT	-6			38.3			0.9					-30	-51.9	-50	-42.8	-39.2	-24	-43.6

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Thank You!

We Look Forward To Working Together

APPENDIX DB-2400MHZ

Frequency(MHz)	Polarization	Category	Theta\Phi	0	15	30	45	60	75	90	105	120	135	150	165
2400	Polarization-H	Amplitude	0	-15.589	-15.483	-15.206	-14.853	-14.527	-14.302	-14.223	-14.302	-14.527	-14.853	-15.206	-15.483
			15	-9.53	-12.477	-15.205	-16.063	-15.451	-15.098	-17.546	-23.462	-19.64	-12.533	-8.488	-6.272
			30	-9.019	-12.966	-14.496	-12.617	-12.549	-13.26	-14.686	-19.629	-24.118	-12.825	-8.007	-5.463
			45	-10.12	-13.559	-11.357	-8.367	-7.987	-10.918	-16.665	-15.98	-12.717	-9.078	-6.408	-5.138
			60	-8.342	-8.653	-7.434	-6.779	-7.527	-10.112	-17.227	-15.286	-9.125	-6.702	-5.513	-5.25
			75	-7.055	-6.925	-5.961	-4.654	-4.752	-7.063	-13.378	-18.199	-9.118	-5.314	-4.061	-4.148
			90	-8.319	-8.003	-5.845	-4.211	-4.56	-7.277	-12.823	-20.971	-10.76	-5.466	-3.112	-2.987
			105	-9.884	-8.217	-5.114	-3.215	-3.193	-5.387	-10.642	-16.983	-10.462	-5.219	-2.997	-2.683
			120	-6.642	-4.71	-2.578	-1.751	-2.445	-4.769	-8.559	-12.128	-9.854	-6.567	-3.879	-2.624
			135	-4.605	-3.472	-2.604	-2.724	-4.152	-7.618	-14.132	-13.465	-8.474	-5.69	-3.801	-2.802
			150	-2.785	-2.032	-1.774	-2.346	-3.772	-6.32	-10.356	-13.769	-10.431	-6.636	-4.178	-2.76
			165	-2.65	-2.457	-2.658	-3.561	-5.138	-8.081	-13.807	-18.642	-10.724	-6.527	-4.062	-2.84
			180	-2.044	-2.066	-2.781	-4.216	-6.935	-11.599	-21.581	-17.042	-9.394	-5.803	-3.557	-2.521
			195	-1.543	-1.706	-2.555	-4.388	-7.18	-12.267	-32.395	-15.105	-9.258	-6.314	-4.408	-3.224
			210	-3.163	-3.339	-4.335	-6.487	-10.207	-17.347	-19.796	-12.361	-9.005	-7.183	-5.743	-4.789
			225	-2.422	-2.804	-3.755	-5.613	-9.285	-17.133	-17.26	-10.022	-7.03	-5.881	-5.461	-5.216
			240	-2.447	-3.258	-4.798	-7.276	-11.129	-19.324	-15.117	-8.548	-6.218	-5.898	-6.689	-7.652
			255	-4.07	-6.099	-8.811	-12.105	-15.086	-15.192	-12.673	-9.561	-8.382	-9.244	-10.146	-10.165
			270	-3.751	-5.95	-9.315	-14.003	-16.143	-15.274	-14.1	-13.218	-15.273	-17.444	-12.905	-9.393
			285	-4.328	-6.307	-9.545	-15.582	-34.968	-18.196	-15.405	-16.833	-20.589	-14.266	-9.355	-7.474
			300	-5.326	-5.992	-6.985	-10.067	-16.04	-18.128	-16.983	-16.36	-12.44	-8.253	-6.197	-6.384
			315	-5.209	-5.603	-6.671	-7.675	-9.713	-16.182	-21.829	-13.583	-9.35	-6.982	-6.003	-7.017
			330	-4.576	-4.552	-5.809	-8.031	-11.342	-16.768	-25.346	-14.476	-9.55	-7.344	-6.524	-7.199
			345	-5.686	-5.403	-5.967	-7.584	-10.674	-18.714	-22.141	-11.937	-8.147	-6.688	-6.683	-7.835
			360	-15.589	-15.483	-15.206	-14.853	-14.527	-14.302	-14.223	-14.302	-14.527	-14.853	-15.206	-15.483

DB-2400MHZ

Polarization-V	Amplitude	0	-14.223	-14.302	-14.527	-14.853	-15.206	-15.483	-15.589	-15.483	-15.206	-14.853	-14.527	-14.302
		15	-6.131	-5.381	-5.333	-5.531	-5.752	-5.848	-5.977	-6.236	-6.412	-6.282	-6.62	-7.616
		30	-7.58	-7.832	-7.622	-7.64	-8.163	-8.75	-9.296	-9.901	-10.109	-10.183	-10.221	-9.833
		45	-10.628	-10.626	-12.487	-16.355	-15.606	-14.25	-17.374	-29.326	-26.387	-21.425	-21.926	-18.907
		60	-19.233	-23.852	-20.413	-13.542	-10.687	-9.553	-9.193	-9.314	-8.361	-6.743	-5.831	-6.872
		75	-9.918	-14.113	-11.539	-7.244	-5.065	-3.809	-3.557	-4.069	-4.268	-2.927	-1.645	-1.725
		90	-10.23	-9.941	-6.941	-4.352	-2.306	-0.816	-0.462	-0.842	-1.325	-1.134	-0.808	-0.77
		105	-7.333	-5.873	-3.57	-1.212	0.499	1.657	2.171	1.862	0.843	-0.245	-1.33	-2.246
		120	-4.983	-3.8	-2.591	-0.93	1.126	2.712	3.309	3.135	2.601	1.764	0.66	-1.007
		135	-6.322	-4.624	-2.666	-0.58	1.184	2.484	3.162	3.239	2.956	2.175	1.026	-0.856
		150	-9.907	-7.01	-3.781	-1.191	0.705	1.969	2.54	2.472	1.973	0.828	-0.597	-3.033
		165	-18.239	-10.982	-6.635	-3.894	-1.906	-0.69	-0.062	-0.088	-0.636	-1.969	-3.547	-6.567
		180	-28.109	-15.475	-8.608	-5.285	-3.334	-2.242	-1.846	-2.037	-3.104	-4.512	-7.348	-12.173
		195	-10.476	-18.105	-12.618	-7.719	-5.43	-4.342	-4.189	-4.794	-5.954	-7.361	-10.148	-14.096
		210	-9.156	-14.612	-14.905	-10.944	-8.474	-7.159	-7.065	-8.218	-10.151	-12.698	-13.967	-13.741
		225	-2.939	-6.05	-9.03	-9.893	-7.99	-5.947	-4.913	-5.13	-6.628	-8.934	-9.728	-8.604
		240	-3.623	-5.433	-6.396	-6.341	-5.182	-4.272	-4.06	-4.492	-5.442	-6.464	-6.659	-5.886
		255	-3.729	-4.711	-5.562	-5.842	-5.402	-4.991	-4.949	-5.135	-5.323	-5.46	-6.059	-7.207
		270	-2.213	-3.462	-4.973	-6.228	-6.823	-7.472	-8.413	-8.691	-7.616	-6.387	-5.949	-7.227
		285	-4.126	-6.221	-7.643	-7.466	-6.331	-5.899	-6.853	-8.534	-9.49	-8.123	-6.984	-7.43
		300	-11.112	-13.819	-9.58	-5.944	-4.2	-3.517	-3.326	-4.179	-6.239	-9.154	-11.157	-13.16
		315	-11.787	-7.516	-6.422	-6.41	-5.106	-3.765	-3.767	-4.713	-5.903	-7.222	-8.863	-10.606
		330	-9.064	-7.564	-6.287	-6.152	-7.714	-11.297	-14.479	-12.159	-9.081	-7.475	-6.932	-6.933
		345	-7.858	-10.108	-13.342	-18.102	-29.121	-26.871	-20.566	-21.803	-29.559	-15.813	-10.422	-7.14
		360	-14.223	-14.302	-14.527	-14.853	-15.206	-15.483	-15.589	-15.483	-15.206	-14.853	-14.527	-14.302

DB-2400MHZ

Polarization-Total	Amplitude	0	-11.443	-11.443	-11.443	-11.443	-11.443	-11.443	-11.443	-11.443	-11.443	-11.443	-11.443	-11.443
		15	-4.096	-4.207	-4.507	-4.762	-4.91	-4.961	-5.284	-5.755	-5.81	-4.958	-4.044	-3.482
		30	-4.83	-6.27	-6.411	-6.041	-6.414	-7.034	-7.793	-9.061	-9.539	-7.896	-5.564	-3.71
		45	-6.956	-8.439	-8.475	-7.327	-6.894	-8.862	-13.595	-15.383	-12.134	-8.432	-5.888	-4.56
		60	-7.602	-8.124	-6.82	-5.549	-5.415	-6.413	-8.159	-7.935	-5.316	-3.312	-2.259	-2.575
		75	-4.845	-5.765	-4.5	-2.349	-1.496	-1.728	-2.726	-3.504	-2.638	-0.548	0.723	0.64
		90	-5.76	-5.454	-2.948	-0.87	0.122	0.469	0.183	-0.4	-0.457	0.63	1.601	1.672
		105	-5.014	-3.478	-0.863	1.311	2.444	2.84	2.792	2.318	1.553	1.355	1.326	0.952
		120	-2.323	-0.821	0.826	2.089	3.108	3.826	3.983	3.662	3.241	2.759	2.369	1.669
		135	-1.969	-0.599	0.775	1.889	2.699	3.289	3.642	3.731	3.658	3.233	2.662	1.69
		150	-1.615	-0.433	0.748	1.68	2.43	2.97	3.158	2.974	2.616	1.944	1.382	0.516
		165	-2.131	-1.487	-0.796	-0.314	0.182	0.437	0.517	0.372	0.17	-0.265	-0.387	-0.905
		180	-1.634	-1.472	-1.372	-1.307	-1.361	-1.366	-1.401	-1.502	-1.788	-1.699	-1.641	-1.674
		195	-0.62	-1.208	-1.747	-2.332	-2.807	-3.292	-3.783	-4.008	-3.889	-3.396	-2.982	-2.482
		210	-1.788	-2.626	-3.57	-4.757	-5.844	-6.362	-6.439	-6.403	-6.13	-5.708	-4.734	-3.869
		225	0.737	-0.72	-2.226	-3.836	-5.179	-5.229	-4.267	-3.511	-3.414	-3.734	-3.68	-3.177
		240	0.415	-0.8	-2.113	-3.373	-3.798	-3.738	-3.332	-2.652	-2.403	-2.762	-3.264	-3.269
		255	-0.486	-1.94	-3.479	-4.52	-4.558	-4.195	-3.871	-3.396	-3.178	-3.542	-4.228	-5.029
		270	0.496	-1.12	-3.212	-5.158	-5.943	-6.406	-6.975	-6.979	-6.528	-5.659	-4.752	-4.766
		285	-0.816	-2.854	-5.081	-6.443	-5.925	-5.25	-5.886	-7.535	-8.766	-6.778	-4.599	-4.042
		300	-3.909	-4.929	-4.681	-4.124	-3.525	-2.969	-2.743	-3.524	-4.905	-5.27	-4.594	-5.156
		315	-3.946	-3.045	-3.134	-3.586	-3.415	-3.123	-3.3	-3.784	-3.883	-3.69	-3.792	-5.041
		330	-2.854	-2.392	-2.631	-3.58	-5.75	-9.812	-13.737	-9.755	-5.899	-3.999	-3.313	-3.654
		345	-3.227	-3.737	-4.837	-6.814	-10.212	-17.697	-17.872	-11.111	-7.716	-5.787	-4.752	-4.063
		360	-11.443	-11.443	-11.443	-11.443	-11.443	-11.443	-11.443	-11.443	-11.443	-11.443	-11.443	-11.443

DB-2450MHZ

Frequency(MHz)	Polarization	Category	Theta\Phi	0	15	30	45	60	75	90	105	120	135	150	165
2450M	Polarization-H	Amplitude	0	-15.716	-15.619	-15.367	-15.044	-14.744	-14.536	-14.463	-14.536	-14.744	-15.044	-15.367	-15.619
			15	-10.562	-12.97	-14.66	-15.562	-16.454	-17.23	-19.201	-26.165	-21.099	-13.316	-8.974	-6.485
			30	-10.397	-14.323	-13.93	-12.244	-12.736	-13.624	-14.491	-18.958	-26.669	-13.214	-8.018	-5.36
			45	-11.51	-15.127	-11.217	-8.231	-8.119	-11.397	-17.304	-15.467	-12.356	-9.116	-6.44	-4.843
			60	-8.635	-8.719	-7.164	-6.315	-7.142	-10.066	-18.459	-14.769	-8.36	-6.154	-5.345	-5.384
			75	-7.716	-7.379	-6.113	-4.803	-4.797	-6.848	-13.315	-20.409	-8.846	-4.809	-3.752	-4.421
			90	-8.887	-8.138	-5.903	-4.209	-4.403	-6.877	-12.321	-21.576	-11.043	-5.403	-2.904	-2.787
			105	-9.708	-7.398	-4.564	-3.146	-3.444	-5.874	-11.709	-17.492	-10.392	-5.334	-3.017	-2.474
			120	-6.373	-4.196	-2.056	-1.317	-2.188	-4.71	-8.985	-12.582	-9.384	-6.105	-3.588	-2.499
			135	-3.998	-2.879	-2.123	-2.415	-4.001	-7.695	-15.125	-13.766	-8.244	-5.369	-3.612	-2.803
			150	-2.619	-1.897	-1.681	-2.289	-3.797	-6.497	-10.923	-14.128	-10.008	-6.266	-3.974	-2.772
			165	-2.326	-2.108	-2.38	-3.414	-5.266	-8.673	-14.949	-16.004	-9.332	-5.72	-3.601	-2.644
			180	-2.158	-2.218	-2.895	-4.278	-6.95	-11.572	-21.614	-16.338	-9.032	-5.617	-3.393	-2.424
			195	-1.672	-1.916	-2.798	-4.669	-7.467	-12.605	-32.312	-14.741	-8.989	-6.037	-4.162	-3
			210	-3.106	-3.283	-4.204	-6.174	-9.534	-15.981	-22.193	-13.023	-8.992	-6.897	-5.434	-4.506
			225	-2.182	-2.456	-3.236	-4.847	-8.144	-15.128	-19.708	-10.688	-7.12	-5.675	-5.176	-4.854
			240	-2.45	-3.341	-4.837	-7.196	-10.7	-17.284	-14.278	-8.338	-6.121	-5.839	-6.629	-7.371
			255	-3.78	-5.733	-8.288	-11.254	-13.729	-14.69	-12.975	-9.693	-8.204	-8.806	-9.702	-9.864
			270	-3.923	-6.424	-9.78	-14.591	-16.957	-15.267	-13.739	-12.879	-14.737	-17.307	-13.757	-10.185
			285	-4.662	-6.393	-8.966	-14.268	-33.89	-17.126	-14.127	-15.392	-19.034	-14.215	-9.713	-8.501
			300	-5.093	-5.425	-6.438	-9.503	-15.463	-18.726	-16.439	-15.029	-12.135	-8.279	-6.444	-7.081
			315	-5.216	-5.499	-6.365	-7.308	-9.259	-15.002	-22.418	-13.681	-9.299	-7.1	-6.249	-7.492
			330	-5.06	-4.798	-5.725	-7.675	-10.998	-17.042	-26.489	-14.809	-9.979	-7.975	-7.326	-8.216
			345	-5.496	-5.186	-5.526	-6.901	-9.791	-17.24	-23.921	-12.583	-8.577	-7.106	-7.22	-8.63
			360	-15.716	-15.619	-15.367	-15.044	-14.744	-14.536	-14.463	-14.536	-14.744	-15.044	-15.367	-15.619

DB-2450MHZ

Polarization-V	Amplitude												
	0	-14.463	-14.536	-14.744	-15.044	-15.367	-15.619	-15.716	-15.619	-15.367	-15.044	-14.744	-14.536
	15	-6.245	-5.57	-5.631	-6.058	-6.576	-6.836	-6.883	-6.836	-6.664	-6.441	-6.533	-7.538
	30	-7.675	-8.097	-8.038	-8.059	-8.573	-9.193	-9.968	-10.688	-11.024	-10.973	-10.835	-10.217
	45	-11.091	-11.146	-13.122	-17.505	-16.761	-15.265	-19.085	-32.724	-25.661	-21.443	-20.479	-18.064
	60	-19.11	-23.21	-18.874	-12.796	-10.275	-9.365	-9.157	-9.22	-8.156	-6.317	-5.306	-6.29
	75	-9.578	-13.24	-10.418	-7.112	-5.519	-4.425	-4.1	-4.625	-4.879	-3.388	-1.859	-1.758
	90	-9.669	-9.43	-6.821	-4.44	-2.355	-0.732	-0.313	-0.709	-1.409	-1.473	-1.102	-0.769
	105	-7.125	-5.683	-3.319	-1.036	0.603	1.736	2.257	1.938	0.882	-0.345	-1.456	-2.252
	120	-4.985	-3.594	-2.288	-0.617	1.364	2.897	3.483	3.3	2.699	1.778	0.597	-1.134
	135	-6.633	-4.852	-2.596	-0.349	1.418	2.654	3.253	3.25	2.891	2.113	0.993	-0.907
	150	-9.796	-6.791	-3.554	-1.018	0.851	2.059	2.576	2.451	1.922	0.814	-0.594	-3.005
	165	-16.215	-9.648	-5.705	-3.186	-1.359	-0.228	0.298	0.229	-0.389	-1.8	-3.463	-6.469
	180	-30.558	-14.471	-8.11	-4.881	-3.064	-2.112	-1.844	-2.144	-3.286	-4.777	-7.696	-13.126
	195	-10.532	-17.963	-12.654	-7.865	-5.659	-4.588	-4.464	-5.025	-6.078	-7.471	-10.382	-14.655
	210	-9.018	-15.386	-15.765	-10.928	-8.388	-7.194	-7.279	-8.488	-10.386	-12.567	-13.509	-13.286
	225	-2.941	-6.623	-9.762	-9.464	-7.312	-5.601	-4.823	-5.186	-6.85	-9.256	-9.766	-8.382
	240	-3.549	-5.641	-6.512	-6.141	-5.086	-4.238	-4.01	-4.445	-5.448	-6.548	-6.756	-5.867
	255	-3.667	-4.848	-5.558	-5.532	-5.057	-4.731	-4.709	-4.814	-4.863	-4.934	-5.55	-6.724
	270	-2.121	-3.485	-5.163	-6.02	-6.315	-7.187	-8.591	-9.003	-7.648	-6.032	-5.342	-6.557
	285	-3.662	-5.91	-7.409	-7.138	-6.14	-5.685	-6.434	-8.007	-9.32	-8.476	-7.354	-7.682
	300	-9.947	-13.578	-9.692	-6.093	-4.288	-3.356	-2.915	-3.616	-5.453	-7.983	-10.2	-13.485
	315	-12.006	-7.836	-6.459	-6.205	-5.03	-4.004	-4.133	-4.981	-5.947	-7.068	-8.615	-10.558
	330	-8.971	-7.665	-6.676	-6.819	-8.677	-12.84	-15.929	-12.03	-8.633	-7.043	-6.638	-6.923
	345	-7.565	-9.872	-13.238	-17.246	-25.037	-36.14	-24.794	-27.621	-21.834	-13.435	-9.469	-6.958
	360	-14.463	-14.536	-14.744	-15.044	-15.367	-15.619	-15.716	-15.619	-15.367	-15.044	-14.744	-14.536

DB-2450MHZ

Polarization-Total	Amplitude	0	-11.634	-11.634	-11.634	-11.634	-11.634	-11.634	-11.634	-11.634	-11.634	-11.634	-11.634	-11.634
		15	-4.477	-4.444	-4.719	-5.196	-5.75	-6.056	-6.236	-6.385	-6.111	-5.23	-4.174	-3.569
		30	-5.416	-6.768	-6.643	-6.255	-6.764	-7.456	-8.256	-9.685	-10.507	-8.54	-5.791	-3.732
		45	-7.885	-9.285	-8.656	-7.346	-7.162	-9.504	-14.694	-14.986	-11.757	-8.469	-5.872	-4.241
		60	-7.862	-8.167	-6.481	-5.034	-5.022	-6.291	-8.275	-7.752	-4.846	-2.824	-1.915	-2.403
		75	-5.137	-5.977	-4.342	-2.396	-1.733	-2.059	-3.208	-4.112	-3.014	-0.631	0.707	0.522
		90	-5.85	-5.326	-2.927	-0.913	0.151	0.613	0.353	-0.273	-0.561	0.402	1.5	1.749
		105	-4.817	-3.046	-0.487	1.446	2.445	2.831	2.828	2.387	1.594	1.251	1.244	1.049
		120	-2.213	-0.474	1.24	2.457	3.352	3.991	4.123	3.811	3.36	2.833	2.4	1.647
		135	-1.708	-0.344	1.057	2.15	2.915	3.437	3.715	3.735	3.613	3.226	2.685	1.658
		150	-1.458	-0.278	0.893	1.803	2.531	3.026	3.166	2.945	2.592	1.991	1.447	0.523
		165	-1.753	-1.003	-0.322	0.111	0.523	0.752	0.826	0.731	0.533	0.079	-0.121	-0.738
		180	-1.752	-1.567	-1.352	-1.159	-1.176	-1.246	-1.399	-1.582	-1.861	-1.766	-1.622	-1.67
		195	-0.741	-1.41	-1.97	-2.569	-3.059	-3.551	-4.057	-4.184	-3.884	-3.285	-2.832	-2.313
		210	-1.715	-2.624	-3.511	-4.521	-5.513	-6.254	-6.741	-6.778	-6.223	-5.456	-4.406	-3.566
		225	0.866	-0.647	-1.963	-3.158	-4.298	-4.742	-4.284	-3.708	-3.573	-3.696	-3.481	-2.859
		240	0.445	-0.93	-2.184	-3.226	-3.633	-3.628	-3.219	-2.559	-2.362	-2.769	-3.281	-3.144
		255	-0.313	-1.858	-3.302	-4.101	-4.105	-3.913	-3.706	-3.192	-2.81	-3.042	-3.738	-4.606
		270	0.481	-1.3	-3.475	-5.055	-5.556	-6.159	-7.032	-7.112	-6.472	-5.319	-4.358	-4.592
		285	-0.723	-2.735	-4.708	-5.969	-5.732	-4.984	-5.352	-6.879	-8.479	-7.049	-4.965	-4.662
		300	-3.464	-4.407	-4.357	-4.061	-3.568	-2.832	-2.326	-2.913	-4.209	-4.718	-4.518	-5.786
		315	-3.99	-3.102	-3.001	-3.312	-3.239	-3.272	-3.669	-4.031	-3.897	-3.674	-3.863	-5.35
		330	-3.179	-2.589	-2.764	-3.816	-6.274	-11.041	-15.163	-9.791	-5.844	-4.074	-3.558	-4.111
		345	-2.998	-3.516	-4.447	-6.117	-9.263	-16.784	-20.925	-12.049	-7.977	-5.796	-4.79	-4.304
		360	-11.634	-11.634	-11.634	-11.634	-11.634	-11.634	-11.634	-11.634	-11.634	-11.634	-11.634	-11.634

DB-2500MHZ

Frequency(MHz)	Polarization	Category	Theta\Phi	0	15	30	45	60	75	90	105	120	135	150	165
2500	Polarization-H	Amplitude	0	-15.921	-15.823	-15.565	-15.237	-14.932	-14.721	-14.646	-14.721	-14.932	-15.237	-15.565	-15.823
			15	-11.453	-13.327	-14.214	-14.891	-16.33	-18.071	-19.664	-27.069	-23.651	-14.713	-9.927	-6.957
			30	-12.162	-14.902	-13.553	-12.925	-14.452	-15.361	-15.031	-18.425	-25.027	-13.93	-8.513	-5.498
			45	-12.895	-15.418	-10.641	-8.111	-8.466	-12.302	-18.588	-15.319	-12.183	-9.52	-7.071	-5.205
			60	-9.365	-9.111	-6.918	-5.749	-6.615	-9.852	-19.288	-14.707	-8.097	-5.723	-4.86	-5.053
			75	-8.73	-7.91	-6.185	-4.926	-4.959	-6.811	-12.969	-22.551	-8.961	-4.562	-3.338	-4.239
			90	-9.663	-8.503	-6.16	-4.403	-4.508	-6.926	-12.47	-21.751	-11.21	-5.545	-3.056	-2.963
			105	-9.349	-6.711	-4.325	-3.365	-3.954	-6.575	-12.995	-17.601	-10.357	-5.714	-3.316	-2.61
			120	-5.946	-3.551	-1.592	-1.068	-2.156	-4.878	-9.619	-13.505	-9.519	-6.022	-3.488	-2.416
			135	-3.642	-2.55	-1.985	-2.462	-4.235	-8.097	-16.192	-14.221	-8.444	-5.529	-3.765	-2.936
			150	-2.44	-1.703	-1.521	-2.183	-3.798	-6.614	-11.445	-14.847	-10.001	-6.259	-3.99	-2.867
			165	-2.125	-1.944	-2.392	-3.644	-5.842	-9.917	-18.275	-15.276	-8.616	-5.311	-3.398	-2.558
			180	-2.25	-2.432	-3.168	-4.626	-7.344	-12.036	-22.27	-15.6	-8.802	-5.592	-3.5	-2.519
			195	-1.662	-2.068	-3.072	-5.017	-8.04	-13.559	-31.027	-13.836	-8.463	-5.64	-3.818	-2.694
			210	-3.248	-3.417	-4.299	-6.185	-9.461	-16.064	-25.509	-13.079	-8.73	-6.604	-5.232	-4.299
			225	-2.49	-2.716	-3.376	-4.833	-7.934	-14.797	-24.329	-11.465	-7.397	-5.802	-5.197	-4.69
			240	-2.381	-3.403	-4.926	-7.066	-9.978	-15.301	-14.788	-8.819	-6.415	-5.997	-6.584	-6.819
			255	-3.526	-5.267	-7.544	-10.211	-12.772	-15.131	-14.277	-10.449	-8.458	-8.754	-9.634	-10.022
			270	-4.088	-6.89	-10.552	-15.781	-17.806	-15.267	-13.715	-12.958	-14.461	-17.419	-14.608	-11.259
			285	-5.411	-7.059	-9.048	-13.773	-34.718	-16.798	-13.769	-14.988	-18.286	-14.59	-10.68	-9.912
			300	-5.424	-5.67	-6.617	-9.335	-14.618	-20.57	-17.488	-14.601	-12.048	-8.727	-7.251	-8.166
			315	-4.937	-5.201	-6.138	-7.249	-9.179	-13.688	-21.522	-14.463	-9.623	-7.296	-6.589	-8.169
			330	-5.553	-5.172	-5.896	-7.843	-11.513	-18.455	-29.444	-15.91	-10.901	-8.848	-8.208	-9.308
			345	-5.099	-4.772	-5.101	-6.588	-9.852	-17.477	-23.866	-13.648	-9.655	-7.993	-8.03	-9.554
			360	-15.921	-15.823	-15.565	-15.237	-14.932	-14.721	-14.646	-14.721	-14.932	-15.237	-15.565	-15.823

DB-2500MHZ

Polarization-V	Amplitude												
	0	-14.646	-14.721	-14.932	-15.237	-15.565	-15.823	-15.921	-15.823	-15.565	-15.237	-14.932	-14.721
	15	-6.522	-6.081	-6.245	-6.784	-7.334	-7.524	-7.292	-6.845	-6.365	-6.27	-6.357	-7.399
	30	-8.004	-8.725	-8.868	-8.863	-9.261	-9.789	-10.532	-11.184	-11.503	-11.181	-10.598	-9.693
	45	-11.738	-11.894	-13.817	-18.436	-18.111	-16.758	-21.537	-35.372	-26.546	-22.562	-20.818	-17.556
	60	-20.09	-23.57	-17.645	-12.508	-10.25	-9.367	-9.305	-9.518	-8.552	-6.383	-5.135	-5.984
	75	-9.378	-12.003	-9.854	-7.38	-6.086	-4.948	-4.434	-4.993	-5.427	-3.977	-2.189	-1.857
	90	-9.532	-9.359	-6.958	-4.702	-2.591	-0.86	-0.327	-0.679	-1.57	-2.003	-1.674	-1.079
	105	-7.274	-5.725	-3.423	-1.31	0.24	1.365	1.943	1.688	0.671	-0.639	-1.775	-2.509
	120	-5.245	-3.621	-2.152	-0.489	1.394	2.877	3.469	3.276	2.608	1.634	0.411	-1.32
	135	-7.138	-5.059	-2.485	-0.21	1.489	2.641	3.144	3.076	2.609	1.798	0.711	-1.077
	150	-10.043	-6.842	-3.625	-1.111	0.709	1.882	2.349	2.167	1.591	0.514	-0.829	-3.127
	165	-14.303	-8.526	-4.905	-2.586	-0.945	0.052	0.485	0.351	-0.314	-1.775	-3.573	-6.7
	180	-31.593	-13.714	-7.928	-4.918	-3.173	-2.267	-2.029	-2.377	-3.567	-5.263	-8.27	-14.355
	195	-10.547	-17.519	-13.393	-8.543	-6.19	-4.964	-4.737	-5.185	-6.224	-7.789	-10.93	-15.418
	210	-8.867	-15.515	-17.508	-11.901	-9.016	-7.721	-7.736	-8.857	-10.584	-12.433	-13.427	-13.228
	225	-3.009	-7.155	-11.457	-10.277	-7.449	-5.754	-5.168	-5.677	-7.336	-9.378	-9.508	-8.429
	240	-3.466	-5.774	-6.843	-6.167	-5.044	-4.284	-4.093	-4.556	-5.583	-6.7	-6.88	-5.821
	255	-3.62	-4.972	-5.823	-5.669	-5.1	-4.681	-4.566	-4.56	-4.503	-4.622	-5.406	-6.86
	270	-2.172	-3.518	-5.632	-6.564	-6.561	-7.342	-8.833	-8.912	-7.115	-5.332	-4.762	-6.202
	285	-3.366	-5.81	-7.568	-7.044	-6.189	-5.994	-6.776	-8.503	-10.436	-9.738	-8.014	-7.676
	300	-9.216	-13.06	-9.745	-6.335	-4.683	-3.678	-3.063	-3.611	-5.325	-7.823	-10.767	-15.559
	315	-12.265	-8.329	-6.648	-5.947	-4.618	-3.701	-3.931	-4.826	-5.738	-6.82	-8.319	-10.375
	330	-8.982	-7.611	-6.765	-7.177	-9.282	-13.17	-13.997	-10.248	-7.607	-6.537	-6.51	-7.228
	345	-7.425	-9.657	-13.133	-17.22	-24.315	-34.205	-34.571	-32.825	-18.172	-12.378	-9.184	-7.301
	360	-14.646	-14.721	-14.932	-15.237	-15.565	-15.823	-15.921	-15.823	-15.565	-15.237	-14.932	-14.721

DB-2500MHZ

Polarization-Total	Amplitude	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360
		-11.827	-4.912	-6.193	-8.868	-8.612	-5.632	-6.187	-4.778	-2.171	-1.637	-1.345	-1.469	-1.845	-0.734	-1.795	0.669	0.521	-0.163	0.385	-0.859	-3.508	-3.8	-3.527	-2.698	-11.827
		-11.827	-4.931	-7.387	-9.898	-8.558	-6.081	-5.5	-2.779	-0.176	-0.216	-0.143	-0.681	-1.72	-1.546	-2.757	-0.981	-1.018	-1.707	-1.475	-2.98	-4.542	-3.079	-2.812	-3.151	-11.827
		-11.827	-5.202	-7.197	-8.535	-6.165	-4.232	-3.13	-0.441	1.547	1.183	0.964	-0.059	-1.516	-2.286	-3.696	-2.348	-2.37	-3.188	-4.019	-4.835	-4.495	-2.976	-2.899	-4.066	-11.827
		-11.827	-5.759	-7.025	-7.326	-4.518	-2.572	-1.139	1.193	2.641	2.219	1.796	0.327	-1.359	-3.021	-4.753	-3.342	-3.183	-3.961	-5.673	-5.807	-4.171	-3.139	-4.087	-5.827	-11.827
		-11.827	-6.418	-7.713	-7.618	-4.653	-2.076	-0.034	2.041	3.382	2.919	2.426	0.673	-1.365	-3.607	-5.823	-4.275	-3.435	-4.014	-5.847	-5.783	-3.863	-2.915	-6.845	-9.3	-11.827
		-11.827	-6.757	-8.326	-10.572	-6.193	-2.37	0.501	2.412	3.95	3.393	2.857	0.868	-1.431	-4.002	-6.728	-4.844	-3.554	-3.906	-6.293	-5.248	-3.19	-2.886	-11.643	-16.986	-11.827
		-11.827	-6.648	-8.813	-16.407	-8.489	-3.465	0.33	2.481	4.077	3.594	2.927	0.942	-1.588	-4.327	-7.265	-4.715	-3.338	-3.725	-7.211	-5.585	-2.509	-3.456	-13.475	-23.112	-11.827
		-11.827	-6.404	-10.033	-14.876	-7.969	-4.517	-0.246	2.139	3.766	3.556	2.653	0.868	-1.775	-4.23	-7.064	-4.26	-2.773	-3.164	-7.07	-7.223	-2.878	-3.977	-8.805	-13.195	-11.827
		-11.827	-5.885	-10.914	-11.627	-4.908	-3.434	-0.722	1.401	3.266	3.337	2.282	0.685	-2.029	-3.791	-6.148	-3.956	-2.569	-2.634	-5.981	-9.376	-4.088	-3.849	-5.539	-8.683	-11.827
		-11.827	-5.289	-8.931	-8.909	-2.63	-0.85	-0.012	0.936	2.721	2.935	1.742	0.218	-2.014	-3.173	-5.196	-3.822	-2.924	-2.804	-4.671	-8.109	-4.841	-3.641	-4.13	-6.244	-11.827
		-11.827	-4.375	-6.021	-6.492	-1.585	0.685	1.1	0.933	2.295	2.436	1.283	-0.075	-1.85	-2.646	-4.219	-3.428	-3.319	-3.614	-3.934	-5.735	-5.253	-3.958	-3.866	-5.158	-11.827
		-11.827	-3.762	-3.697	-4.559	-2.083	0.524	1.491	0.851	1.577	1.502	0.415	-0.743	-1.843	-2.068	-3.376	-2.759	-2.881	-4.749	-4.622	-5.242	-7.039	-5.723	-4.734	-4.873	-11.827

DB-5150MHZ

Frequency(MHz)	Polarization	Category	Theta\Phi	0	15	30	45	60	75	90	105	120	135	150	165
5150M	Polarization-H	Amplitude	0	-9.867	-9.802	-9.629	-9.404	-9.19	-9.039	-8.985	-9.039	-9.19	-9.404	-9.629	-9.802
			15	-1.641	-1.643	-0.041	0.656	-1.887	-10.167	-10.008	-5.649	-5.31	-6.34	-9.215	-9.583
			30	-1.385	-2.692	-2.235	-2.322	-3.687	-7.118	-12.475	-5.737	-2.494	-3.138	-8.372	-8.996
			45	-10.752	-12.414	-12.945	-7.764	-5.029	-6.268	-14.295	-15.845	-5.379	-4.412	-13.237	-11.103
			60	-5.072	-7.59	-9.906	-8.158	-6.346	-9.63	-16.925	-5.888	-2.483	-4.142	-9.035	-9.478
			75	-2.548	-4.753	-11.215	-8.717	-6.487	-13.463	-14.224	-4.288	-0.378	-2.594	-10.386	-12.572
			90	-2.909	-4.787	-10.059	-16.611	-8.427	-11.181	-14.737	-6.061	-1.927	-1.438	-6.115	-7.357
			105	-3.647	-4.459	-8.834	-18.839	-7.387	-8.884	-21.605	-6.371	-2.366	-2.153	-8.623	-8.106
			120	-9.605	-7.256	-10.643	-17.43	-29.046	-25.499	-19.464	-11.237	-4.419	-2.787	-7.214	-7.94
			135	-11.158	-9.656	-4.697	-4.98	-5.861	-6.332	-11.241	-16.438	-13.936	-11.158	-10.904	-5.738
			150	-6.365	-7.44	-4.426	-0.885	-0.945	-4.397	-8.063	-12.753	-26.779	-25.82	-25.947	-14.173
			165	-8.448	-8.136	-6.661	-5.319	-4.5	-4.986	-8.787	-20.836	-20.124	-16.536	-15.41	-16.888
			180	-31.986	-25.264	-21.052	-17.455	-15.267	-15.393	-15.988	-22.318	-18.38	-19.549	-24.905	-42.08
			195	-19.541	-20.919	-20.194	-16.017	-13.961	-14.869	-20.426	-22.571	-13.265	-9.122	-7.274	-7.221
			210	-10.33	-9.821	-10.755	-14.476	-15.373	-12.605	-14.91	-15.485	-8.686	-4.166	-2.834	-3.771
			225	-3.563	-3.252	-4.799	-10.216	-18.67	-15.231	-14.531	-10.988	-9.145	-5.067	-3.566	-5.361
			240	-7.906	-10.01	-13.063	-13.027	-19.616	-20.538	-18.156	-11.922	-6.068	-5.539	-7.022	-9.314
			255	-6.697	-6.939	-9.028	-16.679	-11.951	-24.999	-14.08	-15.219	-10.619	-10.739	-7.726	-3.974
			270	-4.9	-4.948	-4.84	-10.254	-11.864	-20.487	-16.003	-15.475	-9.8	-9.334	-10.041	-4.13
			285	-8.68	-6.739	-6.825	-21.879	-11.574	-16.537	-12.278	-10.211	-8.733	-6.835	-5.663	-3.524
			300	-13.882	-12.714	-11.792	-12.436	-10.11	-11.747	-10.662	-9.662	-7.138	-9.098	-7.817	-4.233
			315	-10.56	-14.986	-14.232	-21.013	-14.101	-11.226	-14.64	-21.475	-14.613	-11.622	-14.861	-13.429
			330	-6.039	-6.51	-8.396	-5.234	-6.975	-10.616	-24.11	-7.483	-6.7	-5.782	-2.26	-1.171
			345	-7.561	-7.15	-12.629	-6.619	-2.902	-5.258	-12.202	-4.085	-3.168	-3.003	-1.769	-0.214
			360	-9.867	-9.802	-9.629	-9.404	-9.19	-9.039	-8.985	-9.039	-9.19	-9.404	-9.629	-9.802

DB-5150MHZ

Polarization-V	Amplitude
0	-8.985
15	-9.213
30	-2.56
45	-9.753
60	-6.369
75	-0.462
90	0.629
105	-6.442
120	-3.583
135	-5.054
150	-3.1
165	-6.596
180	-17.717
195	-14.737
210	-9.785
225	-2.627
240	0.56
255	-11.079
270	1.341
285	-1.153
300	-13.323
315	-2.493
330	-1.299
345	0.174
360	-8.985

0	-8.985	-9.039	-9.19	-9.404	-9.629	-9.802	-9.867	-9.802	-9.629	-9.404	-9.19	-9.039
15	-9.213	-3.781	-1.973	-1.388	-2.622	-5.085	-6.78	-4.153	-2.567	-1.392	0.054	0.496
30	-2.56	-1.313	0.335	0.98	0.964	0.526	-2.385	-1.43	0.439	1.113	1.528	1.451
45	-9.753	-4.93	-1.162	-0.087	-1.224	-4.352	-7.08	-8.298	-2.908	0.608	1.885	1.36
60	-6.369	-3.115	-0.876	-4.522	-8.054	-6.637	-3.259	-3.994	-9.266	-5.976	-2.925	-6.012
75	-0.462	1.413	2.908	2.568	2.347	-0.067	-2.747	-3.557	-4.598	-4.237	-2.502	-1.268
90	0.629	1.501	1.99	0.814	-0.636	-1.473	-2.375	-7.487	-12.057	-5.575	-1.245	0.293
105	-6.442	-3.557	-3.715	-1.939	-1.658	-4.599	-8.021	-8.176	-8.993	-3.064	-0.792	-3.79
120	-3.583	-3.463	-3.185	-2.498	-2.673	-4.105	-8.059	-13.087	-9.481	-1.289	2.112	2.119
135	-5.054	-4.962	-8.052	-11.801	-8.479	-3.383	-1.64	-1.804	-3.481	-4.641	-4.798	-4.071
150	-3.1	-4.376	-9.197	-22.221	-13.397	-9.61	-4.207	-2.683	-2.868	-5.644	-8.896	-11.051
165	-6.596	-7.153	-10.441	-19.727	-14.634	-7.817	-5.981	-7.767	-9.962	-14.491	-18.581	-19.135
180	-17.717	-16.737	-18.361	-19.601	-20.334	-23.583	-27.081	-21.815	-23.26	-24.152	-21.096	-20.078
195	-14.737	-13.159	-11.414	-9.886	-9.82	-10.447	-10.314	-11.172	-16.934	-14.3	-9.225	-6.388
210	-9.785	-9.494	-10.616	-20.037	-18.614	-14.222	-13.348	-14.473	-17.015	-10.521	-5.664	-3.615
225	-2.627	-1.638	-1.672	-3.115	-6.105	-14.855	-17.21	-11.329	-8.942	-6.155	-5.313	-4.786
240	0.56	-1.794	-1.213	-0.863	-4.142	-12.053	-20.223	-20.754	-10.748	-8.783	-9.566	-6.2
255	-11.079	-5.244	-1.539	-0.432	-2.737	-7.262	-11.98	-10.851	-9.293	-9.848	-9.731	-8.529
270	1.341	-0.708	-0.667	-0.759	-5.03	-15.057	-16.963	-14.31	-10.631	-12.099	-5.656	-2.016
285	-1.153	-3.685	-13.313	-11.353	-6.103	-5.871	-7.454	-6.43	-7.778	-8.368	-4.907	-2.678
300	-13.323	-12.184	-3.672	-4.46	-7.917	-7.91	-9.351	-22.369	-11.282	-9.693	-8.646	-8.436
315	-2.493	-7.256	-14.332	-8.647	-5.497	-6.182	-8.423	-7.625	-10.116	-22.967	-13.972	-11.622
330	-1.299	-9.018	-12.281	-7.661	-8.138	-4.898	-4.465	-7.265	-7.189	-5.893	-4.058	-3.075
345	0.174	-2.999	-7.129	-4.294	-0.289	0.479	-1.27	-5.111	-12.458	-18.436	-16.083	-12.875
360	-8.985	-9.039	-9.19	-9.404	-9.629	-9.802	-9.867	-9.802	-9.629	-9.404	-9.19	-9.039

DB-5150MHZ

Polarization-Total												
Amplitude												
0	-5.794	-5.794	-5.794	-5.794	-5.794	-5.794	-5.794	-5.794	-5.794	-5.794	-5.794	-5.794
15	-0.341	1.029	2.71	3.364	1.371	-3.311	-4.49	-1.227	-0.115	0.414	1.14	1.503
30	1.677	1.662	2.848	3.246	2.843	1.816	-1.379	0.54	2.826	3.098	2.551	2.426
45	-6.614	-3.617	-0.283	1.198	0.888	-1.595	-5.724	-6.994	-0.36	2.397	2.617	2.2
60	-2.062	-1.19	0.236	-2.36	-3.506	-4.27	-2.476	-1.228	-1.056	-1.353	-1.373	-3.798
75	2.229	2.953	3.673	3.48	3.481	0.728	-1.848	-0.297	1.616	0.272	-1.247	-0.358
90	2.821	3.018	2.853	1.492	0.632	-0.431	-1.53	-3.106	-0.924	0.579	0.58	1.582
105	-1.213	-0.374	-1.95	-1.251	-0.029	-2.623	-7.235	-3.57	-0.911	1.026	0.47	-1.822
120	-2.014	-1.348	-1.868	-1.761	-2.063	-3.473	-7.156	-8.454	-2.641	1.637	3.192	3.128
135	-3.501	-3.093	-2.448	-3.559	-3.365	-1.002	-0.588	-1.058	-2.506	-3.167	-3.246	-1.215
150	-0.823	-2.033	-2.577	-0.254	-0.105	-2.654	-2.11	-1.675	-2.25	-5.003	-8.212	-8.727
165	-3.814	-4.006	-4.542	-4.564	-3.499	-2.564	-3.551	-6.958	-8.963	-11.784	-13.102	-14.258
180	-16.958	-15.566	-15.891	-14.786	-13.49	-14.18	-15.063	-18.448	-16.557	-17.657	-18.985	-19.45
195	-12.896	-11.886	-10.274	-8.339	-7.804	-8.508	-9.31	-10.268	-11.113	-7.371	-4.531	-3.174
210	-6.439	-6.044	-7.074	-12.811	-13.087	-9.729	-10.449	-11.339	-7.49	-2.662	-0.412	-0.082
225	0.54	1.24	0.65	-1.741	-5.271	-11.429	-12.057	-7.545	-5.432	-1.967	-0.742	-1.454
240	1.738	-0.584	-0.338	-0.007	-3.421	-10.877	-15.458	-10.788	-4.196	-3.255	-4.5	-3.873
255	-4.747	-2.399	-0.227	0.27	-1.646	-6.59	-9.294	-8.897	-6.295	-6.66	-5.004	-2.069
270	2.867	1.28	1.339	0.303	-3.612	-13.363	-12.847	-11.244	-6.585	-6.889	-3.707	0.665
285	0.154	-1.338	-5.346	-10.385	-4.418	-4.914	-5.618	-4.311	-4.619	-3.924	-1.658	0.53
300	-9.983	-8.831	-2.45	-3.218	-5.266	-5.807	-6.347	-8.836	-5.123	-5.775	-4.601	-2.234
315	-1.263	-5.979	-10.671	-7.803	-4.336	-4.4	-6.893	-6.85	-8.196	-10.714	-10.783	-8.822
330	0.558	-3.975	-6.307	-2.67	-3.907	-3.267	-3.818	-3.762	-3.328	-2.227	0.544	1.591
345	1.45	-0.986	-5.451	-1.693	2.208	2.107	-0.333	-0.957	-2.084	-2.28	-1.011	0.615
360	-5.794	-5.794	-5.794	-5.794	-5.794	-5.794	-5.794	-5.794	-5.794	-5.794	-5.794	-5.794

DB-5350MHZ

Frequency(MHz)	Polarization	Category	Theta\Phi	0	15	30	45	60	75	90	105	120	135	150	165
5350M	Polarization-H	Amplitude	0	-9.263	-9.292	-9.37	-9.48	-9.592	-9.676	-9.707	-9.676	-9.592	-9.48	-9.37	-9.292
			15	-0.701	-0.723	0.388	1.048	-0.597	-6.638	-16.838	-8.351	-4.887	-5.192	-7.482	-9.345
			30	-1.679	-2.988	-2.747	-2.499	-4.034	-6.972	-15.225	-6.75	-1.614	-1.506	-5.347	-8.738
			45	-7.459	-8.18	-9.271	-7.844	-5.609	-7.606	-20.729	-21.622	-5.75	-4.192	-11.243	-18.255
			60	-5.591	-8.019	-7.705	-5.789	-5.756	-11.485	-11.654	-4.15	-2.47	-5.766	-11.084	-9.926
			75	-2.155	-4.503	-10.14	-8.551	-6.907	-15.362	-8.139	-2.138	-0.301	-2.863	-10.399	-10.714
			90	-3.322	-5.119	-10.673	-16.506	-8.772	-12.165	-10.88	-3.579	-2.163	-2.496	-6.347	-6.643
			105	-4.05	-4.578	-9.029	-20.912	-7.172	-7.989	-22.444	-4.927	-1.455	-1.707	-8.483	-7.902
			120	-10.326	-7.662	-8.699	-13.902	-18.903	-27.091	-18.504	-13.54	-5.058	-2.857	-6.227	-6.675
			135	-10.878	-9.939	-4.766	-3.541	-5.071	-5.196	-10.746	-20.238	-14.305	-13.093	-10.983	-4.324
			150	-6.043	-5.335	-3.005	-0.156	0.289	-2.711	-8.401	-18.193	-21.592	-18.119	-18.809	-11.423
			165	-9.491	-7.159	-5.317	-4.784	-4.768	-5.604	-8.678	-17.657	-13.449	-11.5	-12.223	-14.817
			180	-24.771	-18.984	-16.512	-15.063	-13.966	-13.807	-16.124	-16.612	-17.78	-19.536	-23.38	-36.15
			195	-20.792	-32.563	-20.434	-15.309	-14.098	-14.808	-15.05	-14.154	-13.19	-11.034	-9.687	-9.534
			210	-9.075	-9.659	-11.49	-14.18	-12.561	-15.711	-42.293	-18.83	-10.52	-5.205	-3.693	-4.823
			225	-2.548	-2.415	-4.615	-10.62	-12.844	-11.437	-16.834	-16.23	-12.204	-5.469	-3.967	-6.166
			240	-6.208	-8.548	-11.858	-13.125	-23.043	-16.906	-14.153	-14.28	-7.129	-5.035	-5.711	-8.891
			255	-7.091	-7.945	-9.813	-17.004	-11.525	-25.724	-11.896	-15.98	-12.613	-10.005	-7.198	-4.784
			270	-5.607	-5.124	-4.228	-9.259	-9.64	-18.567	-11.506	-12.748	-9.866	-9.468	-9.687	-3.832
			285	-8.975	-5.781	-5.514	-17.256	-10.066	-16.003	-10.232	-8.737	-9.872	-7.481	-6.007	-3.273
			300	-12.521	-10.321	-9.196	-9.689	-7.893	-13.887	-10.523	-8.787	-8.17	-9.844	-7.65	-4.28
			315	-15.876	-19.031	-17.45	-29.907	-20.457	-13.528	-14.381	-15.638	-13.553	-11.641	-12.391	-9.981
			330	-8.349	-8.959	-9.562	-5.636	-7.329	-10.482	-20.925	-8.643	-7.63	-5.973	-2.383	-1.315
			345	-8.125	-8.75	-11.184	-3.883	-1.952	-5.633	-12.397	-6.045	-2.737	-2.504	-0.681	0.771
			360	-9.263	-9.292	-9.37	-9.48	-9.592	-9.676	-9.707	-9.676	-9.592	-9.48	-9.37	-9.292

DB-5350MHZ

Polarization-V Amplitude

0	-9.707	-9.676	-9.592	-9.48	-9.37	-9.292	-9.263	-9.292	-9.37	-9.48	-9.592	-9.676
15	-12.439	-5.63	-2.94	-1.726	-3.16	-6.504	-5.941	-4.557	-5.276	-3.086	-0.817	0.595
30	-2.481	-1.761	-0.098	0.341	-0.155	-0.337	-3.255	-2.474	-0.496	-0.08	0.406	0.31
45	-8.971	-3.985	-0.239	0.073	-1.608	-5.882	-9.712	-10.445	-3.943	0.009	1.472	1.375
60	-5.776	-2.364	-0.291	-4.541	-8.504	-6.649	-2.38	-2.561	-7.126	-5.688	-2.973	-5.998
75	-0.071	0.903	2.427	2.065	1.863	-0.228	-3.016	-4.598	-4.825	-4.544	-2.991	-1.304
90	0.993	2.042	2.318	1.335	-0.331	-1.184	-1.897	-6.586	-12.487	-6.869	-1.425	0.455
105	-5.155	-2.459	-2.584	-2.2	-1.076	-4.15	-10.168	-9.363	-12.41	-4.1	-0.54	-2.495
120	-1.657	-2.124	-3.132	-2.814	-2.82	-2.874	-5.103	-8.096	-8.206	-1.317	2.409	2.969
135	-7.849	-5.769	-7.22	-14.86	-7.58	-2.031	-1.259	-0.985	-1.611	-2.617	-3.911	-3.588
150	-3.957	-5.153	-10.22	-18.388	-9.005	-8.315	-4.769	-2.337	-2.093	-3.74	-5.534	-7.155
165	-6.237	-6.537	-9.545	-16.713	-21.197	-9.489	-5.758	-5.403	-7.051	-9.851	-11.607	-11.821
180	-14.237	-15.084	-16.012	-17.781	-21.356	-26.698	-28.807	-23.133	-22.33	-18.458	-15.42	-13.731
195	-12.526	-12.913	-11.968	-11.13	-11.269	-11.755	-12.962	-16.67	-16.931	-13.006	-9.116	-6.268
210	-8.501	-8.451	-12.696	-27.998	-13.328	-12.095	-14.254	-16.929	-14.406	-9.573	-5.897	-4.08
225	-1.84	-1.065	-2.353	-3.923	-7.547	-21.954	-15.192	-11.82	-8.433	-6.23	-6.728	-9.078
240	1.99	-0.08	-1.059	-0.989	-5.299	-16.526	-29.818	-15.171	-8.673	-8.203	-8.557	-3.74
255	-9.607	-7.117	-2.653	-1.048	-3.692	-8.68	-13.001	-8.471	-7.279	-9.235	-8.211	-6.904
270	1.593	0.15	-0.169	-0.666	-4.631	-13.57	-18.401	-17.628	-11.532	-11.657	-3.382	-0.476
285	-0.208	-1.995	-8.327	-8.803	-4.489	-6.017	-7.461	-6.903	-8.102	-7.433	-3.061	-1.471
300	-11.044	-14.098	-5.076	-5.602	-8.673	-9.215	-12.377	-19.875	-13.366	-10.382	-8.764	-8.789
315	-1.441	-4.772	-12.075	-9.39	-5.729	-7.496	-9.42	-7.999	-12.594	-18.697	-9.509	-9.37
330	-2.016	-9.839	-12.181	-8.208	-9.896	-5.678	-5.299	-8.86	-7.697	-6.082	-3.795	-2.664
345	-0.372	-2.769	-6.942	-5.64	-1.706	-0.467	-1.795	-6.28	-16.057	-9.876	-9.667	-12.522
360	-9.707	-9.676	-9.592	-9.48	-9.37	-9.292	-9.263	-9.292	-9.37	-9.48	-9.592	-9.676

DB-5350MHZ

Polarization-Total Amplitude

0	-5.869	-5.869	-5.869	-5.869	-5.869	-5.869	-5.869	-5.869	-5.869	-5.869	-5.869	-5.869
15	0.18	1.093	2.646	3.489	1.918	-2.96	-5.001	-2.442	-1.467	-0.402	0.631	1.614
30	1.549	1.279	2.387	2.759	1.936	1.116	-2.388	-0.495	2.591	2.876	2.03	1.42
45	-4.539	-1.985	0.873	1.323	0.447	-3.049	-8.781	-9.526	-1.143	2.008	2.299	2.022
60	-2.072	-0.719	1.033	-1.51	-3.306	-4.816	-1.295	0.327	-0.591	-2.117	-1.749	-3.922
75	2.621	2.602	3.261	3.027	3.004	0.503	-1.252	0.414	1.612	-0.012	-1.666	-0.233
90	2.961	3.406	3.131	2.006	0.85	-0.251	-0.78	-1.217	-1.177	-0.544	0.387	1.829
105	-0.957	0.22	-1.096	-1.542	0.478	-2.048	-9.318	-2.991	-0.519	0.87	0.707	-0.796
120	-0.504	-0.454	-1.468	-1.888	-2.115	-2.258	-4.309	-6.405	-2.743	1.591	3.566	4.016
135	-5.494	-3.762	-2.212	-2.631	-2.537	0.279	-0.195	-0.334	-0.783	-1.644	-2.533	-0.33
150	-1.265	-1.633	-1.65	0.509	1.372	-1.055	-2.606	-1.625	-1.445	-2.985	-4.735	-5.174
165	-3.956	-3.227	-3.325	-3.914	-4.071	-3.516	-3.366	-4.552	-5.555	-6.987	-8.294	-9.456
180	-13.269	-13	-12.645	-12.603	-12.639	-12.989	-15.296	-15.138	-15.874	-15.353	-14.176	-13.106
195	-11.323	-12.266	-10.79	-9.125	-8.847	-9.408	-10.272	-11.622	-11.059	-8.299	-5.782	-3.991
210	-5.168	-5.403	-8.441	-13.404	-9.317	-9.927	-13.647	-14.166	-8.431	-3.251	-1.046	-0.825
225	1.431	1.922	0.272	-2.481	-5.823	-10.467	-12.326	-9.877	-6.311	-2.223	-1.522	-3.772
240	3.202	1.098	-0.112	-0.131	-4.627	-13.101	-13.437	-11.092	-4.223	-2.726	-3.295	-1.982
255	-4.559	-3.901	-1.289	-0.339	-2.43	-7.995	-8.803	-7.161	-5.564	-5.992	-4.065	-2.105
270	2.951	1.879	1.87	0.496	-2.84	-11.776	-10.098	-10.926	-7.009	-6.816	-1.868	1.773
285	0.934	0.122	-3.086	-7.623	-2.828	-5.002	-5.019	-4.114	-5.287	-3.847	-0.678	1.331
300	-8.11	-8.201	-3.054	-3.571	-4.655	-7.341	-7.741	-7.862	-6.423	-6.494	-4.561	-2.364
315	-0.687	-4.012	-10.369	-8.752	-4.985	-5.929	-7.617	-6.709	-9.437	-10.26	-7.105	-6.054
330	-0.508	-5.766	-7.067	-3.124	-4.815	-3.837	-4.582	-5.14	-4.053	-2.417	0.578	1.673
345	0.902	-1.192	-4.954	-1.063	1.783	1.287	-0.833	-2.55	-1.94	-1.174	0.436	1.57
360	-5.869	-5.869	-5.869	-5.869	-5.869	-5.869	-5.869	-5.869	-5.869	-5.869	-5.869	-5.869

DB-5500MHZ

Frequency(MHz)	Polarization	Category	Theta\Phi	0	15	30	45	60	75	90	105	120	135	150	165
5500M	Polarization-H	Amplitude	0	-8.022	-8.151	-8.524	-9.09	-9.742	-10.29	-10.509	-10.29	-9.742	-9.09	-8.524	-8.151
			15	0.872	0.469	0.882	1.562	0.883	-3.159	-9.4	-5.665	-3.37	-3.453	-5.423	-7.95
			30	0.29	-0.881	-1.734	-1.673	-3.361	-4.435	-9.078	-5.67	0.085	0.223	-2.625	-6.736
			45	-3.915	-4.346	-4.231	-4.574	-4.549	-7.721	-13.165	-12.631	-6.682	-4.754	-11.04	-16.544
			60	-8.904	-9.163	-4.975	-3.574	-5.57	-13.943	-7.092	-1.762	-1.029	-6.308	-13.465	-15.166
			75	-2.511	-4.521	-7.716	-6.703	-8.562	-21.766	-4.709	-0.781	0.193	-2.932	-7.971	-14.049
			90	-3.563	-6.532	-10.919	-11.96	-9.562	-19.04	-7.539	-2.365	-1.336	-1.741	-6.017	-8.136
			105	-5.536	-6.16	-13.31	-19.646	-9.07	-10.094	-19.076	-4.996	-0.872	-0.295	-5.886	-9.39
			120	-10.115	-6.896	-6.469	-9.839	-10.572	-18.863	-18.983	-16.568	-5.336	-2.284	-4.934	-5.558
			135	-9.92	-6.404	-3.462	-2.568	-4.735	-5.749	-12.533	-24.927	-12.151	-11.094	-14.331	-5.192
			150	-9.29	-5.08	-2.109	-1.147	-1.308	-3.904	-12.187	-25.233	-12.883	-12.062	-16.586	-12.611
			165	-10.949	-7.351	-5.159	-4.522	-5.547	-7.821	-10.542	-14.867	-11.799	-10.065	-11.299	-16.915
			180	-23.191	-16.798	-12.699	-10.768	-10.112	-10.062	-11.777	-14.147	-12.263	-13.739	-16.934	-25.398
			195	-28.967	-20.288	-15.054	-12.835	-11.864	-11.232	-10.052	-8.913	-8.602	-8.88	-9.988	-12.025
			210	-9.532	-8.793	-10.629	-15.629	-14.223	-23.14	-13.352	-7.161	-6.662	-6.449	-6.375	-9.332
			225	-2.369	-1.69	-3.846	-10.025	-12.605	-10.449	-16.32	-15.399	-20.505	-7.701	-5.229	-7.666
			240	-3.937	-5.963	-8.377	-12.43	-21.154	-13.576	-12.071	-21.382	-8.096	-3.998	-4.256	-7.886
			255	-6.875	-8.728	-8.306	-19.072	-12.825	-28.189	-14.232	-25.089	-12.582	-7.28	-5.189	-5.415
			270	-6.821	-4.812	-3.176	-9.055	-7.744	-12.972	-11.974	-15.824	-10.535	-10.696	-9.494	-3.823
			285	-9.962	-4.867	-4.559	-15.911	-6.996	-14.507	-8.347	-9.839	-8.881	-6.201	-5.453	-3.624
			300	-16.106	-9.618	-8.274	-7.528	-6.131	-19.691	-8.534	-8.338	-9.373	-9.854	-7.98	-6.035
			315	-17.707	-11.668	-14.118	-17.01	-19.347	-14.504	-12.097	-13.4	-11.892	-9.345	-7.514	-5.733
			330	-10.32	-13.178	-10.866	-4.723	-7.13	-10.27	-18.231	-8.717	-8.671	-4.471	-1.06	-0.205
			345	-8.057	-7.876	-7.413	-2.106	-0.464	-4.808	-13.898	-5.233	-2.226	-1.895	0.474	2.152
			360	-8.022	-8.151	-8.524	-9.09	-9.742	-10.29	-10.509	-10.29	-9.742	-9.09	-8.524	-8.151

DB-5500MHZ

Polarization-V	Amplitude											
	0	-10.509	-10.29	-9.742	-9.09	-8.524	-8.151	-8.022	-8.151	-8.524	-9.09	-9.742	-10.29
	15	-13.275	-8.199	-5.614	-3.658	-5.49	-9.552	-9.608	-6.986	-6.263	-4.151	-1.624	-0.21
	30	-2.508	-1.881	-0.481	-0.213	-1.501	-1.462	-4.598	-4.764	-1.761	-0.914	-1.526	-2.008
	45	-6.526	-2.137	0.979	0.72	-1.883	-8.009	-12.132	-12.906	-6.21	-1.52	1.268	1.593
	60	-6.321	-2.243	-1.168	-6.907	-10.57	-6.003	-2.277	-2.657	-6.221	-6.81	-3.247	-4.61
	75	-1.149	0.077	1.308	1.522	1.826	0.108	-1.733	-3.926	-6.168	-8.144	-6.809	-2.543
	90	1.379	2.499	3.121	2.197	0.707	-0.841	-2.156	-5.633	-16.252	-14.369	-5.203	-0.996
	105	-3.123	-1.773	-3.354	-3.267	-2.452	-5.613	-13.719	-12.418	-22.338	-6.211	-1.453	-2.927
	120	-1.668	-2.654	-5.07	-4.337	-3.155	-2.079	-2.64	-3.859	-4.301	-1.963	1.206	1.882
	135	-9.233	-5.628	-5.029	-7.474	-4.84	0.143	0.257	-0.398	-0.724	-1.363	-3.029	-3.97
	150	-8.437	-8.433	-13.456	-15.033	-5.575	-4.366	-6.249	-4.782	-4.473	-5.328	-6.701	-8.311
	165	-7.025	-6.908	-9.185	-15.248	-26.729	-13.059	-9.6	-7.734	-8.797	-8.788	-8.292	-8.637
	180	-9.569	-10.156	-10.713	-12.27	-14.802	-19.449	-25.221	-26.391	-15.852	-12.226	-10.193	-9.078
	195	-10.09	-12.92	-13.322	-11.627	-9.938	-8.173	-8.231	-11.497	-13.679	-17.349	-11.211	-7.249
	210	-9.404	-9.6	-17.577	-15.203	-7.996	-6.417	-6.747	-9.072	-14.974	-17.865	-11.808	-9.166
	225	-1.358	-0.939	-2.87	-5.078	-12.609	-15.152	-11.348	-14.564	-12.08	-10.805	-13.778	-15.23
	240	2.195	0.703	-0.486	-1.62	-9.389	-23.11	-15.456	-19.285	-10.519	-9.452	-5.809	-2.931
	255	-7.253	-6.514	-3.397	-1.729	-5.632	-13.75	-16.786	-8.055	-5.477	-8.105	-5.018	-3.406
	270	0.845	0.061	0.52	-0.699	-5.279	-11.789	-16.864	-12.286	-10.262	-7.769	-2.148	-0.453
	285	-0.49	-1.847	-6.955	-7.024	-4.267	-8.176	-7.845	-5.683	-7.245	-5.699	-1.935	-1.259
	300	-9.408	-12.538	-6.634	-7.051	-10.086	-8.981	-16.157	-12.52	-14.858	-12.181	-9.443	-8.17
	315	-1	-4.342	-11.726	-10.987	-6.702	-10.25	-7.984	-7.362	-15.394	-11.471	-6.269	-6.63
	330	-4.94	-13.908	-14.435	-9.16	-9.275	-4.565	-5.456	-7.794	-6.863	-6.456	-4.787	-3.375
	345	-0.247	-2.116	-8.175	-10.115	-3.148	-2.064	-4.899	-11.207	-5.943	-2.8	-4.067	-7.355
	360	-10.509	-10.29	-9.742	-9.09	-8.524	-8.151	-8.022	-8.151	-8.524	-9.09	-9.742	-10.29

DB-5500MHZ

Polarization-Total Amplitude

0	-5.48	-5.48	-5.48	-5.48	-5.48	-5.48	-5.48	-5.48	-5.48	-5.48	-5.48	-5.48
15	1.636	1.623	2.36	3.303	2.384	-1.662	-5.892	-2.665	-0.97	-0.178	0.49	1.066
30	2.723	2.258	2.548	2.728	1.278	0.912	-2.674	-1.583	2.869	3.302	1.569	-0.147
45	-1.417	0.508	2.723	2.444	0.596	-4.252	-9.008	-9.156	-2.829	0.768	2.116	2.259
60	-3.813	-0.839	0.943	-1.318	-3.777	-4.756	-0.439	1.424	0.719	-2.941	-2.252	-3.644
75	1.833	1.97	2.42	2.731	2.806	0.736	0.639	1.535	1.696	-1.189	-3.741	-1.647
90	3.186	3.61	3.889	2.961	1.697	-0.176	-0.451	-0.088	-0.598	-0.91	-1.981	0.371
105	-0.554	0.176	-2.336	-2.568	-0.996	-3.689	-12.009	-3.673	-0.241	1.295	0.483	-1.443
120	-0.488	-0.666	-2.103	-2.659	-1.832	-1.389	-1.94	-3.032	-1.177	1.49	2.751	3.202
135	-5.953	-2.389	-0.565	-0.752	-1.177	1.738	1.08	0.217	0.178	-0.324	-2.118	-0.928
150	-5.232	-2.831	-1.202	-0.373	0.673	-0.519	-4.664	-4.143	-3.288	-3.892	-5.676	-6.339
165	-4.947	-3.514	-3.111	-3.57	-4.914	-6.084	-6.435	-6.366	-6.433	-5.769	-5.93	-7.435
180	-8.785	-8.704	-7.983	-7.844	-8.242	-8.989	-10.985	-13.296	-10.086	-9.307	-8.759	-8.378
195	-9.435	-11.589	-10.492	-8.579	-7.185	-5.828	-5.437	-6.406	-6.827	-7.702	-6.946	-5.401
210	-5.857	-5.567	-9.23	-11.8	-6.467	-5.726	-5.288	-4.402	-5.464	-5.547	-4.682	-5.638
225	1.776	2.312	0.279	-3.272	-8.997	-8.582	-9.548	-11.351	-10.897	-5.371	-4.062	-6.365
240	3.742	2.151	0.768	-0.674	-8.509	-12.517	-9.831	-16.598	-5.53	-2.309	-1.353	-1.127
255	-3.45	-3.871	-1.582	-1.05	-4.273	-12.996	-11.714	-7.37	-4.104	-4.062	-1.492	-0.685
270	2.132	1.885	2.664	0.493	-2.729	-8.73	-10.154	-10.094	-6.786	-5.38	-0.814	1.791
285	0.574	0.511	-1.983	-5.896	-1.81	-6.667	-4.478	-3.671	-4.376	-2.333	0.263	1.328
300	-7.966	-7.227	-3.767	-3.672	-4.063	-8.027	-7.242	-6.334	-7.691	-7.253	-5.04	-3.362
315	-0.308	-3.005	-9.149	-9.418	-5.872	-8.265	-5.96	-5.796	-9.689	-6.669	-3.237	-2.548
330	-3.235	-9.918	-8.683	-2.787	-4.461	-2.931	-4.633	-4.621	-4.063	-1.741	1.075	2.103
345	1.019	-0.493	-4.167	-0.868	2.008	0.388	-3.784	-3.655	-0.088	1.286	2.382	3.213
360	-5.48	-5.48	-5.48	-5.48	-5.48	-5.48	-5.48	-5.48	-5.48	-5.48	-5.48	-5.48

DB-5725MHZ

Frequency(MHz)	Polarization	Category	Theta\Phi	0	15	30	45	60	75	90	105	120	135	150	165
5725M	Polarization-H	Amplitude	0	-6.899	-7.042	-7.459	-8.103	-8.858	-9.508	-9.773	-9.508	-8.858	-8.103	-7.459	-7.042
			15	1.822	1.188	0.746	2.453	3.055	-0.034	-5.053	-2.832	-0.498	-0.38	-1.89	-5.392
			30	1.812	0.613	-0.246	-0.226	-1.154	-0.719	-3.144	-3.914	0.749	0.916	-1.068	-4.126
			45	-2.658	-3.334	-2.484	-1.834	-2.28	-5.856	-7.821	-7.739	-8.28	-9.747	-14.997	-12.275
			60	-16.224	-13.093	-3.551	-1.939	-5.586	-22.39	-3.429	0.254	0.132	-3.366	-6.878	-9.554
			75	-3.677	-5.708	-6.387	-4.965	-8.272	-13.968	-2.182	0.212	0.144	-2.163	-5.555	-10.317
			90	-8.523	-10.73	-10.381	-6.204	-7.574	-29.145	-6.783	-2.369	-0.849	0.068	-3.124	-15.392
			105	-6.205	-7.596	-23.793	-13.394	-11.529	-18.063	-18.774	-7.149	-2.336	-0.371	-4.296	-13.472
			120	-7.206	-3.85	-4.023	-8.028	-8.938	-13.675	-14.012	-26.178	-6.748	-4.171	-6.838	-5.993
			135	-13.643	-5.593	-3.083	-2.889	-4.931	-7.797	-18.313	-12.38	-9.632	-11.964	-13.35	-8.434
			150	-28.984	-10.044	-4.717	-3.909	-5.387	-8.339	-15.593	-13.47	-10.008	-12.083	-28.616	-15.32
			165	-17.253	-21.309	-16.686	-12.167	-10.226	-10.871	-10.921	-10.362	-9.529	-10.726	-13.551	-20.318
			180	-17.362	-13.13	-10.398	-9.166	-8.664	-8.333	-8.284	-8.512	-9.55	-11.783	-15.733	-29.586
			195	-25.016	-16.348	-12.077	-9.559	-8.645	-9.019	-10.657	-12.963	-14.566	-13.781	-12.844	-12.913
			210	-11.334	-8.864	-11.848	-25.953	-18.371	-18.466	-11.27	-7.361	-6.516	-7.391	-9.898	-16.127
			225	-6.058	-4.548	-6.295	-13.513	-15.427	-11.841	-11.272	-6.766	-7.744	-10.893	-13.923	-22.666
			240	-5.663	-6.197	-8.294	-16.288	-16.034	-10.227	-7.194	-14.145	-14.032	-8.6	-8.429	-9.276
			255	-8.331	-11.192	-9.71	-14.498	-17.222	-30.564	-13.053	-17.182	-9.333	-5.759	-5.889	-7.664
			270	-8.342	-8.825	-3.828	-9.322	-7.29	-9.167	-13.727	-15.548	-16.151	-18.17	-11.98	-7.503
			285	-15.339	-7.125	-4.78	-41.427	-6.361	-10.941	-7.815	-10.915	-6.587	-4.634	-5.663	-3.957
			300	-20.277	-12.334	-11.06	-7.864	-6.17	-23.623	-7.248	-8.15	-9.111	-8.798	-8.811	-11.78
			315	-16.408	-10.756	-11.227	-12.387	-16.798	-12.126	-9.927	-11.22	-10.519	-8.036	-5.039	-2.898
			330	-11.294	-20.941	-12.355	-5.198	-7.252	-9.548	-15.949	-8.49	-6.337	-1.57	1.04	1.664
			345	-9.261	-10.483	-7.802	-1.123	-0.516	-6.408	-13.723	-3.217	-2.16	-1.443	0.896	2.778
			360	-6.899	-7.042	-7.459	-8.103	-8.858	-9.508	-9.773	-9.508	-8.858	-8.103	-7.459	-7.042

DB-5725MHZ

Polarization-V	Amplitude											
	0	-9.773	-9.508	-8.858	-8.103	-7.459	-7.042	-6.899	-7.042	-7.459	-8.103	-8.858	-9.508
	15	-7.407	-16.636	-12.635	-4.834	-4.26	-5.603	-9.559	-9.017	-8.069	-5.547	-2.85	-0.713
	30	-2.644	-1.921	-1.082	0.066	-1.58	-0.975	-2.06	-3.875	-1.696	-1.208	-2.212	-4.066
	45	-6.404	-1.998	1.057	0.712	-1.972	-10.715	-17.625	-14.802	-7.123	-1.599	0.54	1.145
	60	-11.085	-7.967	-6	-18.323	-8.327	-2.468	-0.207	-0.664	-4.86	-7.87	-4.916	-6.502
	75	-3.141	0.669	2.266	2.349	1.737	0.052	-2.215	-4.044	-7.044	-15.379	-10.727	-5.479
	90	0.627	3.162	3.578	2.929	-0.439	-4.55	-7.296	-10.602	-21.892	-19.813	-9.34	-6.186
	105	-5.802	-9.308	-7.645	-4.79	-5.153	-9.958	-24.523	-9.346	-5.861	-2.366	0.189	-1.403
	120	-5.877	-2.806	-2.701	-2.715	-1.789	-2.393	-2.062	-1.37	-0.208	0.389	1.014	-0.196
	135	-3.471	-3.458	-4.544	-3.16	-2.924	-0.305	0.546	-1.82	-2.328	-1.451	-3.15	-7.109
	150	-16.296	-12.138	-13.238	-12.043	-6.631	-3.559	-5.188	-8.858	-10.659	-10.153	-12.006	-21.973
	165	-19.27	-16.331	-14.447	-14.212	-15.301	-16.182	-14.443	-11.635	-9.818	-8.214	-7.641	-7.566
	180	-6.798	-7.798	-9.258	-12.234	-16.215	-23.933	-21.356	-13.268	-11.269	-9.083	-7.462	-6.533
	195	-5.71	-6.46	-7.897	-9.993	-11.522	-9.267	-6.453	-4.548	-5.993	-7.85	-11.707	-16.483
	210	-15.437	-11.906	-14.878	-14.865	-12.564	-8.684	-5.971	-6.422	-8.639	-11.601	-16.481	-21.125
	225	-4.77	-4.883	-6.204	-7.537	-18.655	-13.624	-12.108	-11.085	-9.257	-8.697	-8.543	-5.286
	240	-0.272	-1.216	-2.094	-4.278	-14.046	-14.099	-10.025	-10.457	-10.864	-10.827	-7.733	-7.135
	255	-6.565	-8.536	-6.262	-4.371	-9.177	-16.839	-10.46	-5.838	-7.606	-8.342	-3.972	-3.595
	270	-2.748	-2.639	-1.521	-2.404	-7.537	-12.517	-19.781	-10.321	-6.995	-4.139	-1.347	-0.476
	285	-1.377	-1.81	-6.102	-7.076	-4.646	-8.152	-4.685	-3.71	-4.878	-4.35	-3.798	-4.946
	300	-9.746	-11.503	-9.297	-9.046	-9.831	-9.186	-27.296	-9.205	-18.316	-17.973	-13.643	-13.59
	315	-0.229	-2.544	-9.411	-11.638	-7.044	-5.507	-2.934	-3.567	-8.103	-5.89	-3.613	-5.839
	330	-9.687	-24.5	-11.102	-10.44	-9.833	-3.417	-4.705	-5.155	-3.241	-3.814	-4.036	-3.196
	345	0.329	-1	-7.446	-13.752	-3.707	-2.471	-6.897	-6.007	-1.602	0.568	-0.501	-2.403
	360	-9.773	-9.508	-8.858	-8.103	-7.459	-7.042	-6.899	-7.042	-7.459	-8.103	-8.858	-9.508

DB-5725MHZ

Polarization-Total Amplitude

0	-4.492	-4.492	-4.492	-4.492	-4.492	-4.492	-4.492	-4.492	-4.492	-4.492	-4.492	-4.492
15	2.912	1.859	1.541	3.797	4.394	1.63	-3.135	-1.295	0.803	1.374	1.267	1.159
30	3.742	3.138	2.966	3.533	2.248	2.765	1.042	-0.284	3.306	3.593	2.008	-0.485
45	-0.528	0.995	3.248	3.233	1.487	-4.029	-6.789	-6.359	-4.053	-0.38	1.259	1.938
60	-9.325	-6.204	-0.995	-1.24	-3.134	-1.824	2.085	3.43	1.927	-1.448	-2.177	-4.155
75	0.21	2.169	3.421	3.689	2.75	0.82	1.412	2.196	1.504	-1.361	-3.803	-3.646
90	1.725	3.935	4.349	4.029	0.929	-3.935	-3.422	-1.161	-0.215	0.713	-1.593	-5.094
105	-2.388	-4.758	-6.941	-3.628	-3.652	-8.733	-17.149	-4.5	-0.14	2.355	2.111	-0.541
120	-2.88	0.314	0.299	-0.995	-0.423	-1.481	-1.194	-0.755	1.262	2.292	2.273	1.419
135	-2.472	-0.786	-0.142	0.588	-0.202	1.007	1.202	-0.854	-0.987	-0.482	-2.154	-4.111
150	-15.469	-7.356	-3.546	-2.689	-2.355	-1.712	-4.209	-6.968	-6.711	-7.402	-11.312	-13.87
165	-14.535	-14.532	-11.813	-9.46	-8.45	-9.151	-8.724	-7.342	-6.061	-5.681	-6.049	-6.742
180	-5.832	-6.082	-6.181	-6.824	-7.36	-7.615	-7.475	-6.659	-6.715	-6.616	-6.259	-5.912
195	-5.059	-5.436	-5.892	-6.16	-6.239	-5.531	-4.454	-3.364	-4.828	-6.263	-8.628	-10.731
210	-9.308	-6.514	-9.494	-13.939	-10.952	-7.65	-4.248	-3.256	-3.838	-5.394	-8.436	-14.333
225	-1.756	-1.102	-2.639	-5.959	-13.137	-9.031	-8.06	-4.799	-4.825	-6.047	-6.838	-4.607
240	1.431	0.582	-0.561	-3.413	-11.317	-8.134	-4.773	-8.31	-8.555	-5.962	-4.456	-4.465
255	-3.749	-6.054	-4.042	-3.368	-7.945	-16.058	-7.956	-4.931	-4.774	-3.251	-1.215	-1.559
270	-1.09	-1.102	1.087	-1	-3.802	-6.916	-12.165	-8.581	-5.897	-3.37	-0.386	0.91
285	-0.606	-0.09	-1.781	-6.475	-1.809	-5.716	-2.364	-2.353	-2.039	-0.879	-1.021	-0.813
300	-8.777	-8.288	-6.479	-4.804	-4.015	-8.432	-6.606	-5.036	-8.019	-7.703	-6.976	-8.981
315	0.475	-1.334	-6.614	-8.386	-6.007	-4.051	-1.542	-2.279	-5.535	-3.221	-0.657	-0.514
330	-6.807	-18.755	-8.073	-3.462	-4.744	-1.87	-3.791	-2.9	-0.908	1.062	2.815	3.491
345	1.381	0.064	-4.01	-0.292	1.786	-0.398	-5.477	-0.781	1.738	3.288	3.864	4.528
360	-4.492	-4.492	-4.492	-4.492	-4.492	-4.492	-4.492	-4.492	-4.492	-4.492	-4.492	-4.492

DB-5825MHZ

Frequency(MHz)	Polarization	Category	Theta\Phi	0	15	30	45	60	75	90	105	120	135	150	165
5825M	Polarization-H	Amplitude	0	-6.884	-7.007	-7.362	-7.9	-8.514	-9.026	-9.229	-9.026	-8.514	-7.9	-7.362	-7.007
			15	2.097	1.357	0.741	2.436	3.081	0.483	-3.519	-1.722	0.022	0.03	-0.942	-3.858
			30	0.94	0.208	-0.279	0.311	-0.675	-0.238	-2.055	-3.237	0.229	0.362	-1.494	-5.529
			45	-2.973	-3.659	-1.92	-1.229	-2.19	-5.889	-6.381	-5.789	-7.518	-10.021	-24.642	-10.3
			60	-16.944	-14.398	-2.908	-1.886	-6.322	-25.477	-2.587	0.625	0.402	-2.861	-4.13	-6.169
			75	-5.655	-9.117	-6.389	-5.367	-9.229	-12.028	-2.607	0.379	0.441	-0.44	-2.291	-7.835
			90	-11.625	-19.029	-8.846	-4.738	-6.474	-24.427	-6.724	-2.016	-0.724	0.995	-1.039	-14.915
			105	-6.827	-9.925	-26.615	-11.205	-11.346	-25.766	-14.573	-8.298	-3.832	-1.202	-4.198	-13.972
			120	-8.057	-5.074	-5.773	-10.592	-11.83	-14.859	-14.37	-18.463	-8.763	-5.252	-9.753	-7.52
			135	-14.423	-8.314	-5.035	-4.64	-7.294	-10.391	-14.284	-16.422	-9.784	-16.115	-13.621	-7.398
			150	-30.02	-13.18	-8.817	-6.792	-8.222	-13.812	-21.987	-19.863	-13.926	-17.234	-24.119	-13.135
			165	-13.428	-13.59	-15.006	-18.074	-18.103	-13.856	-11.351	-10.307	-10.445	-11.838	-14.197	-20.485
			180	-12.929	-9.968	-8.459	-7.405	-7.005	-6.956	-7.231	-7.523	-8.913	-11.334	-15.989	-20.925
			195	-23.662	-21.165	-15.405	-10.902	-7.916	-6.244	-6.293	-9.16	-13.242	-16.652	-15.008	-13.777
			210	-10.797	-11.351	-15.655	-17.83	-16.872	-17.127	-12.336	-8.083	-7.173	-8.17	-11.522	-21.458
			225	-5.682	-7.862	-11.159	-16.976	-20.739	-16.654	-11.338	-5.614	-5.41	-7.748	-13.303	-27.353
			240	-8.242	-9.013	-9.112	-18.203	-16.242	-11.281	-7.62	-12.506	-23.169	-12.57	-10.698	-10.25
			255	-11.055	-10.599	-10.991	-15.605	-17.897	-22.215	-12.785	-14.088	-8.01	-5.543	-5.873	-6.798
			270	-9.242	-10.551	-5.303	-9.564	-9.038	-9.88	-16.296	-14.518	-14.224	-15.004	-10.633	-7.761
			285	-13.779	-9.39	-4.647	-17.707	-7.296	-10.714	-9.936	-12.718	-6.17	-4.277	-5.415	-3.83
			300	-16.896	-15.552	-13.961	-10.013	-6.904	-26.624	-7.673	-10.094	-7.295	-6.159	-10.185	-15.454
			315	-14.886	-10.805	-11.839	-12.665	-14.074	-10.265	-8.854	-11.477	-11.779	-9.204	-4.867	-2.805
			330	-13.295	-37.275	-14.688	-6.968	-8.47	-9.839	-15.763	-9.346	-6.48	-1.734	0.489	0.642
			345	-8.91	-12.595	-7.247	-1.148	-0.351	-6.418	-13.569	-5.247	-4.985	-3.636	0.224	2.587
			360	-6.884	-7.007	-7.362	-7.9	-8.514	-9.026	-9.229	-9.026	-8.514	-7.9	-7.362	-7.007

DB-5825MHZ

Polarization-V Amplitude

0	-9.229	-9.026	-8.514	-7.9	-7.362	-7.007	-6.884	-7.007	-7.362	-7.9	-8.514	-9.026
15	-4.601	-11.626	-13.901	-4.957	-2.668	-3.154	-5.737	-8.65	-9.119	-7.978	-5.907	-2.673
30	-1.706	-1.175	-0.762	0.301	-1.354	-1.232	-1.465	-3.817	-1.924	-1.472	-3.259	-6.093
45	-5.754	-2.433	0.443	-0.246	-3.342	-13.948	-20.864	-13.704	-9.072	-3.28	-0.556	-0.67
60	-13.938	-11.184	-12.092	-14.253	-4.557	-0.601	0.235	-0.327	-4.056	-12.349	-6.831	-8.796
75	-1.154	2.381	3.399	3.111	1.944	-0.798	-3.878	-6.833	-9.087	-14.975	-7.772	-4.259
90	1.534	3.89	3.871	2.245	-2.703	-7.678	-11.097	-11.372	-11.617	-9.589	-8.257	-7.225
105	-10.817	-13.205	-7.332	-4.94	-5.938	-10.026	-9.717	-6.379	-3.715	-0.423	0.866	-1.27
120	-3.642	-0.578	-0.204	-1.219	-1.096	-2.201	-1.286	-0.492	0.783	1.321	1.278	-1.186
135	-2.233	-2.62	-4.625	-2.769	-1.308	-1.023	0.651	-0.833	-1.887	-1.821	-3.25	-8.093
150	-14.87	-11.611	-10.83	-8.417	-6.542	-4.306	-4.25	-5.815	-6.793	-7.095	-8.115	-10.658
165	-17.525	-16.619	-15.395	-13.496	-11.88	-11.058	-10.21	-8.726	-6.619	-5.948	-5.484	-4.947
180	-6.378	-7.698	-10.311	-13.213	-18.24	-26.833	-15.507	-9.893	-8.09	-6.522	-5.456	-5.606
195	-3.884	-4.027	-4.437	-6.117	-8.86	-10.467	-8.648	-6.795	-7.181	-7.923	-10.05	-12.658
210	-12.273	-11.808	-12.175	-13.445	-10.667	-6.688	-6.474	-8.185	-11.13	-15.94	-19.931	-19.412
225	-8.116	-8.508	-11.088	-15.318	-14.927	-12.248	-12.398	-11.753	-8.877	-7.731	-6.527	-3.746
240	-1.449	-1.599	-3.434	-7.093	-16.43	-11.348	-8.934	-10.1	-10.199	-11.453	-9.23	-8.062
255	-5.81	-6.208	-6.919	-7.746	-14.313	-19.295	-10.158	-6.307	-9.854	-8.134	-5.09	-6.204
270	-6.496	-3.347	-3.332	-4.165	-10.115	-12.085	-15.49	-12.327	-7.703	-5.646	-2.651	-1.107
285	-3.686	-3.192	-5.241	-6.504	-6.826	-9.119	-5.462	-4.597	-5.461	-5.979	-4.821	-4.539
300	-11.552	-12.023	-12.231	-10.295	-12.209	-7.941	-16.543	-8.815	-14.837	-19.416	-19.115	-22.592
315	-2.214	-3.554	-10.446	-11.427	-7.862	-6.287	-3.148	-3.707	-7.837	-5.882	-4.292	-5.944
330	-14.898	-14.766	-12.26	-12.571	-9.136	-3.546	-5.732	-4.24	-2.583	-3.318	-4.16	-3.583
345	-0.476	-1.391	-6.908	-13.559	-5.883	-4.881	-6.707	-2.599	0.585	1.899	1.197	-0.195
360	-9.229	-9.026	-8.514	-7.9	-7.362	-7.007	-6.884	-7.007	-7.362	-7.9	-8.514	-9.026

DB-5825MHZ

Polarization-Total	Amplitude											
	0	-4.29	-4.29	-4.29	-4.29	-4.29	-4.29	-4.29	-4.29	-4.29	-4.29	-4.29
	15	3.539	2.17	1.488	3.763	4.706	2.645	-0.877	-0.32	1.121	1.268	0.86	0.385
	30	3.426	3.182	3.097	3.916	2.609	2.904	1.86	0.093	2.895	3.151	1.323	-2.192
	45	-0.534	0.607	3.031	2.9	0.882	-4.658	-5.629	-4.539	-4.616	-1.846	0.061	0.379
	60	-11.575	-8.89	-1.814	-1.041	-1.74	0.014	2.66	3.786	2.332	-1.798	-1.663	-3.676
	75	0.765	3.278	4.433	4.288	2.863	0.118	0.414	1.735	1.5	0.31	-0.608	-2.079
	90	2.339	4.512	4.698	3.638	-0.581	-6.987	-4.772	-0.94	0.216	1.959	0.316	-5.943
	105	-4.769	-7.652	-6.681	-3.419	-4.24	-9.311	-7.889	-3.623	-0.163	2.815	2.644	-0.443
	120	-1.7	1.342	1.459	-0.144	-0.144	-1.372	-0.478	0.177	1.84	2.785	2.207	0.322
	135	-1.378	-0.984	-1.214	0.006	0.268	0.052	1.388	-0.115	-0.634	-1.062	-2.268	-4.121
	150	-14.139	-8.715	-6.098	-3.919	-3.691	-3.245	-3.578	-5.048	-5.425	-6.094	-7.407	-8.112
	165	-11.4	-11.235	-11.586	-11.598	-10.35	-8.625	-7.133	-5.835	-4.513	-4.353	-4.336	-4.227
	180	-4.91	-5.076	-5.677	-5.793	-6.09	-6.312	-6.028	-4.938	-4.872	-4.683	-4.488	-4.881
	195	-3.239	-3.344	-3.503	-4.271	-4.752	-4.251	-3.703	-4.208	-5.62	-6.777	-8.247	-9.571
	210	-7.863	-7.963	-9.965	-11.496	-9.134	-5.713	-4.872	-4.523	-5.105	-6.899	-10.337	-16.706
	225	-3.12	-4.563	-7.513	-12.458	-13.315	-10.304	-8.226	-4.068	-3.196	-4.129	-5.099	-3.127
	240	-0.024	-0.275	-1.794	-6.169	-12.725	-7.704	-4.617	-7.528	-9.385	-8.365	-6.292	-5.41
	255	-4.074	-4.261	-4.884	-6.488	-12.135	-16.904	-7.666	-5.038	-5.224	-3.038	-1.853	-2.881
	270	-4.045	-1.99	-0.596	-2.465	-5.933	-7.234	-12.264	-9.676	-6.23	-4.569	-1.41	0.343
	285	-2.68	-1.658	-1.324	-5.586	-3.444	-6.233	-3.536	-3.375	-2.191	-1.435	-1.497	-0.56
	300	-9.838	-9.828	-9.4	-6.542	-5.182	-7.283	-6.543	-5.797	-5.99	-5.359	-9.062	-14.086
	315	-1.385	-2.204	-7.477	-8.391	-6.33	-4.226	-1.514	-2.436	-5.765	-3.623	-0.96	-0.487
	330	-10.412	-14.142	-9.696	-5.312	-5.18	-2.03	-4.721	-2.472	-0.498	1.156	2.369	2.634
	345	0.706	-0.474	-3.464	-0.306	1.321	-1.972	-5.293	-0.114	2.248	3.57	4.348	5.026
	360	-4.29	-4.29	-4.29	-4.29	-4.29	-4.29	-4.29	-4.29	-4.29	-4.29	-4.29	-4.29

5G0-5150 MHZ

Frequency(MHz)	Polarization	Category	Theta\Phi	0	15	30	45	60	75	90	105	120	135	150	165
5150M	Polarization-H	Amplitude	0	-14.497	-14.273	-13.715	-13.053	-12.479	-12.102	-11.972	-12.102	-12.479	-13.053	-13.715	-14.273
			15	-16.747	-11.459	-9.17	-10.214	-13.157	-10.524	-7.731	-7.502	-9.672	-17.377	-14.485	-6.553
			30	-16.675	-12.096	-12.395	-14.794	-17.621	-10.606	-5.383	-3.349	-3.777	-5.727	-10.045	-8.664
			45	-17.338	-10.031	-11.204	-23.109	-19.271	-17.568	-11.054	-11.917	-11.812	-7.812	-6.241	-10.794
			60	-11.855	-21.024	-11.637	-17.969	-13.528	-11.887	-5.174	-5.346	-8.268	-17.495	-15.989	-8.209
			75	-8.629	-14.176	-9.926	-19.568	-18.896	-18.878	-11.169	-11.677	-17.157	-22.289	-9.073	-6.217
			90	-10.208	-10.001	-5.937	-8.09	-13.228	-30.02	-19.349	-16.466	-14.718	-16.879	-11.214	-4.368
			105	-20.425	-11.103	-10.831	-9.213	-12.427	-23.206	-19.773	-28.489	-13.702	-13.482	-11.702	-4.385
			120	-8.226	-14.111	-15.301	-22.131	-13.926	-18.629	-14.898	-15.299	-18.855	-21.813	-17.157	-5.568
			135	-6.484	-12.725	-24.451	-11.056	-9.596	-14.971	-27.954	-17.752	-13.778	-9.905	-5.991	-2.559
			150	-2.551	-5.909	-10.118	-13.379	-15.322	-15.822	-17.09	-15.824	-12.4	-8.588	-4.858	-2.038
			165	-0.641	-2.568	-5.666	-10.254	-17.501	-32.127	-17.746	-11.833	-8.159	-5.436	-3.3	-1.836
			180	-0.358	-1.129	-2.627	-5.226	-10.147	-22.568	-14.346	-7.441	-3.969	-1.868	-0.689	-0.247
			195	-0.358	-0.122	-0.9	-3.075	-7.261	-14.154	-10.435	-4.911	-1.672	0.253	1.16	1.124
			210	-0.361	0.471	-0.018	-2.478	-7.654	-7.293	-4.871	-4.157	-2.033	-0.035	0.413	-0.579
			225	-0.298	0.071	-0.471	-2.644	-10.053	-7.433	-6.482	-6.22	-0.653	1.453	0.778	-1.997
			240	-0.684	-0.284	-3.207	-7.336	-18.559	-8.894	-10.574	-10.143	-1.534	0.726	0.18	-2.258
			255	-1.366	-2.472	-7.041	-10.555	-18.439	-17.322	-19.702	-8.273	-2.94	-2.077	-3.436	-6.295
			270	-2.118	-4.488	-11.688	-13.879	-21.13	-7.48	-15.08	-4.934	-1.893	-3.419	-6.249	-6.979
			285	-7.166	-13.296	-11.422	-14.66	-9.46	-11.111	-16.705	-12.13	-10.373	-11.578	-9.842	-7.826
			300	-8.113	-6.264	-6.647	-9.111	-11.537	-19.174	-17.729	-8.725	-5.029	-6.534	-14.035	-11.023
			315	-15.257	-6.754	-8.323	-13.922	-13.848	-16.919	-27.885	-27.142	-16.118	-11.973	-13.951	-19.891
			330	-3.661	-2.15	-4.304	-9.771	-15.906	-21.879	-27.22	-16.975	-10.291	-8.445	-10.976	-21.969
			345	-2.77	-2.355	-3.902	-6.243	-10.945	-15.923	-14.702	-12.385	-10.491	-9.675	-11.595	-18.24
			360	-14.497	-14.273	-13.715	-13.053	-12.479	-12.102	-11.972	-12.102	-12.479	-13.053	-13.715	-14.273

5G0-5150 MHZ

Polarization-V	Amplitude												
	0	-11.972	-12.102	-12.479	-13.053	-13.715	-14.273	-14.497	-14.273	-13.715	-13.053	-12.479	-12.102
	15	-6.126	-5.355	-5.338	-6.763	-8.684	-9.07	-7.133	-5.821	-5.527	-5.072	-5.217	-6.317
	30	-4.774	-6.068	-7.486	-8.04	-8.396	-6.993	-5.555	-5.445	-7.493	-10.352	-11.097	-11.193
	45	-4.183	-3.969	-7.128	-12.363	-15.461	-14.481	-25.671	-11.227	-12.222	-13.951	-3.472	-0.851
	60	-4.038	-2.879	-4.022	-7.059	-5.004	-3.388	-7.028	-9.926	-4.614	-4.035	-10.416	-7.014
	75	0.237	0.252	-2.071	-6.991	-10.55	-6.128	-3.15	-2.339	-3.053	-4.634	-2.593	-1.651
	90	-1.271	-0.246	-1.949	-5.563	-5.006	-5.099	-3.687	-2.118	-0.32	-2.101	-12.218	-13.438
	105	1.458	1.482	-0.616	-4.976	-6.799	-4.335	-3.501	-2.014	-4.309	-5.807	-5.045	-3.155
	120	-0.659	0.058	-0.8	-4.163	-7.756	-7.693	-9.741	-7.569	-5.852	-4.565	-4.05	-5.867
	135	-6.221	-7.754	-6.719	-7.878	-10.361	-9.647	-9.026	-11.28	-8.794	-3.387	-0.909	-0.768
	150	-7.884	-7.949	-8.743	-10.166	-10.813	-9.966	-10.106	-13.465	-18.052	-10.32	-5.752	-3.308
	165	-10.17	-7.892	-6.033	-5.099	-4.73	-4.526	-4.581	-4.949	-6.105	-8.263	-12.571	-18.281
	180	-13.596	-6.604	-3.187	-1.201	-0.113	0.314	0.087	-0.723	-2.154	-4.685	-9.134	-20.864
	195	-9.831	-5.288	-1.93	0.29	1.59	2.183	2.129	1.464	0.054	-2.519	-6.508	-10.685
	210	-2.072	-1.045	0.35	1.491	2.065	2.148	1.969	1.194	-1.33	-6.879	-14.411	-10.011
	225	-1.798	-2.757	-2.08	-0.745	-0.419	-1.241	-2.129	-3.706	-9.446	-18.784	-6.51	-4.388
	240	-1.333	1.564	0.178	-1.737	-1.947	-3.29	-5.103	-5.884	-6.031	-4.385	-2.747	-1.641
	255	-1.187	0.276	-0.965	-3.35	-4.36	-5.222	-7.4	-5.796	-2.12	-1.476	-0.936	0.35
	270	-2.817	-1.298	-3.49	-5.278	-4.522	-4.623	-4.55	-4.237	-2.459	-2.401	-4.194	-3.251
	285	-1.036	-2.022	-4.268	-4.988	-5.703	-9.725	-6.171	-3.352	-3.585	-3.32	-2.385	-1.232
	300	-5.385	-8.946	-11.142	-12.314	-5.371	-4.085	-7.92	-7.205	-2.705	-3.11	-5.367	-5.705
	315	-2.653	-6.237	-5.025	-4.595	-3.499	-1.679	-2.049	-3.584	-4.204	-5.145	-6.347	-5.52
	330	-10.435	-7.783	-5.377	-5.604	-7.073	-7.439	-5.574	-3.805	-3.173	-3.722	-4.313	-4.855
	345	-6.737	-5.516	-3.693	-4.096	-5.244	-6.56	-7.375	-7.123	-6.228	-5.884	-5.954	-5.823
	360	-11.972	-12.102	-12.479	-13.053	-13.715	-14.273	-14.497	-14.273	-13.715	-13.053	-12.479	-12.102

5G0-5150 MHZ

Polarization-Total	Amplitude											
	0	-9.443	-9.443	-9.443	-9.443	-9.443	-9.443	-9.443	-9.443	-9.443	-9.443	-9.443
	15	-5.165	-3.803	-3.234	-4.544	-6.758	-6.126	-3.811	-2.97	-3.513	-4.224	-4.131	-2.823
	30	-3.902	-4.501	-5.67	-6.608	-7.306	-4.823	-1.858	-0.662	-1.639	-3.84	-6.929	-6.136
	45	-3.378	-2.408	-5.094	-11.412	-13.35	-12.145	-10.306	-7.948	-8.402	-6.266	-1.029	0.168
	60	-2.773	-2.213	-2.729	-6.12	-3.833	-2.214	-2.392	-3.448	-2.458	-3.244	-8.753	-3.96
	75	1.367	1.006	-0.812	-6.158	-9.357	-5.303	-1.913	-1.26	-2.288	-3.96	-1.112	0.251
	90	-0.149	0.79	0.11	-3.035	-3.797	-4.485	-2.971	-1.361	0.435	-1.359	-8.077	-3.261
	105	2.086	2.315	0.379	-2.987	-5.148	-3.679	-2.8	-1.404	-3.236	-4.522	-3.596	-0.116
	120	0.641	0.821	-0.049	-3.494	-6.217	-6.756	-7.985	-6.292	-5.04	-3.884	-3.242	-2.104
	135	-2.74	-5.954	-6.046	-5.572	-6.351	-7.929	-8.371	-9.798	-6.997	-1.913	0.864	2.038
	150	-0.835	-3.2	-5.766	-7.871	-8.896	-8.363	-8.713	-10.876	-10.755	-5.758	-1.672	0.984
	165	0.418	-0.85	-2.236	-3.343	-3.906	-3.918	-3.777	-3.539	-3.402	-3.013	-2.215	-1.138
	180	0.443	0.555	0.713	0.847	0.898	0.936	0.841	0.716	0.643	0.559	0.492	0.391
	195	0.707	1.632	2.226	2.536	2.722	2.883	2.963	2.965	2.886	2.695	2.446	2.001
	210	2.477	3.389	3.78	3.555	3.106	3.216	3.386	2.905	1.943	1.382	1.153	0.49
	225	2.627	2.493	2.409	2.018	0.63	0.295	-0.172	-1.174	0.486	2.094	2.122	0.58
	240	2.614	4.348	2.418	-0.08	-1.253	-1.634	-3.418	-3.901	0.386	2.493	2.569	1.672
	255	2.335	2.726	0.593	-1.993	-3.593	-4.362	-6.551	-3.25	1.099	1.844	1.602	1.801
	270	1.157	1.004	-2.277	-4.116	-3.828	-2.21	-3.581	-0.961	1.444	0.73	-1.491	-1.116
	285	0.512	-1.11	-2.903	-3.944	-3.577	-6.753	-5.203	-2.211	-2.159	-2.115	-1.068	0.228
	300	-2.928	-3.791	-4.727	-6.813	-3.83	-3.353	-6.888	-4.289	-0.103	-0.883	-4.214	-3.986
	315	-1.821	-2.878	-2.758	-3.515	-2.516	-0.951	-1.438	-2.965	-3.333	-3.726	-5.052	-4.765
	330	-2.232	-0.501	-1.197	-3.595	-5.939	-6.685	-4.944	-3	-1.802	-1.861	-2.865	-4.172
	345	-0.706	-0.044	-0.186	-1.428	-3.609	-5.484	-6.038	-5.391	-4.246	-3.768	-4.306	-4.98
	360	-9.443	-9.443	-9.443	-9.443	-9.443	-9.443	-9.443	-9.443	-9.443	-9.443	-9.443	-9.443

5G0-5350 MHZ

Frequency(MHz)	Polarization	Category	Theta\Phi	0	15	30	45	60	75	90	105	120	135	150	165
5350M	Polarization-H	Amplitude	0	-14.02	-13.747	-13.08	-12.308	-11.653	-11.229	-11.084	-11.229	-11.653	-12.308	-13.08	-13.747
			15	-25.366	-16.084	-12.227	-12.762	-14.269	-10.205	-7.453	-7.006	-9.363	-17.377	-15	-6.745
			30	-33.359	-20.225	-18.917	-22.113	-18.891	-10.003	-4.964	-3.155	-3.88	-6.466	-9.388	-6.793
			45	-26.204	-12.572	-12.659	-28.634	-18.151	-20.097	-10.92	-10.506	-10.652	-8.133	-6.826	-10.817
			60	-10.092	-25.73	-10.719	-14.608	-14.429	-13.065	-5.221	-5.485	-8.893	-14.264	-22.483	-9.747
			75	-7.014	-11.824	-9.201	-13.547	-16.023	-15.249	-11.23	-13.333	-18.132	-28.999	-8.753	-5.345
			90	-9.741	-10.293	-5.771	-6.884	-10.63	-19.552	-20.744	-17.992	-14.121	-12.378	-11.979	-4.563
			105	-14.649	-15.775	-12.891	-9.868	-10.046	-16.801	-23.097	-21.911	-12.996	-13.142	-15.117	-4.627
			120	-6.113	-10.644	-11.422	-13.785	-9.559	-14.606	-17.761	-16.533	-17.338	-16.772	-14.553	-4.925
			135	-5.119	-13.326	-18.912	-8.591	-7.123	-10.944	-23.122	-21.591	-16.304	-11.626	-6.332	-2.043
			150	-0.599	-3.879	-7.849	-11.34	-14.277	-16.679	-17.775	-15.955	-13.081	-9.348	-5.078	-1.645
			165	-0.06	-2.175	-5.483	-10.476	-18.643	-27.504	-17.166	-11.849	-8.059	-5.154	-2.838	-1.224
			180	-0.139	-0.862	-2.37	-4.991	-9.885	-22.974	-14.317	-7.313	-3.751	-1.636	-0.441	0.104
			195	0.404	0.564	-0.258	-2.386	-6.402	-12.843	-11.382	-5.495	-1.908	0.355	1.538	1.718
			210	0.612	1.61	1.144	-1.256	-6.256	-7.574	-5.708	-4.85	-1.834	0.81	1.85	1.427
			225	0.349	1.036	0.517	-1.385	-7.189	-8.195	-7.953	-5.772	-0.134	1.957	1.592	-0.577
			240	-0.251	0.253	-2.236	-5.737	-12.559	-8.743	-13.48	-8.129	-0.842	1.049	0.551	-1.43
			255	-1.065	-1.818	-5.924	-9.532	-17.082	-18.078	-38.783	-8.548	-3.236	-2.346	-3.272	-5.256
			270	-1.515	-4.284	-12.279	-14.52	-26.228	-8.569	-19.898	-5.793	-2.803	-5.095	-8.452	-7.832
			285	-6.904	-13.141	-10.894	-11.927	-8.894	-12.054	-19.471	-11.824	-10.981	-13.641	-11.709	-7.374
			300	-9.067	-6.102	-5.682	-6.463	-9.253	-25.022	-21.994	-9.959	-5.669	-6.086	-12.579	-11.385
			315	-15.601	-6.937	-8.038	-11.628	-12.495	-17.828	-41.715	-22.034	-20.449	-15.17	-15.496	-19.558
			330	-3.691	-2.238	-3.789	-7.554	-12.738	-22.868	-20.45	-15.515	-9.854	-7.356	-8.317	-13.299
			345	-2.646	-1.934	-2.888	-4.848	-9.681	-14.593	-13.751	-11.288	-9.146	-7.787	-8.374	-12.468
			360	-14.02	-13.747	-13.08	-12.308	-11.653	-11.229	-11.084	-11.229	-11.653	-12.308	-13.08	-13.747

5G0-5350 MHZ

Polarization-V	Amplitude												
	0	-11.084	-11.229	-11.653	-12.308	-13.08	-13.747	-14.02	-13.747	-13.08	-12.308	-11.653	-11.229
	15	-4.827	-4.434	-4.537	-5.885	-8.115	-8.371	-6.512	-5.357	-5.229	-4.97	-5.415	-6.868
	30	-3.418	-4.177	-6.043	-7.816	-9.304	-7.65	-6.154	-6.259	-8.491	-11.031	-10.622	-9.869
	45	-5.292	-4.409	-6.821	-11.343	-12.425	-11.908	-16.399	-9.186	-9.106	-17.974	-4.618	-0.866
	60	-4.587	-3.778	-4.191	-7.173	-5.732	-3.846	-6.564	-8.554	-3.341	-2.208	-7.632	-8.068
	75	-0.148	-0.067	-1.841	-5.562	-10.29	-5.697	-1.629	-0.768	-1.591	-3.449	-2.659	-1.809
	90	-2.558	-0.936	-1.876	-4.716	-5.499	-5.017	-2.461	-1.383	0.013	-1.394	-8.426	-24.773
	105	1.541	1.529	0.09	-2.92	-5.397	-4.003	-2.37	-1.087	-4.113	-5.95	-4.363	-2.2
	120	-0.763	0.24	-0.134	-2.803	-6.211	-7.156	-9.852	-8.603	-6.746	-3.946	-2.564	-4.64
	135	-4.575	-6.945	-6.562	-7.878	-9.861	-8.706	-7.839	-9.096	-8.096	-3.387	-0.524	0.032
	150	-5.709	-5.318	-5.943	-7.055	-8.09	-8.326	-8.236	-9.999	-13.837	-12.265	-7.46	-4.458
	165	-9.52	-5.973	-4.093	-3.324	-3.395	-3.639	-3.939	-4.512	-5.564	-7.357	-10.467	-15.16
	180	-13.265	-6.479	-3.154	-1.186	-0.079	0.373	0.132	-0.64	-2.07	-4.568	-9.079	-20.638
	195	-9.974	-4.791	-1.51	0.562	1.61	2.072	1.96	1.369	-0.029	-2.545	-7.02	-13.127
	210	-1.759	-0.35	0.911	1.898	2.182	1.888	1.478	0.709	-1.495	-6.597	-12.488	-7.761
	225	-0.782	-1.773	-1.089	0.152	0.288	-0.907	-2.515	-4.799	-11.581	-14.3	-5.179	-2.953
	240	-2.849	-0.071	-0.867	-1.539	-1.818	-3.687	-5.329	-5.216	-4.857	-3.85	-2.942	-2.168
	255	-0.904	0.125	-0.833	-2.201	-3.844	-6.219	-7.092	-3.368	-0.54	-0.137	-0.146	0.612
	270	-4.631	-3.436	-5.458	-4.656	-3.429	-4.245	-4.87	-3.491	-1.871	-2.52	-5.09	-4.32
	285	-0.582	-1.552	-3.933	-4.459	-4.231	-5.158	-3.508	-1.937	-2.064	-1.985	-1.446	-0.758
	300	-5.461	-9.063	-11.214	-11.99	-5.621	-4.64	-6.997	-5.982	-2.171	-2.334	-4.482	-5.24
	315	-1.849	-5.028	-4.651	-3.923	-2.47	-0.813	-0.897	-2.193	-3.158	-4.429	-6.907	-7.061
	330	-8.353	-7.397	-5.724	-5.685	-6.183	-5.899	-4.259	-2.722	-2.313	-2.955	-3.483	-3.949
	345	-7.83	-6.042	-4.139	-3.962	-3.985	-4.312	-4.636	-4.725	-4.143	-3.745	-3.88	-4.121
	360	-11.084	-11.229	-11.653	-12.308	-13.08	-13.747	-14.02	-13.747	-13.08	-12.308	-11.653	-11.229

5G0-5350 MHZ

Polarization-Total	Amplitude											
	0	-8.698	-8.698	-8.698	-8.698	-8.698	-8.698	-8.698	-8.698	-8.698	-8.698	-8.698	-8.698
	15	-4.189	-3.547	-3.254	-4.475	-6.572	-5.582	-3.347	-2.493	-3.211	-4.128	-4.362	-3.196
	30	-2.814	-3.471	-5.224	-7.058	-8.25	-5.059	-1.908	-0.825	-1.99	-4.564	-6.351	-4.454
	45	-4.657	-3.192	-5.214	-10.662	-10.795	-10.694	-9.237	-6.186	-6.2	-7.104	-1.973	0.153
	60	-2.91	-3.15	-2.719	-5.852	-4.582	-2.755	-2.231	-3.143	-1.674	-1.345	-6.892	-5.216
	75	1.264	0.813	-0.509	-4.321	-8.662	-4.64	-0.577	0.067	-0.895	-2.836	-1.104	0.384
	90	-1.198	0.14	0.209	-2.056	-3.737	-4.267	-1.797	-0.689	0.778	-0.461	-6.238	-3.922
	105	2.244	2.209	0.903	-1.521	-3.516	-3.18	-1.733	-0.452	-2.985	-4.591	-3.412	0.364
	120	0.949	1.181	0.778	-1.87	-3.96	-5.838	-8.6	-7.355	-5.783	-3.125	-1.698	-1.17
	135	-1.228	-5.445	-5.716	-4.61	-4.669	-6.072	-7.112	-8.259	-6.885	-2.18	1.088	2.728
	150	1.168	-0.929	-3.182	-5.079	-6.554	-7.134	-7.178	-8.417	-9.833	-6.956	-2.497	0.783
	165	1.006	-0.061	-1.122	-1.959	-2.667	-3.021	-3.137	-3.176	-3.024	-2.507	-1.547	-0.452
	180	0.667	0.791	0.866	0.926	0.953	0.993	0.885	0.806	0.781	0.751	0.716	0.741
	195	1.385	2.275	2.771	2.943	2.847	2.81	2.757	2.782	2.743	2.753	2.705	2.458
	210	3.197	4.35	4.639	4.212	3.364	2.954	2.837	2.375	1.949	2.135	2.608	2.521
	225	3.43	3.465	3.398	3.061	1.602	0.437	-0.823	-1.648	0.767	2.659	3.021	2.006
	240	2.252	3.704	2.112	0.461	-0.866	-1.907	-4.11	-2.823	1.209	2.867	2.757	1.827
	255	2.626	2.872	0.939	-0.864	-3.042	-5.345	-6.489	-1.617	1.928	2.508	2.176	2.212
	270	0.811	-0.229	-4.037	-3.629	-2.806	-2.279	-4.135	-0.881	1.298	-0.009	-2.843	-2.12
	285	0.928	-0.661	-2.537	-3.143	-2.354	-3.751	-2.799	-0.912	-0.94	-1.099	-0.455	0.698
	300	-3.29	-3.725	-4.01	-4.791	-3.458	-4.001	-6.261	-3.92	0.033	-0.206	-3.256	-3.695
	315	-1.07	-2.268	-2.412	-2.643	-1.458	-0.127	-0.297	-1.548	-2.478	-3.477	-5.744	-6.224
	330	-1.814	-0.483	-1.039	-2.91	-4.716	-5.213	-3.555	-1.9	-1.009	-1.01	-1.649	-2.872
	345	-0.897	0.091	0.142	-0.772	-2.349	-3.323	-3.534	-3.259	-2.35	-1.702	-1.96	-2.928
	360	-8.698	-8.698	-8.698	-8.698	-8.698	-8.698	-8.698	-8.698	-8.698	-8.698	-8.698	-8.698

5G0-5500 MHZ

Frequency(MHz)	Polarization	Category	Theta\Phi	0	15	30	45	60	75	90	105	120	135	150	165
5500M	Polarization-H	Amplitude	0	-14.347	-14.146	-13.638	-13.029	-12.495	-12.142	-12.019	-12.142	-12.495	-13.029	-13.638	-14.146
			15	-11.093	-13.603	-14.78	-16.537	-22.558	-15.014	-10.09	-8.677	-10.704	-19.25	-15.534	-7.671
			30	-11.61	-15.394	-21.655	-19.187	-16.912	-15.447	-8.095	-4.541	-5.1	-8.792	-8.338	-5.896
			45	-14.689	-18.334	-21.122	-13.192	-11.523	-16.347	-14.621	-10.567	-11.35	-13.026	-11.648	-13.794
			60	-8.919	-15.361	-15.404	-9.769	-11.075	-17.352	-7.112	-9.605	-18.899	-10.976	-14.821	-12.646
			75	-6.572	-7.532	-8.011	-9.152	-10.32	-13.905	-13.97	-38.881	-12.688	-16.786	-9.337	-4.787
			90	-10.07	-10.545	-7.712	-6.402	-7.806	-14.009	-17.751	-21	-11.339	-8.372	-28.71	-7.158
			105	-10.296	-14.138	-15.457	-10.221	-7.579	-11.215	-19.579	-19.359	-12.194	-10.37	-17.343	-6.184
			120	-5.88	-11.621	-10.912	-7.37	-5.666	-9.758	-25.029	-22.169	-14.479	-11.606	-10.822	-4.747
			135	-4.271	-11.314	-14.933	-9.118	-8.472	-12.278	-20.102	-24.11	-22.876	-15.6	-8.061	-2.031
			150	-0.217	-2.738	-6.836	-12.962	-20.326	-24.01	-22.978	-18.563	-13.454	-9	-4.965	-1.274
			165	-1.157	-2.591	-4.834	-8.017	-12.066	-17.901	-39.834	-17.721	-11.022	-7.125	-4.368	-2.491
			180	-2.478	-2.935	-4.086	-6.258	-9.888	-16.848	-21.8	-11.917	-7.483	-4.856	-3.352	-2.601
			195	-0.331	-0.018	-0.913	-2.995	-6.261	-11.093	-15.809	-11.169	-5.874	-2.582	-0.779	0.005
			210	0.829	1.772	0.934	-1.86	-6.743	-11.099	-12.118	-11.722	-6.439	-2.263	-0.011	0.465
			225	1.296	1.972	1.012	-1.028	-4.956	-11.463	-19.37	-9.52	-3.995	-0.925	0.578	-0.173
			240	-1.021	-0.427	-2.127	-5.12	-7.795	-9.917	-25.768	-6.922	-2.429	-0.283	0.252	-1.268
			255	-2.726	-2.115	-5.286	-10.119	-16.861	-18.432	-17.62	-7.935	-4.557	-2.951	-2.824	-5.347
			270	-3.191	-6.547	-15.51	-15.739	-15.947	-13.52	-23.587	-7.944	-4.315	-6.538	-6.799	-8.996
			285	-7.68	-16.626	-9.544	-9.586	-11.789	-16.11	-17.934	-9.42	-7.203	-14.548	-18.674	-10.081
			300	-12.638	-5.959	-3.837	-3.315	-7.48	-19.753	-19.873	-9.934	-6.594	-6.727	-11.556	-15.128
			315	-16.025	-8.205	-7.2	-8.367	-11.974	-18.32	-20.232	-12.596	-10.159	-10.688	-14.346	-27.365
			330	-5.041	-3.505	-3.532	-5.388	-9.169	-15.979	-34.748	-28.76	-16.647	-11.109	-9.225	-9.897
			345	-3.376	-1.747	-2.028	-3.674	-8.108	-15.824	-20.211	-15.827	-13.35	-9.879	-8.84	-9.816
			360	-14.347	-14.146	-13.638	-13.029	-12.495	-12.142	-12.019	-12.142	-12.495	-13.029	-13.638	-14.146

5G0-5500 MHZ

Polarization-V	Amplitude												
		0	-12.019	-12.142	-12.495	-13.029	-13.638	-14.146	-14.347	-14.146	-13.638	-13.029	-12.495	-12.142
		15	-5.747	-6.194	-6.993	-8.396	-10.452	-8.83	-6.923	-6.811	-7.561	-8.233	-9.28	-11.737
		30	-4.812	-4.297	-5.024	-7.044	-8.948	-7.836	-6.83	-7.34	-9.314	-11.323	-9.484	-6.991
		45	-11.196	-10.605	-9.587	-12.345	-13.528	-14.674	-16.464	-9.113	-7.997	-14.858	-7.129	-1.728
		60	-2.637	-4.464	-5.421	-7.641	-10.196	-8.789	-6.704	-5.887	-2.238	-0.961	-5.482	-15.73
		75	-0.615	-1.452	-3.218	-3.844	-5.97	-6.511	-1.19	0.51	-0.838	-3.583	-5.926	-5.028
		90	-2.337	-3.636	-4.047	-3.844	-5.554	-10.44	-3.83	-2.378	-2.012	-2.145	-3.593	-9.807
		105	1.705	1.402	0.247	-1.038	-2.897	-6.05	-4.315	-3.056	-7.813	-9.568	-4.833	-2.37
		120	-3.615	-3.2	-2.749	-4.329	-6.847	-9.062	-13.54	-16.209	-10.413	-4.025	-1.682	-3.359
		135	-0.42	-2.721	-5.911	-8.574	-10.376	-8.048	-5.49	-5.46	-6.835	-5.889	-2.332	-0.251
		150	-2.786	-2.031	-2.578	-3.912	-5.522	-6.261	-5.616	-5.313	-5.962	-6.681	-5.695	-3.745
		165	-8.979	-6.099	-4.349	-3.636	-3.595	-3.71	-3.742	-3.944	-4.698	-6.298	-9.15	-14.645
		180	-20.871	-12.025	-7.531	-4.991	-3.505	-2.857	-2.71	-3.192	-4.334	-6.64	-10.957	-19.444
		195	-13.07	-7.232	-3.614	-1.627	-0.531	-0.05	0.121	-0.233	-1.254	-3.417	-6.997	-10.391
		210	-2.957	-1.554	-0.094	0.721	0.475	-0.364	-0.663	-0.7	-1.82	-5.059	-9.5	-5.764
		225	0.417	0.261	0.375	0.706	0.147	-1.416	-2.979	-4.138	-6.08	-7.277	-4.009	-0.67
		240	-6.709	-4.926	-2.252	-1.098	-0.991	-1.938	-3.455	-4.253	-3.77	-3.742	-3.782	-3.531
		255	-2.503	-1.638	-0.76	-1.502	-3.483	-3.722	-3.028	-1.688	0.201	0.919	0.47	1.135
		270	-21.61	-11.954	-4.331	-1.424	-1.072	-4.456	-7.254	-3.587	-1.061	-1.352	-3.689	-3.195
		285	-3.721	-5.611	-5.438	-3.6	-1.05	-0.028	-1.228	-0.842	0.175	-0.313	-0.71	-0.731
		300	-11.731	-15.276	-13.574	-7.772	-4.87	-5.13	-7.69	-8.981	-4.384	-1.577	-2.023	-2.274
		315	-1.882	-5.382	-6.415	-3.451	-1.385	-0.812	-1.02	-1.483	-1.353	-1.089	-2.994	-7.306
		330	-6.806	-9.515	-9.299	-6.936	-5.879	-5.152	-4.494	-3.331	-2.722	-3.519	-4.8	-5.738
		345	-11.244	-9.207	-6.126	-4.445	-3.616	-3.497	-4.051	-4.969	-4.351	-3.577	-3.696	-3.865
		360	-12.019	-12.142	-12.495	-13.029	-13.638	-14.146	-14.347	-14.146	-13.638	-13.029	-12.495	-12.142

5G0-5500 MHZ

Polarization-Total	Amplitude											
	0	-9.419	-9.419	-9.419	-9.419	-9.419	-9.419	-9.419	-9.419	-9.419	-9.419	-9.419
	15	-4.034	-4.869	-5.724	-7.176	-9.593	-7.293	-4.614	-4.034	-5.244	-7.302	-7.757	-5.634
	30	-3.388	-3.372	-4.331	-6.186	-7.704	-6.542	-3.806	-2.109	-3.104	-6.265	-5.263	-2.799
	45	-8.99	-9.328	-8.693	-9.137	-8.801	-11.82	-11.835	-6.169	-5.747	-10.236	-5.215	-0.866
	60	-1.119	-3.525	-4.406	-4.966	-7.003	-7.623	-3.293	-3.749	-1.545	0.052	-4.404	-10.309
	75	0.967	0.105	-1.374	-2.123	-4.012	-5.184	-0.367	1.111	0.037	-2.781	-3.695	-1.296
	90	-1.061	-2.231	-1.893	-1.327	-2.925	-8.257	-3.058	-1.718	-0.932	-0.616	-2.979	-4.673
	105	2.571	2.122	0.962	0.057	-1.025	-4.296	-3.588	-2.356	-5.863	-6.34	-3.996	-0.261
	120	-0.991	-2.017	-1.532	-1.979	-2.606	-5.786	-12.642	-14.628	-8.376	-2.727	-0.582	-0.387
	135	1.679	-1.558	-4.799	-5.227	-5.71	-6.057	-4.742	-4.801	-6.129	-4.848	-0.703	2.56
	150	2.296	1.24	-0.594	-2.803	-4.78	-5.589	-4.937	-4.513	-4.65	-4.078	-1.704	1.274
	165	0.106	-0.39	-0.974	-1.686	-2.417	-2.947	-3.141	-3.166	-3.188	-3.082	-2.521	-1.634
	180	-1.816	-1.83	-1.865	-1.968	-2.006	-2.087	-2.057	-2.046	-2.019	-2.047	-2.057	-1.912
	195	0.494	1.337	1.554	1.353	1.098	0.879	0.83	0.703	0.634	0.631	0.751	0.984
	210	2.946	4.03	4.061	3.229	1.83	0.588	0.237	0.23	0.068	0.17	1.052	1.993
	225	4.489	4.81	4.316	3.535	1.916	-0.406	-2.28	-2.433	-1.303	0.579	2.474	3.196
	240	0.616	1.492	1.421	0.952	0.432	-0.697	-2.83	-1.775	0.563	1.933	2.298	1.356
	255	0.997	1.74	1.152	-0.343	-2.688	-2.978	-2.28	-0.163	2.054	3.012	2.738	2.616
	270	-2.529	-4.848	-3.412	-0.666	-0.333	-3.349	-6.555	-1.63	1.22	0.398	-1.361	-1.581
	285	-1.654	-4.68	-3.413	-2.024	-0.098	0.677	-0.537	0.322	1.505	0.448	-0.041	0.346
	300	-8.55	-4.879	-2.798	-1.385	-2.372	-4.383	-6.835	-5.821	-1.739	0.181	-0.965	-1.455
	315	-1.117	-2.958	-3.18	-1.637	-0.422	-0.136	-0.368	-0.559	-0.216	-0.037	-2.087	-6.664
	330	-2.224	-1.933	-1.911	-2.483	-3.609	-4.207	-3.89	-2.719	-1.95	-2.222	-2.861	-3.728
	345	-2.119	-0.43	0	-0.432	-1.695	-2.65	-3.347	-4.026	-3.236	-2.063	-1.937	-2.281
	360	-9.419	-9.419	-9.419	-9.419	-9.419	-9.419	-9.419	-9.419	-9.419	-9.419	-9.419	-9.419

5G0-5725 MHZ

Frequency(MHz)	Polarization	Category	Theta\Phi	0	15	30	45	60	75	90	105	120	135	150	165
5725M	Polarization-H	Amplitude	0	-14.56	-14.443	-14.139	-13.756	-13.404	-13.163	-13.078	-13.163	-13.404	-13.756	-14.139	-14.443
			15	-5.048	-6.538	-8.518	-11.333	-17.689	-16.497	-11.285	-10.446	-14.958	-24.979	-10.625	-6.206
			30	-9.692	-10.231	-13.862	-23.584	-17.552	-24.929	-9.814	-5.938	-7.607	-12.673	-7.889	-8.25
			45	-12.045	-9.919	-12.384	-19.312	-15.229	-11.005	-13.75	-13.607	-14.681	-16.428	-7.926	-10.754
			60	-9.905	-9.133	-10.799	-11.183	-14.082	-14.847	-11.413	-14.237	-14.41	-9.604	-7.917	-7.362
			75	-8.856	-5.874	-5.57	-9.2	-9.578	-11.094	-14.561	-16.933	-11.348	-10.82	-7.963	-6.845
			90	-9.801	-8.649	-9.029	-11.263	-10.357	-12.095	-14.633	-35.466	-8.801	-7.894	-14.169	-10.403
			105	-10.96	-11.421	-10.502	-8.52	-7.139	-7.955	-14.389	-24.797	-8.573	-6.462	-10.192	-7.54
			120	-7.07	-16.002	-13.2	-8.279	-7.84	-11.614	-19.479	-27.819	-15.917	-9.552	-6.715	-4.23
			135	-4.285	-7.316	-12.231	-10.831	-12.164	-18.528	-29.267	-26.596	-17.226	-8.475	-4.743	-2.924
			150	-0.466	-2.437	-6.39	-11.578	-18.572	-21.349	-15.753	-18.362	-18.528	-6.96	-2.636	-1.024
			165	-0.541	-1.811	-3.626	-6.061	-8.895	-10.968	-12.376	-13.867	-11.786	-7.072	-3.397	-1.471
			180	0.012	-0.446	-1.384	-2.958	-5.604	-10.244	-17.871	-11.968	-6.22	-3.102	-1.223	-0.24
			195	0.145	0.126	-0.466	-2.123	-5.537	-12.973	-16.359	-7.199	-3.018	-0.777	0.368	0.792
			210	-0.275	0.592	0.428	-1.093	-4.967	-15.088	-15.974	-7.522	-3.612	-1.491	-0.634	-0.611
			225	-0.923	-0.33	-1.718	-3.189	-5.288	-13.284	-15.005	-7.788	-4.447	-2.274	-0.912	-1.194
			240	-1.681	-2.153	-3.076	-4.709	-6.877	-10.799	-13.412	-5.682	-3.155	-1.389	0.274	-0.918
			255	-6.877	-5.683	-6.012	-9.695	-15.809	-19.256	-14.936	-7.965	-5.954	-2.492	-0.933	-3.105
			270	-8.937	-9.812	-20.446	-17.896	-9.898	-14.27	-16.371	-7.059	-5.249	-3.997	-2.312	-6.358
			285	-10.441	-27.207	-13.549	-18.002	-29.402	-23.405	-24.82	-12.151	-7.913	-12.238	-6.601	-8.478
			300	-17.079	-10.441	-8.576	-6.773	-9.262	-19.364	-25.946	-11.608	-6.795	-10.591	-11.867	-12.936
			315	-10.428	-5.332	-5.887	-8.87	-12.607	-17.445	-14.427	-15.55	-10.942	-8.121	-8.187	-22.975
			330	-9.137	-6.092	-5.735	-8.641	-12.97	-13.806	-12.979	-12.75	-10.882	-7.367	-6.254	-8.669
			345	-4.675	-3.873	-5.625	-9.369	-17.159	-29.263	-20.966	-17.367	-13.086	-8.515	-5.49	-4.137
			360	-14.56	-14.443	-14.139	-13.756	-13.404	-13.163	-13.078	-13.163	-13.404	-13.756	-14.139	-14.443

5G0-5725 MHZ

Polarization-V	Amplitude												
		0	-13.078	-13.163	-13.404	-13.756	-14.139	-14.443	-14.56	-14.443	-14.139	-13.756	-13.404	-13.163
		15	-9.143	-9.681	-9.93	-10.089	-9.982	-8.319	-6.895	-6.884	-7.424	-7.403	-8.953	-12.638
		30	-6.085	-6.26	-6.763	-6.916	-6.671	-7.068	-9.576	-10.744	-9.999	-9.089	-11.206	-12.536
		45	-5.875	-11.742	-18.024	-13.747	-12.031	-11.585	-7.004	-5.49	-11.223	-9.531	-4.42	-5.266
		60	-2.689	-1.639	-3.577	-4.972	-4.629	-5.832	-4.468	-3.499	-3.788	-3.867	-6.641	-10.807
		75	-0.799	-1.269	-4.317	-4.228	-2.142	-3.083	-2.424	-1.254	-6.69	-9.336	-9.024	-8.057
		90	-0.987	-0.185	-1.649	-3.25	-3.105	-3.837	-6.645	-9.183	-12.876	-12.818	-6.88	-7.291
		105	1.766	1.663	-0.704	-2.155	-2.139	-4.624	-7.157	-7.895	-10.512	-10.167	-6.92	-3.966
		120	-0.285	-2.622	-5.512	-7.026	-6.246	-4.731	-5.604	-6.68	-7.156	-8.849	-6.78	-5.419
		135	1.248	-0.216	-2.545	-5.161	-7.615	-7.723	-5.825	-4.574	-3.975	-3.53	-2.009	0.04
		150	-4.175	-4.027	-4.817	-6.839	-9.922	-12.255	-10.939	-7.546	-4.805	-3.262	-2.411	-1.49
		165	-10.089	-9.809	-9.162	-8.637	-8.475	-8.011	-6.764	-4.885	-3.762	-3.761	-5.17	-7.479
		180	-20.517	-10.685	-5.923	-3.286	-1.663	-0.741	-0.375	-0.582	-1.446	-3.22	-6.222	-12.35
		195	-9.127	-7.918	-4.929	-2.544	-0.859	0.121	0.421	0.042	-1.006	-2.764	-5.435	-8.957
		210	-2.159	-2.997	-2.703	-1.468	-0.382	0.36	0.806	0.544	-1.05	-4.485	-7.449	-5.189
		225	0.7	0.485	-0.308	-1.309	-1.488	-0.797	-0.67	-1.432	-3.328	-6.831	-5.579	-0.38
		240	-3.73	-1.917	-1.754	-1.634	-0.81	0.508	0.323	-1.603	-4.198	-6.528	-6.104	-2.383
		255	-2.617	-2.403	-2.518	-2.93	-2.55	-0.287	-0.314	-1.366	0.006	-0.168	-1.401	0.442
		270	-12.136	-9.067	-6.682	-3.172	-1.221	-1.552	-1.847	-1.707	0.213	-0.101	-6.061	-3.57
		285	-9.022	-11.898	-11.419	-5.638	-0.185	1.012	-0.523	-0.043	1.302	0.515	-1.449	-3.616
		300	-20.165	-17.209	-14.227	-5.917	-2.608	-0.21	-1.149	-3.848	-4.905	-4.778	-4.532	-4.157
		315	-6.856	-9.03	-10.303	-4.189	-1.157	-1.71	-4.208	-3.973	-1.024	0.822	-0.274	-3.097
		330	-13.109	-16.305	-9.742	-6.084	-4.505	-3.59	-4.213	-4.235	-2.651	-1.44	-2.303	-4.779
		345	-15.412	-11.947	-7.864	-6.157	-5.341	-5.033	-4.924	-5.047	-4.633	-3.797	-4.464	-6.247
		360	-13.078	-13.163	-13.404	-13.756	-14.139	-14.443	-14.56	-14.443	-14.139	-13.756	-13.404	-13.163

5G0-5725 MHZ

Polarization-Total Amplitude

0	-10.146	-10.146	-10.146	-10.146	-10.146	-10.146	-10.146	-10.146	-10.146	-10.146	-10.146	-10.146
15	-3.019	-4.221	-5.557	-7.056	-8.702	-7.104	-4.947	-4.7	-6.119	-6.728	-6.099	-4.716
30	-3.914	-4.196	-5.389	-6.223	-5.73	-6.398	-6.083	-4.097	-5.03	-6.911	-5.628	-6.274
45	-4.335	-7.126	-10.736	-12.083	-9.731	-7.675	-5.57	-4.267	-9.006	-8.124	-2.218	-3.585
60	-1.334	-0.327	-2.223	-3.44	-3.562	-4.719	-3.069	-2.547	-2.827	-2.239	-3.622	-5.141
75	0.432	0.622	-1.288	-2.428	-0.821	-1.846	-1.567	-0.538	-4.812	-6.405	-4.851	-3.799
90	0.149	0.993	-0.32	-2.013	-1.755	-2.633	-5.404	-8.573	-6.767	-6.082	-5.537	-4.964
105	2.592	2.472	0.328	-0.653	-0.345	-2.367	-5.805	-7.208	-5.825	-4.321	-4.645	-1.785
120	1.142	-1.827	-4.229	-3.997	-3.36	-3.322	-4.829	-6.047	-6.013	-5.576	-3.137	-1.174
135	2.919	1.158	-1.501	-3.519	-5.709	-6.776	-5.206	-3.947	-3.174	-1.724	0.446	2.417
150	1.674	0.45	-1.922	-4.981	-8.766	-11.15	-9.1	-6.6	-4.025	-1.119	1.089	2.359
165	0.516	-0.572	-1.955	-3.551	-5.07	-5.632	-5.11	-3.768	-2.526	-1.498	-0.583	0.1
180	0.65	0.546	0.524	0.492	0.41	0.32	0.301	0.323	0.403	0.45	0.57	0.619
195	1.231	1.359	1.463	1.282	1.014	0.929	1.112	1.393	1.714	1.953	1.981	1.829
210	2.495	2.768	2.749	2.334	1.515	1.082	1.496	1.774	1.466	0.876	0.787	1.287
225	3.574	3.706	2.654	1.462	0.625	0.042	0.088	0.072	-0.241	-0.37	0.964	2.842
240	1.024	1.577	1.246	0.705	0.75	1.418	1.103	0.43	-0.035	0.371	1.774	2.021
255	-0.634	-0.13	-0.312	-1.5	-1.749	0.367	0.433	0.094	1.587	2.434	2.449	2.631
270	-6.638	-5.814	-5.903	-2.428	-0.069	-0.725	-1.096	0.005	1.899	1.984	-0.184	-1.134
285	-6.064	-11.172	-8.745	-4.793	0.42	1.628	0.093	0.816	2.393	1.34	0.308	-1.789
300	-14.743	-9.012	-6.931	-2.714	-1.158	0.442	-0.534	-2.576	-2.137	-3.167	-3.196	-3.017
315	-4.674	-3.189	-3.946	-2.317	-0.256	-0.996	-3.213	-3.081	-0.003	1.943	0.977	-2.452
330	-7.073	-5.097	-3.682	-3.567	-3.327	-2.596	-3.071	-3.063	-1.443	0.148	-0.233	-2.692
345	-3.723	-2.644	-2.991	-3.862	-4.464	-4.416	-4.218	-4.2	-3.454	-1.935	-1.337	-1.454
360	-10.146	-10.146	-10.146	-10.146	-10.146	-10.146	-10.146	-10.146	-10.146	-10.146	-10.146	-10.146

5G0-5825 MHZ

Frequency(MHz)	Polarization	Category	Theta\Phi	0	15	30	45	60	75	90	105	120	135	150	165
5825M	Polarization-H	Amplitude	0	-14.82	-14.587	-14.006	-13.321	-12.729	-12.342	-12.208	-12.342	-12.729	-13.321	-14.006	-14.587
			15	-5.517	-7.165	-9.034	-10.537	-12.645	-13.358	-11.504	-11.918	-20.442	-15.853	-7.48	-4.894
			30	-9.678	-6.789	-9.962	-32.585	-17.816	-13.209	-7.041	-5.76	-9.344	-20.834	-10.998	-12.909
			45	-10.016	-6.822	-6.699	-9.28	-13.961	-12.061	-15.111	-14.645	-20.542	-28.278	-11.725	-8.902
			60	-9.781	-5.995	-5.953	-7.619	-14.816	-13.796	-13.505	-13.233	-14.56	-10.746	-11.671	-6.621
			75	-6.505	-3.589	-4.213	-8.367	-9.248	-10.723	-14.441	-15.714	-11.709	-11.645	-9.724	-11.17
			90	-6.365	-6.291	-7.48	-9.062	-10.242	-9.932	-11.971	-22.097	-9.291	-8.204	-15.168	-18.645
			105	-16.701	-13.319	-10.69	-7.776	-7.898	-8.162	-12.45	-19.175	-10.923	-9.624	-13.397	-9.002
			120	-9.473	-21.778	-11.644	-8.619	-12.603	-19.231	-25.592	-17.467	-16.803	-13.283	-7.231	-7.274
			135	-5.181	-9.556	-10.184	-9.314	-14.234	-18.089	-21.315	-27.423	-35.481	-11.703	-4.062	-2.711
			150	-2.331	-5.791	-10.667	-13.297	-16.516	-17.52	-15.553	-15.402	-16.615	-10.116	-3.997	-1.819
			165	-0.803	-2.492	-4.816	-7.163	-9.703	-11.518	-12	-11.31	-8.984	-5.699	-2.842	-1.115
			180	0.603	0.174	-0.783	-2.488	-5.404	-10.855	-22.846	-10.923	-5.371	-2.415	-0.686	0.24
			195	0.017	-0.512	-1.863	-4.57	-9.458	-22.274	-10.586	-4.9	-1.895	-0.194	0.521	0.432
			210	-2.615	-3.226	-3.469	-4.452	-8.487	-33.556	-9.356	-4.513	-2.307	-1.537	-1.768	-2.36
			225	-2.218	-1.74	-3.126	-5.044	-7.588	-20.884	-9.855	-4.509	-2.774	-2.445	-2.987	-3.354
			240	-4.27	-4.294	-5.96	-7.891	-10.434	-14.142	-7.499	-1.533	-0.607	-1.696	-1.497	-3.658
			255	-7.486	-7.641	-6.723	-9.449	-15.5	-15.719	-10.078	-4.718	-3.049	-2.855	-2.043	-4.568
			270	-15.869	-7.462	-11.511	-16.177	-9.706	-11.518	-14.962	-8.085	-9.938	-6.172	-2.728	-4.599
			285	-23.011	-17.266	-17.189	-18.749	-18.274	-15.196	-16.719	-11.68	-11.019	-21.019	-5.986	-6.767
			300	-10.612	-11.094	-9.174	-12.367	-20.896	-13.84	-18.768	-10.886	-4.916	-8.93	-10.226	-11.384
			315	-7.799	-7.25	-14.663	-19.522	-15.241	-10.313	-11.15	-27.582	-12.163	-9.71	-8.3	-22.876
			330	-11.697	-9.329	-9.704	-10.578	-11.786	-11.459	-11.127	-12.504	-12.092	-8.524	-8.655	-19.61
			345	-4.572	-5.279	-8.044	-12.476	-20.189	-23.063	-17.357	-18.66	-16.765	-9.889	-5.565	-4.004
			360	-14.82	-14.587	-14.006	-13.321	-12.729	-12.342	-12.208	-12.342	-12.729	-13.321	-14.006	-14.587

5G0-5825 MHZ

Polarization-V	Amplitude												
	0	-12.208	-12.342	-12.729	-13.321	-14.006	-14.587	-14.82	-14.587	-14.006	-13.321	-12.729	-12.342
	15	-5.35	-5.651	-5.964	-6.38	-5.954	-5.387	-5.749	-6.9	-7.466	-7.443	-8.592	-12.089
	30	-3.011	-5.574	-7.32	-5.886	-4.088	-4.04	-6.427	-9.927	-10.847	-9.167	-8.842	-11.348
	45	-4.306	-6.186	-10.078	-12.168	-13.208	-13.424	-8.977	-4.622	-6.2	-17.948	-6.056	-5.453
	60	-1.538	-1.181	-4.478	-7.408	-6.507	-5.933	-4.008	-3.998	-5.162	-6.412	-18.192	-14.67
	75	0.357	-0.277	-4.843	-5.624	-3.192	-2.643	-1.825	-1.149	-8.044	-29.996	-12.378	-7.975
	90	0.306	0.182	-2.537	-4.975	-4.261	-3.544	-4.441	-11.709	-24.017	-14.117	-10.271	-9.927
	105	1.757	0.26	-4.383	-5.824	-3.951	-4.842	-5.835	-6.977	-7.726	-12.95	-11.656	-6.248
	120	0.247	-3.28	-6.525	-7.519	-6.159	-4.19	-3.504	-3.513	-5.126	-8.811	-8.113	-7.172
	135	0.023	-2.611	-6.439	-8.783	-7.372	-5.341	-4.476	-4.538	-5.028	-5.954	-4.362	-0.288
	150	-6.574	-7.708	-10.465	-14.871	-15.553	-13.484	-10.012	-7.463	-5.721	-5.348	-5.96	-5.011
	165	-12.703	-14.824	-13.982	-11.543	-9.845	-8.606	-7.453	-5.914	-4.836	-4.885	-6.544	-9.892
	180	-23.932	-9.425	-4.546	-1.835	-0.191	0.61	0.831	0.505	-0.317	-2.162	-5.501	-12.496
	195	-10.442	-6.295	-3.051	-1.084	0.195	0.857	0.929	0.428	-0.624	-2.522	-5.462	-10.087
	210	-3.21	-2.827	-3.377	-2.747	-1.339	-0.322	-0.135	-0.875	-2.889	-5.877	-6.735	-5.85
	225	1.393	1.042	-0.538	-2.129	-2.236	-1.312	-1.054	-1.876	-3.996	-7.223	-4.063	-0.286
	240	-5.555	-2.296	-2.097	-3.736	-2.684	-0.217	-0.207	-3.272	-7.882	-8.244	-5.268	-0.714
	255	-2.118	-1.26	-2.028	-3.337	-2.391	-0.204	-0.852	-2.567	-2.575	-2.962	-0.792	0.764
	270	-11.641	-7.268	-6.028	-7.248	-3.768	-1.46	-3.17	-4.617	-0.986	-1.887	-5.591	-0.585
	285	-9.888	-7.956	-9.252	-8.506	-1.533	0.76	-0.765	-2.224	0.074	0.38	-3.008	-4.598
	300	-13.502	-9.916	-21.819	-7.694	-2.311	-0.506	-0.832	-2.825	-5.235	-6.478	-5.147	-3.975
	315	-7.129	-10.14	-13.267	-5.216	-1.353	-1.373	-4.608	-5.066	-2.56	-0.77	-1.288	-2.891
	330	-15.328	-21.994	-12.187	-8.249	-6.949	-6.075	-6.852	-6.29	-3.105	-0.992	-1.031	-2.332
	345	-15.243	-11.785	-9.432	-7.989	-7.346	-6.778	-6.633	-5.389	-3.808	-2.57	-2.854	-4.024
	360	-12.208	-12.342	-12.729	-13.321	-14.006	-14.587	-14.82	-14.587	-14.006	-13.321	-12.729	-12.342

5G0-5825 MHZ

Polarization-Total	Amplitude											
	0	-9.711	-9.711	-9.711	-9.711	-9.711	-9.711	-9.711	-9.711	-9.711	-9.711	-9.711
	15	-1.823	-2.732	-3.623	-4.369	-4.511	-4.144	-4.125	-5.111	-6.652	-6.258	-4.39	-3.536
	30	-1.564	-2.529	-4.833	-5.277	-3.308	-2.943	-3.113	-3.751	-6.42	-8.28	-6.177	-8.448
	45	-2.673	-2.882	-4.457	-6.878	-9.958	-9.079	-7.431	-3.61	-5.443	-16.963	-4.414	-3.234
	60	-0.332	0.658	-1.543	-3.902	-5.309	-4.675	-2.946	-2.909	-4.09	-4.449	-10.198	-5.389
	75	1.77	1.986	-0.906	-3.172	-1.63	-1.415	-0.994	-0.4	-5.891	-10.982	-7.241	-5.675
	90	1.753	1.664	-0.73	-2.944	-2.684	-2.046	-3.134	-10.729	-8.547	-6.613	-8.453	-8.779
	105	2.418	1.046	-2.87	-3.081	-1.88	-2.582	-4.378	-6.123	-5.426	-7.366	-8.829	-3.8
	120	1.287	-2.619	-4.76	-4.424	-4.671	-3.456	-2.877	-2.742	-4.24	-6.885	-4.039	-3.612
	135	1.768	-1.211	-4.31	-5.43	-5.958	-4.517	-3.787	-3.916	-4.424	-4.33	-0.599	2.278
	150	-0.343	-3.034	-6.955	-10.403	-12.397	-11.439	-8.343	-6.216	-4.781	-3.498	-1.258	0.482
	165	0.069	-1.645	-3.719	-5.213	-6.163	-6.212	-5.546	-4.212	-2.822	-1.663	-0.699	0.026
	180	1.218	1.226	1.342	1.461	1.552	1.51	1.45	1.407	1.463	1.324	1.153	1.065
	195	0.991	1.106	1.194	1.124	1.242	1.478	1.826	2.145	2.397	2.406	2.098	1.401
	210	0.708	0.588	0.188	0.094	0.027	0.28	0.955	1.286	1.022	0.424	0.033	-0.153
	225	3.563	3.48	1.968	0.264	-0.525	-0.665	0.083	0.614	0.268	-0.597	0.119	2.056
	240	-1.255	0.429	-0.002	-1.724	-1.41	0.556	1.136	1.294	0.739	-0.228	0.625	1.669
	255	-0.411	0.239	-0.16	-1.786	-1.584	0.516	0.238	0.1	0.804	0.702	2.238	2.48
	270	-9.649	-3.754	-4.346	-6.125	-2.183	-0.451	-2.292	-2.403	0.135	0.089	-0.318	1.466
	285	-9.082	-6.874	-8.004	-7.513	-0.842	1.469	-0.056	-1.158	0.999	1.011	-0.636	-1.938
	300	-8.21	-6.855	-8.344	-5.82	-1.652	0.291	-0.163	-1.595	-1.462	-3.923	-3.372	-2.65
	315	-3.841	-4.848	-10.299	-4.458	-0.579	-0.251	-3.138	-4.442	-1.508	0.351	0.1	-2.248
	330	-9.533	-8.5	-7.16	-5.649	-5.116	-4.371	-4.873	-4.759	-1.989	0.314	0.261	-1.652
	345	-3.615	-3.803	-5.072	-6.067	-6.526	-6.077	-5.68	-4.589	-2.994	-1.231	-0.391	-0.404
	360	-9.711	-9.711	-9.711	-9.711	-9.711	-9.711	-9.711	-9.711	-9.711	-9.711	-9.711	-9.711

5G1-5150 MHZ

Frequency(MHz)	Polarization	Category	Theta\Phi	0	15	30	45	60	75	90	105	120	135	150	165
5150M	Polarization-H	Amplitude	0	-14.245	-14.333	-14.583	-14.95	-15.351	-15.67	-15.792	-15.67	-15.351	-14.95	-14.583	-14.333
			15	-14.048	-11.001	-7.603	-5.175	-4.507	-5.373	-8.207	-14.83	-27.044	-12.096	-7.42	-6.251
			30	-24.841	-23.695	-14.421	-8.297	-6.688	-8.033	-11.296	-17.256	-12.661	-5.701	-3.012	-3.28
			45	-13.086	-15.988	-15.192	-12.449	-15.488	-13.366	-8.856	-15.32	-13.906	-6.84	-4.756	-4.408
			60	-17.388	-14.836	-18.108	-12.959	-9.312	-31.994	-10.736	-12.626	-17.808	-14.499	-10.176	-10.695
			75	-21.345	-17.403	-15.932	-11.441	-11.432	-14.514	-14.837	-29.065	-11.077	-10.139	-12.962	-9.575
			90	-31.007	-17.014	-28.889	-13.682	-16.796	-14.2	-18.588	-17.756	-18.889	-10.153	-15	-9.686
			105	-7.801	-8.578	-19.405	-15.3	-22.538	-16.453	-18.253	-13.984	-9.875	-12.189	-18.934	-12.199
			120	-6.971	-8.463	-13.174	-9.916	-13.245	-13.487	-8.936	-16.75	-15.593	-13.965	-24.338	-14.916
			135	-8.674	-13.443	-14.245	-10.324	-11.179	-18.517	-14.658	-12.533	-13.944	-15.805	-13.259	-10.539
			150	-9.724	-12.368	-15.85	-14.485	-13.184	-15.486	-24.859	-20.479	-15.619	-14.088	-10.36	-6.976
			165	-9.145	-8.585	-8.714	-9.627	-11.052	-13.023	-15.894	-18.407	-15.942	-11.92	-8.995	-7.145
			180	-8.155	-8.272	-9.044	-10.689	-13.363	-17.636	-22.909	-19.779	-15.093	-11.995	-9.894	-8.708
			195	-4.92	-4.971	-5.793	-7.044	-8.99	-11.704	-15.56	-20.027	-22.144	-18.603	-14.044	-10.609
			210	-4.042	-4.328	-5.463	-6.588	-8.461	-13.308	-28.245	-18.822	-15.809	-19.215	-25.783	-14.008
			225	-10.018	-10.583	-9.483	-7.128	-7.096	-13.324	-26.928	-18.244	-16.513	-18.287	-22.04	-9.97
			240	-12.638	-15.928	-18.047	-25.646	-27.402	-20.014	-33.215	-15.646	-10.913	-14.619	-25.039	-10.352
			255	-11.993	-17.768	-9.349	-7.116	-6.836	-15.009	-13.818	-7.027	-5.222	-9.117	-34.53	-13.613
			270	-12.53	-12.11	-10.977	-12.315	-10.007	-14.258	-21.365	-11.731	-5.868	-7.333	-14.295	-19.182
			285	-23.217	-9.388	-8.449	-13.316	-22.249	-12.65	-14.998	-13.991	-7.849	-7.97	-12.86	-15.346
			300	-5.907	-2.302	-2.553	-3.963	-8.971	-10.194	-11.964	-9.972	-8.091	-12.114	-17.278	-16.039
			315	-2.762	-2.282	-2.088	-2.858	-4.964	-4.641	-8.133	-12.27	-6.474	-6.388	-8.394	-10.224
			330	-4.388	-5.242	-4.904	-5.388	-5.668	-5.216	-7.472	-16.565	-20.533	-16.407	-22.894	-29.51
			345	-5.83	-5.712	-6.213	-6.423	-7.024	-7.526	-9.3	-12.111	-14.521	-13.597	-13.69	-14.814
			360	-14.245	-14.333	-14.583	-14.95	-15.351	-15.67	-15.792	-15.67	-15.351	-14.95	-14.583	-14.333

5G1-5150 MHZ

Polarization-V	Amplitude	0	-15.792	-15.67	-15.351	-14.95	-14.583	-14.333	-14.245	-14.333	-14.583	-14.95	-15.351	-15.67
		15	-13.98	-13.658	-14.067	-14.667	-13.584	-11.177	-8.359	-6.906	-6.002	-4.35	-3.349	-4.191
		30	-3.392	-4.186	-4.534	-5.489	-7.218	-10.3	-13.486	-12.438	-5.644	-0.875	1.572	1.623
		45	-8.004	-6.077	-4.231	-4.755	-7.947	-16.957	-12.201	-5.013	-5.167	-3.854	0.436	1.852
		60	-1.497	-4.754	-7.9	-12.209	-13.187	-5.458	-7.739	-6.693	-3.502	-4.384	-3.464	-5.786
		75	-1.498	-3.126	-3.163	-5.025	-9.925	-7.617	-7.017	-3.846	-4.122	-4.445	-5.341	-3.022
		90	0.266	-1.463	-2.752	-4.192	-7.027	-0.842	-6.566	-5.657	-2.262	-1.628	2.223	2.754
		105	-2.122	-4.111	-3.269	-2.379	-3.755	-2.248	-1.465	-6.785	-16.067	-17.703	-10.858	-11.253
		120	0.094	-3.851	-7.25	-6.923	-4.579	-5.736	-10.495	-16.918	-12.061	-3.221	0.669	2.648
		135	-2.793	-4.793	-6.224	-8.503	-8.493	-8.196	-10.423	-12.331	-16.588	-16.58	-10.097	-7.914
		150	-5.151	-6.262	-7.255	-8.182	-8.805	-9.678	-10.351	-8.99	-7.241	-6.351	-5.619	-4.135
		165	-6.075	-7.853	-9.924	-12.227	-14.85	-18.138	-21.273	-19.066	-15.205	-12.163	-9.463	-6.991
		180	-20.07	-19.676	-15.163	-11.802	-9.984	-8.853	-8.464	-8.353	-8.822	-10.002	-11.981	-15.513
		195	-4.333	-2.721	-1.948	-1.819	-2.259	-2.984	-3.766	-4.448	-4.577	-4.513	-4.459	-5.089
		210	-1.736	-0.366	0.275	0.15	-0.984	-3.312	-6.806	-9.274	-7.638	-5.108	-3.69	-3.791
		225	-6.957	-6.252	-4.61	-2.56	-2.301	-4.77	-8.858	-11.452	-8.904	-4.271	-1.63	-1.077
		240	3.589	2.995	0.755	-2.59	-3.51	-1.945	-2.146	-4.742	-4.17	-0.897	1.091	1.633
		255	-4.562	-1.248	1.692	1.922	-0.339	0.623	2.379	1.402	0.103	0.489	0.759	0.009
		270	2.437	1.222	-4.178	-0.471	0.71	-0.59	2.193	2.295	-0.496	-2.172	-1.199	0.239
		285	0.592	1.743	0.364	-1.093	2.891	2.814	-0.24	-0.482	-0.684	-0.082	0.773	0.411
		300	-5.408	-7.541	-15.056	-4.882	-0.912	2.104	2.269	0.005	-1.95	-3.297	-2.688	-0.995
		315	1.973	0.745	-4.218	-24.406	-12.385	-18.969	-11.63	-11.624	-16.472	-13.101	-9.566	-8.168
		330	-0.507	-2.823	-6.451	-12.535	-9.129	-7.145	-7.951	-8.665	-7.663	-5.809	-4.337	-3.629
		345	-7.275	-10.7	-16.319	-21.361	-22.21	-22.648	-20.309	-19.126	-17.772	-16.754	-16.073	-13.688
		360	-15.792	-15.67	-15.351	-14.95	-14.583	-14.333	-14.245	-14.333	-14.583	-14.95	-15.351	-15.67

5G1-5150 MHZ

Polarization-Total	Amplitude	0	-11.34	-11.34	-11.34	-11.34	-11.34	-11.34	-11.34	-11.34	-11.34	-11.34	-11.34	-11.34
		15	-10.403	-8.519	-6.119	-4.113	-3.4	-3.76	-4.672	-5.656	-5.368	-3.075	-1.314	-1.489
		30	-2.761	-3.537	-3.51	-3.06	-3.335	-5.41	-8.644	-10.6	-4.257	0.961	3.469	3.44
		45	-6.23	-5.055	-3.296	-3.473	-6.642	-11.19	-6.604	-4.026	-4.022	-1.485	2.184	3.375
		60	-0.787	-3.747	-6.904	-8.957	-7.221	-4.848	-5.373	-5.107	-2.744	-3.38	-2.024	-3.971
		75	-0.853	-2.367	-2.34	-3.532	-7.003	-6.209	-5.753	-3.233	-2.724	-2.809	-4.048	-1.554
		90	0.869	-0.744	-2.142	-3.129	-5.992	-0.046	-5.701	-4.797	-1.569	-0.458	2.905	3.595
		105	-0.482	-2.183	-2.564	-1.563	-3.097	-1.487	-0.775	-5.427	-8.34	-10.513	-9.629	-8.09
		120	1.473	-1.962	-5.661	-4.557	-3.425	-4.462	-6.036	-13.223	-9.867	-2.269	1.282	3.323
		135	-1.195	-3.637	-4.988	-5.709	-6.021	-7.21	-8.433	-8.82	-11.458	-12.565	-7.786	-5.421
		150	-3.251	-4.71	-6.093	-6.668	-6.854	-8.065	-9.6	-8.092	-6.052	-5.075	-3.762	-1.717
		165	-3.734	-4.593	-5.666	-7.125	-8.938	-11.257	-14.189	-15.114	-11.947	-8.429	-5.612	-3.457
		180	-7.284	-7.369	-7.495	-7.6	-7.742	-7.713	-7.71	-7.451	-7.302	-7.275	-7.203	-7.285
		195	-1.007	-0.092	0.152	-0.078	-0.823	-1.837	-2.888	-3.729	-3.901	-3.746	-3.406	-3.415
		210	0.873	1.7	1.902	1.585	0.33	-2.298	-6.175	-8.217	-6.422	-4.342	-3.063	-2.797
		225	-4.613	-4.289	-2.786	-0.659	-0.458	-3.603	-8.191	-10.026	-7.61	-3.503	-0.991	0.05
		240	4.291	3.65	1.412	-1.968	-2.893	-1.278	-1.542	-3.803	-2.737	-0.116	1.702	2.5
		255	-3.241	-0.552	2.621	3.033	1.139	1.34	3.082	2.584	1.82	1.54	1.36	0.793
		270	3.174	2.019	-2.754	0.404	1.663	0.192	2.812	3.064	1.211	-0.417	-0.391	0.888
		285	1.21	2.666	1.5	-0.241	3.504	3.536	0.503	0.307	0.679	1.172	1.557	1.125
		300	-2.04	-0.565	-1.716	-0.788	0.319	2.953	3.029	1.021	-0.405	-2.161	-1.94	-0.262
		315	3.831	3.1	0.586	-2.227	-3.641	-3.884	-5.928	-8.325	-5.46	-4.949	-5.33	-5.465
		330	1.583	-0.256	-1.999	-4.022	-3.453	-2.464	-4.095	-7.412	-6.844	-4.846	-3.677	-3.018
		345	-2.882	-3.916	-5.208	-5.685	-6.294	-6.795	-8.369	-10.723	-12.239	-11.285	-11.11	-10.604
		360	-11.34	-11.34	-11.34	-11.34	-11.34	-11.34	-11.34	-11.34	-11.34	-11.34	-11.34	-11.34

5G1-5350 MHZ

Frequency(MHz)	Polarization	Category	Theta\Phi	0	15	30	45	60	75	90	105	120	135	150	165
5350M	Polarization-H	Amplitude	0	-16.812	-16.678	-16.334	-15.903	-15.512	-15.246	-15.152	-15.246	-15.512	-15.903	-16.334	-16.678
			15	-12.208	-12.418	-13.923	-12.284	-7.992	-5.929	-7.011	-10.676	-19.013	-24.929	-14.343	-11.813
			30	-15.018	-9.769	-10.454	-13.268	-7.9	-7.772	-10.589	-10.927	-16.67	-13.528	-6.985	-7.45
			45	-11.187	-22.194	-27.675	-19.054	-13.501	-14.568	-7.331	-9.1	-26.934	-10.138	-5.979	-4.873
			60	-18.57	-17.583	-13.534	-14.135	-7.463	-18.329	-10.623	-14.163	-14.141	-10.124	-7.691	-10.1
			75	-16.724	-17.489	-10.259	-11.852	-11.415	-12.903	-15.397	-16.463	-8.486	-9.813	-9.836	-7.414
			90	-20.2	-16.648	-18.377	-13.556	-20.869	-17.252	-36.179	-26.073	-17.782	-10.355	-13.696	-9.912
			105	-21.442	-12.118	-22.902	-12.891	-14.133	-13.734	-10.77	-25.937	-9.082	-11.801	-25.48	-14.109
			120	-8.984	-8.633	-13.866	-12.01	-12.62	-19.984	-9.061	-15.266	-11.831	-11.215	-22.532	-22.28
			135	-11.415	-15.318	-20.685	-14.211	-11.413	-11.353	-17.674	-16.314	-11.672	-11.103	-10.171	-8.028
			150	-16.041	-15.481	-12.643	-12.876	-11.025	-9.51	-12.478	-22.718	-12.971	-10.489	-9.889	-8.025
			165	-15.187	-12.965	-10.535	-9.505	-9.237	-9.625	-11.69	-16.336	-22.508	-18.259	-14.218	-12.251
			180	-13.018	-11.991	-10.794	-9.909	-9.723	-10.03	-10.905	-12.029	-13.458	-15.043	-16.092	-15.872
			195	-10.316	-11.433	-13.804	-17.217	-19.233	-19.165	-16.537	-12.68	-10.033	-8.966	-9.662	-12.207
			210	-5.891	-7.578	-9.673	-11.094	-14.314	-19.128	-20.171	-24.488	-10.611	-6.81	-6.86	-9.889
			225	-7.285	-7.873	-7.021	-6.571	-9.811	-22.472	-12.734	-25.86	-11.03	-7.215	-9.037	-15.511
			240	-16.312	-14.521	-12.918	-15.29	-16.518	-15.262	-34.735	-13.978	-10.664	-12.703	-14.734	-30.886
			255	-8.989	-15.967	-13.637	-6.934	-8.348	-18.503	-18.232	-12.323	-11.941	-13.039	-18.191	-20.189
			270	-13.953	-19.04	-16.958	-9.918	-8.921	-12.27	-19.629	-13.724	-9.657	-17.305	-14.548	-17.579
			285	-32.324	-9.402	-9.517	-11.499	-21.204	-17.21	-25.762	-8.498	-4.35	-5.972	-14.312	-17.697
			300	-3.987	-1.704	-2.379	-3.36	-10.181	-13.323	-17.039	-7.382	-7.432	-10.465	-18.677	-14.94
			315	-3.886	-3.892	-3.28	-4.466	-7.093	-7.047	-16.77	-8.022	-4.81	-4.493	-4.22	-5.583
			330	-10.128	-8.683	-7.454	-7.6	-5.738	-4.894	-7.996	-15.007	-14.676	-9.726	-8.93	-12.962
			345	-11.21	-9.797	-9.635	-9.222	-8.944	-8.645	-9.029	-10.788	-14.443	-19.195	-19.63	-15.901
			360	-16.812	-16.678	-16.334	-15.903	-15.512	-15.246	-15.152	-15.246	-15.512	-15.903	-16.334	-16.678

5G1-5350 MHZ

Polarization-V	Amplitude												
	0	-15.152	-15.246	-15.512	-15.903	-16.334	-16.678	-16.812	-16.678	-16.334	-15.903	-15.512	-15.246
	15	-8.706	-8.922	-9.821	-10.319	-11.227	-14.398	-14.093	-11.469	-9.292	-6.307	-4.381	-4.4
	30	-4.747	-5.199	-6.063	-7.354	-8.784	-12.225	-16.369	-20.419	-6.832	-1.302	0.704	-0.112
	45	-10.623	-9.882	-5.297	-4.156	-5.488	-10.012	-17.414	-6.224	-3.829	-2.864	0.178	1.743
	60	-1.552	-4.66	-10.626	-9.937	-18.621	-7.05	-6.646	-9.041	-4.452	-3.231	-1.861	-5.023
	75	-2.243	-3.58	-3.508	-3.271	-9.076	-6.073	-9.369	-6.321	-2.759	-1.545	-4.605	-3.438
	90	-2.771	-1.626	-1.754	-0.25	-7.093	-1.907	-2.205	-14.05	-7.07	-1.278	2.334	1.361
	105	-3.018	-2.407	-2.218	-2.048	-2.722	-4.712	-2.524	-4.03	-4.851	-8.797	-12.977	-6.866
	120	-0.733	-2.934	-4.339	-7.943	-8.307	-6.831	-13.986	-17.563	-11.136	-3.248	0.415	1.792
	135	-2.495	-4.533	-5.85	-7.416	-7.843	-5.949	-5.078	-4.26	-4.181	-6.466	-9.838	-13.543
	150	-4.173	-4.278	-5.077	-6.175	-6.502	-6.785	-6.478	-4.346	-2.437	-1.827	-1.843	-2.018
	165	-5.721	-5.99	-6.976	-8.538	-10.32	-12.608	-13.317	-12.036	-10.519	-9.854	-9.099	-8.153
	180	-9.931	-11.455	-13.39	-15.605	-16.323	-14.725	-12.881	-11.583	-10.697	-9.898	-9.4	-9.312
	195	-6.348	-5.321	-5.055	-5.126	-5.986	-7.053	-7.937	-8.454	-9.204	-9.416	-8.201	-6.629
	210	-1.41	-0.712	-0.256	-0.738	-2.767	-6.31	-6.748	-4.717	-4.152	-4.797	-4.985	-4.497
	225	-15.623	-6.076	-0.655	1.31	0.257	-2.978	-3.806	-3.796	-5.995	-7.046	-4.396	-2.236
	240	0.94	-2.358	-2.348	0.806	1.613	0.951	0.34	-1.044	-3.331	-3.938	-3.606	-1.884
	255	-2.311	1.426	3.421	1.617	1.027	2.697	2.934	1.622	1.706	2.337	0.862	-1.732
	270	-0.189	-6.783	-0.956	2.724	0.69	2.344	5.057	4.144	1.946	1.079	-0.479	-2.96
	285	0.712	1.378	0.402	3.576	5.546	3.785	2.664	3.107	1.274	0.105	0.639	0.086
	300	-8.026	-37.3	-5.079	-0.957	1.891	3.85	3.365	1.578	0.351	-1.717	-3.227	-2.149
	315	1.628	-1.268	-9.918	-7.969	-6.754	-8.551	-3.949	-4.511	-9.689	-29.048	-11.271	-8.872
	330	-2.697	-4.932	-7.422	-5.749	-3.92	-5.437	-9.741	-13.175	-11.886	-8.423	-6.355	-5.722
	345	-5.525	-6.555	-8.829	-9.039	-9.039	-10.72	-14.173	-17.72	-20.978	-18.817	-14.197	-10.511
	360	-15.152	-15.246	-15.512	-15.903	-16.334	-16.678	-16.812	-16.678	-16.334	-15.903	-15.512	-15.246

5G1-5350 MHZ

Polarization-Total	Amplitude	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360
		-12.293	-6.503	-3.757	-7.286	-0.867	-1.491	-2.093	-2.356	0.473	-1.371	-3.299	-4.656	-7.596	-4.283	0.513	-6.091	1.621	-0.866	0.59	1.314	-1.943	3.303	-1.376	-3.887	-12.293
		-12.293	-6.717	-3.298	-9.034	-3.844	-2.807	-0.891	-1.366	-1.299	-3.585	-3.36	-4.596	-8.104	-3.77	0.701	-3.272	-1.501	2.105	-5.932	2.327	-1.102	1.225	-2.804	-4.27	-12.293
		-12.293	-7.795	-4.116	-4.672	-8.231	-2.076	-1.06	-1.581	-3.28	-5.11	-3.776	-4.791	-8.291	-3.911	0.814	0.847	-1.383	4.106	-0.249	1.423	0.088	-1.828	-3.828	-5.603	-12.293
		-12.293	-7.581	-5.763	-3.417	-7.937	-2.107	0.548	-1.104	-5.907	-5.992	-4.734	-5.384	-8.273	-4.266	0.245	2.565	1.511	2.785	3.554	4.308	1.616	-2.264	-2.966	-5.519	-12.293
		-12.293	-5.705	-4.709	-4.251	-6.543	-6.479	-6.314	-1.819	-6.338	-5.661	-4.589	-6.135	-8.264	-5.185	-1.873	1.265	2.28	2.101	1.741	6.155	2.752	-3.31	-1.124	-5.381	-12.293
		-12.293	-4.751	-5.841	-8.108	-6.138	-4.654	-1.182	-3.6	-6.026	-4.249	-4.327	-7.255	-8.162	-6.194	-5.489	-2.33	1.654	3.329	3.092	4.419	4.532	-4.124	-1.547	-5.949	-12.293
		-12.293	-5.635	-8.971	-6.325	-4.584	-7.801	-1.603	-1.318	-7.25	-4.246	-4.905	-8.818	-8.171	-6.776	-5.955	-2.683	0.942	3.567	5.671	3.27	4.004	-3.128	-5.171	-7.27	-12.293
		-12.293	-7.444	-9.864	-3.818	-7.277	-5.319	-13.185	-3.402	-12.654	-3.397	-3.683	-10.064	-8.19	-6.462	-4.072	-3.169	-0.229	2.394	4.815	3.997	2.697	-2.311	-10.385	-9.387	-12.293
		-12.293	-8.252	-5.803	-3.208	-3.409	-1.129	-6.117	-2.86	-7.859	-2.868	-1.469	-9.653	-8.252	-5.989	-2.667	-4.21	-1.995	2.489	2.836	2.926	1.62	-2.987	-9.45	-12.972	-12.293
		-12.293	-5.648	-0.45	-1.519	-1.823	-0.341	-0.172	-6.434	-2.004	-4.583	-0.673	-8.668	-8.139	-5.574	-2.078	-3.519	-2.796	3.062	1.741	1.663	-0.573	-3.878	-5.415	-15.391	-12.293
		-12.293	-3.363	1.987	1.72	-0.253	-2.866	3.041	-12.14	1.037	-6.391	-0.61	-7.334	-7.957	-5.26	-2.211	-2.514	-2.684	1.515	0.288	1.376	-2.505	-2.838	-3.844	-12.504	-12.293
		-12.293	-3.076	1.224	3.199	-3.248	-1.376	2.273	-5.515	2.409	-6.353	-0.446	-6.125	-7.845	-4.967	-2.794	-1.436	-1.278	-1.07	-2.212	0.757	-1.326	-3.313	-4.371	-8.808	-12.293

5G1-5500 MHZ

Frequency(MHz)	Polarization	Category	Theta\Phi	0	15	30	45	60	75	90	105	120	135	150	165
5500M	Polarization-H	Amplitude	0	-13.314	-13.413	-13.693	-14.109	-14.568	-14.938	-15.082	-14.938	-14.568	-14.109	-13.693	-13.413
			15	-6.1	-6.865	-8.367	-9.144	-7.595	-5.667	-5.161	-7.109	-12.8	-32.93	-14.098	-8.484
			30	-7.602	-8.786	-9.454	-15.772	-9.029	-5.475	-8.381	-14.554	-14.527	-21.737	-14.961	-10.92
			45	-15.871	-18.686	-21.274	-18.466	-15.794	-12.514	-11.857	-8.671	-13.413	-23.553	-9.899	-5.74
			60	-12.202	-12.092	-14.376	-15.328	-7.445	-12.19	-14.661	-19.186	-16.067	-9.474	-9.189	-7.643
			75	-11.454	-21.263	-11.535	-12.651	-10.86	-12.205	-16.8	-16.866	-9.672	-12.491	-11.083	-8.361
			90	-13.4	-24.697	-43.247	-13.241	-11.62	-20.839	-22.696	-24.703	-23.215	-13.404	-11.921	-11.233
			105	-13.461	-13.204	-10.428	-18.467	-7.866	-21.334	-8.227	-18.199	-8.109	-8.499	-34.789	-16.521
			120	-15.047	-11.904	-10.503	-12.151	-6.856	-16.991	-11.385	-13.72	-13.126	-10.213	-17.568	-11.66
			135	-18.46	-14.344	-15.657	-22.651	-13.461	-12.508	-15.829	-21.245	-12.613	-9.226	-8.163	-4.538
			150	-11.066	-13.608	-21.419	-22.873	-15.961	-11.217	-10.498	-15.312	-16.726	-13.657	-15.355	-7.901
			165	-16.422	-30.982	-20.049	-15.02	-13.02	-11.785	-11.297	-12.151	-13.918	-17.329	-19.097	-14.065
			180	-12.599	-14.283	-15.646	-15.033	-13.889	-12.61	-11.031	-10.184	-10.039	-10.37	-10.997	-11.645
			195	-8.298	-7.429	-8.633	-10.597	-12.326	-13.342	-15.751	-16.573	-12.025	-9.037	-8.434	-10.018
			210	-4.609	-5.794	-10.427	-16.688	-28.499	-14.36	-11.752	-15.889	-15.575	-9.686	-7.635	-8.329
			225	-3.347	-5.192	-3.917	-3.386	-8.912	-15.062	-9.146	-14.822	-19.821	-10.887	-8.658	-12.517
			240	-16.918	-11.115	-7.037	-7.14	-9.71	-14.127	-16.334	-17.355	-24.778	-14.704	-9.754	-14.872
			255	-6.217	-9.221	-14.159	-8.853	-14.53	-23.263	-19.013	-17.493	-14.421	-20.335	-23.505	-12.409
			270	-10.21	-18.287	-8.681	-5.227	-8.329	-15.686	-19.284	-9.297	-6.844	-29.895	-11.969	-15.998
			285	-19.31	-18.686	-18.98	-12.894	-16.29	-22.31	-18.34	-7.58	-3.691	-6.947	-13.604	-8.35
			300	-3.21	-4.594	-7.789	-7.044	-13.35	-30.597	-12.642	-9.528	-7.832	-7.762	-15.378	-16.327
			315	-4.66	-4.767	-6.059	-9.101	-11.229	-13.106	-8.861	-4.771	-3.744	-3.071	-2.959	-6.555
			330	-7.005	-3.645	-2.724	-2.734	-3.471	-5.965	-12.458	-15.614	-10.013	-5.412	-3.206	-4.404
			345	-6.389	-5.515	-4.99	-4.836	-6.157	-7.216	-8.837	-11.383	-11.248	-8.087	-5.921	-5.214
			360	-13.314	-13.413	-13.693	-14.109	-14.568	-14.938	-15.082	-14.938	-14.568	-14.109	-13.693	-13.413

5G1-5500 MHZ

Polarization-V	Amplitude												
	0	-15.082	-14.938	-14.568	-14.109	-13.693	-13.413	-13.314	-13.413	-13.693	-14.109	-14.568	-14.938
	15	-6.267	-6.14	-7.205	-7.283	-7.286	-10.489	-15.611	-15.289	-12.469	-8.339	-5.145	-4.788
	30	-5.864	-7.294	-8.843	-12.362	-14.961	-15.012	-13.246	-14.142	-15.097	-6.523	-2.929	-3.322
	45	-5.938	-7.341	-5.931	-4.445	-5.812	-8.926	-15.521	-7.004	-4.364	-5.041	-1.227	0.989
	60	-2.22	-3.878	-11.156	-17.538	-22.037	-10.487	-6.295	-7.661	-5.157	-3.692	-2.565	-5.489
	75	-2.039	-3.386	-4.064	-2.908	-6.634	-7.082	-6.032	-4.423	-1.997	-1.524	-4.09	-1.531
	90	-2.589	-1.911	-3.89	-0.729	-2.322	-6.353	-0.761	-14.376	-7.588	-1.931	0.876	-1.586
	105	-4.474	-5.833	-4.624	-3.888	-3.266	-7.003	-2.5	-2.372	-1.886	-3.578	-7.093	-5.151
	120	-4.147	-7.761	-12.172	-9.635	-11.079	-8.862	-12.133	-11.742	-8.921	-4.761	-3.144	-3.558
	135	-6.193	-8.108	-9.857	-10.281	-11.999	-7.683	-4.206	-2.476	-2.056	-3.451	-5.753	-6.683
	150	-8.375	-7.201	-5.699	-5.465	-5.395	-4.732	-4.122	-2.788	-1.343	-1.077	-1.937	-2.716
	165	-8.665	-7.427	-7.311	-7.547	-8.142	-8.689	-9.206	-9.738	-10.706	-12.184	-13.925	-14.026
	180	-10.092	-9.824	-9.708	-9.92	-10.601	-11.844	-13.898	-16.045	-15.974	-14.46	-12.544	-10.957
	195	-10.872	-8.042	-6.242	-5.802	-5.83	-5.441	-4.654	-4.499	-5.481	-7.796	-11.188	-11.756
	210	-1.41	0.237	0.391	-1.587	-5.886	-6.998	-4.009	-2.561	-2.482	-3.594	-5.722	-8.137
	225	-1.98	1.205	2.461	1.571	-2.434	-5.472	-3.39	-3.836	-5.247	-5.5	-6.581	-6.424
	240	-7.468	-8.088	0.708	2.799	0.958	0.286	0.976	-0.374	-2.951	-3.594	-2.54	-3.568
	255	-1.255	2.251	2.312	0.052	0.819	2.02	1.893	1.093	1.559	2.351	2.037	1.065
	270	-6.138	-9.525	1.366	1.211	-2.075	2.676	4.317	1.621	0.645	1.827	1.471	-0.418
	285	0.58	0.662	2.448	4.698	4.928	1.949	1.689	1.442	-2.398	-1.912	1.797	1.663
	300	-13.766	-8.12	-1.61	-0.976	1.419	3.417	2.21	0.195	-1.747	-4.437	-3.802	-2.609
	315	-0.139	-4.691	-9.91	-6.575	-11.586	-8.21	-2.976	-3.631	-8.551	-28.424	-11.511	-7.689
	330	-6.058	-7.307	-6.886	-5.137	-5.797	-9.729	-18.408	-21.447	-14.577	-8.324	-5.562	-5.204
	345	-5.367	-7.531	-10.646	-11.393	-13.051	-16.704	-21.272	-28.015	-28.099	-18.599	-12.489	-7.681
	360	-15.082	-14.938	-14.568	-14.109	-13.693	-13.413	-13.314	-13.413	-13.693	-14.109	-14.568	-14.938

5G1-5500 MHZ

Polarization-Total	Amplitude	0	-10.498	-10.498	-10.498	-10.498	-10.498	-10.498	-10.498	-10.498	-10.498	-10.498	-10.498	-10.498
		15	-2.572	-2.877	-4.137	-4.504	-3.828	-3.83	-4.186	-5.894	-9.021	-7.724	-4.025	-2.644
		30	-3.037	-4.366	-5.527	-10.13	-7.442	-4.417	-6.555	-10.733	-11.192	-5.794	-2.065	-2.025
		45	-4.918	-6.433	-5.206	-3.676	-4.796	-6.749	-9.703	-4.148	-3.254	-4.38	-0.074	2.425
		60	-1.205	-2.668	-8.864	-12.684	-6.697	-7.645	-5.105	-6.766	-4.218	-2.074	-1.11	-2.823
		75	-0.968	-2.716	-2.749	-1.87	-4.642	-5.318	-5.082	-3.582	-0.712	-0.589	-2.698	-0.112
		90	-1.643	-1.288	-3.289	0.108	-1.24	-5.601	-0.134	-13.39	-6.87	-1.032	1.698	-0.538
		105	-3.358	-4.502	-3.011	-3.139	-1.373	-6.246	-0.871	-1.66	-0.356	-1.765	-6.486	-4.245
		120	-3.208	-5.746	-7.647	-7.103	-4.863	-7.64	-8.132	-9.009	-6.923	-3.072	-2.39	-2.333
		135	-5.342	-6.581	-8.243	-9.436	-9.058	-5.847	-3.317	-1.819	-1.089	-1.832	-3.182	-1.869
		150	-5.905	-5.707	-4.984	-4.787	-4.43	-3.252	-2.622	-1.951	-0.619	-0.244	-1.143	-0.967
		165	-7.392	-6.808	-6.486	-6.232	-6.319	-6.356	-6.517	-7.169	-8.411	-10.425	-12.172	-10.435
		180	-7.557	-7.894	-8.122	-8.153	-8.331	-8.6	-8.622	-8.582	-8.452	-8.34	-8.092	-7.677
		195	-5.787	-4.114	-3.664	-3.959	-4.352	-4.189	-3.729	-3.637	-4.011	-4.762	-5.986	-7.19
		210	0.889	1.804	1.337	-0.855	-5.262	-5.666	-2.734	-1.764	-1.674	-2.039	-2.964	-4.622
		225	1	2.701	3.961	3.375	-0.953	-4.419	-1.767	-2.903	-4.498	-3.796	-3.886	-4.87
		240	-6.402	-5.732	1.983	3.819	1.915	1.041	1.655	0.312	-2.323	-2.67	-1.185	-2.657
		255	0.547	3.15	3.009	1.178	1.544	2.633	2.528	1.753	2.267	2.974	2.649	1.856
		270	-4.103	-8.383	2.376	2.7	-0.551	3.339	4.936	2.559	1.958	2.43	2.263	0.301
		285	1.224	1.312	3.079	5.373	5.56	2.565	2.332	2.554	0.613	-0.127	2.521	2.676
		300	-2.243	-2.398	-0.073	0.584	2.161	4.019	2.95	1.235	-0.191	-2.178	-2.91	-1.828
		315	1.775	-1.118	-3.961	-4.047	-7.794	-6.392	-1.38	-0.553	-1.903	-2.458	-1.792	-3.475
		330	-2.896	-1.491	-0.714	-0.161	-0.87	-3.841	-10.875	-14.007	-8.111	-3.018	-0.616	-1.175
		345	-2.237	-2.797	-3.346	-3.369	-4.749	-6.153	-7.996	-10.69	-10.559	-7.117	-4.456	-2.664
		360	-10.498	-10.498	-10.498	-10.498	-10.498	-10.498	-10.498	-10.498	-10.498	-10.498	-10.498	-10.498