FCC Composite Gain Test Report

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Basic Information

EUT Description：	BE68		
Brand Name：	tp-link		
Model Name：	BE68		
Tested By：	Zhao Han Zhao Han	Date：	2024/12/19

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1 Operation Mode and Antenna Information

1.1 EUT Operation Mode

The BE68 is the Tri-band wireless router of 8 internal antennas, 2 were 2.4G & 5G Dual-Band antennas,2 were 5G antennas(only one is active at a time) ,3 were 6G antennas,1 were Bluetooth antennas,.

1.2 Antenna Information

The Antennas are internal , the Locations of Antennas are shown below:

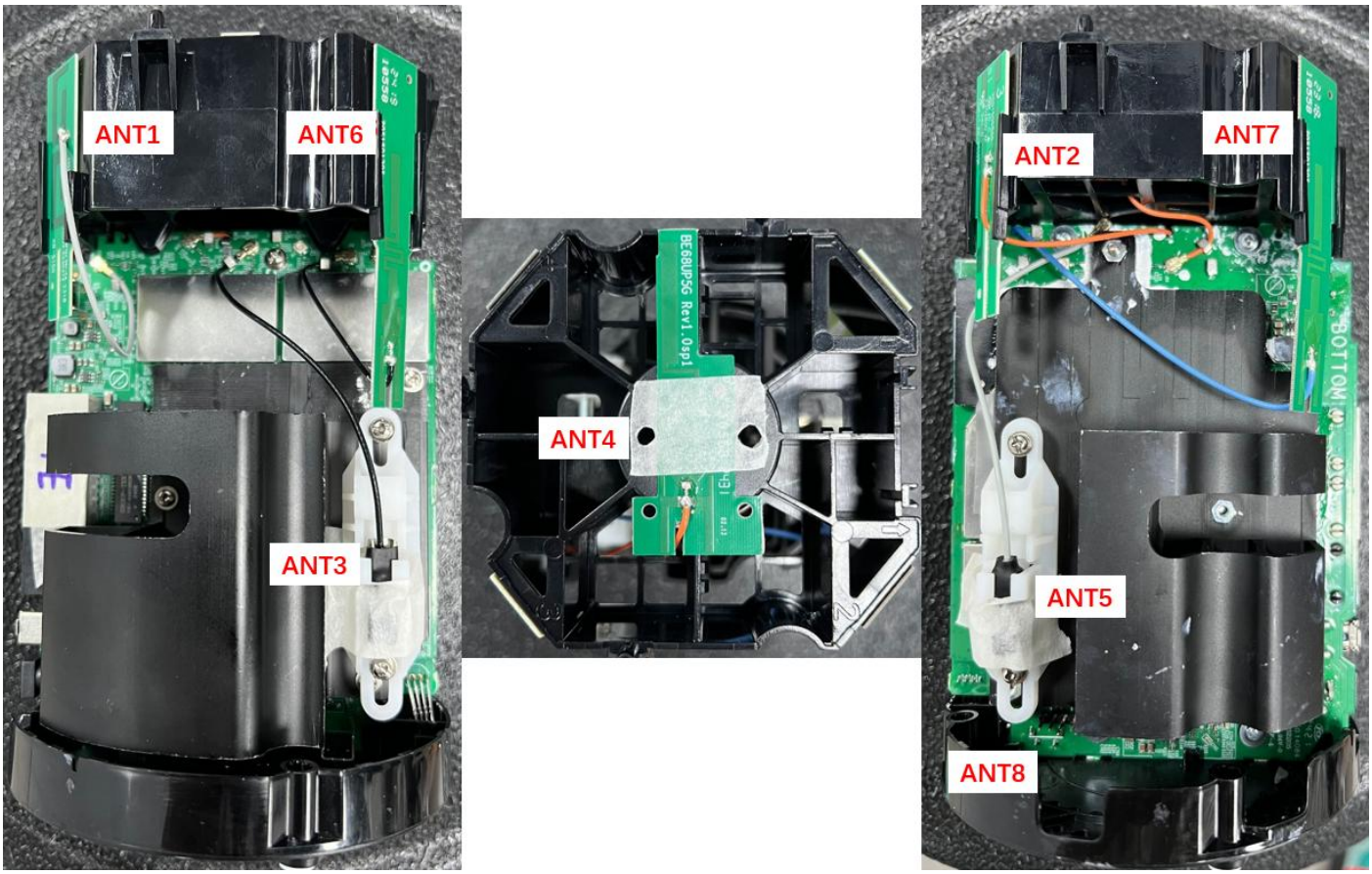


Figure 1- 1 Locations of Antennas

The Antenna Information was shown below:

Table 1- 1 Antenna Information

Antenna Position	Antenna Type	Connector	Mode of operation
Ant1	Dipole	ipex	2.4G&5G
Ant2	Dipole	ipex	2.4G&5G
Ant3	Dipole	ipex	5G
Ant4	Dipole	ipex	5G
Ant5	Dipole	ipex	6G

Ant6	Dipole	ipex	6G
Ant7	Dipole	ipex	6G
Ant8	Dipole	ipex	Bluetooth

1.3 Test Frequency

The Listed frequency of each bands are selected to represent each frequency bands.

Table 1- 2 Test Frequency

Frequency Band(MHz)	Test Frequency(MHz)
2400-2483.5	2450
5150-5250	5200
5250-5350	5300
5470-5725	5600
5725-5850	5800
5925-6425	6175
6425-6525	6475
6525-6875	6725
6875-7125	7025

2 Test System

2.1 Test Equipment

Table 2- 1Test System

Equipment	Model	Manufacturer	S/N	Cali. Interval	Cali. Due Date
Chamber	Rayzone2800	GTS	MY53470435	12months	2025/04/15
Vector Network Analyzer	E5071C	Keysight	MY46315238	24months	2026/05/27

2.2 Test Software

Table 2- 2 Test Software

Software	Version	Function
GTS MaxSign100	V2.1	Passive Antenna Measurements

3 Test Summary

3.1 Measurement Environment

This measurement experiment adopted an antenna near-field measurement system, and the diagram of the measurement system was shown in Figure 3-1. The excitation signal was generated by the Keysight E5071C (300kHz-20GHz). Under the control of the central computer, the probe rotated in the θ direction, and the EUT rotated in the φ direction with the turntable. The probe sampling frame received and collected signals in the near-field range of the EUT. The software system which was controlled by the central computer completed the processing, output and display of the test data.

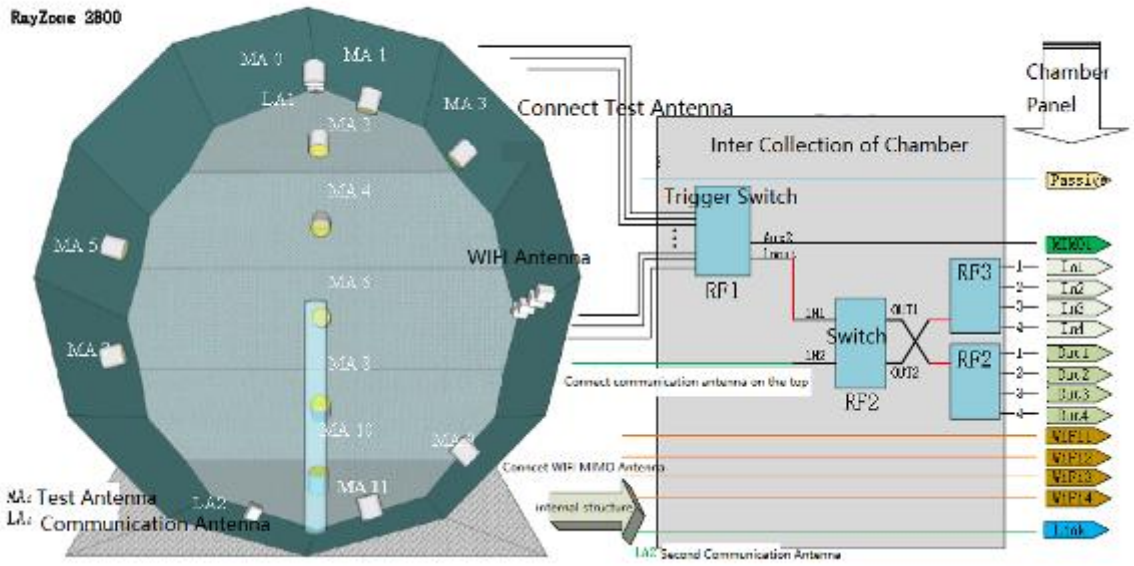


Figure 3- 1 Schematic diagram of antenna near-field measurement system

The test site was a full anechoic chamber with a size of 3.0m×3.1m×2.97m, which was built by GTS Rayzone2800. All six surfaces of the anechoic chamber were pasted with absorbing materials. And the chamber was calibrated by the authoritative third-party lab every year. The antenna anechoic chamber measurement system adopted a 13-probe multi-probe system. The probe antennas were evenly distributed on the spherical surface surrounding the EUT, and theirs operating frequency was 600MHz~8.5GHz.

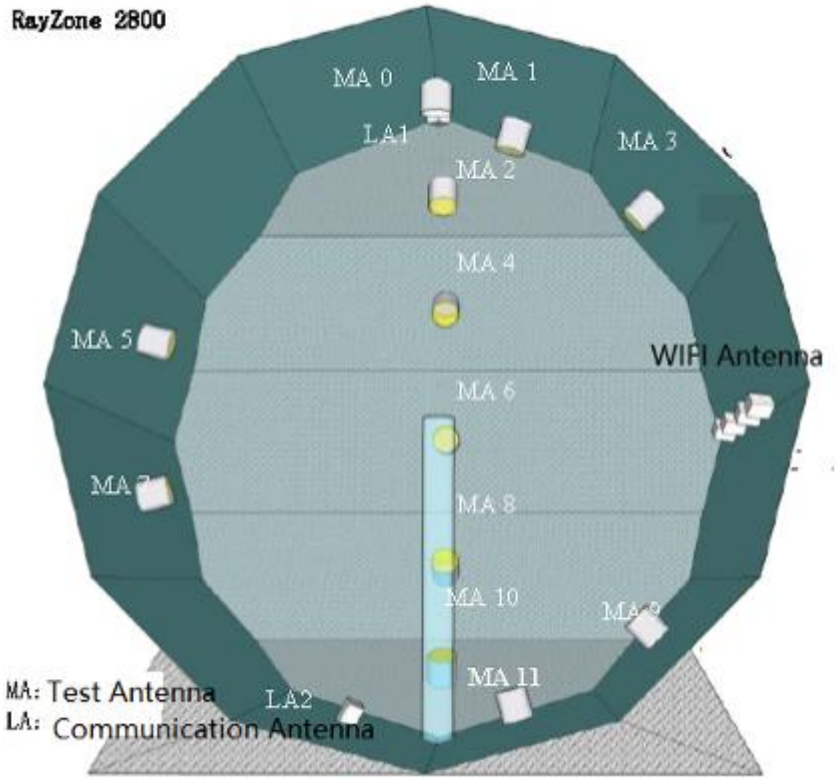


Figure 3- 2 Antenna anechoic chamber for near-field measurement

During the measurement, the probe antennas were rotated in the θ direction under the control of the probe holder to sample the near-field data at the θ angle. At the same time, the EUT rotated with the turntable in the φ direction to sample the near field data at the φ angle. The system diagram was shown in Figure 3-3. From the sampling results, the EUT's near-field test data of θ component, φ component and total component could be obtained.

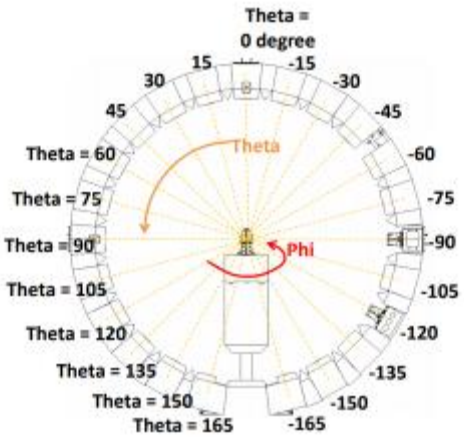


Figure 3- 3 System diagram

Before the measurement, calibrated the vector network analyzer, and then connected the input end of each antenna to the output end of the vector network analyzer, and evenly the antennas to be measured. The Calibration information was shown in table 2-1.

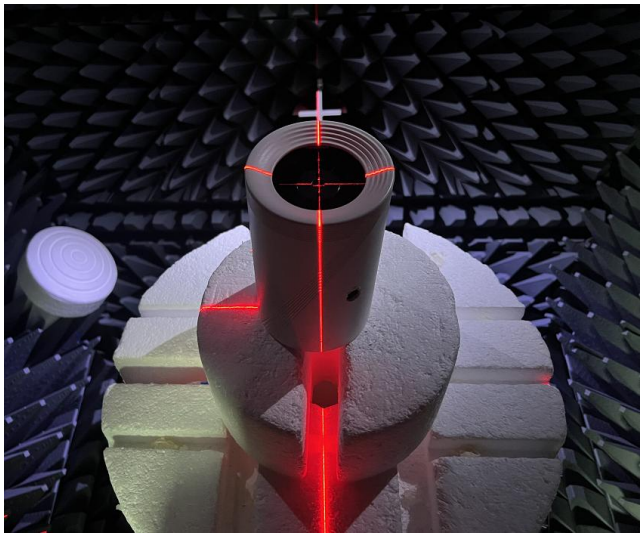


Figure 3- 4 Antennas measurement diagram

Table 3- 1 Calibration information

Measurement Class	Standard
Cal Type	2p/1-2
Cal Kit	N4691B

3.2 Measurement Quantity

In this measurement experiment, the Directional Gain was measured at a certain frequency interval within the whole frequency range. The measurement frequency interval of the 2.4G antennas was 10MHz, while the 5G and 6G antennas was 50MHz.

3.3 Test Method

During the measurement, the probe antennas were rotated in the θ direction under the control of the probe holder to sample the near-field data at the θ angle. At the same time, the EUT rotated with the turntable in the φ direction to sample the near field data at the φ angle. The sampling accuracy was 15°. The system diagram was shown in Figure 2-6. From the sampling results, the EUT's near-field test data of θ component, φ component and total component could be obtained.

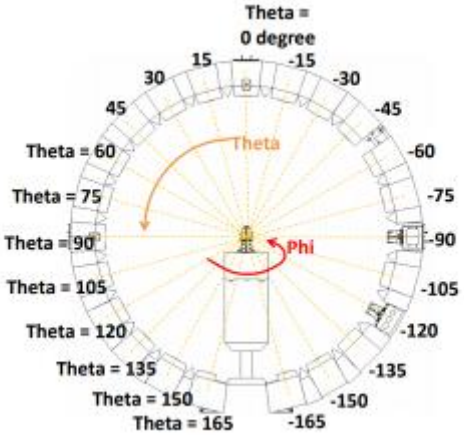


Figure 3- 5 Test angle

3.4 Directional Gain Calculations

Multiple antennas system, each of which has one of two (or three) polarizations that are orthogonal to one another (i.e., cross polarized), The total gain—including array gain—is computed separately for each of the two (or three) polarizations using the procedures presented in this document. The highest of the total gains shall apply.

Theoretical Directional Gain represented the theoretical value calculated by formula 2-1. As we all know, the effect of array gain must be included in the calculation of overall directional antenna gain for devices that transmit on multiple outputs simultaneously in the same band, in the same or in overlapping frequency ranges. Therefore, in formula 2-1, the directional gain calculation needs to include all directions and all Frequencies and all Polarizations, and then take the maximum value as the final directional gain value. Therefore, the calculation formula of theoretical directional gain value can be modified as formula 2-2

$$\text{Directional Gain} = 10\log\left[\frac{\sum_{j=1}^{Nss}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right] \quad (2\text{-}1)$$

Where

Nss = the number of independent spatial streams of data; NSS =1.

Nant = the total number of antennas: NANT =4 for 2.4G & 5G antennas

$g_{j,k} = 10^{G_k/20}$ if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna .

$$\text{Directional Gain} = \text{Maximum}\left[10\log\left[\frac{\sum_{j=1}^{Nss}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]\right] \quad (2\text{-}2)$$

Maximum function is the max directional gain overall directions and all frequency all polarizations.

3.5 Test Procedure

The calculation method of DG (Directional Gain) in this scheme is summarized as follows:

1) The antenna anechoic chamber is used to measure the gain of each antenna, the gain of each antenna at this angle is taken every 15° to calculate the Directional Gain;
2) Use formula below to calculate and the Directional Gain of the system at this angle is obtained

$$\text{Directional Gain} = 10\log\left[\frac{\sum_{j=1}^{Nss}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right] \quad (2\text{-}3)$$

3) For each frequency point, the Directional Gain value under 24 different angles can be obtained, and finally the maximum value is taken as the system Directional Gain value.

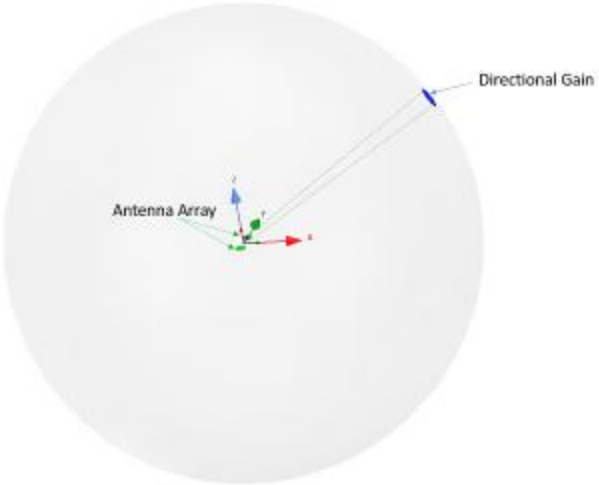


Figure 3- 6 Directional Gain Calculation Sketch Map

4 Measured Value and Maximum Gain Positions

4.1 Antenna Number

The Antennas number for measured in the following section was shown below:

Table 4- 1 Antennas number

Antenna Number	Antenna Position		
	2G	5G	6G
Ant1	Ant1	Ant1	Ant5
Ant2	Ant2	Ant2	Ant6
Ant3		Ant3	Ant7
Ant4		Ant4	

4.2 2G

4.2.1 DG_1SS Max Value Position

Table 4- 2 DG_1SS Max Value Position

Frequency(GHz)	2.45
Ant1(dBi)	0.56
Ant2(dBi)	4.60
Polarization	Theta
Φ (°)	105
θ (°)	75

4.2.2 DG_1SS Max Value Position Calculation

Table 4- 3 DG_1SS Max Value Position Calculation

Frequency(GHz)	2.45
Ant1[10^(G/20)]	10^(0.56/20)
Ant2[10^(G/20)]	10^(4.60/20)
Ant1[10^(G/20)] value	1.067
Ant2[10^(G/20)] value	1.698
Sum of Ants Value(Antmax)	2.765
DG[10*Log(Antmax^2/Nant)] (dBi)	5.82

4.2.3 DG_2SS Max Value Position

Table 4- 4 DG_2SS Max Value Position

Frequency(GHz)	2.45
Ant1(dBi)	0.56
Ant2(dBi)	4.60
Polarization	Theta
Φ (°)	105
θ (°)	75

4.2.4 DG_2SS Max Value Position Calculation

Table 4- 5 DG_2SS Max Value Position Calculation

Frequency(GHz)	2.45
Ant1[10^(G/10)]	10^(0.56/10)
Ant2[10^(G/10)]	10^(4.60/10)
Ant1[10^(G/10)] value	1.138
Ant2[10^(G/10)] value	2.884
Sum of Ants Value(Antmax)	4.022
DG[10*Log(Antmax/Nant)] (dBi)	3.03

4.3 5G(Ant1+ Ant2+ Ant3)

4.3.1 DG_1SS Max Value Position

Table 4- 6 DG_1SS Max Value Position

Frequency(GHz)	5.20	5.30	5.60	5.80
Ant1(dBi)	1.93	-1.28	0.35	-0.19
Ant2(dBi)	-5.42	0.5	-2.63	-4.98
Ant3(dBi)	5.25	5.53	4.8	4.92
Polarization	Theta	Theta	Theta	Theta
Φ (°)	330	345	345	345
θ (°)	90	75	90	90

4.3.2 DG_1SS Max Value Position Calculation

Table 4- 7 DG_1SS Max Value Position Calculation

Frequency(GHz)	5.20	5.30	5.60	5.80
Ant1[10^(G/20)]	10^(1.93/20)	10^(-1.28/20)	10^(0.35/20)	10^(-0.19/20)
Ant2[10^(G/20)]	10^(-5.42/20)	10^(0.5/20)	10^(-2.63/20)	10^(-4.98/20)
Ant3[10^(G/20)]	10^(5.25/20)	10^(5.53/20)	10^(4.8/20)	10^(4.92/20)

Ant1[10^(G/20)] value	1.249	0.863	1.041	0.978
Ant2[10^(G/20)] value	0.536	1.059	0.739	0.564
Ant3[10^(G/20)] value	1.830	1.890	1.738	1.762
Sum of Ants Value(Antmax)	3.615	3.812	3.518	3.304
DG[10*Log(Antmax^2/Nant)] (dBi)	6.39	6.85	6.15	5.61

4.3.3 DG_3SS Max Value Position

Table 4- 8 DG_3SS Max Value Position

Frequency(GHz)	5.20	5.30	5.60	5.80
Ant1(dBi)	1.93	-1.28	0.35	-0.19
Ant2(dBi)	-5.42	0.5	-2.63	-4.98
Ant3(dBi)	5.25	5.53	4.8	4.92
Polarization	Theta	Theta	Theta	Theta
Φ (°)	330	330	345	345
θ (°)	90	75	75	90

4.3.4 DG_3SS Max Value Position Calculation

Table 4- 9 DG_3SS Max Value Position Calculation

Frequency(GHz)	5.20	5.30	5.60	5.80
Ant1[10^(G/10)]	10^(1.93/10)	10^(-1.28/10)	10^(0.35/10)	10^(-0.19/10)
Ant2[10^(G/10)]	10^(-5.42/10)	10^(0.5/10)	10^(-2.63/10)	10^(-4.98/10)
Ant3[10^(G/10)]	10^(5.25/10)	10^5.53/10)	10^(4.8/10)	10^(4.92/10)
Ant1[10^(G/10)] value	1.560	0.745	1.084	0.957
Ant2[10^(G/10)] value	0.287	1.122	0.546	0.318
Ant3[10^(G/10)] value	3.350	3.573	3.020	3.105
Sum of Ants Value(Antmax)	5.196	5.439	4.650	4.379
DG[10*Log(Antmax/Nant)] (dBi)	2.39	2.58	1.90	1.64

4.4 5G(Ant1+ Ant2+ Ant4)

4.4.1 DG_1SS Max Value Position

Table 4- 10 DG_1SS Max Value Position

Frequency(GHz)	5.20	5.30	5.60	5.80
Ant1(dBi)	0.41	-0.78	0.35	1.82
Ant2(dBi)	-0.18	1.11	-2.63	3.06
Ant4(dBi)	4.38	2.95	3.15	-6.81
Polarization	Phi	Phi	Phi	Phi

Φ (°)	15	15	345	150
θ (°)	75	75	90	75

4.4.2 DG_1SS Max Value Position Calculation

Table 4- 11 DG_1SS Max Value Position Calculation

Frequency(GHz)	5.20	5.30	5.60	5.80
Ant1[10^(G/20)]	10^(0.41/20)	10^(-0.78/20)	10^(0.35/20)	10^(1.82/20)
Ant2[10^(G/20)]	10^(-0.18/20)	10^(1.11/20)	10^(-2.63/20)	10^(3.06/20)
Ant4[10^(G/20)]	10^(4.38/20)	10^(2.95/20)	10^(3.15/20)	10^(-6.81/20)
Ant1[10^(G/20)] value	1.048	0.914	1.041	1.233
Ant2[10^(G/20)] value	0.979	1.136	0.739	1.422
Ant4[10^(G/20)] value	1.656	1.404	1.437	0.457
Sum of Ants Value(Antmax)	3.684	3.455	3.217	3.112
DG[10*Log(Antmax^2/Nant)] (dBi)	6.55	6.00	5.38	5.09

4.4.3 DG_3SS Max Value Position

Table 4- 12 DG_3SS Max Value Position

Frequency(GHz)	5.20	5.30	5.60	5.80
Ant1(dBi)	0.41	-0.78	-9.42	-10.53
Ant2(dBi)	-0.18	1.11	-5.74	-3.69
Ant4(dBi)	4.38	2.95	5.94	5.77
Polarization	Phi	Phi	Phi	Phi
Φ (°)	15	15	345	345
θ (°)	75	75	45	45

4.4.4 DG_3SS Max Value Position Calculation

Table 4- 13 DG_3SS Max Value Position Calculation

Frequency(GHz)	5.20	5.30	5.60	5.80
Ant1[10^(G/10)]	10^(0.41/10)	10^(-0.78/10)	10^(-9.42/10)	10^(-10.53/10)
Ant2[10^(G/10)]	10^(-0.18/10)	10^(1.11/10)	10^(-5.74/10)	10^(-3.69/10)
Ant4[10^(G/10)]	10^(4.38/10)	10^(2.95/10)	10^(5.94/10)	10^(5.77/10)
Ant1[10^(G/10)] value	1.099	0.836	0.114	0.089
Ant2[10^(G/10)] value	0.959	1.291	0.267	0.428
Ant4[10^(G/10)] value	2.742	1.972	3.926	3.776
Sum of Ants Value(Antmax)	4.800	4.099	4.307	4.292
DG[10*Log(Antmax/Nant)] (dBi)	2.04	1.36	1.57	1.56

4.5 6G

4.5.1 DG_1SS Max Value Position

Table 4- 14 DG_1SS Max Value Position

Frequency(GHz)	6.175	6.475	6.725	7.025
Ant5(dBi)	6.28	5.52	7.29	6.66
Ant6(dBi)	1.4	-1.23	-0.28	1.25
Ant7(dBi)	6.51	4.21	7.43	4.79
Polarization	Theta	Theta	Theta	Theta
Φ (°)	45	45	45	30
θ (°)	75	75	90	90

4.5.2 DG_1SS Max Value Position Calculation

Table 4- 15 DG_1SS Max Value Position Calculation

Frequency(GHz)	6.175	6.475	6.725	7.025
Ant5[10^(G/20)]	10^(6.28/20)	10^(5.52/20)	10^(7.29/20)	10^(6.66/20)
Ant6[10^(G/20)]	10^(1.4/20)	10^(-1.23/20)	10^(-0.28/20)	10^(1.25/20)
Ant7[10^(G/20)]	10^(6.51/20)	10^(4.21/20)	10^(7.43/20)	10^(4.79/20)
Ant5[10^(G/20)] value	2.061	1.888	2.315	2.153
Ant6[10^(G/20)] value	1.175	0.868	0.968	1.155
Ant7 [10^(G/20)] value	2.116	1.624	2.352	1.736
Sum of Ants Value(Antmax)	5.351	4.380	5.635	5.043
DG[10*Log(Antmax^2/Nant)] (dBi)	9.80	8.06	10.25	9.28

4.5.3 DG_3SS Max Value Position

Table 4- 16 DG_3SS Max Value Position

Frequency(GHz)	6.175	6.475	6.725	7.025
Ant5(dBi)	6.28	5.52	7.29	7.47
Ant6(dBi)	1.4	-1.23	-0.28	-2.35
Ant7(dBi)	6.51	4.21	7.43	4.97
Polarization	Theta	Theta	Theta	Theta
Φ (°)	45	45	45	45
θ (°)	75	75	90	75

4.5.4 DG_3SS Max Value Position Calculation

Table 4- 17 DG_3SS Max Value Position Calculation

Frequency(GHz)	6.175	6.475	6.725	7.025

Ant5[10^(G/10)]	10^(6.28/10)	10^(5.52/10)	10^(7.29/10)	10^(7.47/10)
Ant6[10^(G/10)]	10^(1.4/10)	10^(-1.23/10)	10^(-0.28/10)	10^(-2.35/10)
Ant7[10^(G/10)]	10^(6.51/10)	10^(4.21/10)	10^(7.43/10)	10^(4.97/10)
Ant5[10^(G/10)] value	4.246	3.565	5.358	5.585
Ant6[10^(G/10)] value	1.380	0.753	0.938	0.582
Ant7[10^(G/10)] value	4.477	2.636	5.534	3.141
Sum of Ants Value(Antmax)	10.104	6.954	11.829	9.307
DG[10*Log(Antmax/Nant)] (dBi)	5.27	3.65	5.96	4.92

5 Test and Calculate Result

5.1 Antenna Test Result

Table 5- 1 Antenna Test Result

Frequency(GHz)	2.45	5.20	5.30	5.60	5.80	6.175	6.475	6.725	7.025
Ant1 MaxGain(dBi)	3.84	2.89	2.03	2.57	2.33				
Ant2 MaxGain(dBi)	4.60	2.07	2.69	2.82	3.06				
Ant3 MaxGain(dBi)		5.25	5.74	4.84	4.92				
Ant4 MaxGain(dBi)		5.86	4.3	5.94	5.77				
Ant5 MaxGain(dBi)						7.01	5.62	8.21	7.47
Ant6 MaxGain(dBi)						7.28	4.75	7.33	6.23
Ant7 MaxGain(dBi)						6.51	5.13	7.43	5.78
Ant1 Polarization/ Φ (°) / θ (°)	Theta/ 180/90	Theta/ 165/90	Theta/ 165/90	Theta/ 150/90	Theta/ 150/90				
Ant2 Polarization/ Φ (°) / θ (°)	Theta/ 105/75	Theta/ 150/60	Theta/ 150/60	Theta/ 150/75	Theta/ 150/75				
Ant3 Polarization/ Φ (°) / θ (°)		Theta/ 330/90	Theta/ 330/75	Theta/ 345/75	Theta/ 345/90				
Ant4 Polarization/ Φ (°) / θ (°)		Phi/ 0/30	Phi/ 0/30	Phi/ 345/45	Phi/ 345/45				
Ant5 Polarization/ Φ (°) / θ (°)						Theta/ 30/105	Theta/ 30/105	Theta/ 45/75	Theta/ 45/75
Ant6 Polarization/ Φ (°) / θ (°)						Theta/ 270/90	Theta/ 270/90	Theta/ 270/75	Theta/ 270/90
Ant7 Polarization/ Φ (°) / θ (°)						Theta/ 45/75	Theta/ 150/90	Theta/ 45/90	Theta/ 45/90
Max Gain(dBi)	4.60	5.86	5.74	5.94	5.77	7.28	5.62	8.21	7.47

5.2 Directional Gain Calculate Result

Table 5- 2Test & Calculate Result

Frequency Band(MHz)	Max Antenna Gain	Max Composite Gain	NSS	Polarization/Φ (°) / θ (°)
2400-2483.5(2450)	4.6	5.82	1	Theta/105/75
5150-5250(5200) (Ant1+ Ant2+ Ant3)	5.25	6.39	1	Theta/330/90
5250-5350(5300) (Ant1+ Ant2+ Ant3)	5.74	6.85	1	Theta/345/75
5470-5725(5600) (Ant1+ Ant2+ Ant3)	4.84	6.15	1	Theta/345/90
5725-5850(5800) (Ant1+ Ant2+ Ant3)	4.92	5.61	1	Theta/345/90
5150-5250(5200) (Ant1+ Ant2+ Ant4)	5.86	6.55	1	Phi/15/75
5250-5350(5300) (Ant1+ Ant2+ Ant4)	4.3	6	1	Phi/15/75
5470-5725(5600) (Ant1+ Ant2+ Ant4)	5.94	5.38	1	Phi/345/90
5725-5850(5800) (Ant1+ Ant2+ Ant4)	5.77	5.09	1	Phi/150/75
5925-6425(6175)	7.28	9.8	1	Theta/45/75
6425-6525(6475)	5.62	8.06	1	Theta/45/75
6525-6875(6725)	8.21	10.25	1	Theta/45/90
6875-7125(7025)	7.47	9.28	1	Theta/30/90

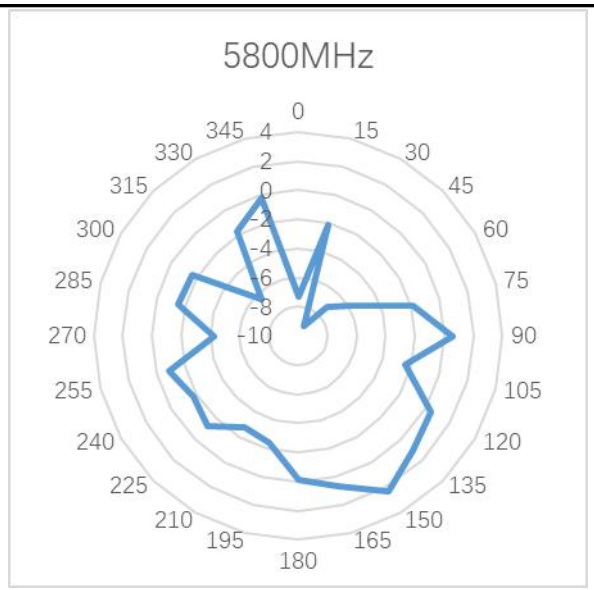
Table 5- 3Test & Calculate Result

Frequency Band(MHz)	Max Antenna Gain	Max Directional Gain	NSS	Polarization/Φ (°) / θ (°)
2400-2483.5(2450)	4.6	3.03	2	Theta/105/75
5150-5250(5200) (Ant1+ Ant2+ Ant3)	5.25	2.39	3	Theta/330/90
5250-5350(5300) (Ant1+ Ant2+ Ant3)	5.74	2.58	3	Theta/330/75
5470-5725(5600) (Ant1+ Ant2+ Ant3)	4.84	1.9	3	Theta/345/75
5725-5850(5800) (Ant1+ Ant2+ Ant3)	4.92	1.64	3	Theta/345/90
5150-5250(5200) (Ant1+ Ant2+ Ant4)	5.86	2.04	3	Phi/15/75

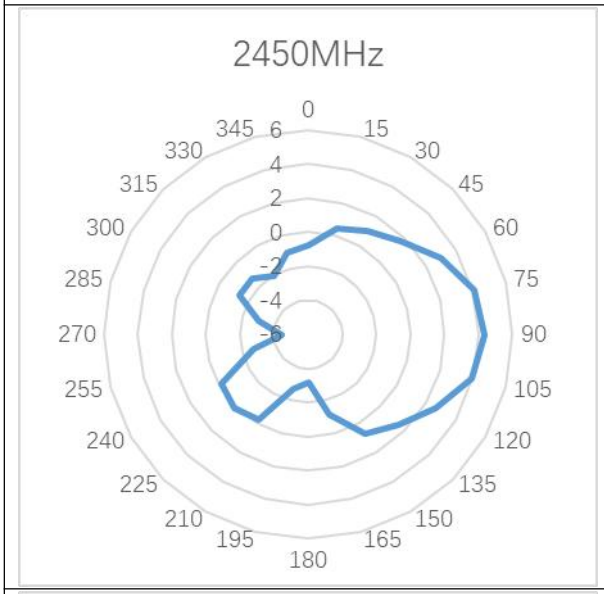
5250-5350(5300) (Ant1+ Ant2+ Ant4)	4.3	1.36	3	Phi/15/75
5470-5725(5600) (Ant1+ Ant2+ Ant4)	5.94	1.57	3	Phi/345/45
5725-5850(5800) (Ant1+ Ant2+ Ant4)	5.77	1.56	3	Phi/345/45
5925-6425(6175)	7.28	5.27	3	Theta/45/75
6425-6525(6475)	5.62	3.65	3	Theta/45/75
6525-6875(6725)	8.21	5.96	3	Theta/45/90
6875-7125(7025)	7.47	4.92	3	Theta/45/75

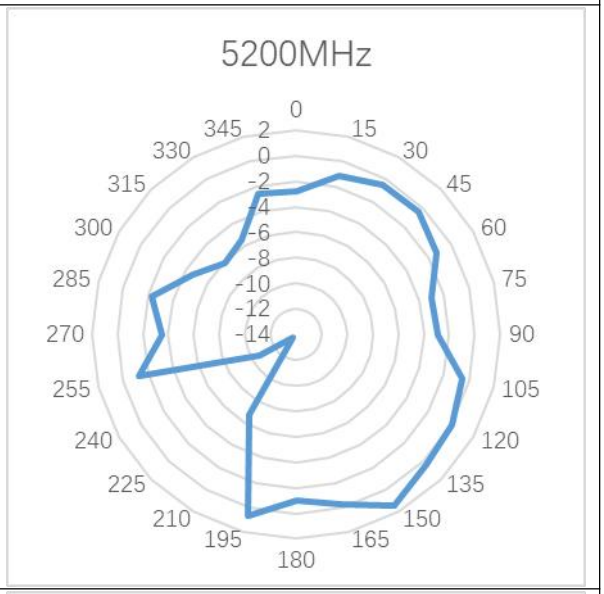
6 Test Pattern

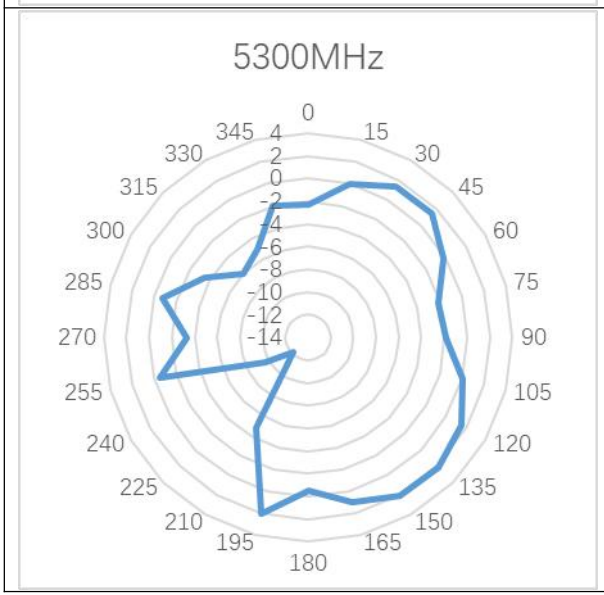
6.1 Antenna Pattern

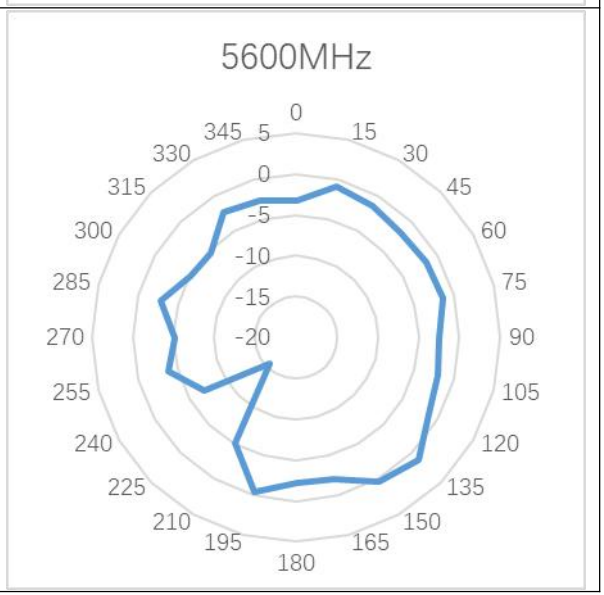


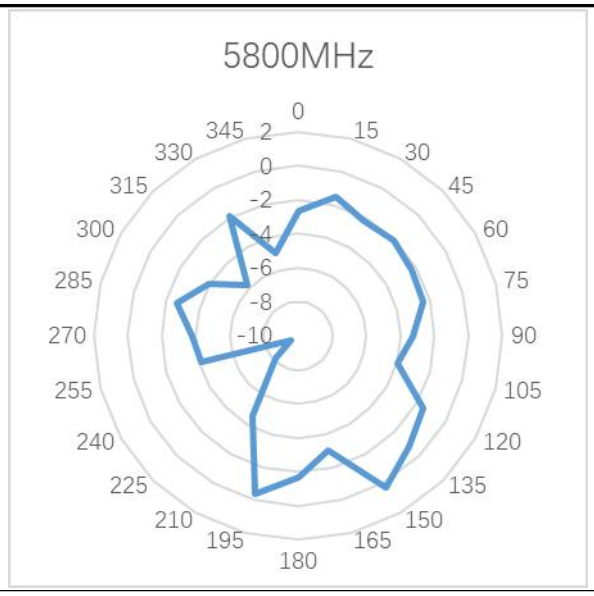
Ant2



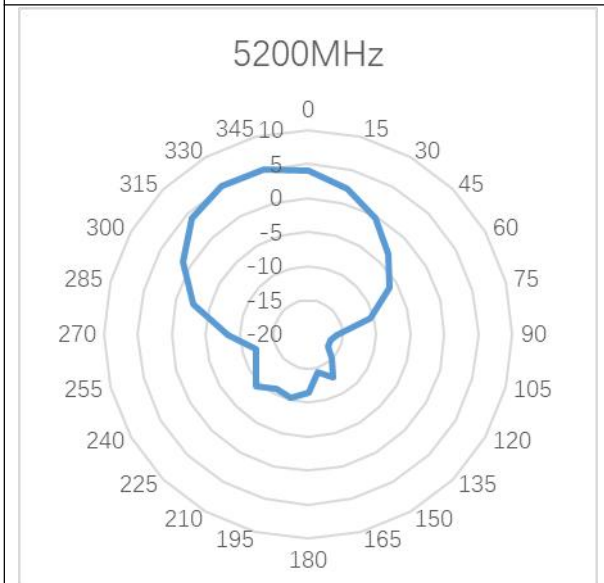


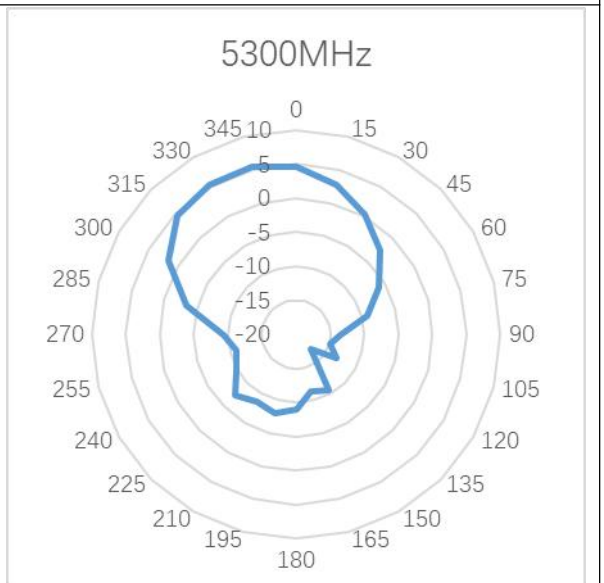


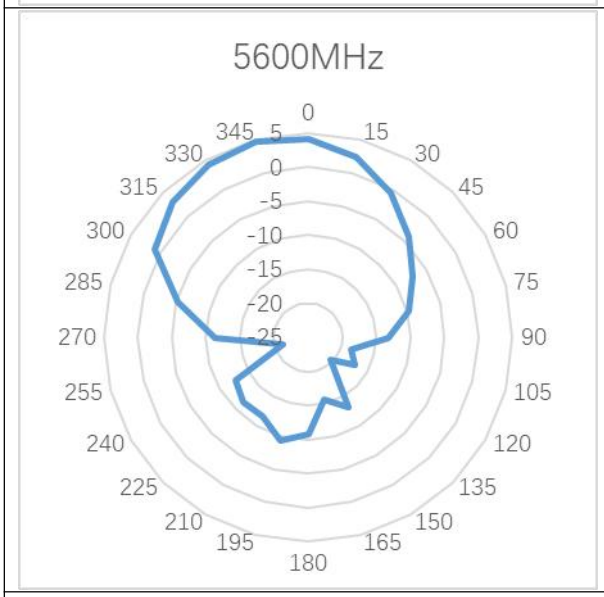


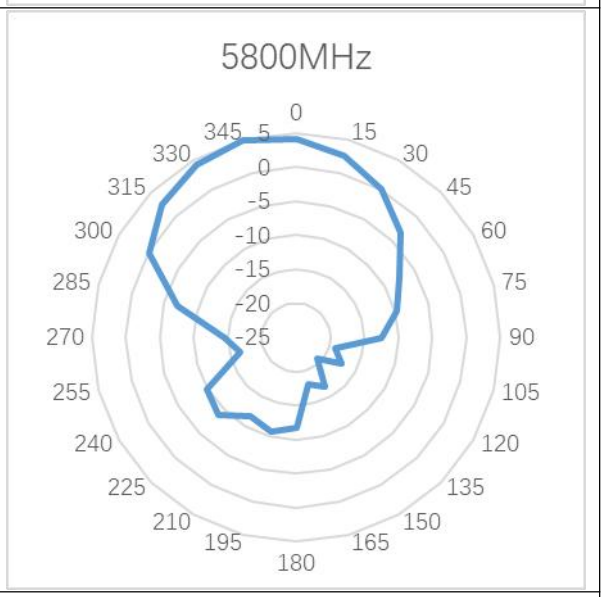


Ant3

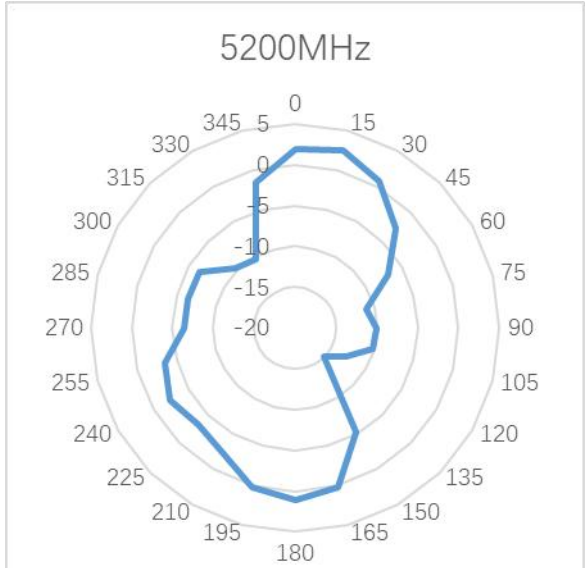


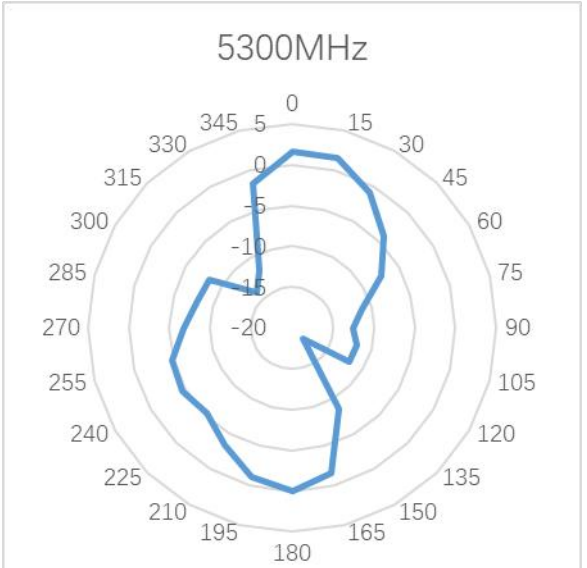


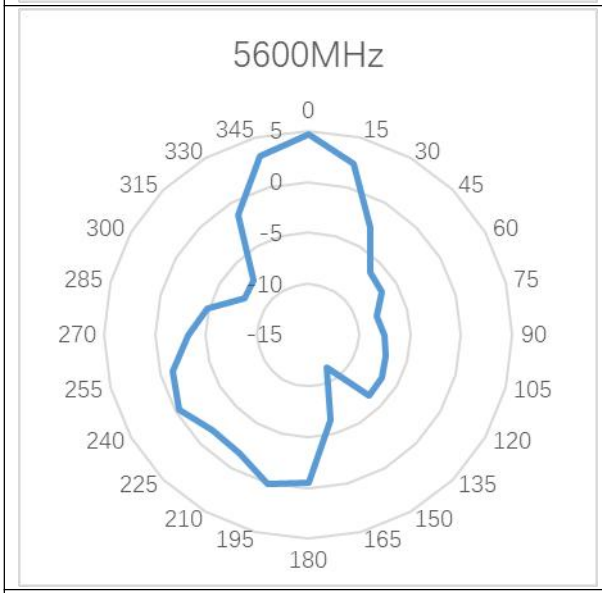


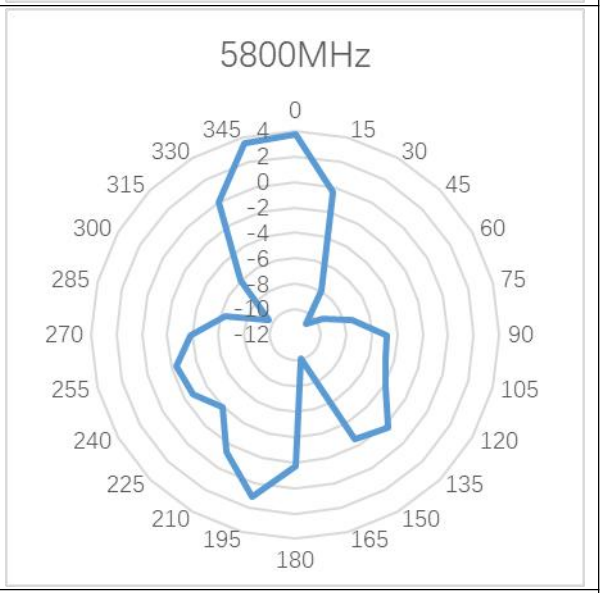


Ant4

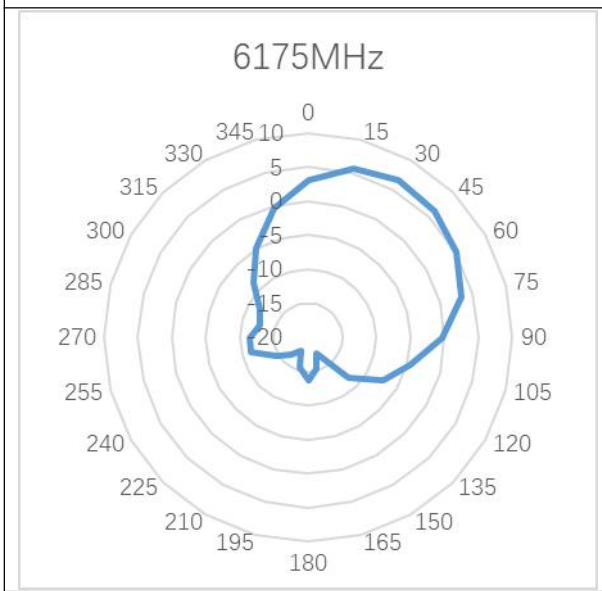


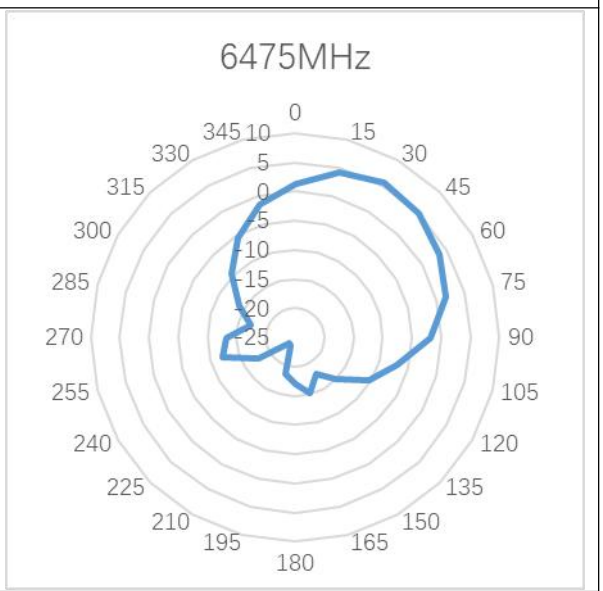


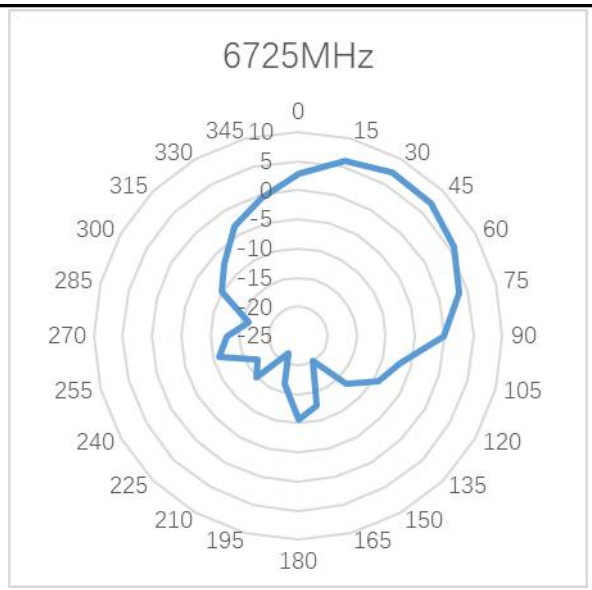


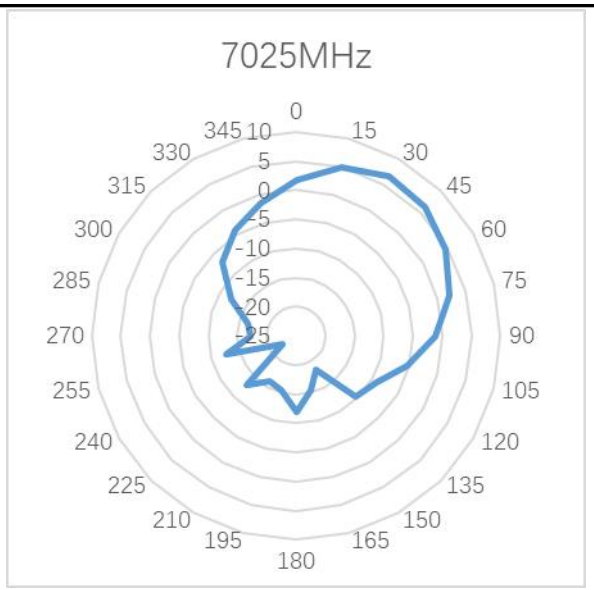


Ant5

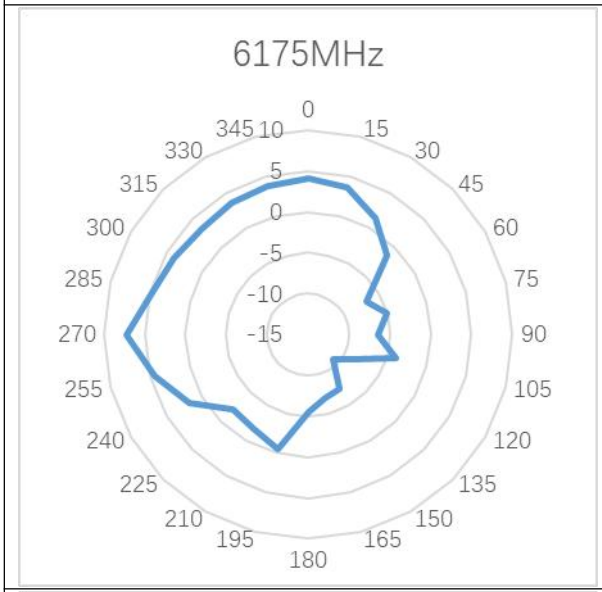


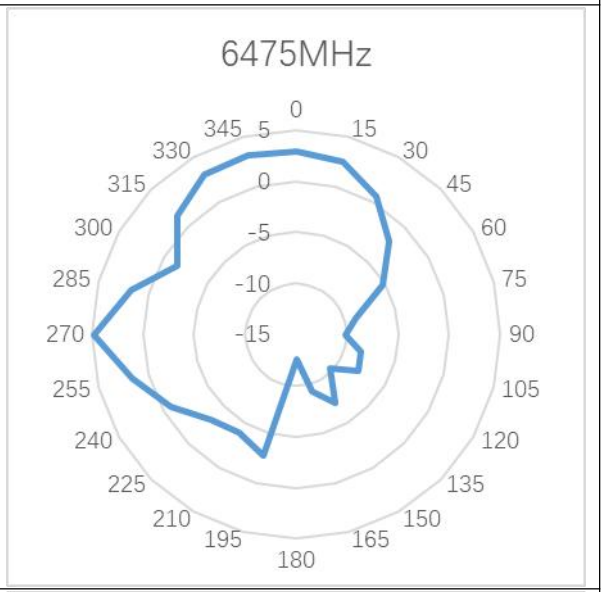


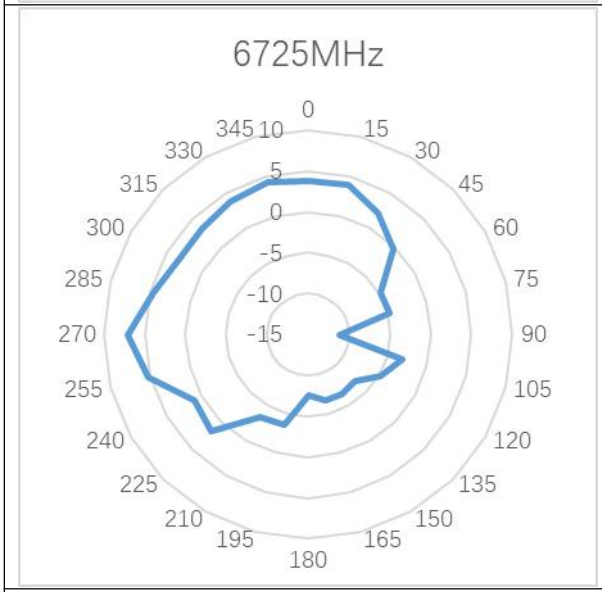


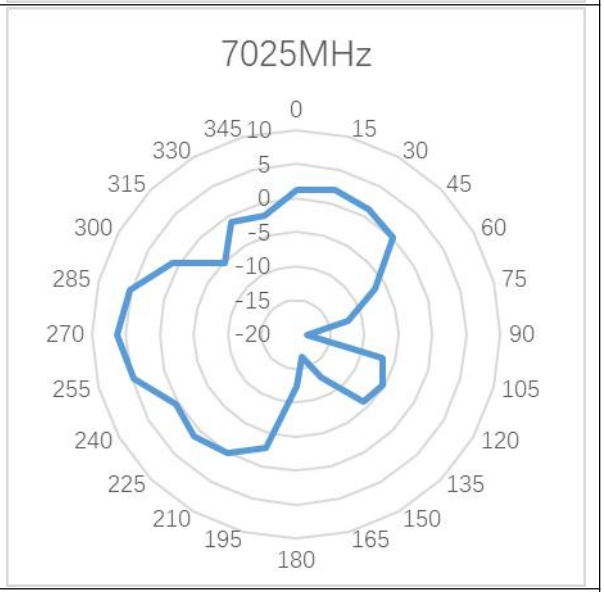


Ant6

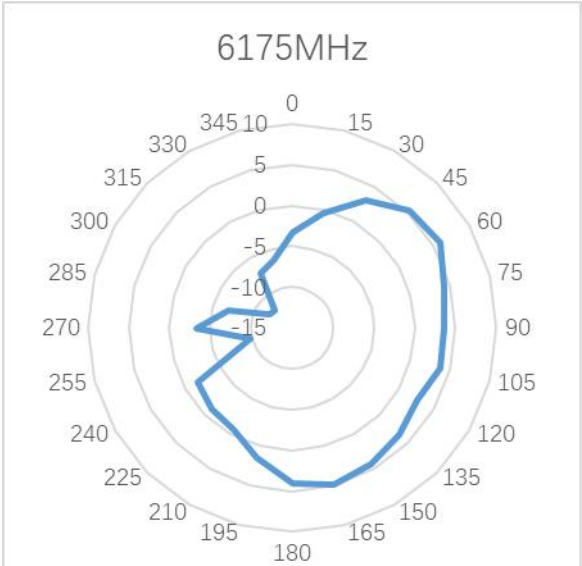


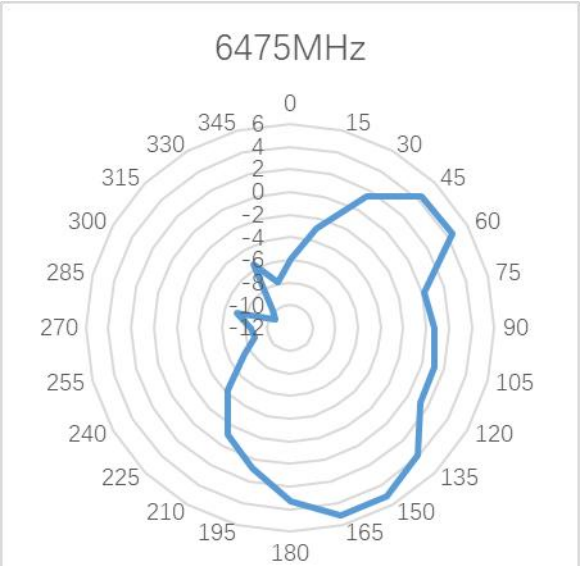


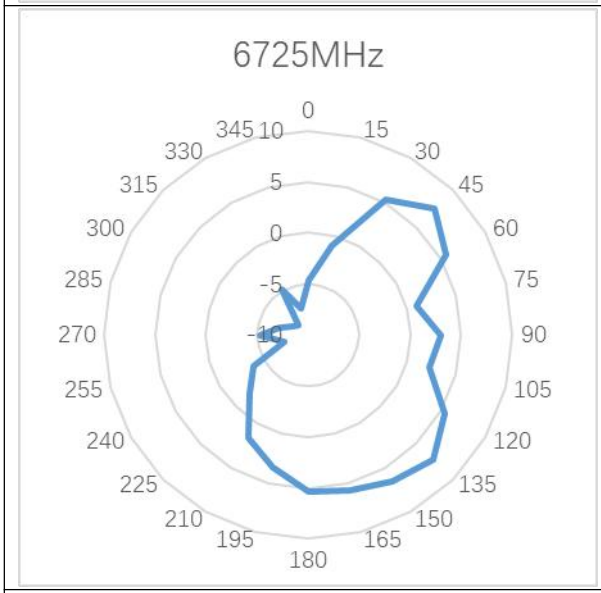


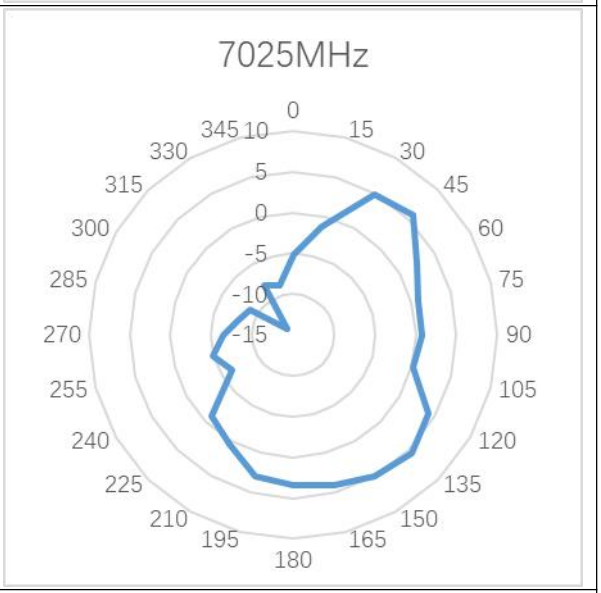


Ant7

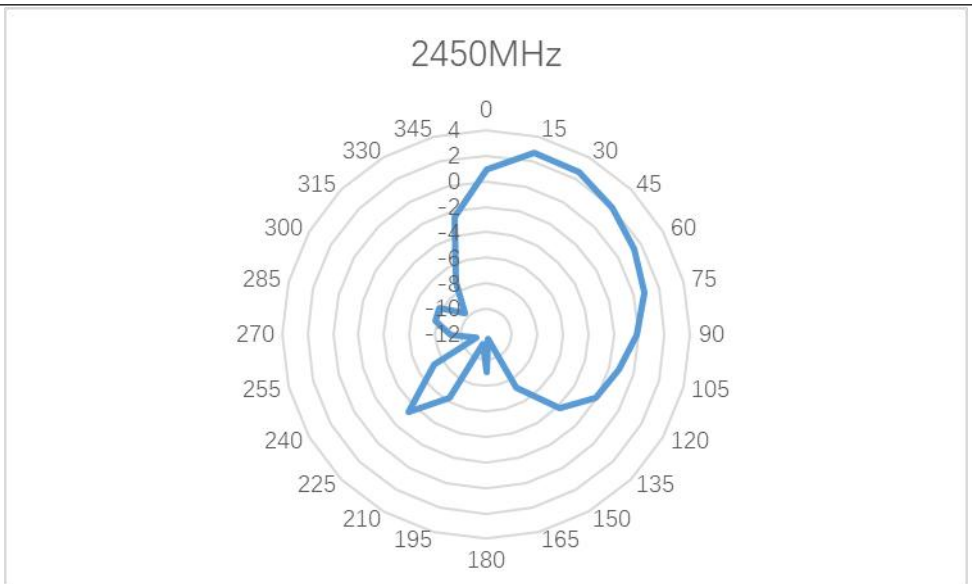








Ant8



7 Test Pattern

Ant1													
Freq	2450												
Phi\Theta	**0.00**	**15.00**	**30.00**	**45.00**	**60.00**	**75.00**	**90.00**	**105.00**	**120.00**	**135.00**	**150.00**	**165.00**	**180.00**
0.00	-8.61	-6.27	-2.96	-2.23	-1.25	0.4	0.73	-2.49	-6.04	-5.04	-8.01	-10.18	-18.19
15.00	-8.63	-7.65	-3.85	-1.74	-0.06	-0.12	0.47	-1.41	-4.64	-4.72	-5.12	-8.5	-18.19
30.00	-8.55	-9.42	-5.1	-1.99	0.35	1.16	1.02	-0.38	-5.64	-3.82	-4.97	-8.11	-18.19
45.00	-8.35	-11.25	-6.26	-1.95	-0.22	2.25	1.69	0.23	-5.04	-3.63	-6.28	-7.95	-18.19
60.00	-8.14	-12.23	-6.61	-1.77	-0.27	2.77	3.01	0.63	-3.8	-3.66	-7.15	-7.57	-18.19
75.00	-7.97	-12.07	-5.74	-1.25	0.76	3.37	4.08	1.36	-2.43	-3.88	-6.79	-7.01	-18.19
90.00	-7.81	-11.41	-4.28	-0.36	2.02	4.36	4.37	2.05	-2.13	-3.36	-7.51	-6.87	-18.19
105.00	-7.81	-10.87	-3.18	0.8	3.03	4.6	3.94	1.8	-1.74	-4.36	-10.03	-7.05	-18.19
120.00	-7.77	-10.66	-2.75	1.54	3.38	4.16	2.63	1.22	-2.49	-6.21	-14.77	-8.04	-18.19
135.00	-7.66	-11.09	-3.02	1.52	3.06	3.22	1.47	0.67	-3.87	-9.35	-18.25	-10.2	-18.19
150.00	-7.47	-11.97	-3.85	0.83	1.91	1.99	0.73	-0.58	-5.54	-13.98	-15.41	-13.66	-18.19
165.00	-7.31	-12.81	-4.64	-0.3	0.01	0.08	-1.1	-3.95	-10.41	-15.19	-15.27	-18.19	-18.19
180.00	-7.39	-12.68	-5.59	-1.67	-2.53	-2.61	-3.21	-9.46	-13.85	-7.81	-11.75	-14.82	-18.19
195.00	-7.52	-11.48	-7.14	-3.37	-3.64	-1.73	-2.72	-6.14	-6.56	-4.51	-8.96	-12.21	-18.19
210.00	-7.64	-9.79	-8.19	-4.88	-2.89	-0.21	-0.26	-3.07	-3.1	-3.42	-8.17	-11.22	-18.19
225.00	-7.75	-8.39	-7.5	-5.63	-4.11	-0.9	-0.14	-1.34	-2.75	-3.07	-7.48	-10.23	-18.19

240.00	-7.8	-7.15	-6.23	-6.13	-5.9	0.01	-0.15	-4.32	-2.73	-3.8	-7.12	-8.66	-18.19
255.00	-7.84	-6.05	-5.08	-6.32	-6.54	-3.57	-2.69	-6.44	-6.14	-7.01	-7.43	-8.02	-18.19
270.00	-8.1	-5.19	-3.99	-4.52	-4.7	-4.56	-4.48	-6.11	-11.88	-12.93	-8.35	-8.32	-18.19
285.00	-8.29	-4.67	-3.01	-2.35	-0.89	-1.8	-2.99	-3.13	-6.58	-15.14	-10.55	-9.02	-18.19
300.00	-8.4	-4.46	-2.26	-1.8	-0.12	0.76	-1.36	-2.18	-4.26	-9.44	-11.45	-9.65	-18.19
315.00	-8.45	-4.43	-1.84	-2.44	-0.59	1.05	-1.36	-3.19	-4.44	-6.64	-14.03	-10.87	-18.19
330.00	-8.53	-4.72	-2.03	-2.49	-1.85	-0.47	-1.99	-5.43	-6.33	-6.14	-17.94	-12.71	-18.19
345.00	-8.58	-5.28	-2.45	-2.56	-2.05	-1.93	-1.07	-4.97	-7.22	-6.65	-12.42	-12.39	-18.19

Ant2													
Freq	2450												
Phi\Theta	**0.00**	**15.00**	**30.00**	**45.00**	**60.00**	**75.00**	**90.00**	**105.00**	**120.00**	**135.00**	**150.00**	**165.00**	**180.00**
0.00	-10.25	-8.12	-9.46	-5.24	-2.27	-2.47	-1.95	-3.46	-5.25	-5.27	-3.9	-9.39	-19.19
15.00	-10.25	-8.35	-8.18	-5.72	-2.06	-0.93	-3.52	-2.86	-4.12	-3.47	-3.38	-7.51	-19.19
30.00	-10.03	-8.11	-5.76	-5.83	-1.81	-0.81	-1.97	-0.97	-1.92	-6.15	-3.76	-5.54	-19.19
45.00	-9.88	-7.92	-3.86	-5.46	-3.08	-1.28	-2.45	-1.82	-0.78	-10.19	-5.42	-4.46	-19.19
60.00	-9.94	-7.92	-2.99	-3.28	-6.61	-3.69	-5.94	-2.52	-3.02	-8.12	-6.02	-4.24	-19.19
75.00	-9.93	-8.06	-2.47	-1.66	-5.66	-6.37	-7.99	-5.87	-4.05	-5.72	-6.65	-4.56	-19.19
90.00	-9.87	-8.72	-1.9	-0.21	-2.22	-2.02	-3.63	-3.31	-3.35	-3.98	-7.76	-5.31	-19.19
105.00	-9.53	-10	-2.1	0.31	-0.56	0.56	-0.82	-0.7	-3.13	-4.33	-8.81	-6.14	-19.19
120.0	-	-	-	-	-	0	-	-	-	-	-	-	-

0	9.21	12.07	3.66	0.94	0.59	.84	0.42	1.41	5.32	6.06	10.47	7.19	19.19
135.00	-8.93	-14.23	-6.01	-3.15	-2.19	-0.11	-0.08	-2.08	-7.28	-7.15	-7.51	-9.68	-19.19
150.00	-8.85	-14.51	-7.25	-4.36	-3.52	0.03	1.8	0.81	-4.46	-4.57	-5.15	-14.64	-19.19
165.00	-8.84	-12.7	-6.48	-3.04	-2.48	0.99	3.75	2.48	-0.89	-3.97	-5.92	-19.19	-19.19
180.00	-8.97	-10.5	-5.38	-2.05	-1.42	2.13	3.84	3.65	-0.31	-3.06	-8.56	-12.13	-19.19
195.00	-8.94	-8.93	-5.36	-2.25	-0.09	2.03	3.34	3.61	-0.35	-3.6	-10.29	-8.85	-19.19
210.00	-8.92	-7.94	-6.13	-2.19	0.79	2.02	2.19	2.76	-0.37	-6.82	-7.12	-7.1	-19.19
225.00	-8.74	-7.33	-6.01	-2.52	0.76	0.53	1.67	1.82	-1.57	-4.91	-4.35	-6.01	-19.19
240.00	-8.68	-6.86	-5.41	-2.53	0.26	0.5	0.77	0.33	-0.99	-3.04	-3.94	-5.59	-19.19
255.00	-8.82	-6.57	-5.2	-1.34	0.31	0.35	0.18	0.33	0.58	-1.72	-4.1	-5.95	-19.19
270.00	-9.28	-6.37	-4.82	0.15	0.49	1.21	-0.08	1.18	1.27	-0.64	-4.52	-7.05	-19.19
285.00	-9.56	-6.37	-4.09	0.33	1.53	1.2	-0.14	1.71	1.48	-0.55	-6.09	-7.89	-19.19
300.00	-9.67	-6.69	-3.97	0.11	1.55	1.2	-0.54	2.37	0.49	-2.44	-7.34	-7.79	-19.19
315.00	-9.65	-6.97	-5.08	-0.22	1.18	0.25	0.62	0.02	-1.45	-7.32	-6.76	-7.64	-19.19
330.00	-9.72	-7.2	-7.38	-1.17	0.67	-0.83	0.31	1.67	-4.73	-11.19	-6.26	-8.12	-19.19
345.00	-9.9	-7.57	-9.37	-2.92	-0.88	-2.03	-1.13	-0.08	-5.69	-5.84	-5.38	-9.11	-19.19

2450MHz Composite Gain（1SS）													
Freq	2450												
Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
0.00	-6.38	-4.14	-2.61	-0.59	1.27	1.64	1.69	0.05	-2.63	-2.14	-2.70	-6.77	-15.67

15.00	-6.39	-4.98	-2.74	-0.49	2.01	2.49	1.71	0.91	-1.37	-1.06	-1.20	-4.98	-15.67
30.00	-6.25	-5.73	-2.41	-0.69	2.35	3.24	2.66	2.34	-0.57	-1.90	-1.33	-3.72	-15.67
45.00	-6.07	-6.42	-1.97	-0.52	1.48	3.67	2.87	2.28	0.36	-3.29	-2.83	-3.02	-15.67
60.00	-5.98	-6.80	-1.60	0.52	0.14	3.14	2.65	2.21	-0.39	-2.60	-3.56	-2.74	-15.67
75.00	-5.88	-6.83	-0.94	1.56	1.14	2.81	3.00	1.49	-0.19	-1.74	-3.71	-2.69	-15.67
90.00	-5.77	-6.95	0.00	2.73	3.17	4.75	4.27	2.79	0.29	-0.65	-4.62	-3.04	-15.67
105.00	-5.62	-7.41	0.39	3.57	4.43	5.82	4.89	3.65	0.60	-1.33	-6.39	-3.57	-15.67
120.00	-5.45	-8.33	-0.18	3.40	4.63	5.67	4.25	3.01	-0.78	-3.12	-9.35	-4.59	-15.67
135.00	-5.26	-9.51	-1.38	2.51	3.84	4.72	3.74	2.41	-2.40	-5.17	-8.31	-6.93	-15.67
150.00	-5.12	-10.14	-2.37	1.63	2.62	4.08	4.29	3.15	-1.97	-5.05	-5.84	-11.13	-15.67
165.00	-5.03	-9.74	-2.50	1.45	1.86	3.56	4.67	2.86	-1.40	-4.87	-6.38	-15.67	-15.67
180.00	-5.13	-8.51	-2.47	1.15	1.05	3.09	4.02	2.37	-1.66	-2.10	-7.00	-10.36	-15.67
195.00	-5.19	-7.10	-3.19	0.22	1.33	3.36	3.84	3.05	0.10	-1.03	-6.59	-7.36	-15.67
210.00	-5.25	-5.81	-4.09	-0.42	2.15	3.99	4.06	3.34	1.38	-1.94	-4.62	-5.91	-15.67
225.00	-5.22	-4.83	-3.71	-0.93	1.67	3.73	3.95	3.39	0.87	-0.93	-2.76	-4.86	-15.67
240.00	-5.22	-3.99	-2.80	-1.13	0.73	3.27	3.33	1.32	1.19	-0.40	-2.37	-3.98	-15.67
255.00	-5.31	-3.30	-2.13	-0.47	0.55	1.62	1.87	0.60	0.86	-0.96	-2.60	-3.91	-15.67
270.00	-5.66	-2.75	-1.38	1.14	1.29	1.81	1.01	1.29	-0.01	-1.76	-3.22	-4.65	-15.67
285.00	-5.89	-2.47	-0.52	2.10	3.41	2.84	1.56	2.63	1.36	-2.08	-5.03	-5.43	-15.67

300.00	-6.00	-2.49	-0.06	2.22	3.77	3.99	2.07	3.40	1.45	-2.24	-6.14	-5.66	-15.67
315.00	-6.02	-2.60	-0.30	1.75	3.35	3.67	2.70	2.81	0.19	-3.96	-6.65	-6.10	-15.67
330.00	-6.09	-2.86	-1.29	1.21	2.51	2.36	2.25	1.84	-2.48	-5.29	-7.26	-7.10	-15.67
345.00	-6.20	-3.34	-2.23	0.27	1.56	1.03	1.91	0.82	-3.41	-3.23	-5.20	-7.59	-15.67

2450MHz Composite Gain（2SS）													
Freq	2450												
Phi\Theta	**0.00**	**15.00**	**30.00**	**45.00**	**60.00**	**75.00**	**90.00**	**105.00**	**120.00**	**135.00**	**150.00**	**165.00**	**180.00**
0.00	-9.35	-7.10	-5.09	-3.48	-1.73	-1.31	-1.30	-2.95	-5.63	-5.15	-5.49	-9.77	-18.66
15.00	-9.36	-7.99	-5.50	-3.29	-0.95	-0.51	-1.08	-2.07	-4.37	-4.05	-4.16	-7.98	-18.66
30.00	-9.23	-8.72	-5.42	-3.50	-0.60	0.29	-0.22	-0.66	-3.39	-4.83	-4.32	-6.64	-18.66
45.00	-9.05	-9.27	-4.90	-3.36	-1.42	0.83	0.10	-0.68	-2.41	-5.77	-5.83	-5.86	-18.66
60.00	-8.95	-9.56	-4.43	-2.46	-2.37	0.64	0.52	-0.67	-3.39	-5.34	-6.55	-5.59	-18.66
75.00	-8.84	-9.62	-3.80	-1.45	-1.36	0.80	1.33	-0.90	-3.16	-4.70	-6.72	-5.61	-18.66
90.00	-8.72	-9.86	-2.93	-0.28	0.40	2.25	2.00	-0.15	-2.70	-3.66	-7.63	-6.02	-18.66
105.00	-8.59	-10.41	-2.61	0.56	1.60	3.03	2.18	-0.73	-2.38	-4.34	-9.38	-6.57	-18.66
120.00	-8.43	-11.31	-3.18	0.47	1.83	2.81	1.37	-0.10	-3.68	-6.13	-12.11	-7.59	-18.66
135.00	-8.25	-12.38	-4.26	-0.22	1.18	1.87	0.76	-0.49	-5.25	-8.11	-10.17	-9.93	-18.66
150.00	-8.11	-13.06	-5.23	-1.03	-0.01	1.12	1.30	-0.17	-4.97	-7.11	-7.77	-14.12	-18.66
165.00	-8.01	-12.75	-5.46	-1.46	-1.06	0.56	1.97	-0.36	-3.44	-6.66	-8.45	-18.66	-18.66
180.00	-	-	-	-	-	0	1	0	-	-	-	-	-

	8.11	11.45	5.48	1.86	1.94	.38	.61	.85	3.13	4.82	9.87	13.27	18.66
195.00	-8.17	-10.02	-6.16	-2.77	-1.51	0.54	1.29	1.04	-2.43	-4.03	-9.57	-10.21	-18.66
210.00	-8.23	-8.77	-7.04	-3.33	-0.67	1.05	1.14	0.76	-1.52	-4.80	-7.61	-8.69	-18.66
225.00	-8.22	-7.83	-6.69	-3.80	-1.03	0.72	0.97	0.52	-2.12	-3.89	-5.64	-7.63	-18.66
240.00	-8.22	-7.00	-5.80	-3.97	-1.81	0.26	0.33	-1.40	-1.77	-3.40	-5.25	-6.86	-18.66
255.00	-8.30	-6.30	-5.14	-3.15	-1.88	-1.18	-1.02	-1.85	-1.59	-3.60	-5.45	-6.86	-18.66
270.00	-8.65	-5.74	-4.39	-1.59	-1.37	-0.78	-1.75	-1.09	-1.53	-3.40	-6.03	-7.64	-18.66
285.00	-8.88	-5.44	-3.52	-0.81	0.49	-0.05	-1.34	-0.07	-0.90	-3.41	-7.77	-8.42	-18.66
300.00	-8.99	-5.43	-3.03	-0.74	0.79	0.99	-0.93	0.67	-1.27	-4.66	-8.93	-8.62	-18.66
315.00	-9.01	-5.52	-3.16	-1.19	0.38	0.67	-0.26	0.15	-2.69	-6.97	-9.02	-8.96	-18.66
330.00	-9.08	-5.79	-3.93	-1.78	-0.41	-0.65	-0.69	-0.57	-5.46	-7.97	-8.98	-9.83	-18.66
345.00	-9.19	-6.28	-4.66	-2.74	-1.43	-1.98	-1.10	-1.87	-6.39	-6.23	-7.61	-10.45	-18.66

Ant1													
Freq	5200.00												
Phi\ Theta	**0.00**	**15.00**	**30.00**	**45.00**	**60.00**	**75.00**	**90.00**	**105.00**	**120.00**	**135.00**	**150.00**	**165.00**	**180.00**
0.00	**-7.09**	**-10.11**	**-10.7**	**-8.79**	**-1.05**	**-1.24**	**-1.56**	**-3.73**	**-8.22**	**-8.29**	**-5.84**	**-6.61**	**-18.22**
15.00	**-7.13**	**-8.67**	**-11.98**	**-8.08**	**-0.58**	**0.41**	**-0.55**	**-1.42**	**-6.88**	**-10.8**	**-7.58**	**-6.55**	**-18.22**
30.00	**-7.11**	**-7.91**	**-8.93**	**-6.43**	**-6.09**	**-7.37**	**-19.11**	**-12.28**	**-8.89**	**-10.01**	**-9.5**	**-6.66**	**-18.22**
45.00	**-7.08**	**-7.83**	**-8.17**	**-4.6**	**-8.13**	**-10.42**	**-8.31**	**-8.91**	**-7.28**	**-12.4**	**-20.33**	**-5.95**	**-18.22**
60.0	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

0	7.05	8.53	8.31	3.06	4.06	6.98	5.04	7.26	7.95	5.42	10.7	6.01	18.22
75.00	-7.04	-9.06	-8.55	-2.89	-1.04	0.83	0.22	-3.07	-14.51	-4.97	-7.32	-5.04	-18.22
90.00	-6.96	-9.34	-6.46	-3.05	-3	0.16	-0.1	-3.7	-8.35	-9.22	-7.44	-4.61	-18.22
105.00	-6.99	-9.34	-5.5	-0.09	1.06	0.82	-0.57	-2.19	-8.02	-10.08	-11.58	-6.4	-18.22
120.00	-6.97	-9	-6.14	-0.17	0.44	0.55	-2.47	-3.97	-7.59	-8.08	-10.02	-8.06	-18.22
135.00	-7.04	-8.35	-8.44	-2.51	-1.82	-1.87	-3.65	-4.33	-6.59	-6.08	-7.29	-9	-18.22
150.00	-7.15	-7.49	-9.36	-3.14	-0.97	1.03	1.66	-2.68	-4.83	-3.53	-5.07	-7.81	-18.22
165.00	-7.14	-6.79	-7.67	-4.56	-2.7	1.81	2.89	-0.56	-5.01	-1.43	-3.74	-6.54	-18.22
180.00	-6.92	-7	-7.76	-5.16	-6.02	-1.31	0.81	-1.2	-3.55	-1.12	-3.66	-7.24	-18.22
195.00	-6.75	-7.66	-7.38	-5.2	-5.98	-6.29	-2.29	-4.75	-2.61	-1.64	-3.9	-10.26	-18.22
210.00	-6.6	-7.09	-6.56	-3.06	-5.07	-11.46	-4.41	-8.11	-5.33	-4.04	-4.07	-10.55	-18.22
225.00	-6.72	-7.01	-4.35	-2.06	-4.22	-12.04	-4.76	-4.61	-7.51	-8.97	-7.53	-10.18	-18.22
240.00	-6.83	-8.13	-3.46	-2.16	-4.04	-8.51	-3.15	-2.98	-6.01	-10.06	-8.69	-11.11	-18.22
255.00	-7.01	-8.32	-4.17	-2.92	-4.17	-5	-4	-3.22	-4.04	-10.68	-8.65	-13.08	-18.22
270.00	-7.06	-7.84	-2.94	-2.33	-5.79	-5.84	-3.01	-0.52	-3.7	-8.76	-11.93	-18.22	-18.22
285.00	-6.89	-8.43	-2.35	-1.99	-5.46	-2.68	-0.04	-0.07	-4.66	-10.73	-11.5	-17.94	-18.22
300.00	-6.73	-9.9	-3.61	-2.51	-4.7	-1.64	-3.65	-5.41	-8.92	-8.16	-10.17	-16.48	-18.22
315.00	-6.76	-11.31	-4.73	-4.45	-8.24	-7.34	-0.87	-2.08	-4.5	-5.13	-8.62	-13.85	-18.22
330.00	-6.73	-12.33	-6.24	-5.84	-7.14	-2.48	1.93	1.42	-4.7	-4.11	-8.34	-9.99	-18.22
345.	-	-	-	-	-	-	-	-	-	-	-	-	-

00	6.91	12.11	7.92	8.06	3.88	0.82	0.43	0.9	5.94	7.76	7.18	8.17	18.22

Ant2													
Freq	5200.00												
Phi\ Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-15.99	-12.71	-3.87	-3.81	-3.32	-1.13	-2.76	-4.63	-7.06	-9.12	-15.15	-8.95	-16.6
15.00	-16.21	-13.45	-5.12	-4.85	-3.16	-0.18	-1.15	-2.84	-4.9	-4.72	-11.21	-7.44	-16.6
30.00	-17.23	-13.21	-6.78	-5.93	-2.99	0.58	-0.46	-1.34	-4.07	-3.32	-7.19	-5.93	-16.6
45.00	-17.25	-12.27	-8.94	-7.21	-5.04	-0.39	-0.37	-1.28	-3.92	-3.51	-6.2	-4.77	-16.6
60.00	-16.69	-11.82	-11.05	-7.75	-6.92	-2.74	-1.3	-3.44	-3.6	-3.83	-3.6	-4.37	-16.6
75.00	-16.05	-12.35	-9.59	-6.8	-7.97	-2.97	-2.99	-5.12	-3.08	-3.77	-2.34	-4.33	-16.6
90.00	-15.35	-13.1	-7.67	-5.13	-5.27	-3.04	-2.94	-3.15	-3.95	-1.91	-3.02	-4.5	-16.6
105.00	-15.19	-13.82	-6.42	-3.08	-2.31	-1.91	-0.55	-1.41	-4.85	-2.38	-4.97	-5.31	-16.6
120.00	-15.34	-14.13	-5.47	-1.85	-0.85	-0.56	-0.05	-1.2	-5.76	-3.54	-6.67	-6.01	-16.6
135.00	-15.36	-13.41	-4.43	-0.36	-0.64	-1.26	-0.46	-1.45	-4.73	-5.53	-7.9	-7.36	-16.6
150.00	-15.75	-13.08	-3.47	-0.53	-2.07	-1.42	-1.44	-1.43	-3.14	-7.88	-5.66	-10.17	-16.6
165.00	-15.86	-13.1	-3.79	-0.74	-0.9	-1.15	-0.21	-2.33	-5.35	-8.86	-7	-13.4	-16.6
180.00	-15.58	-13.64	-5.88	-3.8	-2.08	-2.3	-1.04	-6.89	-12.85	-16.32	-10.4	-16.49	-16.6
195.00	-15.38	-13.34	-8.5	-6.59	-1.43	-1.19	-0.68	-2.76	-12.29	-9.75	-10.53	-16.6	-16.6
210.00	-15.07	-11.46	-10.72	-10.14	-5.35	-5.41	-6.74	-6.67	-13	-8.78	-10.51	-14.13	-16.6
225.00	-15.03	-9.32	-13.01	-12.32	-11.76	-11.03	-13.67	-20.09	-14.3	-14.85	-14.92	-10.29	-16.6

240.00	-15.46	-7.85	-14.49	-5.94	-7.82	-10.31	-10.69	-8.45	-6.66	-8.86	-15.93	-7.82	-16.6
255.00	-15.29	-7.25	-11.22	-3.08	-1.64	-0.63	-1.3	-4.57	-6.63	-10.69	-13.56	-5.75	-16.6
270.00	-16.26	-7.34	-5.72	-3.49	-1.35	-0.36	-3.48	-6.39	-8	-13.28	-13.93	-5.8	-16.6
285.00	-16.45	-7.49	-2.6	-1.45	-2.25	-0.26	-2.32	-3.06	-10.97	-14.58	-13.39	-7.14	-16.6
300.00	-16.82	-7.9	-1.94	-0.56	-1.29	-0.52	-4.63	-5.4	-15.58	-14.79	-14.08	-8.39	-16.6
315.00	-16.75	-8.6	-2.84	-1.6	-2.85	-1.44	-6.05	-6.22	-14.54	-11.75	-11.74	-8.68	-16.6
330.00	-16.33	-9.96	-3.61	-2.34	-3	-1.78	-5.42	-7.84	-14.82	-17.82	-13.45	-9.24	-16.6
345.00	-15.46	-11.47	-3.34	-2.33	-2.31	-0.31	-2.63	-5.49	-11.46	-16.27	-17.55	-9.79	-16.6

Ant3													
Freq	5200.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-12.51	-8.84	-9.35	-5.34	-1.35	3.41	3.99	3.37	0.07	-2.09	-5.55	-10.01	-27.87
15.00	-12.73	-9.08	-10.69	-6.45	-3.51	1.51	2.19	2.09	-1.32	-3.35	-6.91	-10.88	-27.87
30.00	-12.66	-9.36	-10.65	-8.46	-5.86	-0.71	-0.22	-0.04	-3.35	-5.48	-8.76	-11.54	-27.87
45.00	-12.62	-9.67	-9.19	-10.74	-7.56	-4.08	-3.42	-2.07	-5.65	-8.63	-10.67	-12.69	-27.87
60.00	-12.26	-10.21	-8.95	-13.05	-9.14	-7.32	-6.28	-4.9	-8.69	-11.22	-12.23	-15.29	-27.87
75.00	-11.95	-11.35	-9.65	-14	-13.03	-10.14	-10.51	-8.59	-10.01	-10.64	-15.41	-19.1	-27.87
90.00	-11.81	-12.6	-9.2	-12.21	-15.52	-11.11	-15.78	-8.48	-13.89	-12.38	-16.12	-17.3	-27.87
105.00	-11.71	-13.27	-10.32	-12.06	-19.77	-13.92	-16.62	-13	-13.29	-15.78	-15.2	-15.37	-27.87
120.	-	-	-	-	-	-	-	-	-	-	-	-	-

00	11.82	13.17	11.13	9.04	23.9	20.25	16.56	12.08	12.91	11.52	18.75	14.9	27.87
135.00	-11.95	-12.98	-11.24	-10.81	-17.7	-19.14	-14.98	-16.7	-17.51	-12.35	-17.84	-17.56	-27.87
150.00	-11.99	-13.26	-12.18	-17.95	-22.51	-23.17	-12.83	-14.62	-14.04	-15.87	-15.72	-19.44	-27.87
165.00	-11.79	-14.37	-13.77	-13.42	-21.34	-18.13	-14.24	-12.77	-11.53	-12.76	-17.74	-19.59	-27.87
180.00	-11.6	-15.41	-16.07	-12.42	-17.33	-15.46	-11.38	-12.44	-10.4	-10.11	-18.4	-23.91	-27.87
195.00	-11.5	-17.32	-17.7	-11.61	-13.83	-15.63	-10.4	-13.31	-8.15	-10.2	-17.42	-27.87	-27.87
210.00	-11.68	-18.78	-15.9	-9.59	-11.23	-16.05	-10.84	-14.87	-8	-12.31	-20.26	-25.56	-27.87
225.00	-11.74	-19.76	-17.8	-8.63	-10.28	-13.15	-9.33	-18.92	-10.45	-10.97	-16.05	-24.49	-27.87
240.00	-11.97	-18.43	-15.08	-8.4	-11.04	-13.03	-11.2	-15.99	-6.35	-6.99	-17.24	-19.77	-27.87
255.00	-12.18	-14.78	-8.64	-5.81	-9.05	-10.36	-12.03	-9.33	-9.51	-11.85	-14.51	-14.26	-27.87
270.00	-12.27	-11.6	-5.93	-4.18	-7.23	-7.21	-8.17	-8.18	-7.06	-12.68	-10.26	-13.01	-27.87
285.00	-12.47	-10.1	-6.19	-4.07	-5.26	-1.58	-2.57	-2.88	-3.02	-8.62	-8.91	-10.69	-27.87
300.00	-12.5	-9.62	-7.75	-4.15	-2.5	1.03	1.25	1.13	-2.87	-7.14	-9.3	-9.26	-27.87
315.00	-12.38	-9.43	-7.61	-3.4	-0.63	2.85	4.19	2.77	-0.4	-5.02	-8.52	-9.48	-27.87
330.00	-12.24	-9.2	-7.45	-3.34	0.15	4.62	5.25	3.49	1.25	-2.51	-5.69	-10.32	-27.87
345.00	-12.35	-8.98	-8.59	-3.94	-0.08	4.68	5	3.69	0.97	-1.92	-5.4	-9.87	-27.87

Ant4													
Freq	5200.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	4.42	4.77	5.86	4.35	-0.86	4.04	1.91	3.79	3.26	1.71	-0.57	-2.81	-13.79

15.00	4.4	4.75	5.18	3.24	1.12	4.38	2.57	4.34	3.29	1.63	-0.86	-3.28	-13.79
30.00	4.37	4.44	3.85	2.01	0.82	2.05	0.71	2.69	1.01	0.66	-1.5	-3.88	-13.79
45.00	4.39	3.93	2.53	0.36	-1.9	-1.62	-2.68	-0.98	-1.74	-1.49	-4.65	-3.66	-13.79
60.00	4.42	3.48	1.07	-0.91	-5.92	-6.27	-6.93	-4.56	-4.18	-4.57	-8.17	-4.99	-13.79
75.00	4.48	3.14	-0.25	-4.45	-8.16	-7.08	-10.96	-5.05	-5.65	-6.65	-7.42	-7.82	-13.79
90.00	4.45	2.89	-1.79	-10.38	-7.51	-7.51	-10.08	-6.32	-6.75	-7.1	-7.01	-11.38	-13.79
105.00	4.47	2.88	-2.49	-14.29	-8.57	-11.93	-10.24	-9.14	-9.43	-9.33	-6.71	-12.59	-13.79
120.00	4.45	3.17	-1.69	-15.69	-13.07	-15.66	-12.93	-9.98	-7.63	-7.85	-6.33	-10.89	-13.79
135.00	4.42	3.65	0.37	-8.94	-8.2	-12.63	-15.09	-7.8	-4.54	-5.03	-5.76	-7.88	-13.79
150.00	4.45	4.24	2.73	-2.22	-2.33	-5.14	-5.19	-2.01	-0.76	-2.61	-5.24	-6.55	-13.79
165.00	4.47	4.72	4.5	1.41	0.25	-0.87	0.16	2.5	1.45	-1.94	-4.18	-5.97	-13.79
180.00	4.45	5.1	5.26	2.25	0.29	1.11	1.13	4.45	2.96	-0.53	-4.83	-5.97	-13.79
195.00	4.47	5.19	4.76	0.47	-1.96	0.24	0.23	3.24	1.71	-2.31	-7.61	-5.95	-13.79
210.00	4.45	5.09	3.36	-2.42	-7.08	-4.35	-2.32	-0.98	-1.87	-3.81	-8.75	-6.63	-13.79
225.00	4.39	4.79	1.98	-7.25	-10	-5.19	-3.33	-6.18	-7.65	-8.77	-11.97	-9.36	-13.79
240.00	4.41	4.39	0.98	-12.94	-8.08	-3.45	-2.4	-8.12	-10.13	-16.28	-13.4	-10.02	-13.79
255.00	4.39	4.07	0.34	-13.91	-8.49	-5.08	-3.52	-9.14	-11.12	-16.27	-10.89	-11.82	-13.79
270.00	4.43	3.8	0.21	-10.57	-6.33	-6.36	-6.5	-10.59	-10.02	-14.49	-10.91	-13.79	-13.79
285.00	4.4	3.67	0.34	-10.45	-4.9	-4.63	-6.48	-9.13	-10.36	-16.35	-13.31	-11.19	-13.79

300.00	4.37	3.64	1.1	-6.62	-5.99	-4.66	-6.41	-6.17	-12.5	-8.24	-8.44	-11.55	-13.79
315.00	4.37	3.83	2.6	-1.66	-7.5	-8.05	-9.58	-7.38	-9.98	-3.99	-4.91	-9.82	-13.79
330.00	4.38	4.16	4.38	1.89	-7.49	-6.95	-10.33	-5.69	-2.14	-1.85	-4.04	-6.74	-13.79
345.00	4.4	4.55	5.52	3.98	-4.49	-0.2	-1.55	-0.06	-1.65	-1.07	-2.23	-3.95	-13.79

5200MHz Composite Gain（1SS）(Ant1+ Ant2+ Ant3)													
Freq	5200.00												
Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
0.00	-6.31	-5.64	-2.67	-0.97	-2.92	-5.40	-5.19	-3.89	-0.52	-1.13	-3.09	-3.63	-14.91
15.00	-6.43	-5.38	-3.96	-1.59	-2.46	-5.38	-5.06	-4.30	-0.72	-0.97	-3.60	-3.33	-14.91
30.00	-6.59	-5.12	-3.87	-2.10	-0.09	-2.90	-1.40	-1.66	-0.34	-1.08	-3.66	-2.94	-14.91
45.00	-6.56	-4.96	-3.98	-2.39	-2.03	-0.72	-1.32	-1.29	-0.74	-2.64	-5.89	-2.40	-14.91
60.00	-6.34	-5.31	-4.59	-2.26	-1.69	-0.65	-0.83	-0.29	-1.67	-1.52	-3.21	-2.65	-14.91
75.00	-6.13	-6.04	-4.48	-2.01	-1.19	-1.76	-1.39	-0.53	-3.15	-1.22	-2.07	-2.64	-14.91
90.00	-5.92	-6.74	-2.93	-1.23	-1.72	-1.26	-0.64	-0.03	-3.05	-1.92	-2.58	-2.36	-14.91
105.00	-5.87	-7.13	-2.40	-0.99	-1.24	-1.69	-1.35	-0.58	-3.29	-2.93	-4.76	-3.25	-14.91
120.00	-5.92	-7.03	-2.47	-1.85	-1.35	-1.67	-0.84	-0.10	-3.49	-2.33	-5.74	-4.14	-14.91
135.00	-6.00	-6.49	-2.81	-1.23	-1.33	-1.56	-0.76	-0.69	-3.32	-2.72	-5.10	-5.54	-14.91
150.00	-6.15	-6.07	-2.78	-0.74	-2.23	-2.73	-3.59	-0.18	-1.43	-2.97	-2.88	-6.46	-14.91
165.00	-6.10	-5.98	-2.73	-0.04	-0.93	-2.20	-3.41	-0.95	-2.06	-1.61	-3.00	-6.82	-14.91
180.00	-	-	-	-	-	-0.02	-2.00	-	-	-	-	-	-

	5.88	6.45	4.15	1.62	1.71	.32	.29	0.90	3.23	2.20	4.12	8.54	14.91
195.00	-5.72	-7.09	-5.37	-2.62	-0.94	0.32	1.88	-1.12	-2.01	-1.47	-4.18	-10.88	-14.91
210.00	-5.64	-6.45	-5.48	-2.19	-2.02	-5.11	-2.17	-4.45	-3.46	-2.94	-4.59	-10.03	-14.91
225.00	-5.71	-5.77	-5.14	-1.84	-3.34	-7.26	-3.73	-6.71	-5.55	-6.50	-7.19	-8.18	-14.91
240.00	-5.92	-5.52	-4.46	-0.34	-2.39	-5.65	-2.74	-2.86	-1.56	-3.77	-8.32	-6.85	-14.91
255.00	-6.04	-4.77	-2.74	0.93	0.33	0.31	0.05	-0.57	-1.67	-6.29	-7.07	-5.39	-14.91
270.00	-6.28	-3.96	0.02	1.47	0.36	0.83	0.18	0.39	-1.28	-6.56	-7.14	-6.09	-14.91
285.00	-6.28	-3.84	1.23	2.34	0.58	3.32	3.20	2.88	-0.83	-6.20	-6.30	-6.10	-14.91
300.00	-6.26	-4.32	0.66	2.49	2.05	4.46	2.83	2.13	-2.88	-4.66	-6.18	-5.93	-14.91
315.00	-6.23	-4.94	-0.07	1.70	1.41	3.74	4.84	3.70	0.03	-2.01	-4.73	-5.62	-14.91
330.00	-6.10	-5.63	-0.84	1.05	1.94	5.52	6.39	4.99	0.89	-1.25	-3.83	-5.07	-14.91
345.00	-6.07	-5.97	-1.52	0.31	2.82	6.33	6.03	4.66	0.76	-2.07	-3.89	-4.47	-14.91

5200MHz Composite Gain（1SS）(Ant1+ Ant2+ Ant4)													
Freq	5200.00												
Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
0.00	2.33	2.37	4.46	3.72	3.10	5.70	4.20	4.12	2.41	1.04	-0.57	-0.98	-11.24
15.00	2.29	2.50	3.60	2.90	4.07	6.55	5.22	5.38	3.13	1.57	-0.70	-0.80	-11.24
30.00	2.20	2.42	2.74	2.24	2.48	4.06	1.85	3.06	1.71	1.58	-0.62	-0.64	-11.24
45.00	2.22	2.16	1.61	1.54	0.12	1.62	1.58	1.73	0.75	0.09	-3.40	0.03	-11.24
60.00	2.29	1.77	0.31	1.31	-0.78	-0.35	0.67	-0.17	-0.27	0.19	-2.21	-0.33	-11.24

75.00	2.38	1.37	-0.28	0.20	-0.28	2.28	1.33	0.41	-1.78	-0.28	-0.58	-0.83	-11.24
90.00	2.42	1.06	-0.15	-0.91	-0.29	1.86	1.31	0.49	-1.39	-0.74	-0.81	-1.52	-11.24
105.00	2.44	0.98	0.13	0.73	2.35	1.90	2.01	1.15	-2.45	-1.75	-2.56	-2.79	-11.24
120.00	2.42	1.21	0.57	1.04	2.00	1.95	1.18	0.44	-2.18	-1.46	-2.75	-3.32	-11.24
135.00	2.38	1.75	1.35	1.53	2.37	2.06	0.75	0.62	-0.47	-0.76	-2.16	-3.28	-11.24
150.00	2.35	2.36	2.76	3.30	4.56	4.35	4.60	2.75	2.02	0.38	-0.55	-3.28	-11.24
165.00	2.36	2.84	3.98	3.81	4.39	4.81	5.83	4.87	2.40	1.29	-0.09	-3.28	-11.24
180.00	2.41	3.02	4.01	3.16	2.54	4.06	5.12	4.75	2.46	1.13	-1.07	-4.04	-11.24
195.00	2.47	3.00	3.30	1.56	1.87	3.73	4.41	4.04	2.08	0.89	-2.15	-5.14	-11.24
210.00	2.51	3.21	2.21	0.19	-1.02	-1.79	0.47	0.09	-0.84	-0.49	-2.56	-5.13	-11.24
225.00	2.45	3.27	1.61	-1.45	-3.26	-4.09	-1.44	-3.35	-4.53	-5.67	-6.16	-5.16	-11.24
240.00	2.41	3.03	1.16	-1.19	-1.67	-2.15	0.07	-1.36	-2.65	-6.41	-7.37	-4.77	-11.24
255.00	2.37	2.89	0.96	-0.59	0.44	1.46	1.91	-0.53	-2.02	-7.41	-6.03	-4.82	-11.24
270.00	2.32	2.77	2.29	-0.01	0.58	1.03	0.57	-0.08	-2.06	-7.04	-7.40	-6.29	-11.24
285.00	2.32	2.56	3.34	0.99	0.68	2.43	2.22	1.44	-3.40	-8.79	-7.92	-6.26	-11.24
300.00	2.31	2.25	3.51	1.89	1.01	2.67	-0.05	-0.88	-7.14	-5.12	-5.82	-6.76	-11.24
315.00	2.30	2.07	3.69	2.30	-1.08	-0.30	0.01	-0.15	-3.94	-1.58	-3.20	-5.74	-11.24
330.00	2.35	1.97	4.18	3.25	-0.86	1.32	1.63	1.68	-0.99	-0.91	-3.02	-3.77	-11.24
345.00	2.39	2.09	4.69	3.99	1.26	4.47	3.28	2.98	1.17	-0.19	-2.21	-2.17	-11.24

5200MHz Composite Gain（3SS）(Ant1+ Ant2+ Ant3)													
Freq	5200.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-10.35	-10.27	-6.91	-5.53	-1.80	0.93	0.95	-0.09	-3.42	-5.28	-7.21	-8.28	-18.91
15.00	-10.44	-9.93	-8.18	-6.26	-2.21	0.64	0.42	-0.21	-3.74	-5.31	-8.20	-7.93	-18.91
30.00	-10.50	-9.65	-8.50	-6.81	-4.74	-1.40	-2.07	-2.26	-4.84	-5.48	-8.37	-7.44	-18.91
45.00	-10.47	-9.56	-8.74	-6.84	-6.69	-3.32	-2.95	-3.03	-5.40	-6.71	-9.52	-6.70	-18.91
60.00	-10.33	-9.98	-9.29	-6.25	-6.21	-5.14	-3.66	-4.93	-6.13	-5.87	-7.13	-6.67	-18.91
75.00	-10.20	-10.69	-9.23	-5.95	-4.79	-2.19	-2.61	-5.04	-6.80	-5.61	-5.75	-6.35	-18.91
90.00	-10.05	-11.34	-7.63	-5.41	-5.60	-2.70	-2.98	-4.55	-7.06	-5.62	-6.30	-6.20	-18.91
105.00	-10.03	-11.65	-6.97	-2.91	-2.04	-2.00	-2.27	-3.38	-7.51	-6.30	-8.56	-7.35	-18.91
120.00	-10.06	-11.49	-6.96	-2.37	-1.91	-1.71	-2.73	-3.90	-7.86	-6.52	-9.61	-8.34	-18.91
135.00	-10.14	-10.93	-7.14	-2.83	-2.14	-1.76	-2.80	-4.33	-7.19	-7.10	-9.15	-9.62	-18.91
150.00	-10.26	-10.38	-6.80	-2.65	-0.94	-0.52	-0.13	-3.65	-5.46	-6.76	-6.92	-10.41	-18.91
165.00	-10.22	-10.07	-6.77	-3.84	-2.28	-1.15	-0.09	-2.96	-6.46	-5.22	-6.72	-10.32	-18.91
180.00	-10.00	-10.43	-8.23	-5.86	-5.29	-3.45	-1.62	-4.68	-7.10	-5.26	-7.48	-11.44	-18.91
195.00	-9.84	-11.04	-9.44	-7.06	-4.71	-2.79	-2.10	-5.17	-5.96	-5.29	-7.66	-14.06	-18.91
210.00	-9.75	-10.30	-9.57	-6.31	-6.46	-8.93	-6.60	-8.72	-7.77	-7.09	-7.87	-13.65	-18.91
225.00	-9.84	-9.63	-8.40	-5.64	-7.46	-11.99	-7.84	-9.11	-9.93	-10.98	-11.09	-11.91	-18.91
240.00	-10.01	-9.56	-7.63	-4.74	-6.72	-10.24	-6.67	-6.50	-6.33	-8.45	-12.23	-10.74	-18.91

255.00	-10.16	-9.10	-7.03	-3.75	-4.01	-3.72	-3.97	-5.03	-6.18	-11.04	-11.43	-9.30	-18.91
270.00	-10.30	-8.56	-4.64	-3.27	-4.03	-3.40	-4.35	-3.74	-5.84	-11.08	-11.79	-9.61	-18.91
285.00	-10.24	-8.54	-3.40	-2.36	-4.06	-1.39	-1.49	-1.77	-5.13	-10.68	-10.88	-10.08	-18.91
300.00	-10.16	-9.05	-3.83	-2.16	-2.61	-0.24	-1.53	-2.05	-6.50	-8.98	-10.74	-10.21	-18.91
315.00	-10.15	-9.64	-4.64	-2.99	-2.91	-0.25	0.90	-0.38	-3.63	-6.39	-9.39	-10.16	-18.91
330.00	-10.07	-10.31	-5.46	-3.61	-2.39	1.38	2.39	1.01	-2.45	-4.92	-8.13	-9.83	-18.91
345.00	-10.14	-10.63	-5.94	-4.18	-1.81	1.95	1.87	0.59	-2.79	-5.56	-7.80	-9.20	-18.91

5200MHz Composite Gain（3SS）(Ant1+ Ant2+ Ant4)													
Freq	5200.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-0.02	0.21	1.61	0.38	-1.61	1.31	-0.33	0.23	-0.85	-2.33	-4.10	-5.38	-15.81
15.00	-0.04	0.23	0.87	-0.64	-0.54	2.04	0.61	1.20	-0.52	-2.04	-4.47	-5.37	-15.81
30.00	-0.07	-0.02	-0.36	-1.61	-1.86	-0.10	-1.57	-0.54	-2.26	-2.39	-4.72	-5.32	-15.81
45.00	-0.05	-0.46	-1.61	-2.67	-4.31	-2.48	-2.72	-2.54	-3.76	-3.93	-7.05	-4.69	-15.81
60.00	-0.02	-0.91	-2.99	-3.09	-5.47	-4.91	-3.78	-4.81	-4.86	-4.56	-6.48	-5.07	-15.81
75.00	0.04	-1.26	-4.00	-4.43	-4.36	-1.96	-2.64	-4.30	-5.74	-4.97	-4.99	-5.49	-15.81
90.00	0.02	-1.53	-4.52	-5.26	-4.88	-2.44	-2.77	-4.19	-5.96	-4.95	-5.34	-5.89	-15.81
105.00	0.04	-1.55	-4.46	-2.98	-1.75	-1.95	-2.09	-3.16	-7.00	-5.78	-6.98	-7.15	-15.81
120.00	0.02	-1.27	-3.96	-2.62	-1.81	-1.67	-2.65	-3.77	-6.90	-5.95	-7.39	-7.88	-15.81
135.	-	-	-	-	-	-	-	-	-	-	-	-	-

00	0.01	0.78	2.75	2.71	1.83	1.67	2.80	3.80	5.19	5.53	6.89	8.03	15.81
150.00	0.01	-0.17	-0.90	-1.32	-0.01	-0.06	0.23	-2.01	-2.59	-4.15	-5.32	-7.93	-15.81
165.00	0.03	0.31	0.55	-0.66	-0.26	0.15	1.18	0.34	-1.75	-3.04	-4.75	-7.61	-15.81
180.00	0.02	0.64	1.01	-0.97	-1.90	-0.59	0.40	0.97	-0.84	-2.52	-5.47	-8.10	-15.81
195.00	0.06	0.70	0.44	-2.63	-2.71	-0.61	-0.28	-0.04	-1.57	-3.38	-6.52	-9.09	-15.81
210.00	0.05	0.66	-0.84	-4.11	-5.75	-6.16	-4.13	-4.10	-4.80	-5.03	-6.89	-9.41	-15.81
225.00	-0.01	0.45	-1.77	-5.38	-7.41	-8.30	-5.52	-7.01	-8.90	-10.11	-10.42	-9.92	-15.81
240.00	-0.01	0.09	-2.37	-5.16	-6.23	-6.41	-4.18	-5.74	-7.26	-10.75	-11.62	-9.43	-15.81
255.00	-0.03	-0.16	-2.90	-4.59	-3.94	-3.03	-2.77	-5.01	-6.39	-11.88	-10.59	-8.96	-15.81
270.00	-0.01	-0.38	-2.16	-4.28	-3.87	-3.27	-4.08	-3.96	-6.42	-11.43	-12.08	-9.72	-15.81
285.00	-0.03	-0.54	-1.32	-3.19	-3.97	-2.16	-2.21	-2.73	-7.66	-13.23	-12.64	-10.22	-15.81
300.00	-0.05	-0.66	-1.04	-2.58	-3.52	-1.95	-4.75	-5.65	-11.51	-9.51	-10.32	-11.02	-15.81
315.00	-0.05	-0.58	-0.50	-2.38	-5.49	-4.52	-4.06	-4.60	-7.87	-5.89	-7.55	-10.28	-15.81
330.00	-0.03	-0.35	0.56	-0.99	-5.36	-3.22	-1.89	-2.17	-4.85	-4.53	-7.09	-8.42	-15.81
345.00	-0.02	-0.02	1.45	0.34	-3.46	-0.29	-1.44	-1.53	-2.25	-3.10	-5.70	-6.58	-15.81

Ant1													
Freq	5300.00												
Phi\ Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-9.65	-11.11	-14.04	-10.61	-3	-3.5	-2.75	-6.52	-9.3	-9.1	-8.22	-6.2	-18.95
15.0	-	-	-	-	-	-	-	-	-	-	-	-	-

0	9.49	10.36	14.98	11.7	1.84	0.78	0.97	2.01	7.91	13.65	10.71	5.72	18.95
30.00	-9.38	-10.15	-12.11	-8.28	-8.56	-7.14	-20.23	-12.23	-10.54	-12.79	-12.43	-6	-18.95
45.00	-9.3	-10.86	-10.89	-7.47	-10.48	-11.34	-10.15	-9.23	-8.54	-14.91	-19.01	-5.49	-18.95
60.00	-9.42	-11.56	-9.97	-5.09	-5.2	-7.89	-5.35	-7.67	-9.51	-6.35	-10.09	-5.66	-18.95
75.00	-9.5	-11.54	-9.04	-4.74	-3.04	-0.48	-0.97	-4.18	-15.81	-6.21	-7.64	-5.14	-18.95
90.00	-9.41	-11.31	-7.29	-3.17	-3.94	-1.32	-1.09	-4.23	-9.05	-10.8	-9.27	-5.34	-18.95
105.00	-9.39	-10.98	-7.24	-1.63	0.09	0.03	-1.37	-3.51	-9.34	-11.36	-13.37	-7.78	-18.95
120.00	-9.35	-10.72	-9.55	-2.79	-1.47	-1.08	-4.29	-5.49	-8.59	-10.48	-10.6	-8.69	-18.95
135.00	-9.27	-10.41	-11.94	-4.67	-2.19	-2.36	-3.08	-4.93	-6.5	-6.02	-7.34	-9.07	-18.95
150.00	-9.39	-9.67	-10.46	-4.9	-1.79	0.09	1.37	-2.87	-4.88	-3.53	-5.5	-8.41	-18.95
165.00	-9.55	-8.72	-9.35	-6.73	-3.31	0.08	2.03	-1.42	-4.68	-2.36	-4.35	-7.43	-18.95
180.00	-9.44	-8.27	-9.02	-7.03	-5.4	-3.22	-0.18	-2.34	-4.74	-2.25	-4.19	-8.39	-18.95
195.00	-9.44	-8.97	-8.59	-6.34	-5.75	-10.45	-3.13	-5.57	-4.26	-3.35	-4.3	-11.36	-18.95
210.00	-9.33	-9.85	-8.06	-3.99	-5.01	-14.17	-5.3	-7.52	-6.62	-6.36	-4.37	-11.64	-18.95
225.00	-9.49	-9.37	-5.93	-3.23	-4.24	-10.77	-6.15	-4.82	-7.24	-10.27	-7.97	-10.51	-18.95
240.00	-9.51	-9.25	-4.52	-2.29	-4.37	-8.46	-5.4	-3.7	-6.12	-11.36	-9.51	-11.21	-18.95
255.00	-9.55	-9.63	-4.73	-3.14	-4.38	-6	-5.17	-4.29	-4.68	-11.82	-10.35	-13.53	-18.95
270.00	-9.68	-9.34	-4.82	-4.28	-6.88	-6.68	-4.57	-2.11	-5.22	-9.47	-13.02	-18.92	-18.95
285.00	-9.53	-9.38	-3.88	-3.13	-6.92	-4.3	-1.79	-1.44	-5.88	-11.58	-12.86	-18.95	-18.95
300.	-	-	-	-	-	-	-	-	-	-	-	-	-

00	9.37	10.63	4.01	2.68	4.22	2.91	4.48	6.19	9.8	9.06	13.43	17.56	18.95
315.00	-9.52	-12.47	-5.52	-4.93	-8.41	-7.13	-2.91	-3.42	-6.28	-6.51	-11.31	-15.22	-18.95
330.00	-9.55	-14.08	-7.98	-8.28	-9.26	-3.16	1.03	0.14	-5.41	-5.26	-11.1	-10.84	-18.95
345.00	-9.51	-13.04	-10.9	-9.05	-5.8	-1.28	-0.25	-1.97	-5.83	-8.41	-9.29	-8.33	-18.95

Ant2													
Freq	5300.00												
Phi\ Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-14.82	-13.36	-3.97	-3.44	-2.7	0.01	-2.33	-4.19	-6.37	-8.02	-15.49	-8.82	-15.16
15.00	-15.27	-12.87	-6.06	-4.38	-2.38	1.11	0.05	-2.32	-4.88	-4.1	-11.41	-7.24	-15.16
30.00	-15.69	-11.51	-8.09	-4.52	-2.13	1.89	1.41	-0.15	-3.53	-2.47	-7.48	-5.38	-15.16
45.00	-15.83	-10.32	-10.86	-4.58	-3.6	0.8	1.42	0.46	-3.26	-2.64	-6.22	-4.35	-15.16
60.00	-15.65	-9.95	-13.2	-7.48	-5.52	-1.39	-0.18	-1.41	-2.55	-2.89	-3.95	-4.13	-15.16
75.00	-15.33	-9.84	-14.1	-7.19	-7.82	-2.22	-2.16	-3.15	-2.57	-3.18	-2.08	-3.81	-15.16
90.00	-14.96	-10.42	-10.54	-5.68	-4.25	-1.43	-1.88	-1.79	-3.03	-1.29	-2.71	-3.83	-15.16
105.00	-14.92	-11.64	-7.34	-3.36	-1.57	-1.52	0.08	-0.66	-3.56	-1.42	-4.26	-4.82	-15.16
120.00	-14.81	-12.52	-5.48	-1.03	0.2	-0.2	1.54	-0.01	-3.68	-2.35	-5.62	-5.53	-15.16
135.00	-15.28	-12.63	-4.02	0.9	1.61	2.45	2.24	0.38	-3.23	-3.93	-6.72	-6.29	-15.16
150.00	-15.48	-12.1	-2.84	1.93	2.69	2.6	2.15	-1.06	-2.4	-7.54	-5.03	-8.65	-15.16
165.00	-15.43	-12.19	-2.64	0.84	1.93	0.89	0.99	-1.18	-4.04	-8.48	-6.11	-11.8	-15.16
180.00	-14.75	-12.34	-4.24	-2.68	-2.06	-2.56	-0.49	-5.21	-11.04	-14.75	-9.07	-15.16	-15.16

195.00	-14.21	-11.4	-6.79	-6.65	-1.33	2.19	2.03	-1.27	-12.07	-9.78	-10.05	-14.4	-15.16
210.00	-13.8	-10.08	-9.56	-9.52	-4.57	-3.48	-4.83	-4.28	-11.36	-8.74	-9.85	-13.48	-15.16
225.00	-13.94	-8.91	-9.69	-11.51	-11.45	-8.8	-12.15	-17.19	-13.63	-15.33	-14.23	-9.33	-15.16
240.00	-14.33	-7.8	-10.55	-6.59	-6.6	-7.26	-9.67	-7.59	-5.28	-8.57	-17.71	-6.39	-15.16
255.00	-14.21	-7.17	-9.11	-3.69	-0.9	0.9	-0.46	-3.23	-6.01	-10.92	-13.45	-4.25	-15.16
270.00	-14.61	-7.48	-5.03	-3.39	-0.95	0.46	-3.36	-5.99	-7.21	-13.47	-12.63	-4.42	-15.16
285.00	-14.51	-8.15	-2.02	-0.57	-1.16	1.08	-0.71	-2.01	-9.96	-15.61	-13.32	-6.16	-15.16
300.00	-14.49	-9.07	-1.57	0.03	-0.43	0.66	-3.55	-5.31	-14.53	-14	-13.24	-7.04	-15.16
315.00	-14.34	-10.03	-2.97	-1.76	-2.31	-0.68	-5.99	-5.59	-14.4	-11.01	-11.34	-7.28	-15.16
330.00	-14.45	-11.45	-3.13	-1.8	-2.4	-0.88	-4.99	-6.34	-14.21	-18.71	-13.87	-8.42	-15.16
345.00	-14.13	-12.53	-2.98	-1.78	-1.94	0.5	-1.99	-4.06	-10.3	-13.84	-19.53	-9.71	-15.16

Ant3													
Freq	5300.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-12.05	-11.14	-9.01	-5.18	0.08	4.04	4.65	4.17	0.64	-1.08	-6.42	-13.63	-22.71
15.00	-12.25	-10.58	-10.97	-6.8	-1.72	1.84	2.82	2.8	-0.8	-2.27	-8.21	-14.7	-22.71
30.00	-12.27	-10.02	-12.44	-7.93	-4.16	-0.23	0.28	0.67	-3.08	-4.25	-10.75	-14.66	-22.71
45.00	-11.97	-9.66	-10.45	-8.57	-6.44	-3.24	-2.49	-1.85	-5.35	-7.04	-12.02	-16.24	-22.71
60.00	-11.93	-9.97	-9.83	-11.61	-8.17	-6.13	-6.02	-3.93	-8.46	-9.95	-12.16	-19.12	-22.71
75.0	-	-	-	-	-	-	-	-	-	-	-	-	-

0	11.67	10.82	10.07	13.58	12.14	9.44	9.2	8.09	8.9	9.43	13.62	18.71	22.71
90.00	-11.54	-11.7	-9.44	-12.52	-11.36	-11.28	-13.56	-8.6	-12.3	-9.31	-13.19	-12.79	-22.71
105.00	-11.56	-12.25	-9.56	-9.92	-16.72	-11.7	-14.88	-10.42	-13.55	-14.13	-12.91	-10.95	-22.71
120.00	-11.36	-12.17	-10.22	-7.71	-21	-21.8	-13.15	-11.42	-10.38	-10.29	-18.24	-11.09	-22.71
135.00	-11.08	-12.26	-10.34	-9.98	-18.49	-14.26	-16.84	-15.34	-16.69	-10.96	-20.85	-13.23	-22.71
150.00	-10.82	-12.52	-11.63	-18.88	-23.59	-15.94	-10.51	-13.03	-10.44	-14.67	-16.66	-14.28	-22.71
165.00	-10.79	-13.42	-13.53	-14.29	-17.79	-17	-11.4	-11.87	-9.38	-10.81	-17.12	-15.15	-22.71
180.00	-10.99	-15.37	-16.44	-11.66	-12.31	-15.53	-9.07	-12.26	-8.46	-8.76	-15.55	-18.6	-22.71
195.00	-11.08	-17.81	-19.71	-9.58	-9.19	-16.77	-8.13	-11.63	-6.25	-9.07	-15.12	-22.71	-22.71
210.00	-10.92	-22.16	-17.93	-7.83	-7.62	-12.3	-8.56	-11.37	-7.12	-11.38	-19.31	-19.22	-22.71
225.00	-10.93	-22.22	-15.83	-7.29	-8.56	-10.29	-7.29	-19.54	-9.17	-10.59	-16.11	-15.59	-22.71
240.00	-10.9	-16.05	-10.88	-7.37	-11.8	-12	-9.84	-12.76	-5.25	-7.51	-14.11	-14.23	-22.71
255.00	-11.1	-12.28	-7.4	-5.17	-10.37	-10.2	-10.9	-9.04	-9.09	-14.21	-10.24	-12.4	-22.71
270.00	-11.44	-10.28	-6.31	-4.55	-7.6	-4.73	-9.35	-6.67	-6.78	-12.95	-8.67	-10.97	-22.71
285.00	-11.69	-9.69	-7.41	-5.03	-4.2	-0.4	-3.25	-2.17	-4.19	-9.55	-8.76	-10.33	-22.71
300.00	-11.73	-9.76	-8.4	-4.84	-1.5	1.73	1.56	1.26	-3.52	-7.01	-9.01	-9.52	-22.71
315.00	-11.78	-10.09	-7.78	-3.52	0.4	4.28	4.55	3.29	-0.53	-4.43	-6.66	-10.15	-22.71
330.00	-12.03	-10.39	-7.68	-3.27	1.21	5.74	5.4	4.25	1.21	-1.12	-5.14	-12.29	-22.71
345.00	-12.07	-10.57	-8.04	-3.66	1.01	5.53	5.43	4.67	1.19	-0.67	-5.19	-11.86	-22.71

Ant4													
Freq	5300.00												
Phi\ Theta	**0.00**	**15.00**	**30.00**	**45.00**	**60.00**	**75.00**	**90.00**	**105.00**	**120.00**	**135.00**	**150.00**	**165.00**	**180.00**
0.00	1.02	2.36	4.3	4.09	-2.42	2.88	1.58	1.89	1.36	0.66	-1.97	-4.53	-15.52
15.00	1	2.07	3.55	2.68	-0.87	2.95	1.52	2.67	1.61	0.23	-2.72	-5.32	-15.52
30.00	0.96	1.56	2.12	0.8	-1.31	0.56	-0.88	1.15	-0.25	-1.21	-3.71	-5.65	-15.52
45.00	0.99	0.99	0.22	-1.04	-3.88	-3.15	-4.05	-2.88	-3.25	-3.49	-6.97	-5.5	-15.52
60.00	0.92	0.31	-1.38	-2.49	-8.06	-7.8	-7.36	-6.81	-6.05	-5.99	-10.65	-7.5	-15.52
75.00	0.93	-0.26	-2.88	-5.62	-10.42	-8.93	-11.11	-6.62	-7.36	-8.45	-10.7	-10.98	-15.52
90.00	0.99	-0.66	-4.77	-11.71	-10	-8.54	-12.47	-8.04	-8.45	-8.86	-9.78	-14.5	-15.52
105.00	1.09	-0.7	-5.66	-16.16	-10.44	-10.59	-11.74	-9.1	-8.88	-10.95	-9.45	-15.52	-15.52
120.00	1.16	-0.42	-4.8	-16.25	-13.18	-12.71	-11.87	-10.79	-9.04	-10.47	-8.98	-12.91	-15.52
135.00	1.19	0.19	-2.69	-13.84	-10.18	-19.05	-18.11	-12.28	-7.52	-7.91	-8.6	-10.43	-15.52
150.00	1.14	0.81	-0.26	-5.55	-4.41	-8.77	-8.58	-5.35	-3.32	-4.97	-7.79	-9	-15.52
165.00	1.07	1.37	1.77	-0.69	-1.74	-2.42	-1.63	0.24	-0.51	-3.81	-6.31	-8.39	-15.52
180.00	1.04	1.74	2.74	0.94	-1.96	0.09	0.01	2.57	1.08	-2.39	-6.25	-8.72	-15.52
195.00	1.09	1.87	2.7	0.34	-5.05	-0.36	-1.1	1.43	0.22	-3.49	-9.45	-8.33	-15.52
210.00	1.19	1.73	1.83	-1.29	-12.4	-5.18	-3.43	-2.94	-3.61	-5.38	-11.41	-8.27	-15.52
225.00	1.24	1.48	0.72	-4.9	-12.13	-6.66	-5.16	-7.28	-9.72	-10.03	-15.48	-10.23	-15.52
240.	1	1	-	-	-	-	-	-	-	-	-	-	-

00	.26	.2	0.59	10.06	9.61	4.4	4.46	8.28	13.17	14.21	16.9	10.61	15.52
255.00	1.23	1	-1.69	-13.28	-9.64	-5.09	-4.78	-7.92	-12.22	-13.45	-12.58	-11.71	-15.52
270.00	1.08	1	-1.65	-9.92	-8.9	-6.51	-6.69	-9.27	-10.66	-15.7	-11.58	-13.47	-15.52
285.00	1	1.03	-1.31	-9.18	-8.67	-6.57	-7.85	-10.96	-11.43	-19.22	-14.75	-11.06	-15.52
300.00	0.99	1.2	-0.59	-6.27	-8.98	-8.35	-8.27	-7.84	-13.96	-9.21	-9.22	-11.92	-15.52
315.00	1.05	1.53	1.2	-1.85	-10.61	-12.98	-13.87	-10.46	-11.39	-4.78	-6.23	-10.94	-15.52
330.00	1.04	1.98	2.93	1.66	-8.55	-8.32	-11.91	-7.14	-3.99	-3.19	-5.26	-7.8	-15.52
345.00	1.09	2.31	4.08	3.71	-4.99	-1.1	-1.62	-1.28	-0.51	0.02	-3.12	-5.25	-15.52

5300MHz Composite Gain（1SS）(Ant1+ Ant2+ Ant3)													
Freq	5300.00												
Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
0.00	-7.15	-7.04	-3.29	-1.14	3.01	5.50	5.34	3.87	0.80	-0.52	-4.48	-4.26	-13.63
15.00	-7.25	-6.43	-5.14	-2.35	2.80	5.56	5.56	4.59	0.73	-0.68	-5.23	-3.66	-13.63
30.00	-7.30	-5.76	-5.87	-1.97	0.21	3.71	2.49	2.49	-0.34	-0.72	-5.20	-3.01	-13.63
45.00	-7.20	-5.49	-5.96	-1.93	-1.63	1.49	2.23	2.11	-0.68	-2.09	-6.17	-2.55	-13.63
60.00	-7.20	-5.69	-6.10	-2.89	-1.43	0.08	1.33	0.80	-1.50	-1.15	-3.23	-2.81	-13.63
75.00	-7.07	-5.93	-6.04	-3.00	-2.11	1.50	1.34	-0.12	-2.73	-1.13	-1.78	-2.40	-13.63
90.00	-6.91	-6.36	-4.21	-1.54	-1.14	1.16	0.79	0.33	-2.49	-1.29	-2.53	-1.77	-13.63
105.00	-6.90	-6.84	-3.21	0.46	1.21	1.69	1.44	0.78	-3.08	-2.39	-4.32	-2.72	-13.63
120.00	-6.79	-7.00	-3.38	1.36	1.06	0.99	1.35	0.33	-2.30	-2.05	-5.30	-3.37	-13.63

135.00	-6.76	-6.94	-3.29	1.29	1.67	2.39	1.84	0.25	-2.43	-1.73	-4.93	-4.31	-13.63
150.00	-6.76	-6.57	-2.61	0.95	2.25	3.25	4.02	0.46	-0.53	-2.69	-2.92	-5.29	-13.63
165.00	-6.81	-6.44	-2.56	0.12	1.51	2.30	3.70	1.15	-0.96	-1.68	-2.90	-6.11	-13.63
180.00	-6.68	-6.73	-3.80	-1.60	-0.86	-0.68	2.37	-0.93	-2.92	-2.36	-3.66	-8.21	-13.63
195.00	-6.59	-7.23	-5.37	-2.63	-0.06	0.00	2.66	-0.41	-2.17	-2.12	-3.95	-10.22	-13.63
210.00	-6.39	-7.71	-6.13	-2.03	-0.86	-3.88	-1.31	-2.48	-3.35	-3.82	-4.48	-9.46	-13.63
225.00	-6.49	-6.97	-4.82	-1.93	-2.80	-5.14	-3.40	-6.52	-4.85	-7.01	-7.27	-6.65	-13.63
240.00	-6.58	-5.59	-3.36	-0.35	-2.30	-4.25	-3.28	-2.49	-0.77	-4.23	-8.36	-5.23	-13.63
255.00	-6.64	-4.67	-2.12	0.81	0.38	0.89	0.26	-0.41	-1.63	-7.44	-6.45	-4.24	-13.63
270.00	-6.91	-4.18	-0.59	0.71	0.17	1.66	-0.63	0.09	-1.59	-7.00	-6.44	-4.80	-13.63
285.00	-6.90	-4.28	0.61	2.05	1.00	3.85	2.92	2.90	-1.58	-7.13	-6.62	-5.60	-13.63
300.00	-6.84	-5.03	0.55	2.50	2.86	4.81	3.04	2.03	-3.35	-4.79	-6.87	-5.58	-13.63
315.00	-6.89	-6.02	-0.43	1.47	2.05	4.78	4.49	3.73	-0.60	-2.13	-4.71	-5.53	-13.63
330.00	-7.01	-7.07	-1.19	0.73	2.28	6.20	6.24	5.14	0.71	-1.02	-4.48	-5.60	-13.63
345.00	-6.93	-7.21	-1.90	0.45	2.96	6.85	6.44	5.16	1.09	-1.20	-4.78	-5.08	-13.63

5300MHz Composite Gain（1SS）(Ant1+ Ant2+ Ant4)													
Freq	5300.00												
Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
0.00	-0.50	0.36	3.09	3.42	2.07	4.95	3.83	2.59	1.22	0.46	-2.14	-1.57	-11.61
15.00	-	0	2	2	3	6	5	4	1	0.	-	-	-

	0.53	.33	.00	.18	.10	.00	.03	.53	.98	61	2.55	1.28	11.61
30.00	-0.58	0.20	0.89	1.57	1.32	4.01	1.99	2.72	0.96	0.58	-2.40	-0.90	-11.61
45.00	-0.55	-0.10	-0.70	0.81	-0.69	1.52	1.74	1.75	0.08	-0.76	-4.36	-0.33	-11.61
60.00	-0.61	-0.59	-1.92	-0.01	-1.40	-0.36	1.02	-0.06	-0.81	-0.16	-2.90	-0.88	-11.61
75.00	-0.59	-0.92	-2.71	-1.02	-1.77	1.58	1.04	0.24	-2.27	-0.91	-1.29	-1.36	-11.61
90.00	-0.49	-1.25	-2.45	-1.40	-0.88	1.60	0.92	0.45	-1.63	-1.19	-1.85	-2.02	-11.61
105.00	-0.41	-1.44	-1.94	-0.35	1.86	1.83	1.76	1.01	-2.07	-1.83	-3.45	-3.56	-11.61
120.00	-0.34	-1.36	-1.60	0.18	1.62	1.64	1.50	0.43	-1.97	-2.09	-3.38	-3.76	-11.61
135.00	-0.35	-0.92	-0.60	0.79	2.43	2.08	1.76	0.59	-0.78	-1.03	-2.75	-3.65	-11.61
150.00	-0.43	-0.29	1.21	2.63	4.11	3.93	4.25	1.85	1.30	-0.42	-1.25	-3.91	-11.61
165.00	-0.51	0.25	2.48	3.14	4.02	4.40	5.37	4.02	1.90	0.26	-0.77	-4.24	-11.61
180.00	-0.43	0.57	2.61	2.44	1.77	3.00	4.55	3.72	1.22	-0.09	-1.51	-5.48	-11.61
195.00	-0.34	0.64	2.05	1.19	0.95	3.35	4.30	3.43	0.75	-0.30	-2.76	-6.24	-11.61
210.00	-0.20	0.60	1.09	0.47	-1.90	-1.75	0.29	0.06	-1.87	-1.94	-3.22	-6.09	-11.61
225.00	-0.21	0.73	0.89	-1.11	-3.72	-3.81	-2.55	-3.60	-5.04	-6.79	-7.13	-5.24	-11.61
240.00	-0.25	0.81	0.46	-0.96	-1.83	-1.76	-1.46	-1.51	-2.78	-6.31	-9.10	-4.36	-11.61
255.00	-0.27	0.76	0.11	-0.87	-0.50	1.95	1.58	-0.15	-2.30	-7.23	-7.26	-4.08	-11.61
270.00	-0.44	0.74	1.08	-0.65	-0.12	1.21	0.00	-0.53	-2.64	-7.72	-7.62	-5.43	-11.61
285.00	-0.45	0.60	2.43	1.17	-0.19	2.12	1.84	0.91	-3.99	-10.14	-8.84	-5.83	-11.61
300.0	-	0	2	2	0	1	-	-	-	-	-	-	-

0	0.43	.31	.83	.17	.91	.98	0.43	1.61	7.72	5.70	6.97	6.38	11.61
315.00	-0.40	0.07	2.79	2.04	-1.60	-0.75	-1.73	-1.25	-5.26	-2.29	-4.51	-5.79	-11.61
330.00	-0.42	-0.05	3.18	2.87	-1.39	1.17	1.00	0.97	-2.08	-2.14	-4.54	-4.15	-11.61
345.00	-0.34	0.16	3.51	3.86	0.69	4.18	3.52	2.41	0.14	-0.77	-3.58	-2.79	-11.61

5300MHz Composite Gain（3SS）(Ant1+ Ant2+ Ant3)													
Freq	5300.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-11.68	-11.75	-7.24	-5.51	-1.64	1.23	1.29	0.30	-2.99	-4.52	-8.68	-8.60	-17.91
15.00	-11.72	-11.13	-9.21	-6.70	-1.97	0.86	0.94	0.17	-3.57	-4.66	-9.88	-7.86	-17.91
30.00	-11.73	-10.51	-10.40	-6.56	-4.22	-0.48	-0.86	-1.36	-4.67	-4.79	-9.72	-7.17	-17.91
45.00	-11.61	-10.25	-10.73	-6.53	-6.00	-2.34	-1.66	-2.02	-5.21	-5.88	-9.80	-6.49	-17.91
60.00	-11.64	-10.43	-10.75	-7.31	-6.11	-4.23	-3.01	-3.64	-5.68	-5.49	-7.28	-6.51	-17.91
75.00	-11.56	-10.68	-10.59	-7.21	-6.18	-2.71	-2.93	-4.68	-6.27	-5.56	-5.55	-6.10	-17.91
90.00	-11.41	-11.11	-8.87	-5.70	-5.46	-2.92	-3.10	-4.06	-6.44	-5.02	-6.31	-5.97	-17.91
105.00	-11.40	-11.59	-7.92	-3.80	-2.37	-2.27	-2.27	-3.32	-6.98	-5.57	-8.03	-7.16	-17.91
120.00	-11.30	-11.73	-7.88	-3.06	-2.30	-2.36	-2.11	-3.46	-6.59	-5.93	-9.02	-7.84	-17.91
135.00	-11.23	-11.65	-7.35	-2.54	-1.62	-1.01	-1.37	-3.18	-6.19	-6.11	-8.69	-8.68	-17.91
150.00	-11.23	-11.24	-6.45	-1.99	-0.75	-0.20	0.14	-3.47	-4.81	-6.62	-6.87	-9.75	-17.91
165.00	-11.29	-10.97	-6.29	-3.12	-1.67	-1.22	-0.11	-2.87	-5.48	-5.71	-6.77	-10.34	-17.91
180.00	-11.21	-11.04	-7.57	-5.71	-4.91	-4.52	-1.81	-5.02	-7.31	-5.95	-7.51	-12.00	-17.91

195.00	-11.16	-11.43	-9.23	-7.30	-4.27	-2.30	-1.28	-4.39	-6.48	-6.37	-7.77	-14.17	-17.91
210.00	-10.98	-11.60	-10.25	-6.47	-5.54	-7.40	-5.94	-6.82	-7.91	-8.36	-7.95	-13.79	-17.91
225.00	-11.09	-10.79	-8.87	-6.12	-7.08	-9.87	-7.87	-9.21	-9.29	-11.54	-11.31	-11.09	-17.91
240.00	-11.15	-9.86	-7.59	-4.80	-6.64	-8.82	-7.78	-6.62	-5.53	-8.87	-12.53	-9.42	-17.91
255.00	-11.22	-9.21	-6.70	-3.92	-3.74	-2.79	-3.68	-4.89	-6.23	-12.11	-11.12	-7.98	-17.91
270.00	-11.47	-8.87	-5.34	-4.04	-4.04	-2.56	-5.10	-4.43	-6.32	-11.58	-10.96	-8.20	-17.91
285.00	-11.46	-9.02	-3.91	-2.52	-3.47	-0.68	-1.79	-1.86	-6.08	-11.59	-11.13	-9.36	-17.91
300.00	-11.38	-9.77	-3.84	-2.04	-1.78	0.23	-1.29	-2.05	-7.10	-9.17	-11.38	-9.63	-17.91
315.00	-11.45	-10.72	-4.99	-3.21	-2.15	0.94	0.81	-0.20	-4.14	-6.55	-9.17	-9.81	-17.91
330.00	-11.56	-11.72	-5.65	-3.70	-1.73	2.26	2.26	1.17	-2.60	-4.42	-8.49	-10.22	-17.91
345.00	-11.49	-11.91	-6.07	-3.91	-1.42	2.58	2.28	1.20	-2.54	-4.59	-8.42	-9.73	-17.91

5300MHz Composite Gain（3SS）(Ant1+ Ant2+ Ant4)													
Freq	5300.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-3.29	-2.11	0.19	0.15	-2.70	0.53	-0.70	-1.45	-2.43	-3.17	-5.66	-6.18	-16.24
15.00	-3.31	-2.33	-0.72	-1.18	-1.65	1.36	0.32	0.09	-1.90	-3.05	-6.37	-6.02	-16.24
30.00	-3.34	-2.73	-2.11	-2.46	-3.04	-0.18	-1.33	-1.10	-3.08	-3.39	-6.57	-5.67	-16.24
45.00	-3.31	-3.21	-3.92	-3.58	-5.06	-2.32	-2.04	-2.35	-4.42	-4.67	-8.22	-5.08	-16.24
60.00	-3.38	-3.82	-5.34	-4.55	-6.09	-4.54	-3.20	-4.35	-5.15	-4.78	-7.09	-5.55	-16.24
75.0	-	-	-	-	-	-	-	-	-	-	-	-	-

0	3.37	4.30	6.45	5.74	6.01	2.67	3.05	4.42	5.94	5.41	5.34	5.73	16.24
90.00	-3.30	-4.67	-6.93	-5.63	-5.33	-2.74	-3.06	-3.99	-5.93	-4.97	-5.97	-6.07	-16.24
105.00	-3.21	-4.77	-6.68	-4.08	-2.20	-2.22	-2.18	-3.22	-6.41	-5.35	-7.49	-7.57	-16.24
120.00	-3.14	-4.57	-6.17	-3.50	-2.20	-2.25	-2.07	-3.42	-6.37	-5.96	-7.89	-8.08	-16.24
135.00	-3.12	-4.01	-4.78	-2.70	-1.45	-1.06	-1.38	-3.09	-5.35	-5.65	-7.48	-8.24	-16.24
150.00	-3.18	-3.39	-2.86	-1.42	-0.17	-0.04	0.21	-2.75	-3.42	-5.05	-5.95	-8.68	-16.24
165.00	-3.25	-2.82	-1.42	-1.19	-0.46	-0.27	0.72	-0.72	-2.67	-4.21	-5.50	-8.84	-16.24
180.00	-3.25	-2.47	-1.00	-1.81	-2.87	-1.65	-0.22	-0.47	-2.47	-3.96	-6.07	-9.86	-16.24
195.00	-3.20	-2.37	-1.33	-2.92	-3.58	-0.51	-0.21	-0.94	-3.04	-4.71	-7.11	-10.68	-16.24
210.00	-3.09	-2.49	-2.24	-3.79	-6.18	-5.79	-4.45	-4.52	-6.16	-6.61	-7.44	-10.58	-16.24
225.00	-3.06	-2.60	-2.89	-5.38	-7.70	-8.42	-6.93	-7.48	-9.47	-11.30	-11.24	-9.99	-16.24
240.00	-3.05	-2.72	-3.58	-5.19	-6.36	-6.36	-6.00	-6.02	-7.07	-10.79	-13.03	-8.84	-16.24
255.00	-3.08	-2.84	-4.21	-4.95	-3.68	-2.24	-2.91	-4.73	-6.64	-11.94	-11.92	-7.89	-16.24
270.00	-3.23	-2.86	-3.54	-5.07	-4.21	-2.87	-4.67	-4.84	-7.16	-12.10	-12.37	-8.55	-16.24
285.00	-3.29	-2.91	-2.27	-3.06	-4.34	-2.04	-2.53	-3.23	-8.43	-14.40	-13.57	-9.54	-16.24
300.00	-3.29	-2.93	-1.83	-2.26	-3.28	-2.17	-5.01	-6.32	-12.22	-10.24	-11.50	-10.31	-16.24
315.00	-3.24	-2.79	-1.54	-2.62	-5.64	-4.36	-5.72	-5.63	-9.40	-6.74	-8.91	-10.03	-16.24
330.00	-3.26	-2.50	-0.61	-1.20	-5.56	-3.17	-2.60	-3.13	-6.17	-5.79	-8.58	-8.84	-16.24
345.00	-3.20	-2.20	0.20	0.20	-3.91	-0.55	-1.22	-2.28	-3.82	-4.02	-6.87	-7.35	-16.24

Ant1													
Freq	5600.00												
Phi\ Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-10.25	-12.73	-20.95	-12.22	-6.32	-5.07	-7.58	-10.63	-9.21	-6.8	-8.93	-7.1	-17.65
15.00	-10.4	-11.8	-22.89	-9.24	-5.12	-3.02	-2.73	-3.67	-8.29	-9.42	-9.59	-6.86	-17.65
30.00	-10.4	-10.83	-23.55	-8.03	-7.85	-5.2	-10.46	-11.63	-10.21	-9.36	-12.72	-6.15	-17.65
45.00	-10.2	-9.83	-20.06	-8.59	-8.02	-9.82	-10.48	-9.35	-10.27	-10	-16.23	-5.25	-17.65
60.00	-10.3	-9.63	-10.53	-8.45	-6.3	-8.37	-6.59	-8.28	-9.82	-4.6	-6.7	-5.97	-17.65
75.00	-10.53	-10.45	-7.38	-5.33	-4.96	-2.83	-5.04	-6.61	-14.94	-6.29	-6.32	-6.13	-17.65
90.00	-10.63	-12.37	-6.23	-2.72	-1.71	-0.35	-0.78	-1.49	-7.83	-10.61	-11.34	-7.28	-17.65
105.00	-10.64	-13.63	-8.31	-3.6	-2.56	-1	-3.31	-5.42	-11.5	-10.63	-11	-9.59	-17.65
120.00	-10.57	-13.3	-9.91	-4.16	-3.01	-0.28	-0.84	-3.08	-3.7	-6.12	-6.83	-8.01	-17.65
135.00	-10.43	-12.23	-12.19	-7.15	-3.23	-0.43	-1.15	-2.29	-3.1	-4.31	-5.46	-6.4	-17.65
150.00	-10.6	-10.92	-10.84	-7.65	-2.35	-0.7	-2.57	-1.06	-0.62	-3.31	-4.94	-6.59	-17.65
165.00	-10.76	-9.89	-7.21	-6.97	-4.24	-0.97	-0.35	-2.96	-2.32	-2.91	-4.1	-6.44	-17.65
180.00	-10.96	-10.35	-5.54	-3.94	-9.41	-6.36	-0.3	-1.86	-1.5	-2.52	-3.27	-7.5	-17.65
195.00	-10.76	-11.78	-7.02	-3.83	-9.06	-8.02	-2.33	-1.74	-0.95	-2.43	-3.41	-7.74	-17.65
210.00	-10.7	-13.42	-9.81	-4.38	-6.12	-7.08	-6.03	-3.26	-3.78	-4.31	-4.01	-7.41	-17.65
225.00	-10.62	-14.64	-12.46	-4.12	-2.61	-3.38	-4.15	-4.04	-5.94	-8.14	-10.04	-7.2	-17.65
240.00	-10.49	-14.44	-12.41	-4.85	-2.93	-2.87	-2.53	-3.12	-6	-12.54	-9.71	-9.38	-17.65

255.00	-10.4	-13.35	-11.32	-5.44	-3.96	-2.91	-1.89	-3.01	-3.62	-12.17	-9.57	-9.74	-17.65
270.00	-10.54	-13.05	-10.47	-5.27	-2.93	-4.37	-2.81	-3.91	-2.91	-10.42	-10.8	-10.51	-17.65
285.00	-10.51	-13.36	-9.39	-6.17	-5.03	-2.29	-0.54	-0.94	-4.35	-10.85	-9.87	-12.95	-17.65
300.00	-10.52	-15.15	-8.05	-5.33	-6.36	-4.32	-3.14	-4.86	-10.78	-8.44	-12.14	-14.74	-17.65
315.00	-10.38	-17.85	-9.6	-6.21	-6.43	-7.43	-5.28	-4.81	-6.4	-8.2	-11.65	-17.65	-17.65
330.00	-10.2	-17.2	-13.08	-9.8	-16.84	-7.83	-1.29	-0.29	-5.2	-4.68	-11.69	-14.95	-17.65
345.00	-10.19	-14.93	-19.03	-9.42	-6.27	-1.49	-0.35	-0.63	-4.74	-5.11	-8.52	-10.28	-17.65

Ant2													
Freq	5600.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-15.22	-10.99	-7.6	-4.76	-4.58	-1.78	-3.33	-5.28	-8.84	-11.62	-12.31	-11.55	-13.61
15.00	-16.04	-12.07	-7.98	-2.83	-4.55	-0.04	-0.96	-1.48	-5.52	-6.53	-9.49	-12.16	-13.61
30.00	-15.43	-14.02	-11.39	-3.42	-6.16	-1.29	-1.33	-1.14	-5.25	-4.33	-8.84	-10.91	-13.61
45.00	-15.19	-15.15	-16.18	-6.34	-7.57	-2.95	-1.84	-1.77	-6.29	-5.3	-9.27	-9.55	-13.61
60.00	-14.94	-13.9	-16.46	-10.33	-8.36	-2	-1.62	-2.44	-4.66	-6.7	-9.1	-8.11	-13.61
75.00	-15.01	-12.29	-15.56	-11.4	-7.85	-2.75	-1.33	-2.67	-3.98	-6.75	-5.32	-6.94	-13.61
90.00	-15.11	-12.04	-12.53	-10.81	-7.78	-3.85	-2.47	-2.95	-5.82	-3.15	-5.12	-6.56	-13.61
105.00	-14.83	-12.27	-10.4	-7.93	-4.56	-2.52	-2.07	-2.27	-6.38	-3.32	-6.14	-6.84	-13.61
120.00	-15.04	-12.89	-9.03	-6.39	-5.17	-3.97	-1.29	-1.55	-5.61	-5.68	-8.24	-6.94	-13.61
135.	-	-	-	-	-	0	1	-	-	-	-	-	-

00	15.59	13.5	7.12	0.92	1.27	.88	.19	0.76	4.87	6.29	9.31	7.58	13.61
150.00	-15.37	-13.55	-5.65	1.31	0.89	2.82	0.31	-1.27	-3.54	-8.1	-7.05	-9.2	-13.61
165.00	-14.94	-12.81	-5.68	0.86	0.87	1.09	-2.02	-6.35	-8.69	-11.71	-7.76	-11.88	-13.61
180.00	-14.94	-12.46	-6.84	-0.97	-1.27	-2.28	-2.21	-5.58	-10.28	-19.18	-11.72	-13.58	-13.61
195.00	-14.67	-12.25	-9.45	-5.51	-4.83	-1.38	-0.4	-3.07	-18.01	-13.8	-11.37	-13.05	-13.61
210.00	-14.71	-11	-12.51	-10.77	-7.46	-4.3	-5.14	-4.63	-9.95	-10.05	-10.02	-13.61	-13.61
225.00	-14.52	-9.99	-11.87	-9.94	-9.62	-7.73	-15.47	-13.82	-15.27	-12.9	-12.45	-11.69	-13.61
240.00	-14.46	-10.17	-10.59	-9.46	-7.69	-9.56	-7.09	-10.01	-8.78	-10.06	-23.42	-9.25	-13.61
255.00	-15.14	-12.18	-9.23	-5.68	-4.76	-1.2	-3.77	-7.62	-12.01	-12.17	-18.21	-6.7	-13.61
270.00	-15.04	-13.32	-7.42	-2.97	-3.83	-1.63	-5.24	-9.42	-10.61	-14.79	-17.06	-5.69	-13.61
285.00	-15.83	-14.71	-5.53	-0.95	-1.78	-0.29	-2.86	-4.74	-16.78	-19.82	-14.61	-5.55	-13.61
300.00	-15.07	-14.07	-6.18	-1.42	-2.82	-1.86	-5.08	-7.75	-14.36	-18.12	-11.53	-6.19	-13.61
315.00	-14.2	-13.61	-7.91	-2.44	-2.86	-2.85	-5.35	-6.18	-14.58	-17.34	-12.63	-7.5	-13.61
330.00	-14.11	-12.68	-9.07	-3.98	-2.57	-1.69	-2.33	-5.77	-11.46	-17.33	-17.53	-9.56	-13.61
345.00	-15.21	-11.21	-8.46	-5.74	-3.44	-1.01	-2.63	-7.35	-9.48	-14.27	-17.29	-10.79	-13.61

Ant3													
Freq	5600.00												
Phi\ Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-14.36	-13.51	-8.59	-4	0.89	4.2	4.21	3.36	0.41	-2.64	-5.41	-8.04	-20.88
15.00	-14.35	-13.98	-9.55	-5.95	-0.9	2.35	2.41	1.56	-1.13	-3.47	-6.63	-8.53	-20.88

30.00	-14.14	-14.98	-10.96	-8.37	-3.24	-0.64	-0.56	-1.05	-3.7	-4.48	-7.58	-9.64	-20.88
45.00	-13.96	-15.74	-12.45	-10.57	-6.21	-3.62	-4.07	-3.92	-6.23	-6.38	-9.94	-10.76	-20.88
60.00	-14.08	-16.17	-13.17	-11.19	-9.26	-7.73	-7.2	-6.06	-8.81	-9.96	-13.14	-11.26	-20.88
75.00	-13.81	-16.52	-14.01	-12.23	-11.49	-10.34	-9.74	-8.59	-11.53	-14.32	-14.67	-11.82	-20.88
90.00	-13.75	-17.47	-14.48	-16.39	-12.67	-13.98	-13.26	-11.09	-14.27	-14.24	-16.18	-12.66	-20.88
105.00	-13.82	-19.38	-15.39	-14.59	-17.16	-16.87	-18.54	-14.69	-15.39	-23.91	-19.34	-13.53	-20.88
120.00	-13.53	-22.7	-17.14	-13.13	-23.24	-19.85	-17.08	-13.5	-14.85	-15.18	-21.8	-15.64	-20.88
135.00	-13.46	-24.19	-19.67	-14.26	-30.74	-19.42	-20.34	-20	-19.4	-16.15	-26.73	-17.8	-20.88
150.00	-13.52	-22.9	-25.39	-19.65	-25.53	-17.34	-13.11	-18.04	-18.21	-16.53	-20.96	-15.67	-20.88
165.00	-13.63	-21.03	-23.53	-21.3	-19.61	-16.58	-15.63	-18.34	-16.36	-13.9	-20.51	-14.7	-20.88
180.00	-13.54	-18.55	-20.41	-15.37	-17.34	-15.59	-10.88	-25.72	-12.8	-13.42	-17.87	-18.62	-20.88
195.00	-13.54	-17.14	-19.34	-12.34	-14.77	-18.04	-9.34	-22.39	-9.95	-13.43	-15.51	-20.88	-20.88
210.00	-13.46	-15.78	-17.43	-11.13	-11.68	-16.71	-11.61	-14.64	-8.74	-11.79	-13.18	-16.92	-20.88
225.00	-13.5	-14.35	-13.11	-10.94	-12.52	-13.55	-11.53	-17.06	-6.97	-9.15	-13.31	-12.53	-20.88
240.00	-13.71	-12.99	-9.94	-8.87	-11.31	-12.19	-12.61	-18.33	-6.89	-10.03	-11.61	-12.6	-20.88
255.00	-13.85	-12.25	-8.69	-7.33	-7.15	-9.64	-21.13	-13.45	-14.27	-16.1	-9.67	-9.88	-20.88
270.00	-14.11	-11.81	-8.83	-5.99	-5.14	-6.41	-11.32	-8.63	-7.72	-9.31	-8.77	-9.72	-20.88
285.00	-14.03	-11.63	-8.32	-4.21	-3	-3.47	-5.25	-5.37	-7.11	-8.62	-8.66	-10.99	-20.88
300.00	-14.06	-11.81	-6.99	-3.21	-1.39	0.36	0.93	-0.59	-2.54	-4.34	-6.87	-10.63	-20.88

315.00	-14	-12.27	-6.88	-2.96	0.48	3.31	3.12	2.04	-0.64	-2.23	-4.95	-10.08	-20.88
330.00	-14.3	-13.04	-7.26	-2.52	1.67	4.47	4.19	3.7	0.72	-1.22	-5.41	-7.87	-20.88
345.00	-14.04	-13.35	-7.9	-2.93	1.78	4.84	4.8	4.19	1.06	-1.82	-5	-7.65	-20.88

Ant4													
Freq	5600.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	0.94	0.56	3.47	5.29	0.8	2.34	4.68	4.28	2.79	1.12	-0.52	-3.04	-17.92
15.00	0.96	-0.23	1.72	3.03	-0.37	1.69	2.36	4.15	2.44	-0.11	-2.25	-4.68	-17.92
30.00	1.06	-1.38	-1.46	-1.82	-3.35	-1.74	-2.87	0.85	-0.03	-2.22	-5.4	-5.36	-17.92
45.00	1.22	-2.45	-4.95	-6.85	-6.51	-6.58	-6.32	-6.16	-4.76	-5.46	-9.89	-8.28	-17.92
60.00	1.26	-3.04	-9.42	-9.42	-9.58	-8.41	-6.65	-7.6	-8.45	-8.92	-13.8	-13.04	-17.92
75.00	1.29	-3.3	-12.73	-15.34	-9.53	-7.29	-8.08	-5.58	-7.85	-8.47	-10.71	-12.78	-17.92
90.00	1.24	-3.23	-10.2	-18.76	-8.59	-5.36	-7.51	-6.69	-9.45	-10.44	-9.25	-14.33	-17.92
105.00	1.21	-2.64	-7.15	-12.98	-7.15	-5.27	-7.14	-9.81	-10.11	-9.46	-11.15	-17.92	-17.92
120.00	1.21	-1.73	-4.98	-10.05	-6.52	-6.14	-6.66	-8.62	-9.44	-9.91	-12.72	-14.05	-17.92
135.00	1.27	-0.78	-2.71	-9.83	-8.24	-9.03	-6.61	-9.04	-9.76	-11.2	-11.85	-9.98	-17.92
150.00	1.3	0.16	-0.28	-7.44	-7.77	-13.48	-11.36	-11.31	-7.62	-8	-13	-8.33	-17.92
165.00	1.32	0.86	-2	-1.5	-4.11	-4.91	-6.34	-2.15	-2.16	-4.7	-10.16	-7.21	-17.92
180.00	1.3	1.4	3.44	1.84	-2.3	-0.81	-0.57	2.67	1.67	-2.35	-5.85	-7.32	-17.92

195.00	1.27	1.59	3.64	2.65	-2.82	-1.21	0.19	3.08	1.05	-1.09	-4.65	-8.92	-17.92
210.00	1.21	1.46	2.81	1.91	-3.26	-8.15	-1.6	0.66	-2.44	-4.29	-6.14	-9.16	-17.92
225.00	1.09	1.14	1.69	-0.32	-6.12	-8.1	-1.74	-3.62	-7.45	-10.32	-7.57	-10.42	-17.92
240.00	1.05	1.01	-0.24	-2.47	-8.5	-2.48	-0.46	-5.94	-10.23	-16	-11.01	-13.29	-17.92
255.00	0.94	1.15	-1.03	-3.49	-10.33	-2.97	-1.29	-4.33	-11.48	-13.44	-29.26	-12.17	-17.92
270.00	1.01	1.28	-1.71	-5.41	-14.92	-3.78	-3.28	-6.95	-10.41	-20.45	-11.56	-8.22	-17.92
285.00	1.03	1.32	-1.48	-6.69	-13.05	-3.39	-4.82	-14.2	-9.4	-21.29	-10.69	-4.88	-17.92
300.00	1.06	1.32	-0.04	-2.67	-12.26	-5.87	-7.83	-11.15	-9.72	-8.89	-6.45	-4.11	-17.92
315.00	1.03	1.21	1.92	2.25	-8.13	-8.78	-7.41	-8.44	-7.11	-3.8	-2.74	-3.4	-17.92
330.00	1.01	1.1	3.37	5.05	-3.11	-4.24	-1.39	-1.91	-2.13	-2.97	-1.67	-2.29	-17.92
345.00	0.9	0.94	3.9	5.94	-0.27	0.64	3.15	2.74	0.9	0.45	0.15	-1.91	-17.92

5600MHz Composite Gain（1SS）(Ant1+ Ant2+ Ant3)													
Freq	5600.00												
Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
0.00	-8.22	-7.57	-5.90	-1.52	2.00	4.75	3.93	2.50	0.12	-1.50	-3.66	-3.92	-12.10
15.00	-8.49	-7.79	-6.67	-0.85	1.46	4.81	4.61	3.84	0.30	-1.36	-3.69	-4.14	-12.10
30.00	-8.28	-8.32	-8.94	-1.53	-0.77	2.61	1.65	1.36	-1.20	-0.99	-4.68	-3.89	-12.10
45.00	-8.08	-8.37	-10.91	-3.56	-2.46	-0.19	0.01	0.30	-2.63	-2.23	-6.53	-3.41	-12.10
60.00	-8.09	-8.03	-8.28	-5.14	-3.11	-0.76	0.01	-0.48	-2.69	-2.04	-4.49	-3.41	-12.10
75.00	-	-	-	-	-	0	0	-	-	-	-	-	-

	8.13	7.96	6.78	4.30	2.93	.11	.06	0.83	4.13	3.66	3.12	3.19	12.10
90.00	-8.18	-8.86	-5.56	-3.40	-1.47	0.35	0.73	0.49	-3.86	-3.30	-4.94	-3.67	-12.10
105.00	-8.14	-9.82	-6.12	-2.84	-1.40	0.25	-0.75	-1.31	-5.53	-4.43	-5.85	-4.80	-12.10
120.00	-8.07	-10.51	-6.58	-2.37	-2.31	-0.15	0.85	0.09	-2.11	-3.27	-5.46	-4.66	-12.10
135.00	-8.13	-10.49	-6.82	-1.07	-0.78	1.94	2.78	0.26	-1.99	-2.84	-5.48	-4.55	-12.10
150.00	-8.17	-9.71	-6.05	-0.26	0.91	3.54	3.53	0.69	-0.06	-3.00	-3.94	-4.95	-12.10
165.00	-8.16	-8.68	-4.58	-0.48	0.45	1.98	1.25	-2.40	-2.59	-3.36	-3.73	-5.54	-12.10
180.00	-8.22	-8.38	-4.11	-0.16	-2.24	-1.75	1.37	-1.94	-1.99	-4.17	-4.16	-7.29	-12.10
195.00	-8.06	-8.64	-5.78	-1.75	-3.88	-2.00	1.51	-0.71	-2.23	-3.38	-3.84	-7.59	-12.10
210.00	-8.02	-8.41	-7.94	-3.40	-3.34	-3.20	-2.39	-1.49	-2.29	-3.33	-3.44	-6.96	-12.10
225.00	-7.95	-7.95	-7.69	-3.01	-2.44	-2.50	-4.32	-5.02	-3.75	-5.06	-7.05	-5.37	-12.10
240.00	-7.94	-7.58	-6.15	-2.70	-1.86	-2.51	-1.70	-3.67	-2.38	-6.03	-8.42	-5.51	-12.10
255.00	-8.12	-7.81	-4.90	-1.34	-0.42	0.88	-1.02	-2.26	-3.92	-8.52	-6.89	-3.87	-12.10
270.00	-8.23	-7.93	-4.05	0.13	0.85	0.86	-1.01	-2.19	-1.72	-6.43	-6.79	-3.60	-12.10
285.00	-8.40	-8.37	-2.82	1.27	1.60	2.85	2.10	1.32	-3.25	-7.16	-5.92	-4.47	-12.10
300.00	-8.22	-8.79	-2.27	1.60	1.49	3.04	2.71	0.87	-2.99	-3.87	-5.07	-5.06	-12.10
315.00	-7.90	-9.50	-3.29	1.05	2.28	3.56	3.25	2.58	-0.72	-2.50	-4.26	-6.02	-12.10
330.00	-7.88	-9.31	-4.71	-0.14	1.67	4.48	5.46	4.81	0.82	-0.75	-5.41	-5.54	-12.10
345.00	-8.10	-8.26	-5.76	-0.86	2.78	6.06	6.15	4.71	1.44	-0.91	-4.15	-4.69	-12.10

5600MHz Composite Gain（1SS）(Ant1+ Ant2+ Ant4)													
Freq	5600.00												
Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
0.00	-0.72	-0.80	1.24	3.73	1.96	3.80	4.21	3.10	1.62	0.61	-1.01	-1.78	-11.39
15.00	-0.82	-1.37	-0.21	3.13	1.69	4.53	4.59	5.09	2.23	0.32	-1.61	-2.60	-11.39
30.00	-0.68	-2.23	-3.32	0.72	-0.81	2.19	0.70	2.24	0.58	-0.05	-3.71	-2.38	-11.39
45.00	-0.51	-2.82	-6.49	-2.44	-2.57	-1.23	-0.74	-0.43	-2.04	-1.89	-6.51	-2.73	-11.39
60.00	-0.47	-2.93	-6.86	-4.59	-3.20	-0.93	0.15	-0.92	-2.59	-1.79	-4.62	-3.80	-11.39
75.00	-0.50	-2.99	-6.44	-4.93	-2.47	0.72	0.39	-0.02	-3.07	-2.35	-2.38	-3.38	-11.39
90.00	-0.56	-3.33	-4.49	-3.67	-0.68	1.85	1.62	1.32	-2.80	-2.55	-3.40	-3.99	-11.39
105.00	-0.56	-3.26	-3.75	-2.58	0.21	2.02	0.85	-0.53	-4.28	-2.41	-4.33	-5.56	-11.39
120.00	-0.57	-2.75	-2.93	-1.77	-0.01	1.65	2.21	0.84	-1.17	-2.27	-4.15	-4.38	-11.39
135.00	-0.56	-2.04	-1.74	-0.36	0.99	2.88	4.03	1.41	-0.71	-2.04	-3.70	-3.09	-11.39
150.00	-0.54	-1.17	0.22	1.26	2.39	3.79	3.70	1.34	1.30	-1.40	-2.94	-3.20	-11.39
165.00	-0.51	-0.40	2.14	2.81	2.62	3.52	2.52	1.13	0.86	-0.92	-2.21	-3.43	-11.39
180.00	-0.56	-0.08	3.08	4.06	1.12	1.92	3.78	3.83	2.69	-0.58	-1.51	-4.25	-11.39
195.00	-0.52	-0.15	2.48	3.29	-0.43	1.76	3.99	4.61	1.88	0.54	-1.07	-4.85	-11.39
210.00	-0.55	-0.27	0.99	1.83	-0.66	-1.58	0.73	2.66	-0.06	-1.06	-1.61	-4.92	-11.39
225.00	-0.60	-0.46	-0.12	0.82	-0.88	-1.36	-0.65	-1.30	-3.93	-5.47	-5.02	-4.79	-11.39
240.00	-0.60	-0.56	-1.20	-0.36	-1.24	0.35	1.83	-1.14	-3.38	-7.76	-8.17	-5.68	-11.39

255.00	-0.74	-0.67	-1.22	-0.04	-1.15	2.45	2.52	-0.01	-3.36	-7.80	-10.97	-4.48	-11.39
270.00	-0.70	-0.70	-0.98	0.30	-1.04	1.59	1.06	-1.70	-2.41	-9.53	-7.96	-3.15	-11.39
285.00	-0.77	-0.89	-0.10	0.58	-0.70	2.88	2.21	-0.31	-4.02	-11.24	-6.72	-2.34	-11.39
300.00	-0.67	-1.04	0.72	1.78	-1.56	0.91	-0.37	-2.78	-6.63	-6.06	-4.87	-2.52	-11.39
315.00	-0.56	-1.33	1.17	3.33	-0.75	-1.20	-1.19	-1.58	-3.89	-3.40	-3.01	-2.98	-11.39
330.00	-0.53	-1.22	1.45	4.00	-0.76	0.54	3.11	2.40	-0.69	-1.67	-3.06	-2.63	-11.39
345.00	-0.73	-0.86	1.49	4.28	1.79	4.20	5.38	3.95	1.35	0.34	-1.08	-1.86	-11.39

5600MHz Composite Gain（3SS）(Ant1+ Ant2+ Ant3)													
Freq	5600.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-12.70	-12.28	-9.72	-5.78	-2.20	0.80	0.38	-0.70	-3.47	-5.62	-8.01	-8.52	-16.39
15.00	-12.93	-12.51	-10.37	-5.26	-3.09	0.29	0.11	-0.67	-3.98	-5.81	-8.34	-8.67	-16.39
30.00	-12.77	-12.90	-12.81	-5.97	-5.32	-1.97	-2.45	-2.67	-5.63	-5.52	-9.22	-8.41	-16.39
45.00	-12.57	-12.70	-15.19	-8.16	-7.20	-4.58	-4.22	-4.03	-7.23	-6.81	-10.91	-7.84	-16.39
60.00	-12.61	-12.37	-12.75	-9.84	-7.79	-5.02	-4.36	-4.92	-7.15	-6.57	-8.91	-7.94	-16.39
75.00	-12.69	-12.43	-10.79	-8.48	-7.33	-4.18	-4.14	-5.24	-7.76	-7.93	-7.28	-7.68	-16.39
90.00	-12.74	-13.36	-9.59	-6.71	-5.25	-3.39	-3.16	-3.65	-8.11	-6.93	-8.69	-8.12	-16.39
105.00	-12.71	-14.20	-10.50	-6.76	-5.12	-3.39	-4.35	-5.16	-9.59	-7.32	-9.53	-9.19	-16.39
120.00	-12.64	-14.62	-10.85	-6.56	-5.69	-3.47	-2.77	-3.85	-6.11	-7.41	-9.16	-8.89	-16.39
135.00	-	-	-	-	-	-	-	-	-	-	-	-	-

	12.64	14.42	10.53	4.60	3.90	1.46	0.58	3.19	5.60	6.78	8.71	8.54	16.39
150.00	-12.71	-13.63	-9.24	-2.91	-2.19	0.15	-0.10	-2.88	-3.55	-6.68	-7.56	-9.13	-16.39
165.00	-12.75	-12.65	-8.10	-3.23	-2.70	-1.53	-2.37	-6.01	-6.05	-6.85	-7.25	-9.64	-16.39
180.00	-12.83	-12.65	-7.82	-3.86	-5.33	-5.48	-2.69	-5.08	-5.46	-6.87	-7.33	-11.05	-16.39
195.00	-12.67	-13.15	-9.67	-6.00	-7.90	-5.22	-2.69	-4.09	-5.13	-6.59	-7.31	-11.23	-16.39
210.00	-12.62	-12.97	-12.25	-7.56	-7.85	-7.07	-6.81	-5.47	-6.62	-7.48	-7.41	-10.87	-16.39
225.00	-12.55	-12.43	-12.45	-7.22	-6.24	-6.50	-7.93	-8.19	-7.91	-9.63	-11.70	-9.80	-16.39
240.00	-12.53	-12.16	-10.86	-7.21	-6.00	-6.40	-5.69	-6.98	-7.08	-10.73	-12.21	-10.16	-16.39
255.00	-12.65	-12.56	-9.61	-6.07	-5.09	-3.38	-4.46	-6.21	-7.49	-13.13	-11.09	-8.51	-16.39
270.00	-12.77	-12.68	-8.73	-4.54	-3.87	-3.69	-5.25	-6.59	-5.92	-10.95	-11.05	-8.09	-16.39
285.00	-12.88	-13.05	-7.43	-3.23	-3.07	-1.81	-2.47	-3.21	-7.12	-11.15	-10.40	-8.65	-16.39
300.00	-12.75	-13.45	-7.01	-3.03	-3.07	-1.53	-1.69	-3.41	-6.46	-7.56	-9.50	-9.20	-16.39
315.00	-12.48	-14.01	-7.99	-3.58	-2.07	-0.23	-0.56	-1.40	-4.25	-5.92	-8.31	-10.10	-16.39
330.00	-12.43	-13.88	-9.20	-4.50	-1.67	0.84	1.20	0.72	-2.86	-4.30	-9.05	-9.91	-16.39
345.00	-12.59	-12.89	-9.76	-5.28	-1.36	1.81	1.90	0.88	-2.40	-4.76	-8.00	-9.34	-16.39

5600MHz Composite Gain（3SS）(Ant1+ Ant2+ Ant4)													
Freq	5600.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-3.42	-3.73	-0.96	1.00	-2.26	-0.48	0.76	0.09	-1.44	-2.81	-4.46	-5.95	-15.91
15.00	-3.42	-4.45	-2.60	-0.54	-2.79	-0.05	0.08	0.96	-1.38	-3.59	-5.64	-6.94	-15.91

30.00	-3.32	-5.48	-5.79	-3.73	-5.38	-2.43	-3.49	-1.65	-3.35	-4.42	-8.03	-6.88	-15.91
45.00	-3.16	-6.30	-9.28	-7.16	-7.32	-5.58	-4.87	-4.67	-6.56	-6.45	-10.89	-7.30	-15.91
60.00	-3.12	-6.67	-11.24	-9.33	-7.87	-5.13	-4.26	-5.26	-7.07	-6.39	-8.99	-8.17	-15.91
75.00	-3.11	-6.87	-10.56	-8.81	-7.03	-3.84	-3.96	-4.62	-7.02	-7.07	-6.90	-7.79	-15.91
90.00	-3.16	-7.02	-8.87	-6.77	-4.86	-2.66	-2.79	-3.22	-7.45	-6.57	-7.78	-8.29	-15.91
105.00	-3.19	-6.66	-8.42	-6.66	-4.37	-2.59	-3.70	-4.84	-8.77	-6.54	-8.76	-9.55	-15.91
120.00	-3.19	-5.91	-7.41	-6.25	-4.66	-2.78	-2.26	-3.54	-5.66	-6.87	-8.63	-8.75	-15.91
135.00	-3.13	-5.04	-5.79	-4.33	-3.40	-1.24	-0.24	-2.86	-5.13	-6.44	-8.08	-7.75	-15.91
150.00	-3.11	-4.12	-3.66	-2.46	-1.81	0.19	-0.07	-2.72	-3.06	-5.85	-7.23	-7.90	-15.91
165.00	-3.09	-3.39	-1.66	-1.49	-1.79	-0.95	-1.88	-3.48	-3.53	-5.14	-6.62	-7.94	-15.91
180.00	-3.12	-2.93	-0.47	-0.41	-3.16	-2.59	-0.95	-0.33	-1.21	-4.15	-5.75	-8.67	-15.91
195.00	-3.13	-2.82	-0.58	-0.73	-4.88	-2.62	-0.72	0.27	-1.56	-3.34	-5.37	-9.38	-15.91
210.00	-3.19	-2.94	-1.61	-1.76	-5.25	-6.19	-3.81	-1.80	-4.40	-5.52	-6.08	-9.37	-15.91
225.00	-3.29	-3.20	-2.74	-3.26	-5.22	-5.84	-4.43	-5.37	-8.10	-10.03	-9.57	-9.34	-15.91
240.00	-3.31	-3.33	-4.39	-4.74	-5.63	-4.01	-2.59	-5.52	-7.97	-12.23	-11.97	-10.28	-15.91
255.00	-3.42	-3.28	-4.85	-4.75	-5.59	-2.28	-2.19	-4.59	-7.22	-12.55	-13.74	-8.97	-15.91
270.00	-3.37	-3.19	-5.02	-4.40	-4.97	-3.09	-3.66	-6.18	-6.39	-13.53	-12.40	-7.70	-15.91
285.00	-3.36	-3.20	-4.33	-3.77	-4.65	-1.80	-2.39	-4.06	-7.75	-14.77	-11.29	-6.61	-15.91
300.00	-3.32	-3.23	-3.35	-2.85	-5.67	-3.70	-4.95	-7.20	-11.21	-10.18	-9.23	-6.56	-15.91

315.00	-3.32	-3.37	-2.15	-0.81	-5.23	-5.57	-5.91	-6.23	-8.16	-7.09	-6.61	-6.63	-15.91
330.00	-3.32	-3.43	-1.07	0.91	-4.51	-3.91	-1.65	-2.11	-4.83	-5.41	-5.93	-6.12	-15.91
345.00	-3.45	-3.47	-0.61	1.57	-2.65	-0.52	0.91	-0.10	-2.52	-3.14	-4.00	-5.63	-15.91

Ant1													
Freq	5800.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-5.4	-9.11	-21	-9.64	-5.43	-6.35	-7.31	-8.37	-8.4	-5.75	-8.98	-13.71	-14.95
15.00	-5.27	-7.86	-13.96	-6.71	-3.47	-2.18	-2.14	-4.48	-9.31	-8.53	-10.14	-14.95	-14.95
30.00	-5.12	-7.29	-14.34	-7.9	-7.12	-3.77	-9.26	-11.37	-10.47	-7.81	-14.14	-11.04	-14.95
45.00	-4.92	-7.83	-12.69	-8.97	-7.33	-6.17	-7.21	-10.62	-8.57	-10.2	-14.19	-9.06	-14.95
60.00	-4.96	-8.69	-14.28	-6.46	-5.89	-7.63	-5.93	-6.03	-10.78	-3.23	-6.17	-9.79	-14.95
75.00	-5.11	-8.87	-13	-4.04	-3.1	-1.95	-1.85	-2.76	-8.64	-4.39	-7.93	-8.98	-14.95
90.00	-5.24	-7.78	-13.6	-4.64	-1.45	-0.23	-0.6	-0.75	-6.08	-8.81	-13.57	-7.28	-14.95
105.00	-5.47	-7.1	-10.85	-3.46	-2.26	-0.63	-2.43	-3.78	-6.07	-7.58	-9.49	-7.06	-14.95
120.00	-5.57	-6.61	-11.56	-3.63	-2.91	-0.19	-0.47	-1.72	-3.34	-6.31	-8	-6.42	-14.95
135.00	-5.42	-6.17	-10.46	-4.01	-3.35	-0	-1.13	-3.66	-1.67	-4.07	-5.02	-5.63	-14.95
150.00	-5.16	-5.97	-6.93	-4.38	-3.25	-1.82	-2.33	-0.38	-0.41	-2.08	-2.06	-6.16	-14.95
165.00	-4.9	-5.95	-5.6	-4.46	-8.73	-4.34	-0.67	-1.04	-1.4	-1.63	-1.51	-5.84	-14.95
180.00	-4.78	-5.91	-6.41	-5.2	-9.96	-8.01	-0.1	-0.41	-0.21	-0.63	-1.24	-6.79	-14.95

195.00	-4.96	-6.37	-7.24	-5.75	-10.27	-9.03	-2.45	-2.06	-1	-1.07	-1.6	-6.68	-14.95
210.00	-5.17	-7.28	-9.44	-6.83	-6.6	-3.22	-2.73	-3.03	-3.4	-4.22	-3.16	-6.17	-14.95
225.00	-5.35	-8.6	-11.18	-5.93	-2.66	-0.26	-1.29	-3.35	-2.81	-7.85	-10.11	-6.07	-14.95
240.00	-5.35	-9.27	-13.99	-5.54	-2.56	-1.85	-1.71	-2.27	-2.96	-8.59	-12.54	-8.74	-14.95
255.00	-5.18	-9.98	-15.77	-4.4	-4.42	-3.25	-0.82	-0.62	-3.27	-9.68	-12.97	-7.35	-14.95
270.00	-4.92	-10.32	-18.98	-7	-5.19	-4.43	-4.21	-5.52	-4.31	-8.9	-14.01	-7.54	-14.95
285.00	-4.78	-10.64	-17.5	-13.89	-5.71	-4.45	-1.51	-1.36	-3.68	-10.28	-12.49	-9.16	-14.95
300.00	-4.75	-10.65	-15.6	-9.2	-6.17	-2.59	-1.6	-2.01	-8.29	-8.35	-11.88	-10.26	-14.95
315.00	-4.85	-10.01	-12.58	-5.7	-4.06	-8.41	-6.45	-6.84	-6.11	-9.56	-8.52	-11.17	-14.95
330.00	-5.14	-9.74	-13.45	-7.47	-8.69	-11.14	-1.7	-0.5	-4.24	-6.25	-8.4	-13.05	-14.95
345.00	-5.4	-9.78	-16.86	-10.53	-8.31	-3.18	-0.19	-0.35	-5.71	-6.15	-7.5	-14.6	-14.95

Ant2													
Freq	5800.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-13.49	-15.17	-10.64	-4.13	-5.7	-1.23	-2.67	-5.26	-8.27	-12.79	-11.96	-13.48	-19.69
15.00	-13.82	-18.46	-11.32	-3.92	-6.39	-1.26	-1.49	-3.97	-6.12	-8.47	-8.91	-13.07	-19.69
30.00	-13.95	-22.81	-10.07	-4.08	-8.12	-4.29	-2.17	-3.58	-7.77	-6.62	-8.06	-11.87	-19.69
45.00	-14.3	-27.55	-9.06	-5.67	-9.09	-4.86	-2.1	-2.49	-6.27	-6.77	-8	-10.17	-19.69
60.00	-14.45	-25.23	-8.4	-6.28	-6.59	-3.72	-2.27	-2.68	-3.66	-7.13	-9.09	-9.17	-19.69
75.0	-	-	-	-	-	-	-	-	-	-	-	-	-

0	14.41	19.98	10.99	6.26	6.18	3.66	2.38	2.9	3.16	7.59	6.38	7.65	19.69
90.00	-14.28	-16.49	-12.08	-6.57	-8.44	-6.65	-3.28	-3.76	-5.96	-4.24	-6.02	-6.86	-19.69
105.00	-14.22	-13.88	-9.45	-5.53	-5.57	-4.15	-3.92	-5.39	-7.49	-4.6	-6.83	-7.07	-19.69
120.00	-14.47	-12.21	-8.9	-5.12	-4.34	-1.6	-1.51	-1.78	-6.41	-6.45	-7.54	-6.64	-19.69
135.00	-15.03	-11.24	-9.47	-3.76	-2.15	-0.41	-0.8	-1.33	-8.27	-7.53	-9.36	-7.04	-19.69
150.00	-15.59	-10.81	-8.27	-0.31	1.16	3.06	0.29	-0.9	-4.47	-9.11	-8.42	-8.74	-19.69
165.00	-15.66	-10.91	-7.18	0.05	0.52	0.6	-3.06	-8.72	-8.83	-11.08	-7.79	-11.19	-19.69
180.00	-15.35	-10.95	-7.61	-1.59	-1.18	-0.76	-1.71	-6.51	-14.32	-17.71	-10.45	-14.09	-19.69
195.00	-14.93	-11.43	-9.16	-4.78	-5.04	-0.6	-0.36	-4.47	-14.91	-16.98	-13.35	-15.69	-19.69
210.00	-14.59	-11.57	-9.82	-6.75	-9.84	-2.41	-4.58	-4.95	-12.33	-11.61	-10.9	-14.34	-19.69
225.00	-14.28	-11.86	-9.45	-7.44	-6.88	-5.22	-8.14	-16.51	-14.14	-13.99	-11.74	-11.66	-19.69
240.00	-14.21	-12.91	-9.78	-8.9	-6.24	-12.28	-9.5	-8.71	-8.57	-11.89	-17.64	-10.03	-19.69
255.00	-14.25	-15.47	-10.01	-9.06	-3.07	-1.98	-4.08	-7.98	-11.44	-13.9	-20.61	-8.27	-19.69
270.00	-14.36	-20.03	-8.75	-6.17	-3.35	-0.64	-3.78	-5.44	-10.51	-16.47	-19.17	-6.57	-19.69
285.00	-14.46	-28.96	-9.79	-2.41	-2.45	-0.65	-2.65	-4.68	-15.85	-23.72	-14.69	-5.75	-19.69
300.00	-14.06	-17.99	-11.56	-2.63	-2.65	-1.99	-3.93	-6.05	-13.61	-18.5	-11.67	-6.41	-19.69
315.00	-13.66	-13.92	-11.76	-3.16	-3.31	-3.46	-5.77	-9.49	-15.97	-19.01	-14.53	-8.07	-19.69
330.00	-13.35	-12.6	-9.16	-2.96	-3	-0.73	-1.88	-5.83	-12.05	-17.17	-20.96	-10.86	-19.69
345.00	-13.31	-12.95	-8.81	-3.69	-4.31	-1.86	-4.98	-9.34	-12.45	-16.54	-16.19	-12.64	-19.69

Ant3													
Freq	5800.00												
Phi\ Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-14.23	-15.21	-8.69	-3.14	0.85	4.09	4.16	3.68	0.61	-2.48	-5.5	-8.64	-23.67
15.00	-14.08	-16.11	-9.95	-5.15	-0.76	2.18	2.54	1.95	-0.93	-3.8	-7.28	-9.29	-23.67
30.00	-13.76	-16.47	-12.03	-8.02	-2.76	-0.85	0.18	-0.46	-3.27	-5.02	-8.1	-10.64	-23.67
45.00	-13.47	-16.84	-14.28	-11.13	-5.14	-4.14	-3.2	-3.46	-6.09	-6.25	-9.81	-11.02	-23.67
60.00	-13.37	-17.45	-14.98	-14.23	-8.61	-8.49	-7.54	-7.12	-8.79	-8.96	-13.71	-11.17	-23.67
75.00	-13.18	-18.03	-16.7	-13.68	-11.12	-10.86	-9.75	-9.61	-12.03	-14.21	-16.12	-12.05	-23.67
90.00	-13.48	-18.41	-16.07	-18.97	-12.63	-15.65	-12.56	-11.12	-13.99	-14.46	-17.3	-13.24	-23.67
105.00	-13.31	-18.6	-15.24	-15.76	-16.78	-16.23	-19.07	-16.22	-16.72	-27.05	-20.61	-15.21	-23.67
120.00	-13.05	-18.71	-18.06	-13.86	-19.25	-19.76	-17.2	-14.77	-15.99	-17.04	-22.89	-19.32	-23.67
135.00	-13.12	-18.47	-20.65	-17.38	-22.67	-19.17	-20.53	-20.36	-17.03	-16.78	-27.95	-21.01	-23.67
150.00	-13.02	-19.35	-20.61	-21.1	-21.98	-16.07	-16.59	-17.65	-16.8	-15.79	-24.96	-17.61	-23.67
165.00	-13.04	-19.17	-20.49	-17.53	-16.75	-17.55	-18	-19.29	-14.21	-14.56	-20.46	-14.83	-23.67
180.00	-13.23	-18.62	-19.29	-17.47	-13.95	-17.6	-11.67	-23.34	-11.42	-14.17	-18.73	-17.54	-23.67
195.00	-13.2	-18.48	-17.3	-14.56	-9.68	-15.23	-10.71	-18.96	-8.58	-12.15	-15.34	-23.67	-23.67
210.00	-13.15	-18.19	-14.91	-10.73	-8.5	-14.42	-11.69	-13.26	-7.88	-10.71	-13.22	-18.42	-23.67
225.00	-13.39	-16.44	-11.67	-9.72	-11.88	-11.92	-8.89	-15.94	-8.29	-9.41	-13.41	-13.06	-23.67
240.00	-13.47	-13.97	-10.72	-8.41	-11.03	-10.98	-9.85	-14.6	-9.69	-10.36	-11.68	-12.77	-23.67

255.00	-13.63	-12.09	-9.88	-6.5	-8.4	-8.94	-16.59	-12.55	-18.15	-17.04	-9.31	-10.69	-23.67
270.00	-13.93	-11.15	-8.71	-5.43	-7.24	-6.74	-14.46	-8.51	-10.16	-9.31	-8.94	-10.61	-23.67
285.00	-13.95	-11.3	-7.86	-4.24	-4.27	-3.61	-6.87	-6.03	-7.83	-7.96	-9.28	-11.73	-23.67
300.00	-13.88	-12.27	-7.74	-3.37	-2.26	0	-0.11	-1.35	-3.04	-3.99	-7.19	-11.27	-23.67
315.00	-13.77	-13.45	-7.35	-2.55	0.06	3.31	2.72	1.72	-1.12	-1.51	-5.22	-10.31	-23.67
330.00	-13.87	-13.86	-7.41	-2.37	1.71	4.52	4.35	3.77	0.67	-0.83	-5.24	-8.71	-23.67
345.00	-13.79	-13.94	-8.01	-2.39	1.9	4.79	4.92	4.33	1.26	-1.32	-5.11	-8.8	-23.67

Ant4													
Freq	5800.00												
Phi\ Theta	**0.00**	**15.00**	**30.00**	**45.00**	**60.00**	**75.00**	**90.00**	**105.00**	**120.00**	**135.00**	**150.00**	**165.00**	**180.00**
0.00	-4.62	-2.33	1.66	4.37	2.46	-0.38	3.75	4.85	3.44	1.38	-1.56	-2.67	-21.62
15.00	-4.7	-3.2	-0.27	0.53	-0.45	-2.04	-0.36	3.79	2.16	-0.49	-3.63	-5.66	-21.62
30.00	-4.79	-4.16	-2.96	-5.68	-7.02	-6.29	-7.98	-1.75	-1.76	-3.52	-7.83	-8.22	-21.62
45.00	-4.87	-5.35	-8.19	-12.92	-16.94	-11.2	-10.75	-9.62	-9.07	-6.14	-10.13	-13.16	-21.62
60.00	-4.76	-7.2	-12.47	-11.09	-17.09	-14.06	-9.48	-7.95	-12.01	-8.27	-10.07	-12.87	-21.62
75.00	-4.55	-9.03	-9.03	-8.46	-11.66	-8.11	-7.39	-5.94	-11.16	-8.5	-9.81	-10.92	-21.62
90.00	-4.33	-10.38	-6.09	-5.06	-6.86	-4.5	-4.77	-7.37	-10.71	-10.48	-10.7	-11.48	-21.62
105.00	-4.24	-10.66	-5.58	-4.32	-4.69	-2.91	-4.71	-7.63	-7.12	-7.59	-11.59	-14	-21.62
120.00	-4.39	-10.14	-6.28	-3.93	-3.98	-2.29	-3.79	-3.04	-4.48	-7.01	-9.81	-18.84	-21.62

135.00	-4.57	-8.9	-8.22	-4.82	-5.37	-3.61	-1.73	-1.45	-5.17	-10.1	-9.83	-21.62	-21.62
150.00	-4.66	-7.34	-7.49	-11.51	-11.46	-6.81	-2.56	-5.39	-10.34	-12.72	-10.77	-18.91	-21.62
165.00	-4.59	-5.4	-2.63	-6.78	-7.65	-8.44	-10.08	-8.53	-4.56	-7.2	-11.54	-13.06	-21.62
180.00	-4.39	-3.5	0.87	1.19	-3.15	-2.14	-1.71	0.61	1.48	-3.01	-8.77	-9.89	-21.62
195.00	-4.24	-1.9	2.85	3.82	-1.21	-0.41	1.1	3.58	1.8	-2.14	-5.41	-8.74	-21.62
210.00	-4.32	-0.71	3.23	3.88	-2.59	-3.79	-1.35	2.26	-0.98	-2.98	-6.63	-9.25	-21.62
225.00	-4.26	-0.43	2.93	1.9	-7.55	-12.39	-3.99	-1.96	-7.2	-5.64	-5.88	-10.53	-21.62
240.00	-4.42	-0.54	2.14	-2.08	-9.89	-6.24	-2.78	-6.61	-9.15	-13.18	-6.82	-13.36	-21.62
255.00	-4.58	-0.62	0.47	-6.05	-9.28	-7.06	-2.4	-4.55	-10.92	-14.57	-9.1	-14.38	-21.62
270.00	-4.68	-0.51	0.01	-5.54	-11.31	-8.16	-3.86	-4.91	-15.81	-14.62	-6.31	-7.41	-21.62
285.00	-4.7	-0.35	0.18	-3.7	-13.78	-8.51	-6.36	-8.13	-16.46	-14.98	-10.48	-3.93	-21.62
300.00	-4.71	-0.32	1.01	0.25	-7.22	-10.7	-9.66	-8.95	-8.53	-10.05	-8.21	-3.01	-21.62
315.00	-4.54	-0.57	1.92	3.73	-1.98	-8.95	-5.99	-4.11	-4.41	-3.95	-3.9	-2.07	-21.62
330.00	-4.52	-0.95	2.36	5.38	0.95	-5.24	-0.02	0.51	0.05	-2.53	-3.18	-1.08	-21.62
345.00	-4.54	-1.58	2.44	5.77	2.6	-1.22	3.52	3.93	2.44	0.82	-1.06	-1.02	-21.62

5800MHz Composite Gain（1SS）(Ant1+ Ant2+ Ant3)													
Freq	5800.00												
Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
0.00	-5.28	-7.89	-7.26	-0.43	1.90	4.63	4.11	3.03	0.52	-1.27	-3.64	-6.84	-13.94
15.00	-	-	-	-	1	4	4	3	0	-	-	-	-

	5.25	8.12	6.82	0.41	.53	.56	.67	.12	.02	1.87	3.93	7.34	13.94
30.00	-5.12	-8.45	-7.20	-1.69	-0.90	1.94	1.85	0.72	-1.88	-1.64	-4.90	-6.40	-13.94
45.00	-5.01	-9.33	-6.96	-3.52	-2.26	-0.25	0.86	-0.08	-2.13	-2.80	-5.53	-5.27	-13.94
60.00	-5.05	-9.86	-7.25	-3.52	-2.18	-1.58	-0.19	-0.29	-2.43	-1.33	-4.36	-5.23	-13.94
75.00	-5.08	-9.42	-8.48	-2.35	-1.43	0.05	0.78	0.21	-2.39	-3.08	-4.45	-4.60	-13.94
90.00	-5.20	-8.14	-8.99	-3.42	-1.49	-0.39	1.22	0.54	-3.19	-3.44	-6.22	-3.91	-13.94
105.00	-5.28	-7.14	-6.75	-2.08	-1.59	0.57	-1.23	-2.23	-4.22	-4.34	-5.84	-4.26	-13.94
120.00	-5.33	-6.41	-7.29	-1.75	-1.66	1.06	1.40	0.42	-2.38	-3.94	-5.79	-4.34	-13.94
135.00	-5.37	-5.83	-7.52	-1.76	-1.05	1.52	1.86	-0.63	-2.15	-3.25	-5.29	-4.29	-13.94
150.00	-5.29	-5.70	-5.41	-0.38	0.85	4.21	3.15	1.21	-0.18	-2.49	-3.01	-4.86	-13.94
165.00	-5.16	-5.70	-4.29	0.03	-0.84	0.39	0.85	-2.09	-1.80	-2.52	-2.21	-5.06	-13.94
180.00	-5.08	-5.62	-4.75	-1.16	-1.90	-1.57	1.55	-1.28	-1.33	-2.79	-2.61	-6.84	-13.94
195.00	-5.10	-6.00	-5.50	-2.63	-3.23	-1.48	1.27	-1.25	-1.58	-2.68	-3.06	-7.95	-13.94
210.00	-5.14	-6.50	-6.29	-3.14	-3.44	-0.48	-0.79	-1.32	-2.35	-3.41	-3.20	-6.67	-13.94
225.00	-5.24	-6.96	-5.94	-2.79	-1.58	0.20	-0.62	-4.87	-2.46	-5.28	-6.88	-4.94	-13.94
240.00	-5.24	-7.04	-6.55	-2.71	-1.17	-2.27	-1.38	-2.34	-1.78	-5.40	-8.81	-5.58	-13.94
255.00	-5.19	-7.46	-6.72	-1.68	-0.25	0.53	-0.25	-0.88	-4.12	-8.24	-8.38	-3.89	-13.94
270.00	-5.12	-8.10	-6.24	-1.41	-0.34	1.20	-1.53	-1.61	-3.06	-6.17	-8.29	-3.30	-13.94
285.00	-5.07	-9.18	-6.06	-0.83	0.73	2.03	1.38	0.98	-3.03	-7.03	-7.10	-3.76	-13.94
300.0	-	-	-	0	1	3	3	1	-	-	-	-	-

0	4.95	8.34	6.28	.16	.25	.32	.03	.87	2.50	3.69	5.19	4.28	13.94
315.00	-4.91	-7.51	-5.47	1.07	2.53	3.24	2.68	1.29	-1.06	-2.59	-3.86	-4.98	-13.94
330.00	-5.03	-7.12	-4.88	0.78	2.44	4.41	5.54	4.77	1.00	-1.05	-4.63	-5.92	-13.94
345.00	-5.15	-7.27	-5.65	-0.11	2.22	5.43	5.61	4.62	0.86	-1.25	-3.69	-6.90	-13.94

5800MHz Composite Gain（1SS）(Ant1+ Ant2+ Ant4)													
Freq	5800.00												
Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
0.00	-2.25	-2.56	-0.72	3.55	2.77	2.49	3.88	3.78	2.28	0.88	-1.58	-3.53	-13.51
15.00	-2.29	-3.07	-1.60	1.92	1.67	2.95	3.47	4.10	1.75	-0.18	-2.31	-5.48	-13.51
30.00	-2.28	-3.76	-3.07	-0.98	-2.63	0.05	-1.12	0.09	-1.11	-1.02	-4.79	-5.46	-13.51
45.00	-2.29	-4.88	-5.00	-3.92	-5.46	-2.24	-1.18	-2.00	-3.11	-2.76	-5.64	-5.86	-13.51
60.00	-2.28	-6.09	-6.59	-2.91	-3.82	-2.73	-0.63	-0.50	-3.22	-1.16	-3.51	-5.69	-13.51
75.00	-2.24	-6.56	-6.09	-1.30	-1.53	0.56	1.23	1.02	-2.22	-1.87	-3.16	-4.31	-13.51
90.00	-2.18	-6.07	-5.18	-0.61	-0.27	1.62	2.59	1.22	-2.55	-2.66	-4.76	-3.53	-13.51
105.00	-2.22	-5.34	-3.56	0.38	0.71	2.87	1.14	-0.69	-2.10	-1.70	-4.31	-4.05	-13.51
120.00	-2.37	-4.57	-3.88	0.57	1.05	3.60	3.33	2.61	0.12	-1.81	-3.62	-4.29	-13.51
135.00	-2.47	-3.75	-4.56	0.59	1.25	3.57	4.39	2.69	0.15	-2.11	-3.02	-4.34	-13.51
150.00	-2.47	-3.04	-2.77	0.50	1.67	5.09	5.02	2.82	0.60	-2.05	-1.50	-5.03	-13.51
165.00	-2.34	-2.32	-0.16	1.52	0.54	1.49	1.66	-0.54	0.36	-0.99	-1.17	-4.70	-13.51
180.00	-2.16	-1.49	1.25	3.29	0.74	1.65	3.63	3.18	2.84	0.18	-1.07	-4.99	-13.51

195.00	-2.11	-0.95	1.96	3.68	0.02	2.24	4.32	4.47	2.47	0.37	-0.78	-4.83	-13.51
210.00	-2.19	-0.59	1.72	3.11	-1.07	1.65	1.98	3.42	0.39	-0.76	-1.57	-4.53	-13.51
225.00	-2.19	-0.81	1.31	1.98	-0.64	0.13	0.74	-0.54	-2.12	-3.73	-4.11	-4.30	-13.51
240.00	-2.25	-1.19	0.35	-0.29	-0.95	-1.03	0.72	-0.67	-1.65	-6.23	-6.46	-5.73	-13.51
255.00	-2.26	-1.75	-1.05	-1.52	-0.44	0.93	2.44	0.91	-2.91	-7.66	-8.27	-4.72	-13.51
270.00	-2.21	-2.18	-1.37	-1.44	-1.24	0.90	0.82	-0.51	-4.19	-7.93	-6.79	-2.39	-13.51
285.00	-2.18	-2.56	-1.38	-0.62	-1.38	0.81	1.50	0.48	-5.07	-9.97	-7.61	-1.25	-13.51
300.00	-2.11	-1.95	-0.94	1.73	-0.35	0.47	0.32	-0.43	-5.05	-6.54	-5.65	-1.30	-13.51
315.00	-2.02	-1.52	0.04	4.02	1.70	-1.80	-1.29	-1.77	-2.79	-4.11	-3.18	-1.49	-13.51
330.00	-2.08	-1.50	0.68	4.75	2.04	0.06	3.61	3.24	0.66	-2.02	-3.46	-1.90	-13.51
345.00	-2.19	-1.95	0.48	4.46	2.62	2.72	4.89	4.40	1.59	0.04	-1.47	-2.43	-13.51

5800MHz Composite Gain（3SS）(Ant1+ Ant2+ Ant3)													
Freq	5800.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-9.08	-12.14	-11.16	-4.86	-2.29	0.73	0.46	-0.34	-3.17	-5.31	-8.03	-11.26	-18.05
15.00	-9.00	-11.71	-11.44	-5.11	-2.96	0.01	0.16	-1.11	-4.09	-6.32	-8.62	-11.78	-18.05
30.00	-8.86	-11.46	-11.81	-6.25	-5.34	-2.69	-2.30	-3.28	-6.15	-6.33	-9.33	-11.15	-18.05
45.00	-8.70	-12.05	-11.44	-8.01	-6.89	-4.98	-3.68	-4.35	-6.84	-7.42	-9.98	-10.01	-18.05
60.00	-8.74	-12.83	-11.47	-7.79	-6.89	-6.09	-4.67	-4.85	-6.67	-5.76	-8.67	-9.97	-18.05
75.0	-	-	-	-	-	-	-	-	-	-	-	-	-

0	8.83	12.85	12.98	6.49	5.70	4.16	3.51	4.16	6.43	7.17	8.58	9.20	18.05
90.00	-8.96	-11.68	-13.62	-7.16	-5.16	-3.64	-2.53	-3.50	-7.45	-7.41	-9.82	-8.33	-18.05
105.00	-9.11	-10.80	-11.24	-5.98	-5.26	-2.83	-4.82	-6.13	-8.27	-7.58	-9.60	-8.51	-18.05
120.00	-9.18	-10.12	-11.46	-5.84	-5.27	-2.35	-2.12	-3.40	-6.21	-7.96	-9.46	-8.18	-18.05
135.00	-9.12	-9.57	-11.52	-5.55	-4.45	-1.93	-1.47	-4.07	-5.48	-7.07	-8.41	-7.97	-18.05
150.00	-8.95	-9.36	-9.20	-3.62	-2.25	0.75	-0.30	-2.35	-3.67	-5.91	-5.91	-8.83	-18.05
165.00	-8.75	-9.36	-8.00	-3.35	-3.69	-2.91	-2.53	-5.07	-5.26	-5.74	-5.32	-9.09	-18.05
180.00	-8.65	-9.32	-8.60	-4.71	-5.21	-4.71	-2.42	-4.21	-4.13	-5.13	-5.45	-10.52	-18.05
195.00	-8.76	-9.76	-9.60	-6.75	-7.65	-4.66	-2.80	-4.80	-4.92	-5.41	-5.92	-10.86	-18.05
210.00	-8.89	-10.43	-10.79	-7.75	-8.11	-4.41	-5.00	-5.40	-6.46	-7.51	-6.90	-10.11	-18.05
225.00	-9.03	-11.23	-10.66	-7.43	-5.68	-3.61	-4.66	-7.69	-6.26	-9.74	-11.55	-9.15	-18.05
240.00	-9.03	-11.56	-11.16	-7.35	-5.37	-5.78	-5.28	-5.95	-6.01	-10.07	-13.28	-10.21	-18.05
255.00	-8.92	-11.97	-11.17	-6.25	-4.78	-3.86	-3.83	-4.43	-7.30	-12.51	-12.31	-8.56	-18.05
270.00	-8.76	-12.23	-10.29	-6.15	-4.98	-3.20	-5.56	-6.28	-7.32	-10.48	-12.23	-7.93	-18.05
285.00	-8.66	-12.68	-10.20	-4.81	-3.94	-2.58	-3.14	-3.56	-6.85	-10.66	-11.58	-8.20	-18.05
300.00	-8.59	-12.70	-10.53	-4.25	-3.38	-1.38	-1.61	-2.70	-6.39	-7.29	-9.67	-8.78	-18.05
315.00	-8.62	-12.09	-9.91	-3.60	-2.05	-0.40	-1.04	-2.21	-4.59	-5.58	-7.99	-9.65	-18.05
330.00	-8.82	-11.71	-9.35	-3.75	-1.51	0.97	1.30	0.71	-2.71	-4.43	-8.22	-10.52	-18.05
345.00	-9.01	-11.84	-9.85	-4.39	-1.62	1.40	1.64	0.97	-2.56	-4.76	-7.69	-11.33	-18.05

5800MHz Composite Gain（3SS）(Ant1+ Ant2+ Ant4)													
Freq	5800.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-6.46	-6.09	-2.84	0.32	-1.12	-1.98	0.14	0.67	-0.79	-2.49	-5.29	-6.79	-17.82
15.00	-6.46	-6.60	-4.54	-2.34	-2.78	-1.81	-1.27	0.21	-1.75	-4.07	-6.58	-9.29	-17.82
30.00	-6.45	-7.17	-6.70	-5.62	-7.39	-4.66	-5.30	-4.05	-5.12	-5.59	-9.21	-10.08	-17.82
45.00	-6.41	-8.16	-9.59	-8.25	-9.61	-6.68	-5.27	-5.97	-7.79	-7.37	-10.09	-10.48	-17.82
60.00	-6.39	-9.60	-11.00	-7.45	-7.81	-6.73	-4.94	-5.00	-7.16	-5.64	-8.11	-10.34	-17.82
75.00	-6.35	-10.54	-10.71	-5.89	-5.75	-3.90	-3.27	-3.64	-6.34	-6.45	-7.82	-8.98	-17.82
90.00	-6.29	-10.29	-9.31	-5.35	-4.50	-2.66	-1.87	-3.17	-7.10	-7.01	-8.98	-8.10	-17.82
105.00	-6.33	-9.70	-8.03	-4.36	-3.94	-1.65	-3.58	-5.32	-6.85	-6.35	-8.87	-8.41	-17.82
120.00	-6.47	-9.03	-8.39	-4.18	-3.70	-1.10	-1.27	-2.14	-4.57	-6.58	-8.34	-8.16	-17.82
135.00	-6.53	-8.28	-9.29	-4.17	-3.43	-1.07	-0.30	-2.02	-4.23	-6.54	-7.49	-7.98	-17.82
150.00	-6.48	-7.61	-7.53	-3.42	-2.10	-0.97	-0.46	-1.72	-3.44	-5.76	-5.48	-8.88	-17.82
165.00	-6.33	-6.82	-4.72	-2.79	-3.21	-2.57	-2.32	-4.51	-3.96	-4.97	-5.03	-8.90	-17.82
180.00	-6.16	-5.83	-2.67	-1.13	-3.48	-2.71	-1.10	-1.18	-0.80	-3.37	-4.88	-9.32	-17.82
195.00	-6.15	-5.00	-1.27	-0.01	-4.11	-1.97	-0.33	-0.36	-1.08	-3.27	-4.66	-9.03	-17.82
210.00	-6.27	-4.33	-1.11	-0.20	-5.36	-3.10	-2.69	-0.79	-3.59	-4.99	-5.84	-8.78	-17.82
225.00	-6.30	-4.32	-1.44	-1.79	-5.12	-3.63	-3.65	-4.27	-6.01	-7.99	-8.51	-8.71	-17.82
240.00	-6.38	-4.55	-2.26	-4.65	-5.25	-4.99	-3.59	-5.01	-5.93	-10.77	-10.29	-10.31	-17.82

255.00	-6.39	-4.79	-3.84	-6.11	-4.89	-3.62	-2.23	-3.38	-6.82	-12.14	-12.17	-9.10	-17.82
270.00	-6.33	-4.81	-4.17	-6.20	-5.53	-3.38	-3.95	-5.28	-7.91	-12.08	-10.21	-7.15	-17.82
285.00	-6.28	-4.73	-4.11	-4.59	-5.33	-3.43	-3.07	-3.89	-7.98	-13.64	-12.22	-5.78	-17.82
300.00	-6.24	-4.64	-3.44	-2.40	-4.88	-3.74	-3.96	-4.75	-9.56	-10.63	-10.24	-5.62	-17.82
315.00	-6.19	-4.70	-2.52	0.16	-3.03	-6.18	-6.06	-6.27	-6.76	-7.56	-7.11	-5.46	-17.82
330.00	-6.29	-4.93	-2.01	1.39	-2.03	-3.90	-1.12	-1.20	-3.16	-5.66	-6.75	-5.17	-17.82
345.00	-6.40	-5.47	-1.97	1.56	-1.08	-2.01	0.70	0.68	-1.59	-3.09	-4.84	-5.33	-17.82

Ant5													
Freq	6175.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-9.58	-5.56	-3.43	-0.94	0.08	1.07	3.02	3.79	2.88	-0.45	-6.27	-9.02	-12.38
15.00	-9.55	-5.41	-2.7	-0.19	1.42	3.24	5.59	6.09	4.09	0.16	-5.21	-8.54	-12.38
30.00	-9.57	-5.79	-2.85	-0.06	2.32	5.46	6.64	7.01	4.49	1.32	-4.44	-5.89	-12.38
45.00	-9.55	-6.2	-3.46	-0.35	2.71	6.28	6.17	6.14	4.69	1.63	-4.18	-6.11	-12.38
60.00	-9.45	-6.85	-4.54	-1.91	1.36	5.42	5.15	4.48	3.49	0.85	-3.16	-5.19	-12.38
75.00	-9.6	-7.93	-6.03	-4.2	-1.49	2.83	3.28	2.77	0.13	-1.71	-3.81	-3.66	-12.38
90.00	-9.74	-9.39	-7.48	-6.54	-5.88	-0.56	-0.41	0.88	-2.48	-5.14	-4.77	-3.57	-12.38
105.00	-9.65	-11.18	-8.15	-6.39	-8.84	-5.22	-4.58	-3.09	-3.95	-8.59	-6.14	-3.42	-12.38
120.	-	-	-	-	-	-	-	-	-	-	-	-	-

00	9.61	13.3	7.64	5.65	8.97	12.26	7.31	5.21	5.14	7.39	7.46	4.97	12.38
135.00	-9.49	-15.42	-7.88	-6.83	-11.64	-11.66	-11.68	-5.97	-5.92	-8.38	-8.94	-4.7	-12.38
150.00	-9.21	-16.58	-9.21	-9.25	-12.63	-7.43	-17.41	-10.53	-10.17	-8.22	-11.6	-6	-12.38
165.00	-9.11	-16.69	-10.93	-10.72	-12.27	-10.16	-15.21	-13.16	-14.42	-9.65	-17.07	-9.23	-12.38
180.00	-9.3	-16.72	-13.52	-10.59	-11.55	-13.56	-13.77	-16.12	-16.14	-11.72	-17.96	-9.58	-12.38
195.00	-9.26	-16.27	-20.29	-11.2	-10.11	-17.89	-15.35	-16.66	-12.46	-10.75	-14.91	-12.38	-12.38
210.00	-9.24	-14.37	-20.47	-11.27	-12.9	-17.97	-17.76	-17.77	-15.49	-12.72	-12.87	-10.99	-12.38
225.00	-9.16	-13.25	-12.59	-9.99	-16.22	-16.25	-16.47	-18.03	-22.72	-17.44	-12.17	-8.4	-12.38
240.00	-9.17	-13.11	-13.05	-12.97	-12.93	-15.97	-14.71	-17.49	-15.68	-17.14	-18.07	-6.97	-12.38
255.00	-9.11	-13.1	-14.85	-11.95	-15.84	-11.21	-11.4	-10.74	-16.83	-11.72	-12.95	-7.82	-12.38
270.00	-9.16	-11.53	-16.37	-9.1	-12.43	-15.74	-11.4	-8.99	-6.81	-14.64	-10.46	-9.39	-12.38
285.00	-9.17	-9.39	-13.13	-10.52	-11.78	-14.81	-12.68	-7.52	-8.25	-9.3	-10.52	-11.18	-12.38
300.00	-9.2	-7.59	-10.09	-9.69	-10.35	-13.27	-11.87	-6.42	-5.01	-5.07	-10.98	-11.1	-12.38
315.00	-9.22	-6.65	-8.23	-8.45	-9.49	-11.19	-8.68	-6.3	-4.1	-4.22	-11.15	-12.17	-12.38
330.00	-9.41	-6.51	-7.12	-5.99	-4.92	-5.66	-4.92	-3.7	-1.09	-2.8	-9.87	-12.09	-12.38
345.00	-9.59	-6.23	-4.83	-2.99	-1.88	-1.27	-0.39	-0.61	-1.17	-1.74	-8.44	-10.52	-12.38

Ant6													
Freq	6175.00												
Phi\ Theta	**0.00**	**15.00**	**30.00**	**45.00**	**60.00**	**75.00**	**90.00**	**105.00**	**120.00**	**135.00**	**150.00**	**165.00**	**180.00**
0.00	-9.0	-	-	-	-	1	4	2	-	-	-	-	-

	2	6.62	6.22	9.58	2.08	.2	.1	.71	2.38	3.82	4.66	12.59	14.22
15.00	-8.9	-7.56	-6.87	-8.41	-2.21	1.22	3.66	2.85	-3.73	-7.42	-4.65	-13.47	-14.22
30.00	-8.72	-9.1	-6.94	-7.51	-1.66	1.59	1.46	-0.35	-7.46	-8.37	-5.21	-12.98	-14.22
45.00	-8.57	-10.13	-8.47	-6.23	-1.8	1.4	-1.39	-4.19	-8.74	-8.47	-9.5	-12.78	-14.22
60.00	-8.63	-9.65	-16.2	-10.42	-5.64	-0.6	-6.8	-9.97	-11.14	-6.35	-11.11	-14.02	-14.22
75.00	-8.81	-8.41	-10.75	-12.71	-11.26	-3.08	-5.03	-16.08	-10.7	-4.79	-15.06	-12.53	-14.22
90.00	-9.21	-7.21	-4.02	-2.97	-4.66	-2.18	-6.46	-7.27	-10.01	-4.47	-13.4	-12.53	-14.22
105.00	-9.34	-6.13	-2.74	-2.04	-5.64	-4.16	-3.95	-16.38	-8.75	-11.05	-9.65	-11.99	-14.22
120.00	-9.29	-5.58	-5.13	-6.37	-13.93	-10.21	-9.06	-15.68	-17.13	-10.05	-8.81	-13.91	-14.22
135.00	-9.23	-5.7	-10.21	-12.58	-4.45	-4.9	-10.63	-10.38	-14.07	-10.2	-12.01	-13.05	-14.22
150.00	-9.04	-6.31	-13.41	-10.01	-1.38	-1.51	-7.27	-11.36	-8.69	-8.36	-11.53	-9.65	-14.22
165.00	-9.05	-7.42	-11.64	-8.5	-2.77	-0.38	-6.92	-12.06	-9.55	-6.56	-10.94	-8.98	-14.22
180.00	-9.05	-8.48	-8.77	-8.58	-4.3	1.6	-5.59	-5.83	-4.24	-6.66	-11.77	-9.22	-14.22
195.00	-9.1	-8.61	-5.01	-7.26	-5.54	3.13	-0.55	-2.55	-3.02	-7.37	-15.21	-9.24	-14.22
210.00	-9.27	-7.94	-0.84	-4.07	-10.77	1.57	-1.75	-0.33	-8.72	-10.77	-13.99	-9.09	-14.22
225.00	-9.37	-7.14	0.84	-1.26	-8.4	-3.62	-1.94	-1.11	-11.42	-14.31	-13.45	-9.43	-14.22
240.00	-9.26	-6.69	1.1	-1.07	-5.47	0.96	1.7	1.39	-10.1	-17.98	-19.46	-11.62	-14.22
255.00	-9.03	-6.97	0.07	-2.59	-1.08	1.2	4.43	3.27	-14.65	-12.01	-15.96	-13.2	-14.22
270.00	-8.87	-7.17	-1.45	-7.22	0.22	6.17	7.28	3.14	-4.28	-13.89	-16.42	-13.71	-14.22
285.	-	-	-	-	-	2	4	-	-	-	-	-	-

00	8.68	6.92	1.27	3.25	4.31	.14	.72	2.31	3.31	8.41	9.31	14.22	14.22
300.00	-8.7	-6.31	0.01	1.27	-7.85	0.01	3.86	-4.17	-1.2	-7.6	-11.82	-13.21	-14.22
315.00	-8.69	-5.6	0.3	1.17	-2.56	0.04	3.36	-1.16	1.16	-3.75	-13.72	-12.08	-14.22
330.00	-8.84	-5.38	-0.99	-3.38	-0.96	-0.1	3.66	-0.02	2.41	-0.94	-7.44	-11.53	-14.22
345.00	-8.8	-5.95	-4.04	-10.53	-1.85	0.66	3.82	1.18	-0.27	-0.71	-5.42	-10.66	-14.22

Ant7													
Freq	6175.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-4.92	-6.2	-6.59	-7.18	-6.05	-1.84	-3.32	-6.89	-7.16	-6.82	-8.1	-12.26	-15.51
15.00	-4.95	-5.91	-6.87	-6.19	-4.94	0.43	-0.36	-2.75	-4.56	-5.44	-10.22	-10.38	-15.51
30.00	-5.14	-6.04	-7.67	-5.71	-2.21	4.41	3.13	1.62	-3.53	-5.86	-8.23	-8.86	-15.51
45.00	-5.26	-6.26	-8.27	-6.25	-0.16	6.51	5.28	2.43	-4.37	-6.14	-5.83	-8.68	-15.51
60.00	-5.14	-6.39	-8.49	-4.96	-0.24	6.07	5.92	1.54	-1.22	-5.28	-5.24	-10.54	-15.51
75.00	-5.11	-5.95	-6.84	-2.56	-2.54	2.67	4.31	-0.07	-2.93	-8.76	-9.07	-11.86	-15.51
90.00	-5.07	-5.22	-4.59	-1.22	-4.67	-0.84	3.62	-0.92	-5.73	-12.93	-12.11	-11.66	-15.51
105.00	-5.2	-4.68	-4.51	-2.55	-4.99	1.36	3.73	1.42	-1.93	-10.41	-8.72	-9.66	-15.51
120.00	-5.4	-4.34	-5.09	-2.86	-5.3	-0.33	2.68	3.22	-0.94	-8.5	-8.38	-7.97	-15.51
135.00	-5.44	-4.24	-4.79	-2.82	-9.63	1.4	3.57	3.45	-1.43	-6.05	-7.25	-6.53	-15.51
150.00	-5.34	-4.16	-4.25	-5.18	-4.99	3.78	4.25	2.44	-1.55	-5.18	-6.69	-6.14	-15.51
165.	-	-	-	-	-	3	4	1	-	-	-	-	-

00	5.27	4.25	3.9	6.95	1.88	.26	.81	.84	2.13	5.74	6.89	6.53	15.51
180.00	-5.07	-4.61	-3.97	-6.24	-1.24	1.35	4.07	1.3	-2.18	-9.1	-7.44	-7.36	-15.51
195.00	-5	-5.35	-5.17	-5.75	-1.72	-0.75	1.45	-1.13	-2.43	-12.05	-6.53	-8.5	-15.51
210.00	-4.96	-6.57	-7.49	-6.93	-2.98	-0.78	-0.6	-5.59	-4.76	-10.55	-6.04	-11.34	-15.51
225.00	-4.84	-8.2	-8.48	-6.5	-5.25	-0.78	-1.02	-7.96	-8.61	-11.82	-8.01	-15.51	-15.51
240.00	-4.82	-10.31	-7.3	-8.42	-11.57	-2.53	-1.72	-5.81	-12.01	-18.27	-12.21	-15.49	-15.51
255.00	-4.89	-12.92	-6.02	-6.42	-8.43	-6.73	-9.64	-9.85	-11.66	-13.1	-12.75	-12.44	-15.51
270.00	-4.93	-16.67	-6.65	-4.85	-7.02	-3.1	-3.34	-9.01	-20	-17.85	-18.93	-10.51	-15.51
285.00	-4.76	-19.69	-13.63	-9.79	-11.35	-6.47	-6.97	-7.77	-13.58	-19.69	-26.22	-10.16	-15.51
300.00	-4.73	-15.84	-17.94	-7.66	-4.96	-8.06	-11.74	-14.06	-21.6	-13.68	-17.49	-11.54	-15.51
315.00	-4.68	-11.86	-9.25	-4.6	-3.94	-6.08	-11.96	-8.15	-10.44	-17.1	-14.05	-13.54	-15.51
330.00	-4.65	-9.23	-7.84	-6.84	-9.04	-5.62	-7.29	-9.27	-9.58	-11.22	-12.2	-13.14	-15.51
345.00	-4.74	-7.33	-7.19	-9.2	-8.51	-6.08	-6.5	-19.75	-12.94	-8.95	-9.37	-13.17	-15.51

6175MHz Composite Gain（1SS）													
Freq	6175.00												
Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
0.00	-2.81	-1.34	-0.52	-0.33	2.44	5.02	6.60	5.77	3.50	1.46	-1.46	-6.36	-9.17
15.00	-2.78	-1.47	-0.48	0.56	3.25	6.48	8.07	7.55	4.31	1.16	-1.59	-5.79	-9.17
30.00	-2.82	-2.08	-0.78	0.95	4.50	8.74	8.79	8.11	4.07	1.48	-1.04	-4.00	-9.17
45.00	-2.82	-2.57	-1.64	0.96	5.22	9.80	8.71	7.20	3.81	1.58	-1.46	-4.00	-9.17

60.00	-2.76	-2.74	-3.76	-0.32	3.74	8.87	7.78	5.29	3.66	1.79	-1.13	-4.38	-9.17
75.00	-2.84	-2.59	-2.87	-0.73	0.63	5.98	6.50	3.27	1.34	0.15	-3.38	-3.57	-9.17
90.00	-2.97	-2.34	-0.47	1.47	-0.28	3.61	4.61	2.97	-0.77	-1.99	-4.44	-3.48	-9.17
105.00	-3.04	-2.14	-0.08	1.32	-1.56	2.60	4.05	1.38	0.34	-5.18	-3.27	-2.80	-9.17
120.00	-3.11	-2.17	-1.10	-0.05	-3.94	-1.16	1.86	1.93	-0.74	-3.81	-3.43	-3.44	-9.17
135.00	-3.08	-2.48	-2.57	-1.77	-3.25	1.27	1.52	2.44	-0.95	-3.27	-4.41	-2.65	-9.17
150.00	-2.90	-2.82	-3.39	-3.11	-0.42	4.21	2.07	0.77	-1.17	-2.35	-4.85	-2.34	-9.17
165.00	-2.85	-3.30	-3.30	-3.82	0.22	3.93	2.70	-0.14	-2.45	-2.39	-5.92	-3.39	-9.17
180.00	-2.81	-3.86	-3.13	-3.52	0.04	3.46	2.57	0.47	-0.98	-4.15	-6.61	-3.89	-9.17
195.00	-2.78	-4.23	-3.12	-3.01	-0.36	3.11	2.43	0.19	-0.16	-5.05	-6.44	-5.11	-9.17
210.00	-2.81	-4.25	-1.70	-2.17	-3.01	2.23	0.71	-0.59	-3.84	-6.52	-5.44	-5.64	-9.17
225.00	-2.76	-4.38	-0.10	-0.40	-4.09	-0.02	0.52	-1.81	-7.71	-9.45	-6.12	-5.83	-9.17
240.00	-2.72	-4.87	0.28	-1.32	-4.58	1.35	2.16	0.43	-7.53	-13.01	-11.21	-5.89	-9.17
255.00	-2.67	-5.73	-0.22	-1.41	-1.70	0.73	2.33	1.55	-9.35	-7.49	-9.00	-6.04	-9.17
270.00	-2.66	-6.18	-1.47	-2.11	-0.11	4.47	5.50	1.86	-3.43	-10.53	-9.75	-6.25	-9.17
285.00	-2.53	-5.75	-2.54	-2.43	-3.65	0.97	2.84	-0.71	-2.63	-6.43	-8.01	-6.92	-9.17
300.00	-2.53	-4.25	-1.60	0.80	-2.67	-0.62	1.56	-2.53	-1.16	-3.32	-8.22	-7.13	-9.17
315.00	-2.51	-2.87	0.18	1.72	-0.08	0.22	1.64	0.09	1.54	-1.82	-8.10	-7.80	-9.17
330.00	-2.59	-2.12	0.03	-0.50	0.41	1.39	3.27	1.23	3.30	0.79	-4.85	-7.46	-9.17

345.00	-2.67	-1.71	-0.48	-2.15	1.20	2.97	4.72	2.54	2.61	1.66	-2.80	-6.60	-9.17

6175MHz Composite Gain（3SS）													
Freq	6175.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-7.31	-6.10	-5.17	-4.33	-2.01	0.35	2.25	1.73	-0.44	-2.94	-6.12	-10.97	-13.84
15.00	-7.29	-6.20	-5.00	-3.49	-1.14	1.80	3.60	3.37	0.46	-3.00	-6.08	-10.35	-13.84
30.00	-7.36	-6.74	-5.27	-3.21	0.02	4.10	4.30	3.92	0.59	-2.32	-5.68	-8.36	-13.84
45.00	-7.39	-7.19	-6.07	-3.32	0.66	5.27	4.39	3.18	0.60	-2.12	-5.99	-8.40	-13.84
60.00	-7.31	-7.41	-7.64	-4.54	-0.64	4.47	3.92	1.60	0.09	-2.35	-5.43	-8.43	-13.84
75.00	-7.37	-7.29	-7.44	-4.82	-3.50	1.52	2.34	-0.15	-2.66	-4.20	-7.21	-7.36	-13.84
90.00	-7.47	-6.95	-5.12	-3.06	-5.03	-1.14	0.59	-1.31	-5.08	-6.23	-8.33	-7.26	-13.84
105.00	-7.55	-6.57	-4.60	-3.28	-6.20	-1.65	0.16	-1.98	-4.06	-9.89	-7.91	-6.80	-13.84
120.00	-7.65	-6.37	-5.80	-4.68	-8.12	-4.43	-1.42	-0.92	-4.24	-8.51	-8.18	-7.62	-13.84
135.00	-7.63	-6.48	-7.06	-5.82	-7.48	-2.29	-0.92	-0.69	-4.71	-7.88	-8.99	-6.91	-13.84
150.00	-7.47	-6.71	-7.44	-7.59	-4.36	0.38	-0.20	-1.95	-5.08	-6.99	-9.28	-6.97	-13.84
165.00	-7.41	-7.15	-7.32	-8.46	-3.85	0.19	0.36	-2.63	-5.97	-7.02	-9.93	-8.07	-13.84
180.00	-7.34	-7.70	-7.15	-8.11	-4.00	-0.22	-0.19	-2.64	-4.74	-8.68	-10.57	-8.61	-13.84
195.00	-7.31	-8.21	-6.79	-7.53	-4.56	-0.13	-1.14	-3.47	-4.25	-9.59	-10.23	-9.74	-13.84
210.00	-7.32	-8.56	-4.72	-6.52	-6.72	-1.18	-2.85	-3.91	-7.81	-11.24	-9.45	-10.36	-13.84
225.	-	-	-	-	-	-	-	-	-	-	-	-	-

00	7.25	8.84	3.28	4.47	8.08	3.65	3.15	4.99	11.44	13.95	10.56	10.20	13.84
240.00	-7.22	-9.25	-2.94	-4.88	-8.70	-2.14	-1.37	-2.58	-12.04	-17.77	-15.37	-10.03	-13.84
255.00	-7.20	-9.99	-3.64	-5.51	-5.00	-2.71	-0.07	-1.13	-13.86	-12.24	-13.66	-10.46	-13.84
270.00	-7.19	-10.24	-4.97	-6.71	-3.61	1.91	2.92	-1.13	-7.05	-15.15	-13.78	-10.85	-13.84
285.00	-7.06	-9.60	-5.54	-6.53	-7.69	-1.99	0.31	-5.08	-6.57	-10.42	-11.58	-11.54	-13.84
300.00	-7.05	-8.40	-4.29	-2.68	-7.17	-3.96	-0.68	-6.64	-4.43	-7.55	-12.64	-11.86	-13.84
315.00	-7.02	-7.31	-3.50	-2.22	-4.47	-3.53	-1.03	-4.15	-2.25	-5.63	-12.77	-12.55	-13.84
330.00	-7.08	-6.76	-4.15	-5.14	-3.81	-2.94	-0.25	-2.90	-0.57	-3.29	-9.41	-12.20	-13.84
345.00	-7.16	-6.46	-5.16	-6.25	-3.18	-1.43	0.73	-0.84	-1.15	-2.61	-7.40	-11.29	-13.84

Ant5													
Freq	6475.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-15.86	-12.14	-5.22	-1.42	-0.43	-0.5	1.31	1.77	1.13	-1.14	-5.74	-9.08	-15.02
15.00	-15.64	-12.23	-4.98	-0.47	1.25	1.99	4.17	4.67	2.9	-0.59	-4.78	-7.02	-15.02
30.00	-15.41	-11.73	-5.23	-0.24	2.48	4.33	5.53	5.62	3.56	0.52	-4.28	-6.25	-15.02
45.00	-15.59	-11.32	-6.62	-0.86	2.92	5.52	5.03	5.12	3.88	1.12	-4.37	-6.37	-15.02
60.00	-15.83	-11.23	-7.59	-1.96	1.99	4.71	3.59	3.44	2.96	0.59	-4.57	-5.65	-15.02
75.00	-15.97	-11.38	-7.71	-4.04	-0.35	2.07	1.67	1.46	0.21	-1.31	-5.38	-4.58	-15.02
90.00	-16.52	-11.82	-8.37	-7.17	-3.52	-1.95	-1.73	-0.73	-3.46	-4.24	-6.74	-4.89	-15.02
105.00	-16.41	-12.56	-8.35	-10.98	-8.26	-6.19	-6.96	-3.89	-5.21	-9.7	-9.1	-4.75	-15.02

120.00	-16.2	-13.56	-7.84	-9.16	-11.97	-14.21	-10.45	-6.2	-6.65	-10.18	-11.77	-6.37	-15.02
135.00	-16.07	-14.45	-7.8	-7.75	-12.04	-14.29	-15.07	-7.41	-8.51	-10.51	-14.05	-6.44	-15.02
150.00	-15.97	-15.27	-8.46	-9.09	-14.72	-9.19	-17.81	-9.69	-16.36	-11.15	-14.84	-7.55	-15.02
165.00	-15.82	-16.12	-9.76	-9.67	-18.25	-10.62	-15.22	-13.55	-17.46	-12.12	-17.46	-11.56	-15.02
180.00	-16.27	-18.32	-12.68	-10.12	-18.5	-14.6	-16.97	-14.24	-19.93	-14.63	-16.37	-11.51	-15.02
195.00	-16.38	-19.69	-15.87	-12.37	-17.14	-27.41	-18.64	-17.08	-16.36	-12.72	-14.96	-15.02	-15.02
210.00	-16.37	-20.72	-19.45	-13.87	-16.59	-19.85	-23.49	-16.08	-13.71	-12.21	-12.65	-13.36	-15.02
225.00	-16.08	-21.85	-20.34	-13.79	-17.71	-18.14	-23.64	-17.01	-15.93	-14.93	-11.46	-9.82	-15.02
240.00	-15.78	-20.41	-20.64	-16.51	-14.28	-18.91	-17.71	-21.31	-17.14	-14.44	-12.58	-7.91	-15.02
255.00	-15.67	-17.36	-23.93	-14.55	-21.86	-14.11	-12.24	-11.75	-29.05	-11.24	-11.79	-8.78	-15.02
270.00	-15.64	-15.05	-18.7	-14.15	-14.39	-18.12	-13.19	-12.18	-11.54	-13.65	-11.1	-11.32	-15.02
285.00	-15.62	-13.55	-14.18	-14.62	-13.88	-16.81	-17.14	-11.18	-10.63	-11.72	-12.83	-12.4	-15.02
300.00	-15.56	-12.74	-10.97	-12.38	-14.73	-13.55	-14.04	-10.56	-8.1	-7.43	-13.1	-11.89	-15.02
315.00	-15.6	-12.66	-9.85	-9.78	-9.48	-10.81	-9.73	-9.8	-5.78	-6.47	-12.14	-11.57	-15.02
330.00	-15.65	-12.33	-7.87	-6.04	-5.76	-5.99	-5.42	-5.4	-4.01	-4.16	-9.73	-10.57	-15.02
345.00	-15.81	-12.01	-6.44	-3.01	-2.9	-2.84	-1.4	-1.41	-1.2	-2.33	-7.5	-8.7	-15.02

Ant6													
Freq	6475.00												
Phi\ Theta	**0.00**	**15.00**	**30.00**	**45.00**	**60.00**	**75.00**	**90.00**	**105.00**	**120.00**	**135.00**	**150.00**	**165.00**	**180.00**

0.00	-7.34	-4.7	-12.87	-4.79	-5.32	0.31	2.94	-3.3	-4.59	-2.05	-4.98	-15.96	-16.19
15.00	-7.24	-7.03	-10.25	-4.77	-7.28	1.18	2.53	-2.59	-5.79	-5.58	-4.91	-16.19	-16.19
30.00	-7.24	-8.81	-10.34	-6.61	-6.32	-0.43	0.57	-3.01	-7.92	-7.48	-5.48	-14.13	-16.19
45.00	-7.2	-10.69	-11.12	-10.54	-5.43	-1.23	-2.14	-5.2	-11.81	-8.26	-6.87	-11.27	-16.19
60.00	-7.21	-12.64	-17.02	-12.53	-5.92	-2.39	-5.27	-7.31	-11.67	-7.93	-7.64	-10.13	-16.19
75.00	-7.13	-12.92	-21.63	-16.65	-9.74	-4.39	-8.95	-9.37	-11.66	-5.09	-9.94	-9.19	-16.19
90.00	-6.91	-11.21	-10.1	-12.51	-9.94	-6.21	-10.12	-11.11	-15.68	-3.62	-11.61	-9.74	-16.19
105.00	-6.67	-9.24	-7.25	-6.05	-10.32	-7.86	-8.38	-16.78	-10.23	-8.37	-15.93	-11.83	-16.19
120.00	-6.63	-7.95	-6.99	-7.4	-14.57	-11.59	-7.94	-14.43	-23.54	-10.36	-10.98	-13.84	-16.19
135.00	-6.62	-7.64	-8.81	-16.04	-9.91	-10.79	-10.28	-24.19	-18.28	-14.59	-13.06	-13.4	-16.19
150.00	-6.66	-7.93	-11.11	-7.91	-3.05	-4.86	-7.33	-9.13	-18.81	-9.11	-13.18	-10.1	-16.19
165.00	-6.69	-8.74	-13.21	-7.36	-2.39	-3.79	-9.17	-10.53	-16.32	-7.62	-11.37	-8.53	-16.19
180.00	-6.59	-9.44	-10.73	-5.29	-2.93	-3.48	-12.58	-6.58	-8.28	-7.22	-12.31	-7.71	-16.19
195.00	-6.57	-8.43	-4.23	-2.72	-1.98	1.38	-2.78	-1.79	-8.74	-6.39	-11.64	-8.49	-16.19
210.00	-6.55	-6.68	-1.42	-1.56	-4.69	1.09	-3.93	-1.82	-11.37	-7.31	-15.3	-7.86	-16.19
225.00	-6.58	-5.84	0.01	-1.64	-12.08	-4	-3.22	-4.03	-9.5	-13.97	-13.57	-9.73	-16.19
240.00	-6.64	-5.78	-0.56	-2.68	-10.72	-0.89	-0.87	-0.84	-7.04	-14.35	-12.3	-12.18	-16.19
255.00	-6.8	-5.23	-2.76	-3.57	-2.01	-0.03	1.54	1.59	-1.47	-13.36	-12.1	-13.99	-16.19
270.00	-6.99	-3.95	-4.89	-8.38	0.18	3.94	4.75	3.26	-3.47	-11.23	-14.29	-10.24	-16.19

285.00	-7.12	-2.61	-3.3	-8.76	-5.51	0.54	1.67	-0.08	-7.02	-9.81	-12.06	-7.76	-16.19
300.00	-7.15	-1.77	-1.7	-5.69	-4.71	-0.45	-1.59	-5.25	-9.57	-9.27	-13.8	-8.52	-16.19
315.00	-7.16	-1.63	-2.56	-9.8	-1.63	-1.5	1.4	-0.87	-4.34	-5.73	-14.72	-11.02	-16.19
330.00	-7.19	-2.21	-5.38	-10	-1.57	-1.37	3.06	2.21	-2.25	-2.17	-9.19	-13.25	-16.19
345.00	-7.25	-2.84	-9.58	-7	-2.93	-1.09	3.17	0.34	-3.2	-1.14	-6.03	-14.21	-16.19

Ant7													
Freq	6475.00												
Phi\ Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-11.5	-16.22	-9.68	-10.33	-4.84	-0.79	-5.99	-7.39	-10.81	-12.06	-12.69	-7.79	-13.46
15.00	-11.44	-16.36	-9.57	-8.63	-3.25	0.97	-2.87	-3.28	-12.25	-10.02	-12.47	-6.5	-13.46
30.00	-11.42	-15.59	-10.72	-8.55	-0.86	3.54	1.39	-0.2	-8.98	-10.29	-10.59	-5.9	-13.46
45.00	-11.38	-13.65	-13.25	-6.97	-0.16	4.21	4.4	0.95	-4.76	-9.14	-9.55	-5.88	-13.46
60.00	-11.3	-11.58	-14.7	-6.45	-1.59	2.66	4.57	0.13	-5.41	-11.37	-9.3	-5.83	-13.46
75.00	-11.26	-10.27	-10.64	-5.91	-5.79	-2.82	0.2	-3.31	-9.66	-9.98	-7.92	-5.68	-13.46
90.00	-11.23	-9.81	-8.12	-5.61	-6.89	-3.55	0.74	-0.47	-3.15	-4.85	-4.8	-4.94	-13.46
105.00	-11.34	-9.69	-6.77	-4.27	-3.59	-1.47	1.14	0.75	-1.15	-4.96	-6.49	-4.55	-13.46
120.00	-11.31	-9.73	-5.66	-2.9	-4.22	-0.83	1.22	-0.38	-2.05	-4.23	-6.69	-5.26	-13.46
135.00	-11.34	-9.83	-4.95	-3.79	-5.92	-2.16	3.87	0.77	-2.54	-2.73	-6.27	-4.98	-13.46
150.00	-11.31	-9.69	-5.43	-5.49	-4.34	-3.48	5.13	1.79	-3.28	-2.68	-5.98	-5.2	-13.46
165.	-	-	-	-	-	2	5	1	-	-	-	-	-

00	11.34	9.58	6.98	6.47	3.28	.77	.08	.86	3.21	5.05	6.54	5.83	13.46
180.00	-11.44	-9.41	-8.1	-6.28	-3.39	0.91	3.24	0.89	-4.85	-7.52	-8.49	-6.81	-13.46
195.00	-11.57	-9.43	-9.62	-7.55	-3.64	-0.81	0.81	-1.44	-6.61	-11.92	-10.9	-7.93	-13.46
210.00	-11.63	-10.34	-14.89	-9.18	-5.16	-1.32	-1.07	-4.55	-8.7	-19.64	-11.9	-9.39	-13.46
225.00	-11.65	-12.15	-15.42	-11.08	-7.39	-3.14	-4.29	-5.54	-10.52	-19.76	-11.41	-11.12	-13.46
240.00	-11.68	-13.91	-13.88	-12.12	-13.86	-5.29	-7.42	-9.74	-13.86	-19.51	-12.77	-13.46	-13.46
255.00	-11.77	-15.72	-14.2	-15.23	-12.38	-7.13	-8.77	-10.35	-13.78	-26.21	-13.2	-11.15	-13.46
270.00	-11.72	-17.86	-10.7	-7.21	-9.98	-8.03	-8.58	-15.55	-15.4	-16.17	-16.71	-8.6	-13.46
285.00	-11.69	-18.59	-10.42	-9.08	-17.5	-10.99	-7.09	-12.74	-23.33	-16.78	-22.85	-9.86	-13.46
300.00	-11.75	-17.78	-13.35	-21.41	-12.17	-9.8	-10.47	-15.97	-21.58	-17.23	-19.66	-9.77	-13.46
315.00	-11.69	-16.47	-13.65	-11.33	-11.9	-10.77	-9.81	-10.96	-19.2	-17.34	-17.64	-9.98	-13.46
330.00	-11.66	-15.9	-12.55	-11.32	-14.31	-6.6	-5.57	-10.39	-15.51	-12.8	-13.55	-9.57	-13.46
345.00	-11.68	-15.94	-10.58	-13.47	-7.91	-4.86	-7.89	-13.1	-14.44	-11.45	-12.09	-8.77	-13.46

6475MHz Composite Gain（1SS）													
Freq	6475.00												
Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
0.00	-6.11	-4.91	-3.91	-0.01	1.53	4.46	4.96	2.60	1.32	0.88	-2.41	-5.51	-10.05
15.00	-6.00	-6.27	-3.16	0.78	2.37	6.16	6.53	5.17	1.89	0.22	-1.96	-4.15	-10.05
30.00	-5.95	-6.84	-3.61	0.40	3.92	7.49	7.55	6.34	2.33	0.29	-1.61	-3.26	-10.05
45.00	-5.96	-7.03	-5.11	-0.42	4.53	8.06	7.75	6.03	2.83	0.68	-1.90	-2.75	-10.05

60.00	-5.98	-7.03	-7.36	-1.19	3.51	6.91	6.71	4.57	2.09	0.05	-2.17	-2.20	-10.05
75.00	-5.95	-6.68	-6.84	-2.62	0.33	3.51	3.50	2.10	-0.61	0.01	-2.77	-1.50	-10.05
90.00	-5.93	-6.13	-4.05	-3.19	-1.62	1.04	2.16	1.86	-1.07	0.55	-2.50	-1.47	-10.05
105.00	-5.82	-5.61	-2.66	-1.90	-2.15	0.04	1.12	0.68	0.00	-2.67	-4.91	-1.68	-10.05
120.00	-5.75	-5.34	-2.01	-1.30	-4.31	-2.06	0.58	-0.49	-2.35	-2.99	-4.74	-2.98	-10.05
135.00	-5.74	-5.43	-2.26	-3.09	-4.14	0.16	1.44	-0.80	-2.88	-3.08	-5.62	-2.81	-10.05
150.00	-5.73	-5.67	-3.25	-2.59	-1.28	2.87	2.70	0.83	-5.20	-2.09	-5.66	-2.62	-10.05
165.00	-5.73	-6.14	-4.85	-2.96	-0.87	2.53	2.52	0.07	-4.97	-3.02	-5.93	-3.56	-10.05
180.00	-5.79	-6.74	-5.53	-2.22	-1.20	1.10	0.47	0.19	-4.28	-4.42	-7.04	-3.68	-10.05
195.00	-5.83	-6.49	-3.90	-1.90	-0.73	1.78	0.99	0.34	-4.90	-5.09	-7.56	-5.17	-10.05
210.00	-5.84	-6.09	-3.67	-1.94	-2.61	1.65	-0.76	-0.91	-6.25	-6.92	-8.39	-5.14	-10.05
225.00	-5.81	-6.30	-2.72	-2.42	-6.64	-1.54	-2.06	-2.50	-6.79	-11.11	-7.32	-5.43	-10.05
240.00	-5.80	-6.59	-2.95	-3.70	-8.03	-0.91	-1.48	-2.36	-6.86	-11.02	-7.78	-6.08	-10.05
255.00	-5.89	-6.22	-4.89	-4.57	-3.83	-0.51	0.35	0.15	-4.07	-10.16	-7.57	-6.28	-10.05
270.00	-5.96	-5.31	-4.97	-4.66	-1.08	1.65	2.54	0.66	-3.90	-8.68	-8.96	-5.21	-10.05
285.00	-6.02	-4.20	-3.33	-5.67	-6.02	-1.30	0.30	-1.26	-6.62	-7.53	-9.97	-5.03	-10.05
300.00	-6.04	-3.37	-2.36	-6.24	-4.67	-1.35	-2.29	-4.75	-6.61	-5.62	-10.29	-5.18	-10.05
315.00	-6.03	-3.10	-2.67	-5.50	-1.73	-1.73	0.45	-1.18	-2.97	-3.73	-9.78	-6.06	-10.05
330.00	-6.05	-3.35	-3.35	-4.05	-1.01	0.45	3.13	1.79	-0.85	-0.54	-5.85	-6.22	-10.05

345.00	-6.12	-3.70	-3.91	-2.06	0.49	1.98	3.84	1.72	0.10	0.85	-3.41	-5.44	-10.05

6475MHz Composite Gain（3SS）													
Freq	6475.00												
Phi\ Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-10.28	-8.50	-8.14	-4.18	-2.93	-0.30	0.76	-1.44	-2.40	-3.14	-6.72	-9.78	-14.75
15.00	-10.18	-10.28	-7.59	-3.41	-1.77	1.40	2.15	1.20	-1.21	-3.80	-6.25	-8.27	-14.75
30.00	-10.15	-11.22	-7.99	-3.62	-0.26	2.92	3.08	2.31	-0.69	-3.31	-6.06	-7.51	-14.75
45.00	-10.13	-11.71	-9.43	-4.32	0.29	3.65	3.39	2.04	-0.23	-2.83	-6.43	-7.26	-14.75
60.00	-10.14	-11.78	-11.19	-5.14	-0.74	2.54	2.59	0.57	-1.09	-3.37	-6.72	-6.77	-14.75
75.00	-10.09	-11.39	-10.58	-6.49	-3.66	-0.80	-0.55	-1.80	-3.89	-4.16	-7.35	-6.08	-14.75
90.00	-9.98	-10.86	-8.78	-7.59	-6.02	-3.57	-1.86	-2.17	-4.94	-4.21	-6.90	-6.01	-14.75
105.00	-9.84	-10.27	-7.41	-6.31	-6.45	-4.29	-2.60	-2.68	-4.11	-7.20	-9.05	-6.01	-14.75
120.00	-9.79	-9.85	-6.74	-5.65	-7.99	-5.07	-2.80	-4.01	-5.51	-7.25	-9.20	-7.21	-14.75
135.00	-9.78	-9.83	-6.87	-6.91	-8.53	-2.30	-0.68	-3.37	-6.24	-6.60	-9.65	-7.06	-14.75
150.00	-9.79	-10.03	-7.73	-7.23	-5.24	-0.50	0.62	-2.37	-7.73	-6.08	-9.54	-7.17	-14.75
165.00	-9.80	-10.49	-9.28	-7.64	-4.51	-0.97	0.51	-2.55	-7.62	-7.39	-9.82	-8.04	-14.75
180.00	-9.79	-10.91	-10.10	-6.79	-4.85	-2.42	-1.38	-3.05	-7.90	-8.74	-11.28	-8.25	-14.75
195.00	-9.82	-10.48	-7.67	-5.92	-4.41	-1.34	-2.35	-3.31	-9.03	-9.36	-12.18	-9.53	-14.75
210.00	-9.81	-9.78	-5.94	-5.43	-6.53	-1.69	-4.01	-4.63	-10.78	-10.68	-13.06	-9.65	-14.75
225.	-	-	-	-	-	-	-	-	-	-	-	-	-

00	9.82	9.61	4.60	5.71	10.60	5.23	5.46	6.35	11.22	15.59	12.04	10.18	14.75
240.00	-9.84	-9.80	-5.09	-6.82	-12.65	-4.27	-4.70	-5.05	-10.65	-15.53	-12.55	-10.50	-14.75
255.00	-9.96	-9.39	-7.20	-7.74	-6.36	-3.89	-2.68	-2.73	-5.99	-13.85	-12.32	-10.81	-14.75
270.00	-10.08	-8.24	-8.51	-9.05	-4.06	-0.54	0.24	-1.33	-7.38	-13.23	-13.43	-9.91	-14.75
285.00	-10.16	-6.94	-7.01	-10.13	-9.46	-3.86	-2.51	-4.31	-10.15	-11.92	-14.00	-9.61	-14.75
300.00	-10.19	-6.11	-5.73	-9.52	-8.41	-4.56	-5.62	-8.63	-10.42	-9.75	-14.71	-9.85	-14.75
315.00	-10.18	-5.94	-6.31	-10.25	-5.40	-5.35	-2.75	-4.76	-6.68	-7.69	-14.28	-10.81	-14.75
330.00	-10.20	-6.41	-7.71	-8.51	-4.77	-3.98	-0.64	-1.67	-4.68	-4.59	-10.44	-10.87	-14.75
345.00	-10.26	-6.93	-8.49	-6.05	-4.04	-2.66	-0.06	-2.09	-3.72	-3.23	-7.88	-9.92	-14.75

Ant5													
Freq	6725.00												
Phi\ Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-14.15	-11.85	-2.62	0.64	2.61	3.5	2.75	3.01	1.21	-0.84	-4.09	-5.77	-13.48
15.00	-14.31	-11.63	-1.84	2.34	4.27	5.66	5.98	6.12	3.53	-0.29	-3.7	-4.26	-13.48
30.00	-14.59	-11.24	-2.3	3.38	5.69	7.23	7.44	7.46	4.56	0.65	-3.26	-4.79	-13.48
45.00	-14.49	-9.85	-4.19	3.22	6.43	8.21	7.29	7.25	5.38	1.53	-2.89	-4.35	-13.48
60.00	-14.05	-8.52	-6.92	1.57	5.3	7.75	5.78	5.31	4.7	1.89	-3.13	-3.66	-13.48
75.00	-13.97	-8.05	-6.36	-0.56	2.85	4.88	3.5	3.21	1.58	0.07	-3	-2.95	-13.48
90.00	-13.65	-8.54	-6.57	-3.97	-0.16	1.1	-0.08	0.99	-3.21	-2.74	-4.27	-3.23	-13.48
105.00	-13.54	-9.39	-7.84	-7.34	-4.75	-2.51	-6.99	-2.5	-4.97	-8.38	-7.84	-3.55	-13.48

120.00	-13.37	-9.88	-5.96	-8.41	-12.08	-10.6	-9.27	-4.4	-5.27	-9.11	-12.15	-4.94	-13.48
135.00	-13.22	-9.7	-4.36	-4.18	-7.74	-15.51	-13.28	-4.51	-6.16	-8.52	-19.19	-4.56	-13.48
150.00	-13.1	-10.15	-4.92	-4.76	-7.85	-7.01	-20	-5.26	-10.14	-9.16	-20.67	-5.39	-13.48
165.00	-13.36	-11.17	-5.92	-6.03	-11.33	-6.73	-12.72	-7.21	-12.98	-9.44	-31.06	-9.36	-13.48
180.00	-13.39	-12.8	-8.05	-6.62	-15.69	-9.85	-10.71	-9.69	-12.82	-12.37	-25.15	-8.34	-13.48
195.00	-13.41	-15.5	-11.12	-9	-13.78	-14.3	-16.4	-13.96	-16.91	-13.29	-18.57	-13.48	-13.48
210.00	-13.21	-17.94	-15.79	-11.57	-13.15	-17.25	-21.53	-14.37	-14.54	-11.88	-12.86	-10.63	-13.48
225.00	-13.13	-18.53	-17.01	-11.03	-16.17	-16.83	-14.86	-15.35	-14.2	-15.96	-9.76	-7.66	-13.48
240.00	-13.16	-19.63	-18.93	-16.81	-12.32	-19.03	-17.02	-22.39	-19.47	-12.93	-9.26	-5.89	-13.48
255.00	-13.37	-19.94	-18.76	-15.33	-20.82	-14.35	-11.12	-11.23	-18.1	-9.53	-9.53	-6.66	-13.48
270.00	-13.86	-18.48	-16.16	-14.81	-12.09	-19.58	-12.89	-13.45	-10.75	-12.6	-9.32	-8.6	-13.48
285.00	-14.15	-15.97	-12.38	-9.11	-14.9	-12.41	-16.26	-11.05	-13.21	-10.08	-10.71	-8.53	-13.48
300.00	-14.38	-14.01	-9.59	-9.2	-11.79	-10.54	-9.9	-9.6	-7.87	-6.61	-9.35	-8.04	-13.48
315.00	-14.36	-12.95	-7.63	-7.29	-6.8	-6.3	-7.26	-8.17	-5.62	-5.86	-8.67	-7.43	-13.48
330.00	-14.13	-12.7	-5.34	-4.51	-3.05	-2.18	-3.26	-3.9	-4.21	-3.42	-7.11	-5.93	-13.48
345.00	-13.99	-12.5	-3.4	-1.28	0.11	0.64	-0.47	-0.5	-1.47	-1.84	-5.24	-5.36	-13.48

Ant6													
Freq	6725.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-1.1	-	-	0	-	-	3	1	-	0	-	-	-

	5	0.71	9.38	.61	1.11	1.23	.75	.45	0.21	.81	2.79	20.39	20.39
15.00	-1.18	-1.67	-12.43	-2.98	-2.66	1.38	4.02	-1.11	-0.74	-1.5	-3.28	-17.58	-20.39
30.00	-1.11	-2.68	-11.43	-8.16	-3.81	-0.11	2.21	-3.38	-7.06	-2.77	-4.88	-11.71	-20.39
45.00	-1.04	-3.71	-9.6	-8.63	-2.17	-3.25	-0.28	-3.99	-11.97	-3.23	-4.08	-9.92	-20.39
60.00	-0.98	-4.85	-7.87	-7.67	-2.07	-3.08	-4.75	-6.68	-7.2	-3.36	-2.84	-13.28	-20.39
75.00	-0.97	-6.12	-7.32	-8.99	-7.51	-7.88	-4.68	-5.51	-4.06	-3.64	-3.26	-10.08	-20.39
90.00	-0.97	-7.52	-11.79	-11.32	-5.2	-6.86	-11.1	-3.9	-8.06	0.59	-5	-7.52	-20.39
105.00	-0.93	-7.34	-10.56	-4.29	-9.06	-3.55	-3.1	-13.39	-3.49	-4.44	-9.24	-7.75	-20.39
120.00	-0.88	-6.2	-6.07	-4.56	-8.89	-6.55	-4.77	-8.89	-14.74	-6.03	-5.98	-8.85	-20.39
135.00	-0.92	-5.75	-6.21	-9.61	-6.03	-5.94	-6.89	-14.57	-9.65	-8.91	-10.38	-12.16	-20.39
150.00	-0.89	-6.76	-7.51	-3.11	-0.99	-6.09	-6.59	-7.06	-13.49	-8.68	-10.62	-6.42	-20.39
165.00	-0.79	-7.14	-6.94	-3.6	-1.76	-8.66	-6.59	-4.23	-13.59	-4.2	-8.47	-4.82	-20.39
180.00	-0.78	-5.51	-3.64	-1.39	0.06	-2.25	-7.64	-0.81	-8.71	-1.81	-8.97	-3.55	-20.39
195.00	-0.81	-4.01	-0.61	1.48	2.51	4.07	-3.62	0.99	-8.56	0.07	-5.98	-4.22	-20.39
210.00	-0.88	-3.18	1.72	3.07	0.64	2.68	-3.36	1.15	-7.07	-2.14	-5.25	-5.16	-20.39
225.00	-1.06	-2.22	1.84	1.84	-8.26	-1.02	1.83	-0.07	-2.98	-8.58	-4.62	-7.52	-20.39
240.00	-1.05	-0.99	1.34	-0.38	-7.33	1.54	1.05	1.34	0.75	-3.43	-4.91	-8.92	-20.39
255.00	-0.99	0.1	-0.22	-2.48	0.64	3.19	5.19	5.15	3.4	-2.24	-6.07	-8.63	-20.39
270.00	-0.95	0.9	-1.94	-8.13	3.53	7.33	6.98	6.51	0.27	-4.28	-7.92	-5.07	-20.39
285.	-	1	-	-	-	3	4	1	-	-	-	-	-

00	1.05	.5	0.62	9.75	2.69	.1	.52	.12	3.39	11.52	8.7	2.94	20.39
300.00	-1.11	1.78	0.75	-2.52	-7.44	4.43	3.28	-1.43	-14.53	-8.62	-10.04	-4.04	-20.39
315.00	-1.17	1.66	0.11	-1.84	0.8	2.15	3.3	1.84	-3.26	-3.1	-11.77	-7.18	-20.39
330.00	-1.15	1.07	-2.27	-0.35	3.97	0.72	3.84	3.88	1.1	0.61	-5.65	-10.82	-20.39
345.00	-1.18	0.21	-5.05	1.26	2.43	-0.2	4.24	2.9	0.51	1.48	-3.42	-15.34	-20.39

Ant7													
Freq	6725.00												
Phi\ Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-11.76	-14.28	-5.55	-4.17	-2.73	0.92	-4.67	-3.49	-7.26	-11.47	-12.57	-2.78	-17.1
15.00	-11.8	-19.46	-5.67	-4.57	0.47	2.58	-0.91	-0.25	-4.72	-9.77	-8.04	-1.64	-17.1
30.00	-11.73	-23.84	-7.98	-4.25	2.65	4.9	5.29	2.64	-2.67	-8.63	-5.97	-1.34	-17.1
45.00	-11.49	-16.74	-11.48	-2.62	2.64	6.17	7.43	2.93	-1.82	-5.78	-5.07	-1.57	-17.1
60.00	-11.39	-12.42	-8.96	-1.96	-0.42	4.21	5.65	1.64	-2.7	-3.64	-2.23	-2.33	-17.1
75.00	-11.34	-10.41	-5.59	-0.73	-5.6	-1.75	0.92	1.01	-0.94	-1.96	-2.22	-2.97	-17.1
90.00	-11.43	-9.7	-5.17	-0.87	-2.19	0.21	2.96	2.87	0.97	-0.96	-1.61	-2.19	-17.1
105.00	-11.44	-9.68	-5.3	-0.82	-0.35	1.23	2.22	1.73	1.13	-2.35	-4.28	-2.27	-17.1
120.00	-11.45	-9.21	-4.14	-1.56	-1.95	3.76	5.43	3.2	-0.17	-1.8	-4.16	-3.07	-17.1
135.00	-11.38	-8.27	-3.89	-6.82	-1.62	5.68	7.27	5.18	-0.32	-1.33	-3.83	-3.7	-17.1
150.00	-11.53	-7.36	-4.86	-7.4	0.06	4.86	6.51	5.29	-0.3	-1.87	-3.98	-4.22	-17.1
165.00	-11.82	-6.87	-6.79	-3.74	0.16	4.01	5.77	4.01	-0.53	-4.85	-5.55	-5.56	-17.1

180.00	-12.05	-7.18	-7.98	-3.67	-0.97	3.69	5.31	2.91	-2.62	-6.31	-7.44	-7.51	-17.1
195.00	-12.12	-8.89	-9.6	-6.25	-1.06	1.07	3.42	0.97	-4.51	-9.74	-11.63	-9	-17.1
210.00	-12.26	-11.49	-10.79	-8.56	-1.98	0.65	1.63	-1.86	-6.11	-14.03	-15.65	-10.15	-17.1
225.00	-12.39	-13.16	-12.21	-11.73	-4.25	-2.58	-1.95	-2.79	-8.24	-17.54	-12.81	-11.8	-17.1
240.00	-12.43	-14.75	-13.74	-11.55	-7.77	-1.05	-3.87	-7.97	-10.88	-18.34	-11.79	-17.1	-17.1
255.00	-12.35	-16.96	-16.28	-11.84	-14.76	-8	-7.54	-6.42	-10.54	-19.32	-12.59	-11.45	-17.1
270.00	-12.44	-17.26	-10.08	-5.74	-6.96	-4.3	-5.25	-12.06	-10.28	-16.24	-12.78	-6.11	-17.1
285.00	-12.55	-14.92	-7.37	-4.29	-11.32	-12.32	-7.12	-8.93	-24.77	-14.69	-15.46	-6.19	-17.1
300.00	-12.6	-12.67	-6.42	-12.63	-15.35	-11.08	-8.23	-11.37	-13.69	-12.6	-15.8	-5.89	-17.1
315.00	-12.53	-11.41	-7.75	-10.49	-8.78	-12.31	-8.7	-8.82	-17.99	-14.86	-14.91	-6.12	-17.1
330.00	-12.26	-11.13	-9.28	-7.28	-11.28	-6.22	-4.85	-7.22	-8.93	-11.35	-10	-5.83	-17.1
345.00	-11.81	-12	-7.6	-5.88	-6.9	-3.13	-7.33	-7.78	-6.87	-10.49	-9.58	-4.62	-17.1

6725MHz Composite Gain（1SS）													
Freq	6725.00												
Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
0.00	-2.29	-2.04	-0.65	4.07	4.66	6.05	6.10	5.51	3.39	2.36	-0.77	-2.25	-11.76
15.00	-2.34	-3.23	-0.86	3.56	5.93	8.17	8.25	6.99	4.77	1.81	0.01	-0.84	-11.76
30.00	-2.32	-4.16	-1.64	3.12	7.11	9.28	10.01	8.08	4.38	1.98	0.14	-0.20	-11.76
45.00	-2.22	-3.79	-3.08	3.39	7.76	9.71	10.25	7.97	4.54	2.82	0.80	0.14	-11.76
60.00	-	-	-	2	6	8	8	6	4	3	2	-	-

	2.09	3.29	3.11	.87	.31	.79	.18	.15	.44	.46	.05	0.49	11.76
75.00	-2.06	-3.25	-1.62	2.13	2.59	4.70	5.31	5.06	3.93	3.06	1.96	0.02	-11.76
90.00	-2.03	-3.77	-2.64	0.38	2.50	3.57	3.78	5.20	2.10	3.84	1.27	0.75	-11.76
105.00	-1.99	-3.97	-2.87	1.03	0.77	3.41	2.97	2.02	2.73	0.06	-2.09	0.55	-11.76
120.00	-1.94	-3.51	-0.57	0.37	-1.80	2.49	4.14	2.86	-0.12	-0.36	-2.05	-0.53	-11.76
135.00	-1.93	-2.98	0.01	-1.82	0.04	3.51	4.71	3.52	0.26	-0.74	-4.30	-1.30	-11.76
150.00	-1.92	-3.20	-0.91	-0.14	2.48	3.83	3.81	4.26	-1.31	-1.12	-4.60	-0.53	-11.76
165.00	-1.95	-3.41	-1.77	0.38	1.70	2.89	3.67	3.65	-2.01	-1.10	-5.37	-1.59	-11.76
180.00	-1.99	-3.21	-1.53	1.14	1.53	3.60	3.36	3.65	-2.26	-1.04	-6.33	-1.43	-11.76
195.00	-2.02	-3.50	-1.01	1.37	2.92	4.54	2.44	2.97	-3.86	-0.96	-5.86	-3.32	-11.76
210.00	-2.06	-4.05	-0.32	1.51	1.64	3.45	1.12	1.84	-3.74	-2.94	-5.32	-3.50	-11.76
225.00	-2.19	-3.84	-0.57	0.22	-3.52	0.22	2.13	0.75	-2.55	-8.32	-3.62	-4.01	-11.76
240.00	-2.20	-3.34	-1.33	-2.06	-4.10	2.05	0.85	-0.46	-1.35	-4.59	-3.41	-4.73	-11.76
255.00	-2.18	-2.80	-2.88	-3.34	-2.16	1.39	3.24	3.40	0.81	-3.08	-4.22	-3.92	-11.76
270.00	-2.24	-2.07	-2.70	-4.02	2.07	4.89	4.79	3.45	-0.54	-4.78	-5.01	-1.70	-11.76
285.00	-2.37	-1.09	-0.69	-2.59	-3.30	0.85	2.38	0.22	-5.19	-7.12	-6.42	-0.81	-11.76
300.00	-2.46	-0.37	0.80	-2.30	-6.15	2.24	1.94	-1.55	-6.72	-4.16	-6.52	-1.07	-11.76
315.00	-2.48	-0.14	0.52	-1.02	0.88	1.28	2.32	1.20	-2.25	-1.91	-6.64	-2.12	-11.76
330.00	-2.38	-0.47	-0.40	1.20	3.38	2.66	4.22	3.65	1.71	1.33	-2.63	-2.47	-11.76
345.0	-	-	-	3	4	4	4	4	2	2	-	-	-

0	2.30	1.18	0.41	.28	.13	.02	.79	.01	.68	.44	0.95	2.51	11.76

6725MHz Composite Gain（3SS）													
Freq	6725.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-5.36	-4.99	-5.04	-0.47	0.19	1.49	1.85	1.08	-0.86	-1.55	-4.90	-5.73	-16.11
15.00	-5.40	-5.96	-4.85	-0.68	1.59	3.60	3.86	2.87	0.59	-2.34	-4.54	-4.45	-16.11
30.00	-5.34	-6.86	-5.63	-0.45	2.98	4.94	5.48	4.19	0.79	-2.15	-4.56	-4.23	-16.11
45.00	-5.26	-7.37	-7.28	-0.33	3.58	5.73	5.96	4.08	1.43	-1.42	-3.92	-4.11	-16.11
60.00	-5.18	-7.57	-7.84	-1.26	2.15	4.81	4.15	2.28	0.89	-0.90	-2.72	-4.51	-16.11
75.00	-5.16	-7.85	-6.37	-2.10	-1.00	1.15	1.04	0.84	-0.56	-1.58	-2.80	-4.32	-16.11
90.00	-5.16	-8.50	-7.06	-3.65	-2.05	-0.72	0.05	0.79	-2.02	-0.83	-3.37	-3.78	-16.11
105.00	-5.12	-8.67	-7.39	-3.36	-3.37	-1.10	-1.05	-1.55	-1.63	-4.41	-6.60	-3.97	-16.11
120.00	-5.07	-8.12	-5.30	-4.01	-5.58	-0.48	1.19	-0.65	-3.66	-4.63	-6.34	-5.02	-16.11
135.00	-5.09	-7.59	-4.71	-6.32	-4.33	-1.23	2.70	0.89	-3.70	-4.75	-7.63	-5.54	-16.11
150.00	-5.07	-7.86	-5.60	-4.75	-1.82	-0.68	1.96	1.11	-4.46	-5.20	-7.82	-5.25	-16.11
165.00	-5.01	-8.00	-6.53	-4.32	-2.27	-0.20	1.30	0.12	-4.86	-5.63	-8.52	-6.18	-16.11
180.00	-5.02	-7.57	-6.03	-3.39	-2.12	-0.05	0.86	-0.16	-6.12	-4.99	-9.86	-5.93	-16.11
195.00	-5.05	-7.33	-4.54	-2.29	-0.61	-1.11	-0.53	-0.71	-7.66	-4.09	-9.52	-7.37	-16.11
210.00	-5.12	-7.23	-2.74	-1.28	-2.12	-0.05	-1.93	-1.78	-7.99	-6.23	-9.00	-7.89	-16.11
225.00	-5.28	-6.56	-2.71	-2.53	-7.37	-3.42	-1.36	-2.90	-6.37	-12.18	-7.75	-8.60	-16.11

240.00	-5.27	-5.53	-3.26	-4.74	-8.64	-1.30	-2.46	-2.93	-3.69	-7.62	-7.72	-8.69	-16.11
255.00	-5.23	-4.54	-4.83	-6.58	-3.98	-1.19	0.74	0.76	-1.17	-6.20	-8.60	-8.49	-16.11
270.00	-5.22	-3.76	-5.95	-8.21	-0.76	2.86	2.50	1.84	-3.83	-8.22	-9.57	-6.36	-16.11
285.00	-5.33	-3.10	-4.33	-6.98	-6.68	-1.43	0.07	-3.01	-7.70	-11.70	-10.82	-5.28	-16.11
300.00	-5.40	-2.73	-2.93	-6.11	-10.37	-0.09	-1.00	-5.22	-10.95	-8.64	-10.94	-5.69	-16.11
315.00	-5.44	-2.76	-3.42	-5.08	-2.89	-1.91	-0.86	-2.19	-5.95	-5.84	-11.07	-6.87	-16.11
330.00	-5.40	-3.28	-4.76	-3.12	0.09	-1.71	0.31	0.06	-2.23	-2.52	-7.24	-6.99	-16.11
345.00	-5.39	-4.09	-5.02	-1.08	-0.03	-0.62	0.95	0.01	-1.67	-1.45	-5.40	-6.54	-16.11

Ant5													
Freq	7025.00												
Phi\ Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-11.49	-10	-3.31	0.17	2.66	3.16	1.82	0.32	-2.34	-2.78	-4.32	-3.06	-18.39
15.00	-11.44	-9.54	-2.58	1.95	4.53	5.88	4.85	2.89	-0.3	-1.95	-4.66	-2.8	-18.39
30.00	-11.39	-9.49	-2.07	3.14	5.68	7.14	6.66	4.24	-0.85	-2.23	-5.52	-3.83	-18.39
45.00	-11.32	-9.84	-3	3.51	6.05	7.47	6.31	4.72	-1.21	-4.1	-5.68	-3.88	-18.39
60.00	-11.37	-9.41	-6.1	2.55	5.15	6.85	4.53	3.53	0.02	-4.15	-5.4	-4.88	-18.39
75.00	-11.39	-8.74	-8.25	0.05	2.55	4.55	2.18	0.95	-1.14	-3.86	-5.39	-5.33	-18.39
90.00	-11.61	-8.51	-6.79	-3.23	-0.28	0.53	-1.07	-1.52	-6.4	-6.59	-7.16	-5.14	-18.39
105.00	-11.68	-8.76	-8.61	-7.04	-3.56	-2.14	-5.38	-5.31	-13.9	-15.3	-10.09	-5.01	-18.39
120.	-	-	-	-	-	-	-	-	-	-	-	-	-

00	11.47	9.44	8.65	11.19	9.71	5.87	9.12	7.52	11.08	19.55	12.38	5.64	18.39
135.00	-11.29	-10.1	-5.44	-4.84	-14.82	-14.85	-10.41	-6.58	-7.65	-15.87	-15.29	-5.33	-18.39
150.00	-11.01	-10.56	-5.38	-3.13	-8.52	-5.75	-18.2	-7.64	-6.61	-13.08	-14.11	-6.98	-18.39
165.00	-10.77	-12.14	-7.18	-4.75	-9.92	-3.11	-15.36	-8.28	-7.99	-13.79	-13.57	-10.82	-18.39
180.00	-10.93	-14.97	-9.37	-6.21	-12.07	-6.21	-11.85	-10.5	-8.11	-16.24	-15.71	-9.74	-18.39
195.00	-11.12	-16.96	-13.67	-8.25	-12.81	-10.74	-15.4	-14.95	-10.92	-16.79	-14.75	-18.39	-18.39
210.00	-11.2	-19.45	-20.11	-11.64	-12.53	-12.51	-16.11	-17.7	-10.05	-14.54	-12.16	-13.47	-18.39
225.00	-11.23	-23.62	-17.24	-9.36	-20.27	-14.99	-13.18	-21.18	-12.18	-15.5	-10.73	-10.45	-18.39
240.00	-11.14	-20.82	-18.71	-17.16	-14.17	-18.37	-22.3	-15.81	-10.65	-9.35	-11.16	-9.94	-18.39
255.00	-10.92	-16.9	-16.56	-15.54	-15.14	-15.75	-12.6	-13.29	-12.31	-9.05	-10.14	-10.49	-18.39
270.00	-10.83	-13.84	-11.47	-11.12	-12.91	-22.97	-17.11	-15.76	-8.86	-10.56	-8.37	-11.56	-18.39
285.00	-10.91	-12.3	-8.1	-9.67	-15.75	-15.25	-16.42	-15.39	-13.26	-8.33	-6.61	-8.55	-18.39
300.00	-11.12	-12.09	-7.88	-9.39	-11.61	-11.05	-12.3	-15.47	-9.91	-8.18	-6.64	-6.98	-18.39
315.00	-11.26	-11.9	-6.56	-7.96	-5.93	-8.93	-7.11	-11.33	-10.33	-10.35	-6.13	-6.16	-18.39
330.00	-11.51	-10.94	-5.26	-3.8	-2.4	-6.23	-4.13	-6.53	-6.97	-7.1	-5.92	-4.02	-18.39
345.00	-11.57	-10.13	-4.47	-1.78	0.44	-0.79	-1.53	-3.38	-4.69	-4.75	-4.62	-3.55	-18.39

Ant6													
Freq	7025.00												
Phi\Theta	**0.00**	**15.00**	**30.00**	**45.00**	**60.00**	**75.00**	**90.00**	**105.00**	**120.00**	**135.00**	**150.00**	**165.00**	**180.00**
0.00	-2.6	-	-	-	-	2	1	0	-	-	-	-	-

	9	1.92	3.21	7.32	8.84	.36	.15	.2	7.11	3.22	6.91	9.81	17.98
15.00	-2.81	-3.49	-7.11	-12.78	-5.4	1.37	1.87	-1.1	-4.4	-6.33	-6.09	-10.36	-17.98
30.00	-2.98	-5.27	-10.35	-16.75	-5.14	1.01	1.25	-6.65	-5.91	-7.39	-8.2	-7.42	-17.98
45.00	-3.03	-6.57	-11.37	-6.85	-7.75	-2.35	0.07	-11.98	-15.75	-7.58	-9.02	-5.89	-17.98
60.00	-2.92	-7.7	-13.45	-4.12	-4.13	-6.59	-6.56	-8.9	-7.94	-7.64	-7.51	-6.93	-17.98
75.00	-2.73	-8.85	-19.53	-7.18	-4.65	-4.37	-12.12	-5.64	-8.5	-6.74	-5.72	-10.61	-17.98
90.00	-2.5	-9.79	-18.48	-13.29	-10.43	-7.34	-18.38	-4.19	-10.13	-6.22	-5.63	-12.05	-17.98
105.00	-2.3	-9.57	-14.1	-8.45	-7.7	-2.89	-6.76	-7.78	-7.15	-7.69	-8.24	-11.96	-17.98
120.00	-2.38	-9.51	-12.61	-9.98	-14.94	-6.53	-5.22	-17.68	-17.36	-9.23	-8.67	-13.68	-17.98
135.00	-2.39	-9.66	-10.38	-14.14	-6.85	-5.13	-5.98	-12.12	-10.71	-12.28	-8.86	-17.98	-17.98
150.00	-2.55	-9.86	-8.98	-4.69	-2.83	-6.17	-12.82	-10.26	-18.64	-11.13	-11.27	-11.29	-17.98
165.00	-2.55	-9.67	-10.81	-6.32	-2.91	-7.31	-16.61	-8.58	-12.22	-7.17	-12.9	-10.54	-17.98
180.00	-2.52	-8.93	-8.65	-10.54	-0.98	-1.47	-12.4	-4.24	-11.87	-4.74	-11.61	-8.58	-17.98
195.00	-2.36	-7.19	-5.22	-9.17	-1.08	0.76	-2.72	-0.43	-12.44	-3.83	-10.19	-6.87	-17.98
210.00	-2.32	-5.06	-4.17	-6.98	-5.29	-3.54	0.03	-1.54	-13.09	-5.97	-10.3	-8.68	-17.98
225.00	-2.24	-3.56	-2.8	-3.59	-8.35	0.1	1.26	-5.47	-6.18	-8.29	-9.55	-9.63	-17.98
240.00	-2.37	-2.68	-2.69	-0.89	-1.43	0.25	0.3	-1.91	-2.15	-5.83	-7.57	-9.76	-17.98
255.00	-2.47	-1.91	-3.83	-1.87	2.42	3.14	4.68	2.47	0.37	-3.71	-4.74	-9.5	-17.98
270.00	-2.71	-1.17	-5.4	-9.77	3.7	5.23	6.23	3.73	0.34	-3.39	-6.47	-9	-17.98
285.	-	-	-	-	-	2	5	1	-	-	-	-	-

00	2.88	0.56	4.16	10.69	3.14	.53	.32	.99	3.49	9.09	11.7	7.58	17.98
300.00	-2.91	-0.24	-1.92	-3.93	-3.11	4.06	0.93	-0.9	-10.1	-7.33	-8.59	-8.26	-17.98
315.00	-2.85	-0.13	-0.66	-6.63	-14.55	0.04	-5.1	1.49	-6.69	-5.74	-12.35	-8.31	-17.98
330.00	-2.72	-0.29	-0.42	-6.49	-3.42	0.78	-0.9	3.13	-6.72	-3.84	-13.27	-9.37	-17.98
345.00	-2.64	-0.85	-1.46	-6.5	-5.94	2.31	-1.95	1.25	-7.92	-2.84	-9.21	-10.39	-17.98

Ant7													
Freq	7025.00												
Phi\ Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-10.59	-20.62	-6.91	-3.03	-2.37	-0.71	-5.12	-5.39	-5.89	-10.93	-10.36	-4.3	-17.63
15.00	-10.54	-24.94	-7.2	-4.83	-0.73	-0.53	-1.19	-1.71	-2.83	-9.97	-7.65	-4.05	-17.63
30.00	-10.31	-19	-8.92	-3.83	0.9	3.16	4.79	1.66	-2.15	-7.46	-5.76	-3.84	-17.63
45.00	-9.96	-15.54	-10.1	-3.15	0.64	4.97	5.78	1.07	-2.28	-3.69	-3.86	-4.08	-17.63
60.00	-9.59	-14.18	-8.32	-2	-1.55	1.88	2.51	0.78	-2.28	-2.49	-2.65	-5.01	-17.63
75.00	-9.39	-12.78	-6.86	-1.58	-2.67	-4.33	0.87	1.21	-1.15	-2.73	-4.93	-6.11	-17.63
90.00	-9.52	-11.28	-5.47	-2.6	-3.47	-2.8	0.81	1.06	-0.57	-4	-6.56	-5.88	-17.63
105.00	-9.65	-9.56	-3.89	-3.19	-2.21	-0.44	0.27	0.57	-2.13	-4.06	-8.46	-6.04	-17.63
120.00	-9.78	-8.33	-4.07	-4.31	-1.83	2.76	4.19	1.6	-5.86	-4.96	-6.75	-7.03	-17.63
135.00	-9.67	-7.65	-6.43	-7.16	-1.49	3.43	5.45	2.69	-2.57	-10.2	-6.39	-9.04	-17.63
150.00	-9.49	-7.46	-11.02	-3.79	-0.57	1.43	5	3.13	-0.9	-10.06	-8.11	-10.32	-17.63
165.00	-9.39	-7.63	-15.52	-1.69	-0.78	3.75	4.13	1.28	-2.61	-7.67	-10.82	-12.32	-17.63

180.00	-9.51	-8.15	-14.32	-2.21	-2.37	5.15	3.45	-0.78	-6.49	-6.75	-11.78	-14.38	-17.63
195.00	-9.64	-8.69	-12.74	-3.54	-5.02	3.2	2.99	-2.91	-10.7	-8.05	-14.48	-15.73	-17.63
210.00	-9.89	-9.26	-10.34	-7.52	-4.36	-0.35	0.48	-4.78	-10.87	-11.77	-15.62	-14.23	-17.63
225.00	-10.13	-10.34	-10.8	-9.33	-5.83	-1.49	-0.89	-5.46	-14.02	-13.26	-23.36	-13.45	-17.63
240.00	-10.43	-11.68	-13.86	-12.23	-7.89	-4.4	-6.45	-10.72	-10.97	-13.25	-16.17	-17.63	-17.63
255.00	-10.51	-12.38	-14.16	-19.89	-13.38	-5.49	-4.79	-7.8	-15.05	-16.31	-13.36	-16.65	-17.63
270.00	-10.57	-13.4	-13.64	-9.08	-8.86	-7.07	-6.43	-13.63	-10.5	-20.63	-17.91	-10.36	-17.63
285.00	-10.52	-14.99	-9.75	-5.9	-10.91	-11.38	-8.08	-11.42	-19.09	-15.95	-15.79	-8.82	-17.63
300.00	-10.43	-16.9	-8.84	-9.82	-19.81	-13.66	-8.96	-10.87	-12.95	-13.36	-15	-7.62	-17.63
315.00	-10.46	-17.8	-10.14	-10.68	-8.95	-9.77	-13.91	-11.36	-14.77	-13.81	-15.81	-7.45	-17.63
330.00	-10.55	-17.44	-11.89	-6.56	-8.19	-8.31	-7.91	-9.08	-9.13	-10.41	-12.96	-7.62	-17.63
345.00	-10.51	-17.84	-8.41	-4.93	-6.43	-4.09	-8.71	-9.31	-8.43	-9.36	-12.29	-6.33	-17.63

7025MHz Composite Gain（1SS）													
Freq	7025.00												
Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
0.00	-2.52	-3.11	-0.46	1.90	3.12	6.53	4.56	3.52	-0.10	-0.16	-2.08	-0.50	-13.22
15.00	-2.57	-4.27	-0.58	1.48	5.17	7.44	6.96	5.05	2.43	-0.70	-1.28	-0.39	-13.22
30.00	-2.60	-4.84	-1.55	2.17	6.32	8.92	9.28	5.61	2.05	-0.56	-1.64	-0.10	-13.22
45.00	-2.53	-5.14	-2.56	3.69	6.09	9.03	9.24	5.07	0.34	-0.19	-1.16	0.20	-13.22
60.00	-	-	-	4	5	7	6	4	1	0	-	-	-

	2.39	5.25	4.01	.04	.51	.07	.08	.64	.97	.27	0.19	0.79	13.22
75.00	-2.24	-5.16	-5.25	2.38	3.73	4.48	3.66	4.13	1.79	0.49	-0.57	-2.29	-13.22
90.00	-2.19	-5.02	-3.87	-0.44	0.98	2.14	1.68	3.48	-0.03	-0.75	-1.66	-2.42	-13.22
105.00	-2.12	-4.52	-3.13	-1.16	0.58	3.01	1.37	1.33	-1.70	-3.11	-4.12	-2.41	-13.22
120.00	-2.15	-4.31	-2.98	-3.18	-2.39	2.67	3.25	0.11	-5.46	-4.64	-4.19	-3.37	-13.22
135.00	-2.10	-4.30	-2.40	-3.13	-1.38	2.15	3.78	1.59	-1.55	-7.71	-4.67	-4.59	-13.22
150.00	-2.08	-4.42	-3.37	0.92	1.39	2.02	1.80	1.90	-1.33	-6.56	-6.05	-4.56	-13.22
165.00	-2.01	-4.85	-5.75	0.74	1.02	3.76	0.93	0.88	-1.95	-4.30	-7.58	-6.42	-13.22
180.00	-2.06	-5.43	-5.67	-0.90	0.82	5.18	1.18	0.46	-3.77	-3.24	-8.07	-5.79	-13.22
195.00	-2.04	-5.25	-4.89	-1.85	-0.30	4.26	2.51	0.55	-6.55	-3.30	-8.11	-7.42	-13.22
210.00	-2.09	-4.69	-4.59	-3.71	-1.94	0.63	2.14	-0.99	-6.47	-5.23	-7.65	-6.99	-13.22
225.00	-2.11	-4.48	-3.56	-2.21	-4.85	1.39	2.38	-3.53	-5.35	-7.04	-7.97	-6.26	-13.22
240.00	-2.23	-4.05	-4.33	-2.59	-1.56	0.10	-0.76	-2.79	-2.12	-4.19	-6.18	-6.99	-13.22
255.00	-2.26	-3.29	-4.88	-4.15	-0.11	1.80	3.27	1.04	-1.47	-3.50	-3.90	-6.92	-13.22
270.00	-2.39	-2.55	-4.67	-5.18	1.75	2.61	3.74	0.84	-0.17	-4.21	-4.92	-5.47	-13.22
285.00	-2.49	-2.11	-2.24	-3.73	-3.60	0.24	2.80	-0.18	-4.79	-5.75	-5.79	-3.53	-13.22
300.00	-2.53	-2.07	-0.87	-2.50	-4.23	1.61	-0.10	-2.13	-6.11	-4.47	-4.64	-2.83	-13.22
315.00	-2.53	-2.05	-0.12	-3.49	-4.35	-0.23	-3.20	-0.02	-5.22	-4.56	-5.72	-2.49	-13.22
330.00	-2.53	-1.94	0.10	-0.75	0.44	1.10	0.92	2.30	-2.77	-1.94	-5.24	-1.94	-13.22
345.0	-	-	0	0	1	4	1	1	-	-	-	-	-

0	2.49	2.19	.44	.59	.39	.30	.27	.98	2.08	0.47	3.36	1.55	13.22

7025MHz Composite Gain（3SS）													
Freq	7025.00												
Phi\Theta	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00	150.00	165.00	180.00
0.00	-6.34	-6.01	-4.17	-2.41	-0.70	1.90	0.19	-0.95	-4.62	-4.42	-6.54	-4.90	-17.99
15.00	-6.42	-7.27	-5.05	-1.87	1.22	3.10	2.52	0.54	-2.18	-4.90	-5.96	-4.73	-17.99
30.00	-6.52	-8.52	-5.52	-0.80	2.42	4.53	4.76	1.60	-2.50	-4.95	-6.34	-4.74	-17.99
45.00	-6.49	-9.31	-6.50	-0.10	2.52	4.92	4.81	1.57	-3.39	-4.81	-5.70	-4.53	-17.99
60.00	-6.36	-9.68	-8.36	-0.27	1.62	3.43	2.08	0.77	-2.32	-4.28	-4.73	-5.51	-17.99
75.00	-6.19	-9.76	-9.13	-1.99	-0.49	0.77	-0.09	-0.24	-2.52	-4.14	-5.33	-6.81	-17.99
90.00	-6.06	-9.71	-7.72	-4.47	-3.07	-2.13	-1.76	-1.04	-3.97	-5.45	-6.40	-6.80	-17.99
105.00	-5.93	-9.28	-7.10	-5.63	-3.94	-1.70	-2.83	-2.73	-5.50	-7.05	-8.86	-6.79	-17.99
120.00	-5.99	-9.06	-7.11	-7.39	-5.77	-1.03	0.07	-2.62	-9.26	-8.24	-8.70	-7.66	-17.99
135.00	-5.97	-9.00	-6.95	-7.30	-5.00	-0.72	1.08	-1.47	-5.69	-12.21	-8.87	-8.40	-17.99
150.00	-6.03	-9.08	-7.82	-3.82	-2.90	-1.99	0.32	-1.11	-4.58	-11.25	-10.49	-9.12	-17.99
165.00	-5.99	-9.44	-9.96	-3.82	-3.16	-0.07	-0.56	-2.65	-5.92	-8.70	-12.27	-11.16	-17.99
180.00	-6.01	-9.82	-10.16	-5.09	-3.19	-1.49	-1.09	-3.63	-8.30	-7.21	-12.67	-10.28	-17.99
195.00	-5.93	-9.38	-8.79	-6.24	-4.18	-0.50	-0.70	-3.16	-11.29	-7.05	-12.60	-10.85	-17.99
210.00	-5.94	-8.32	-7.91	-8.28	-6.21	-3.24	-1.45	-4.55	-11.16	-9.27	-12.18	-11.38	-17.99
225.00	-5.91	-7.47	-6.80	-6.51	-8.57	-2.30	-1.35	-7.17	-9.44	-11.28	-11.76	-10.89	-17.99

240.00	-6.04	-6.88	-7.04	-5.26	-5.13	-3.20	-3.62	-5.99	-5.87	-8.49	-10.37	-11.26	-17.99
255.00	-6.10	-6.18	-8.01	-6.39	-2.16	-1.02	0.45	-1.81	-4.06	-7.19	-7.97	-11.29	-17.99
270.00	-6.28	-5.47	-8.72	-9.91	-0.75	0.71	1.71	-0.91	-3.63	-7.33	-8.89	-10.18	-17.99
285.00	-6.41	-4.91	-6.68	-8.24	-7.04	-2.00	0.77	-2.51	-7.72	-10.06	-9.83	-8.28	-17.99
300.00	-6.45	-4.65	-5.06	-6.82	-7.23	-0.51	-3.23	-5.12	-10.78	-8.94	-8.90	-7.59	-17.99
315.00	-6.42	-4.55	-4.06	-8.12	-8.56	-3.83	-7.41	-2.85	-9.45	-8.74	-9.61	-7.22	-17.99
330.00	-6.36	-4.63	-3.73	-5.42	-4.04	-2.78	-3.43	-0.97	-7.48	-6.33	-9.29	-6.42	-17.99
345.00	-6.30	-5.06	-3.92	-3.95	-2.76	-0.11	-3.08	-1.96	-6.68	-4.90	-7.58	-5.93	-17.99