



Aruba AP-503R Antenna Test Report

Date : Jul. 13, 2022

Prepared by : Rachel Zhao / AK Chen

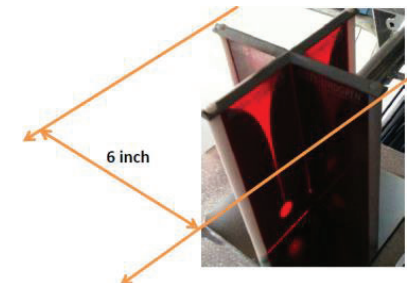
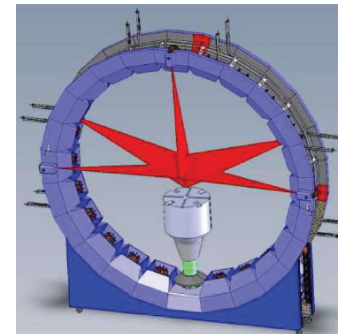
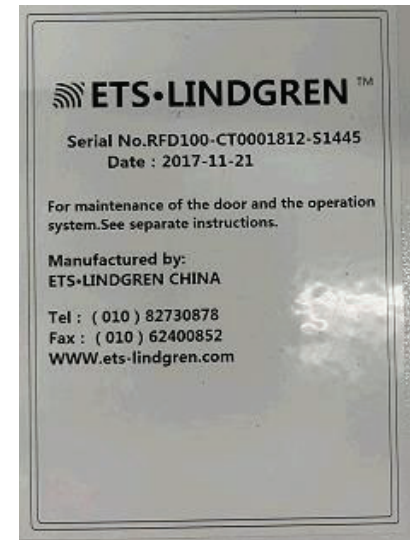
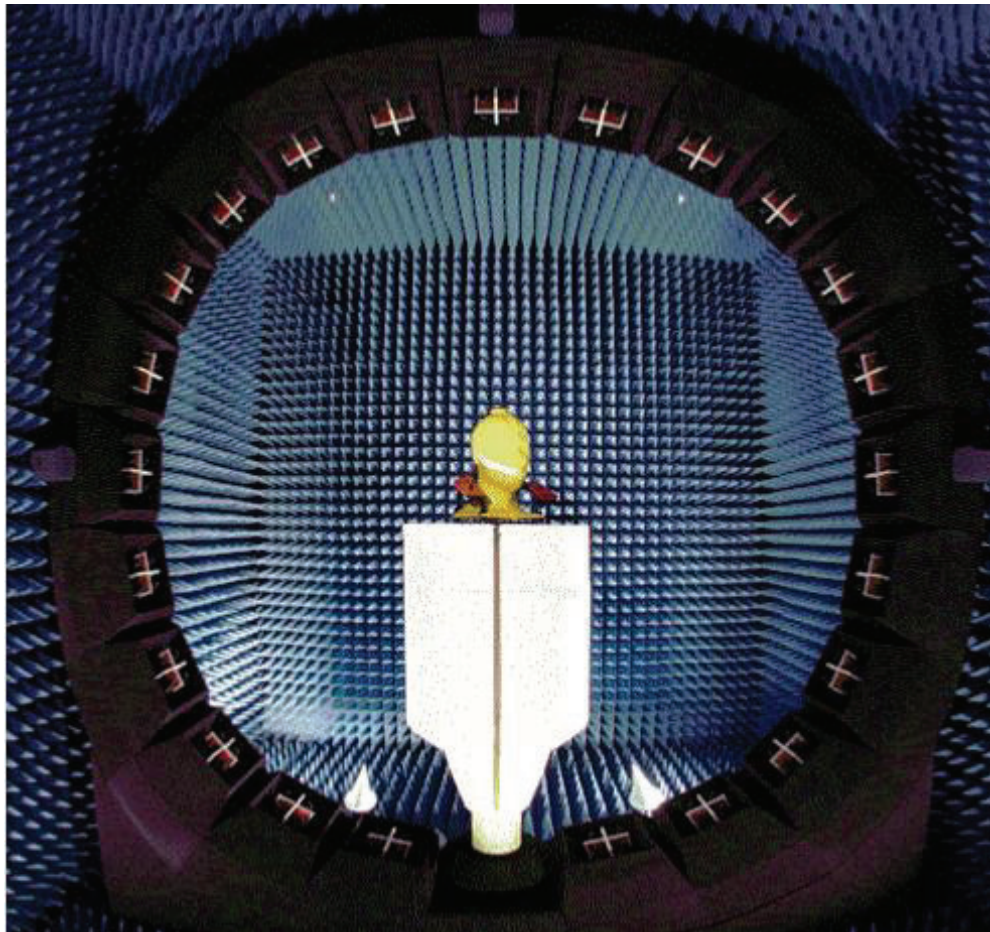


Test Information

Iteam	Description
Brand Name	Aruba
Equipment	Wi-Fi 11ax Dual Band Access Point
Test Location	1F, No. 26, Xinghai Street, Suzhou Industrial Park, Jiangsu, China.
Test Condition	Radiation
Test Engineer	Rachel Zhao, Sercomm
Test Environment	ETS-Lindgren AMS8923
Test Date	Jun. 16, 2022 ~ Jul. 10, 2022

Test Configuration

ETS-Lindgren AMS8923 antenna measurement system with a size of $4.9(L) \times 4.9(W) \times 4.9(H)$ m³ is used for antenna performance test. It includes a custom multi-antenna array ring that installs a system of dual-polarized antennas. With a switch control box integrated on the ring, the test system provides fast switching between antennas for high speed testing.



SERCOM

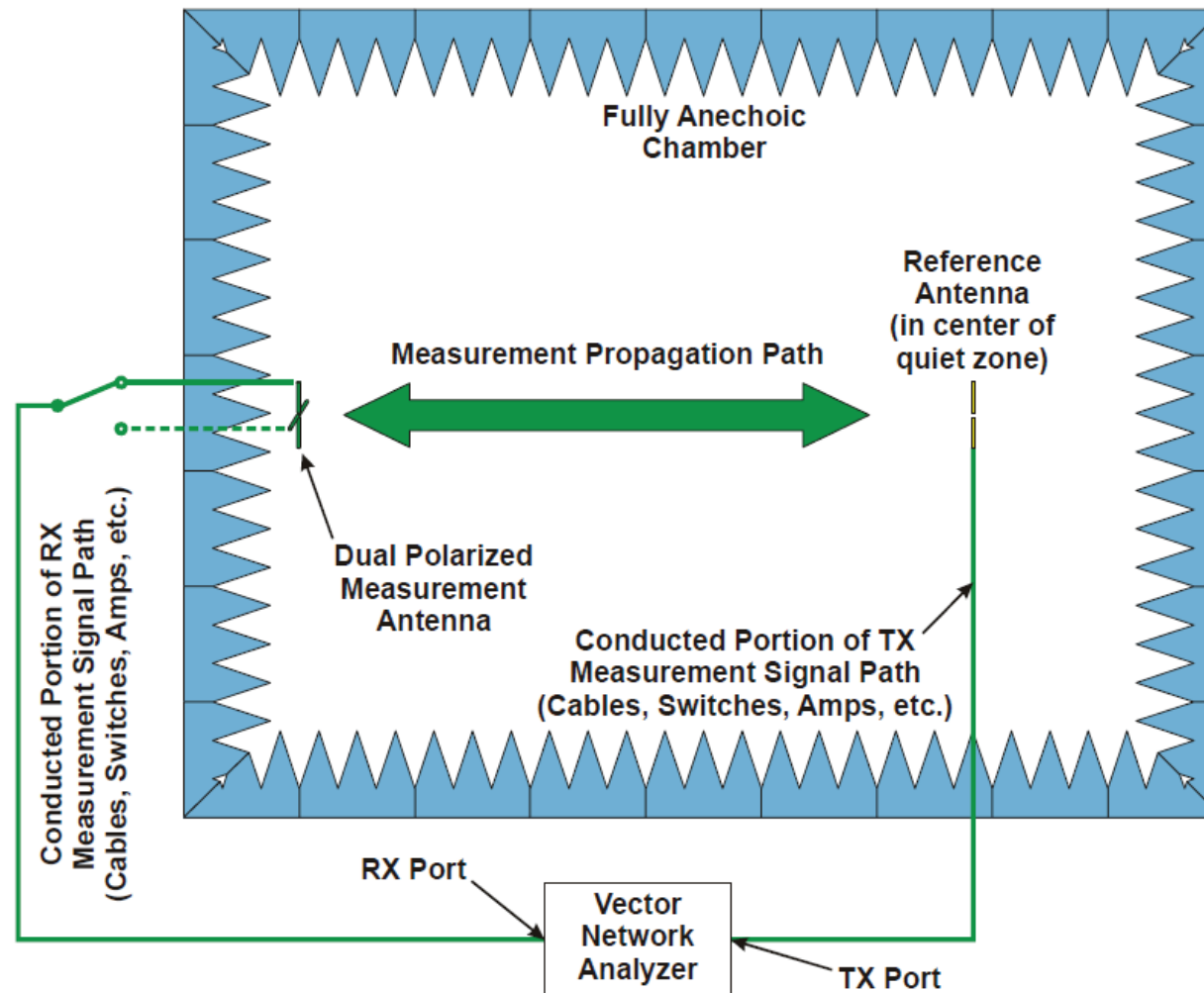
Test Setup & Procedure

1. Fix the DUT on the dielectric support structure and connect the feeding cable to the antenna used for test
2. Set measurement parameters such as frequency range and sampling angle
3. Perform test and then get far-field data (radiation pattern, gain, efficiency)
4. Repeat test procedure for other antennas



Test Equipment & Calibration

Network analyzer and reference antennas are used for calibration. Path loss and cable loss for different frequency bands can be checked and calculated.



Test Equipment & Calibration

Instrument	Brand	Characteristics	Model No.	Serial No.	Calibration Due Date
Precision Sleeve Dipole	ETS-Lindgren	700 MHz ~ 900 MHz	3126-700	00218044	Sep. 26, 2022
Precision Sleeve Dipole	ETS-Lindgren	900 MHz ~ 1000 MHz	3126-900	00218062	Sep. 26, 2022
Precision Sleeve Dipole	ETS-Lindgren	1400 MHz ~ 1700 MHz	3126-1550	00218061	Sep. 26, 2022
Precision Sleeve Dipole	ETS-Lindgren	1700 MHz ~ 2000 MHz	3126-1850	00218064	Sep. 26, 2022
Precision Sleeve Dipole	ETS-Lindgren	2000 MHz ~ 2300 MHz	3126-2150	00218068	Sep. 26, 2022
Precision Sleeve Dipole	ETS-Lindgren	2300 MHz ~ 2700 MHz	3126-2500	00218048	Sep. 26, 2022
Precision Sleeve Dipole	ETS-Lindgren	5000 MHz ~ 6000 MHz	3126-5500	00218065	Sep. 26, 2022
EMQuest Antenna Measurement Software	ETS-Lindgren	Control chamber system	EMQ-100	1596	Non-Calibration Required

Antenna Details

Ant No.	Operating Band	Type	Material	Feeding	Polarization
WiFi 2G/5G (Ant 0)	2400 MHz ~ 2500 MHz 5150 MHz ~ 5900 MHz	PIFA	Metal	Cable	Hybrid
WiFi 2G/5G (Ant 1)	2400 MHz ~ 2500 MHz 5150 MHz ~ 5900 MHz	PIFA	Metal	Cable	Hybrid

Result Summary - Gain & Efficiency Table

WiFi 2/5G_ANT0		
Frequency (MHz)	Peak Gain (dBi)	Efficiency (%)
2400	3.65	70
2450	3.94	73
2500	3.70	71
5150	4.80	70
5500	5.11	72
5850	4.52	69
5900	4.29	67

WiFi 2/5G_ANT1		
Frequency (MHz)	Peak Gain (dBi)	Efficiency (%)
2400	3.59	71
2450	3.72	73
2500	3.07	70
5150	4.80	68
5500	4.53	70
5850	4.58	73
5900	4.35	70

Result Summary - Uncorrelated Gain & Correlated Gain

Frequency (MHz)	Uncorrelated Gain (dBi)	Correlated Gain (dBi)
2400	3.02	6.00
2450	3.14	6.11
2500	3.06	6.06

Frequency (MHz)	Uncorrelated Gain (dBi)	Correlated Gain (dBi)
5150	3.70	6.69
5500	3.45	6.40
5850	3.91	6.92
5900	3.71	6.57

Calculations (1/2)

Because the antennas are fixed in location within the device the directional antenna gain for MIMO is calculated over a sphere using the raw spatial data taken at 2 degree steps of theta and phi for each antenna using the equations from KDB 662911 D01. The raw antenna data is located in the appendix of this report.

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

The uncorrelated gain was calculated for each point in the spatial data, and the highest value reported.

2.4GHz uncorrelated calculation:

Maximum uncorrelated gain: 3.14dBi

$$= 10 \cdot \log\left(\frac{10^{(G0/10)} + 10^{(G1/10)}}{2}\right)$$

$$= 10 \cdot \log\left(\frac{10^{(3.88/10)} + 10^{(2.24/10)}}{2}\right)$$

This occurs at: 2450MHz, phi 180/theta 60

5GHz uncorrelated calculation:

Maximum uncorrelated gain: 3.91dBi

$$= 10 \cdot \log\left(\frac{10^{(G0/10)} + 10^{(G1/10)}}{2}\right)$$

$$= 10 \cdot \log\left(\frac{10^{(4.21/10)} + 10^{(3.59/10)}}{2}\right)$$

This occurs at: 5850MHz, phi 140/theta -60

Calculations (2/2)

Because the antennas are fixed in location within the device the directional antenna gain for MIMO is calculated over a sphere using the raw spatial data taken at 2 degree steps of theta and phi for each antenna using the equations from KDB 662911 D01. The raw antenna data is located in the appendix of this report.

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

The correlated gain was calculated for each point in the spatial data, and the highest value reported.

2.4GHz correlated calculation:

Maximum correlated gain: 6.11dBi

$$= 10 \cdot \log(((10^{(G0/20)}) + (10^{(G1/20)}))^2 / 2)$$

$$= 10 \cdot \log(((10^{(3.88/20)}) + (10^{(2.24/20)}))^2 / 2)$$

This occurs at: 2450MHz, phi 180/theta 60

5GHz correlated calculation:

Maximum correlated gain: 6.92dBi

$$= 10 \cdot \log(((10^{(G0/20)}) + (10^{(G1/20)}))^2 / 2)$$

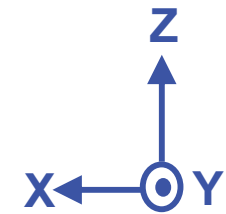
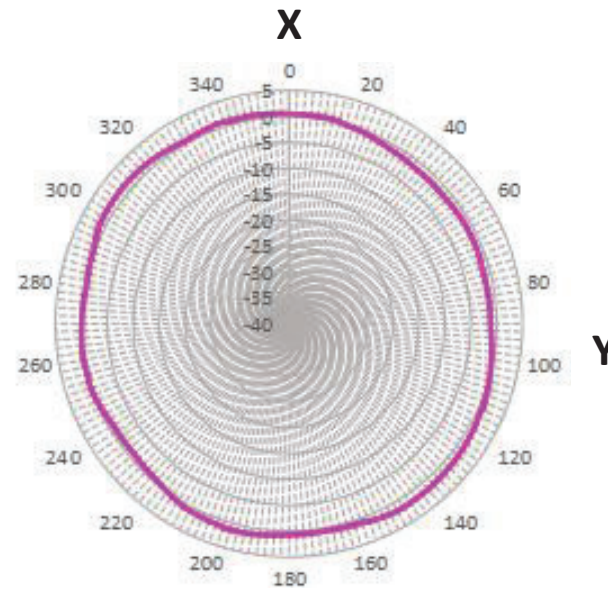
$$= 10 \cdot \log(((10^{(4.21/20)}) + (10^{(3.59/20)}))^2 / 2)$$

This occurs at: 5850MHz, phi 140/theta -60

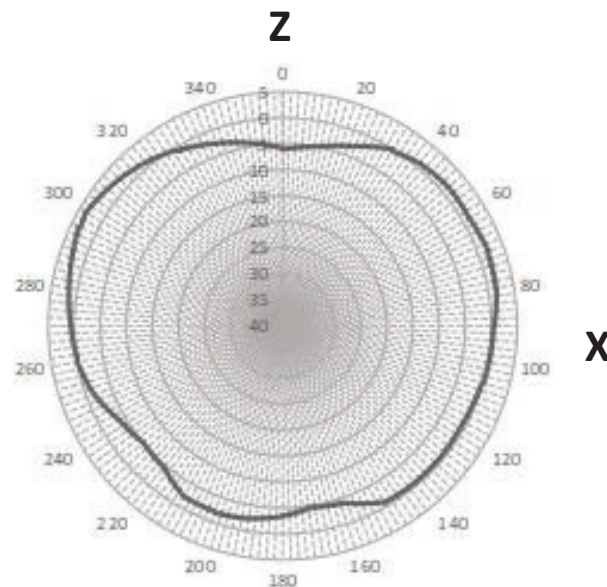
Appendix

2D Radiation Pattern – WiFi 2/5G_ANT0 @2.4GHz

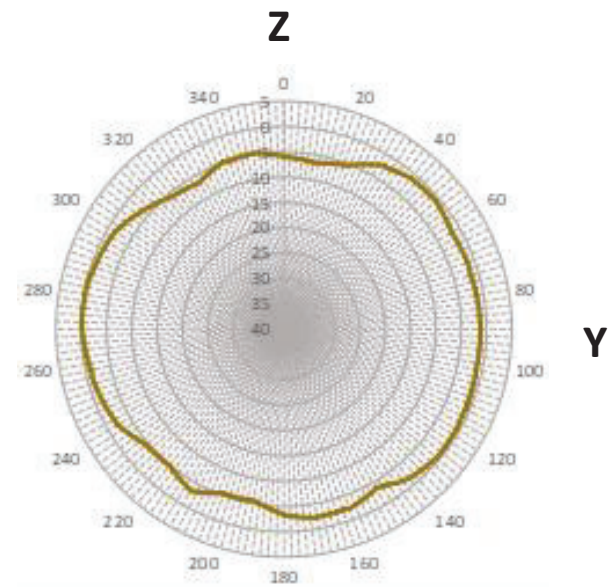
X-Y plane Gain Flatness (dB)	4
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X-Y plane



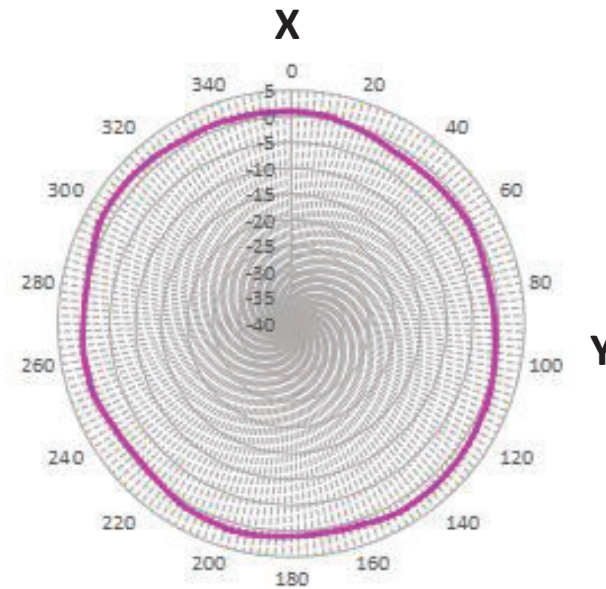
X-Z plane



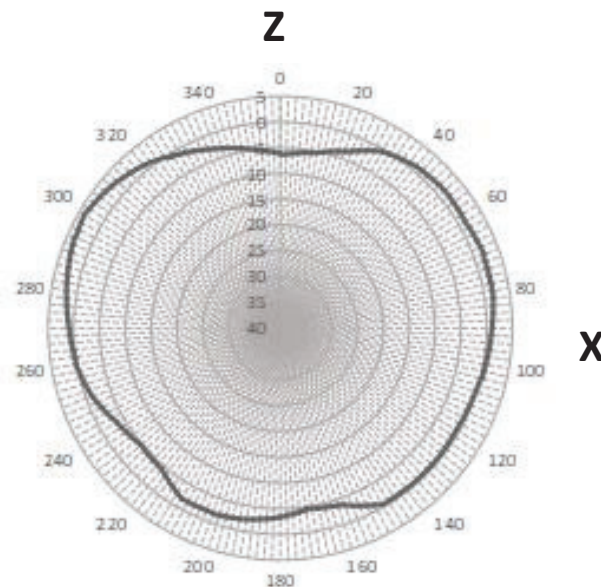
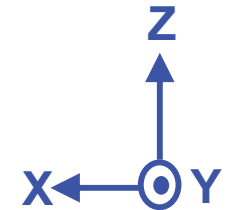
Y-Z plane

2D Radiation Pattern – WiFi 2/5G_ANT0 @2.45GHz

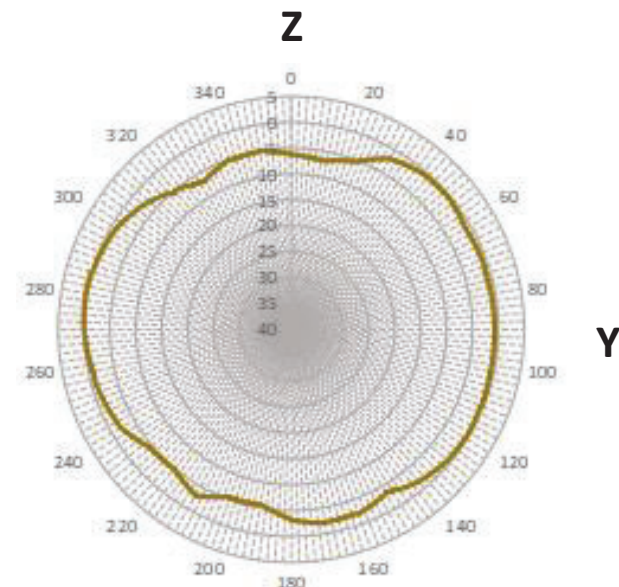
X-Y plane Gain Flatness (dB)	4
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X-Y plane



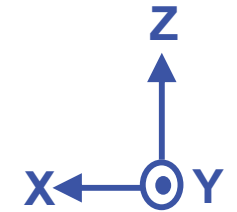
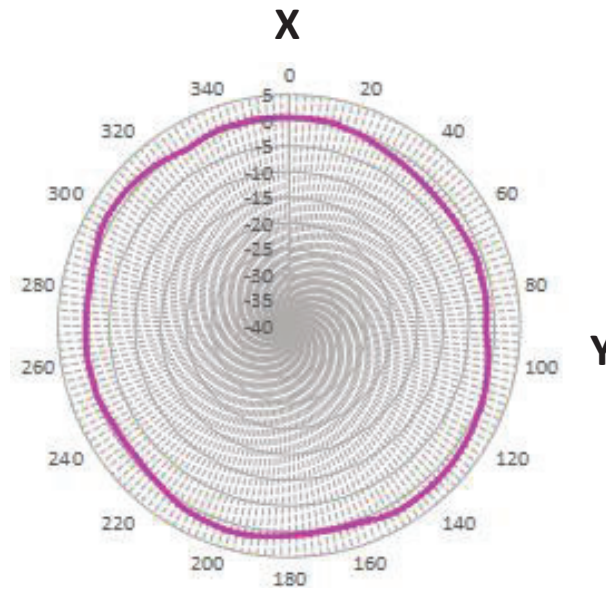
X-Z plane



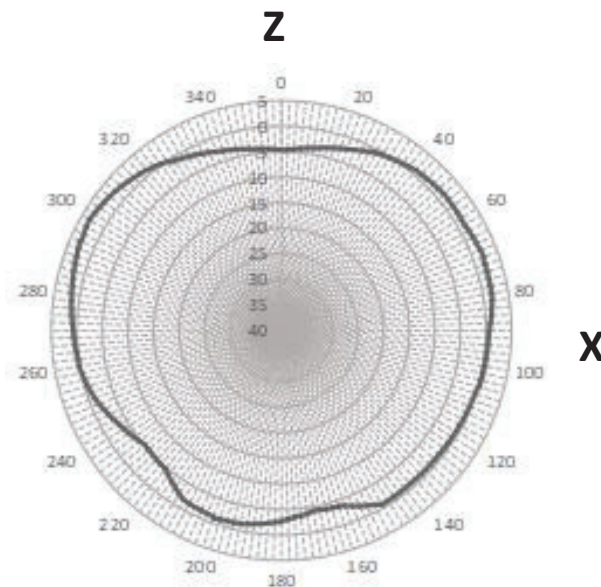
Y-Z plane

2D Radiation Pattern – WiFi 2/5G_ANT0 @2.5GHz

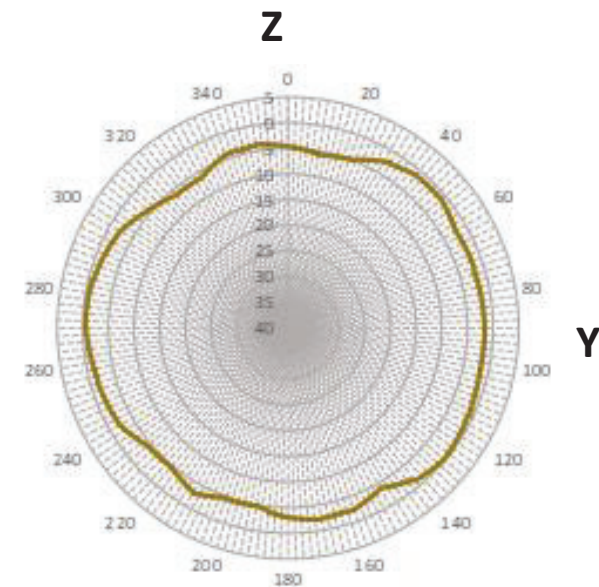
X-Y plane	
Gain Flatness (dB)	5



X-Y plane



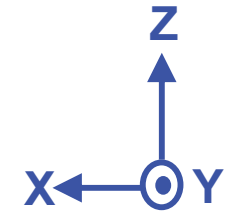
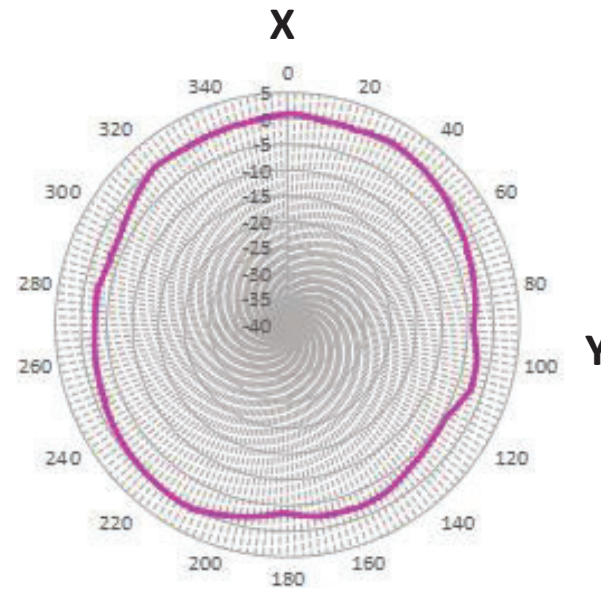
X-Z plane



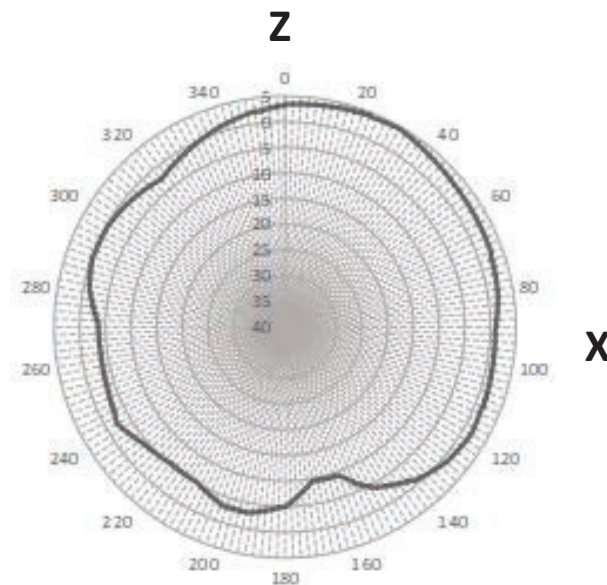
Y-Z plane

2D Radiation Pattern – WiFi 2/5G_ANT0 @5.15GHz

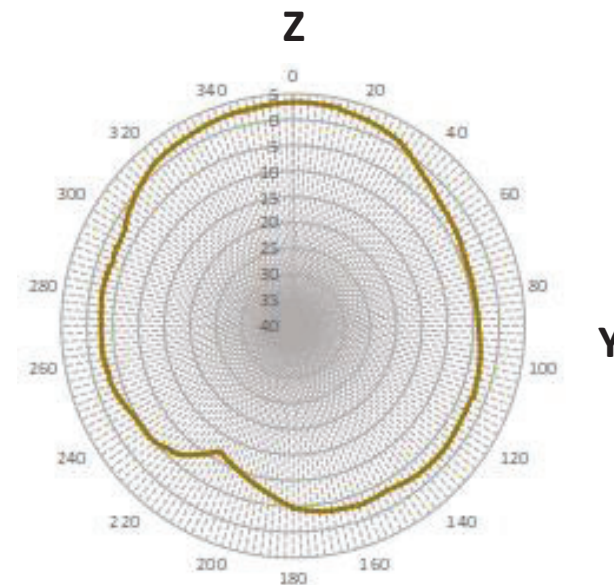
X-Y plane	
Gain Flatness (dB)	7



X-Y plane



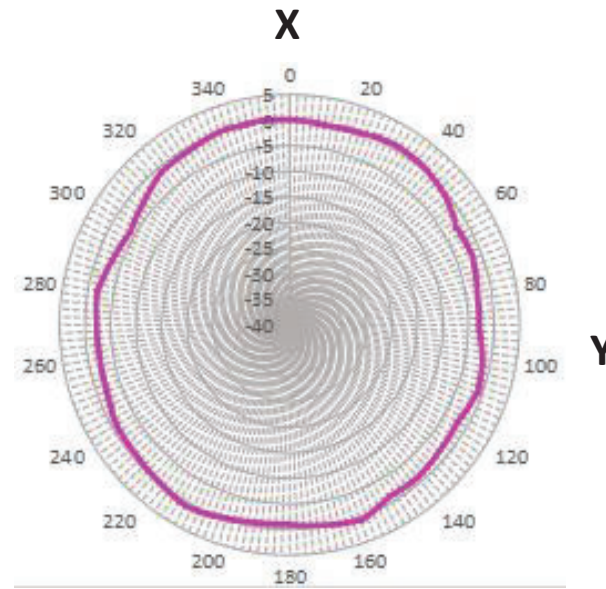
X-Z plane



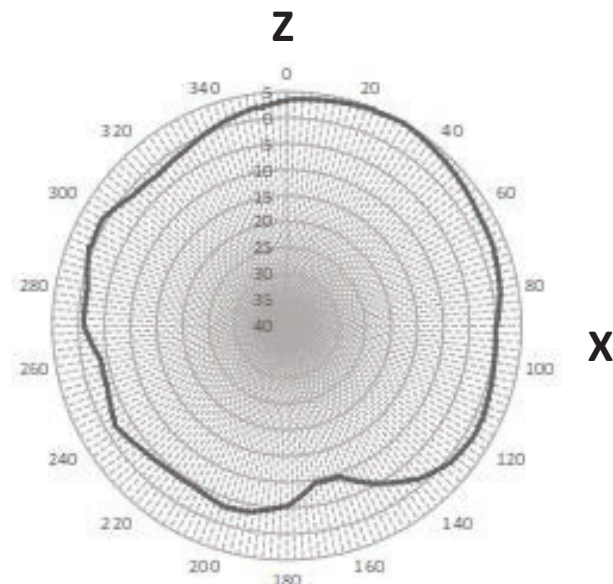
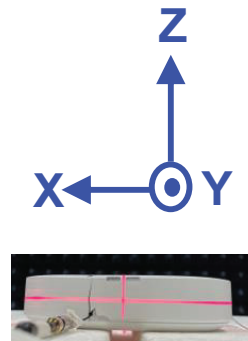
Y-Z plane

2D Radiation Pattern – WiFi 2/5G_ANT0 @5.5GHz

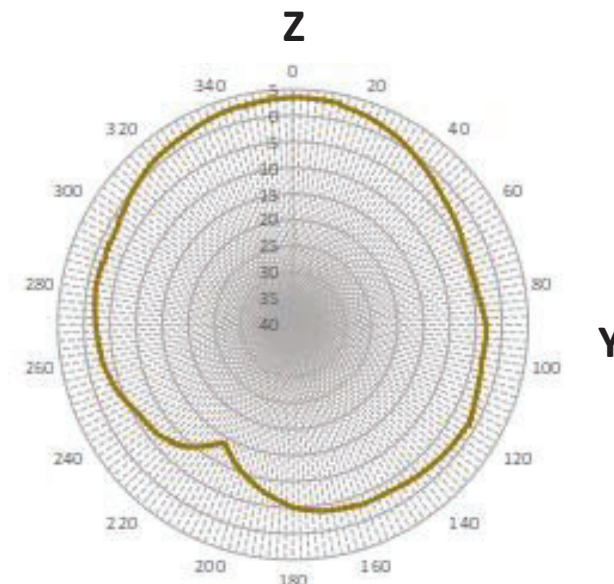
X-Y plane Gain Flatness (dB)	6
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X-Y plane



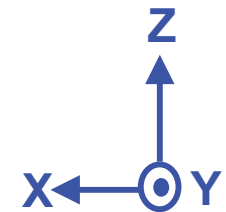
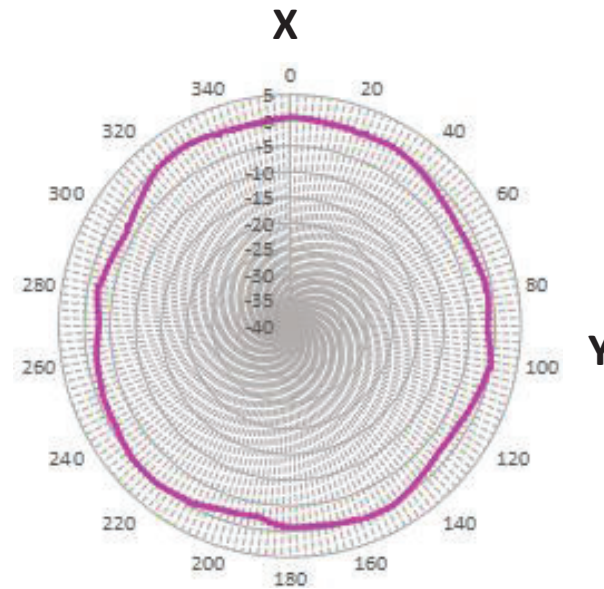
X-Z plane



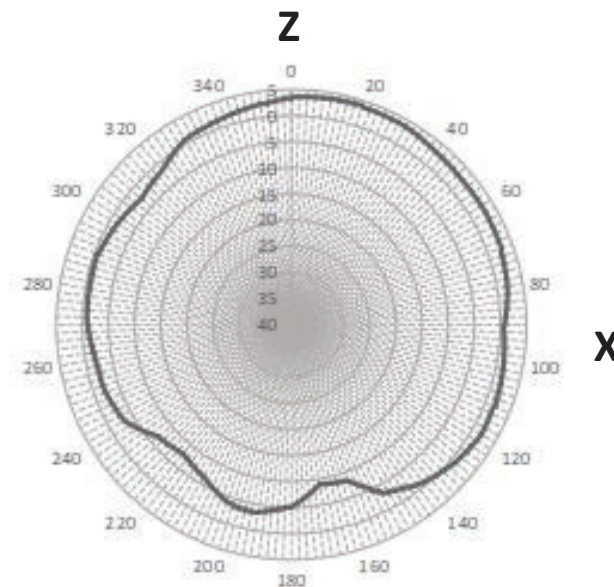
Y-Z plane

2D Radiation Pattern – WiFi 2/5G_ANT0 @5.85GHz

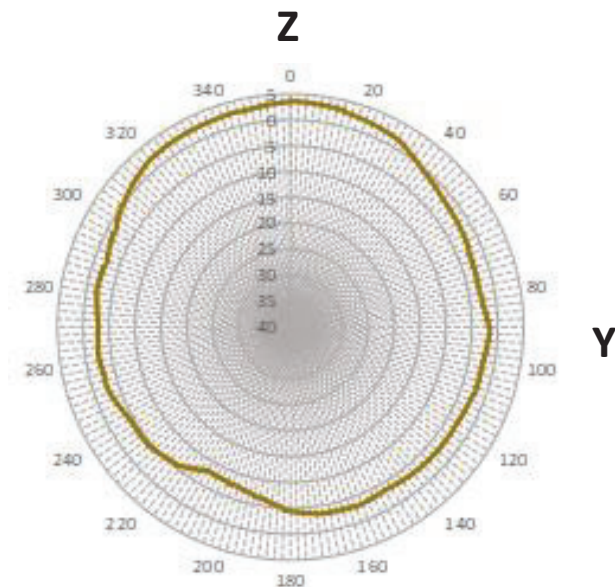
X-Y plane Gain Flatness (dB)	5
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X-Y plane



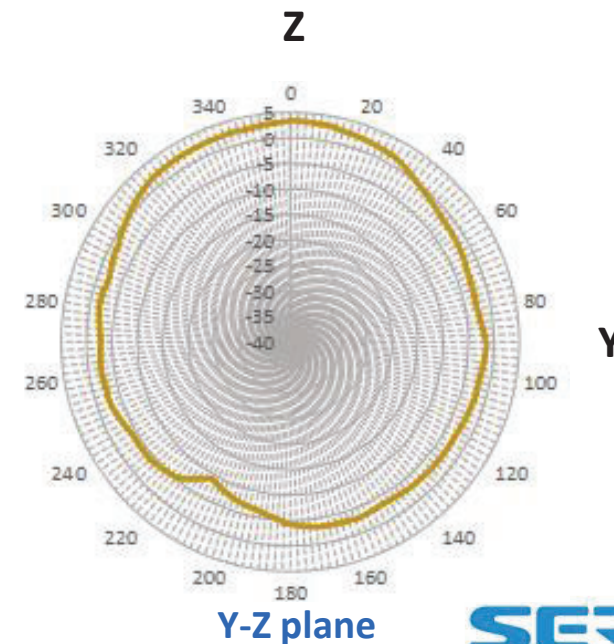
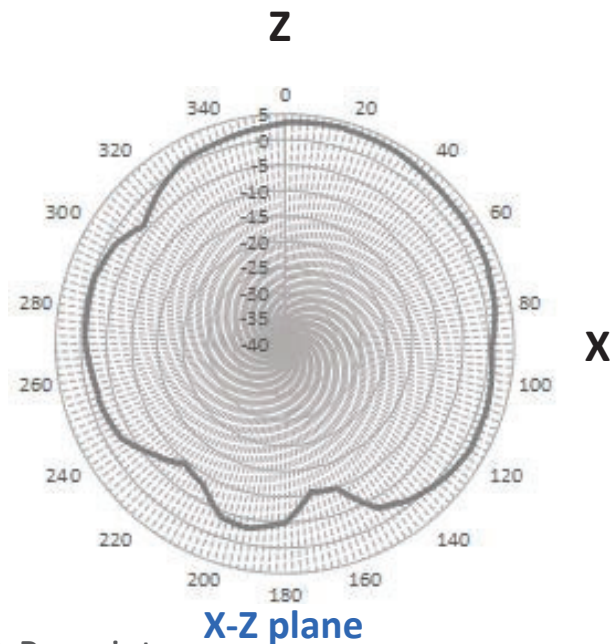
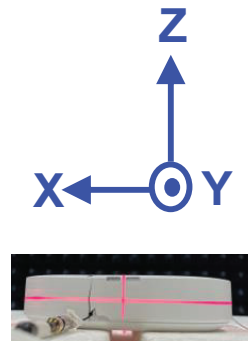
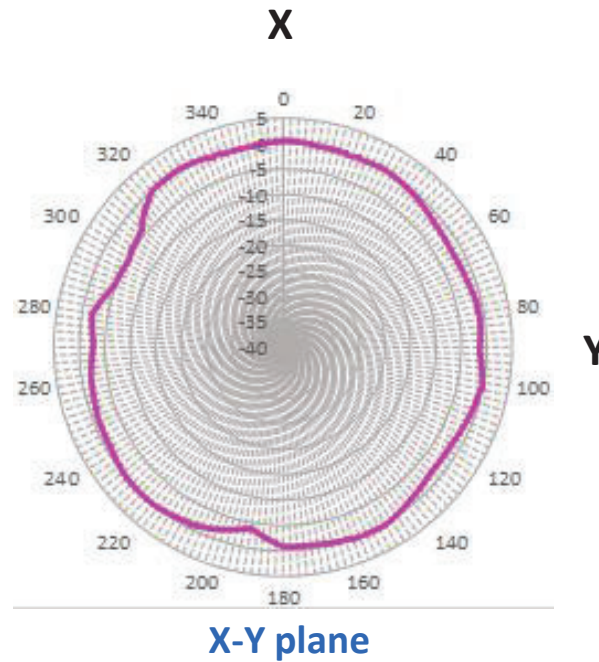
X-Z plane



Y-Z plane

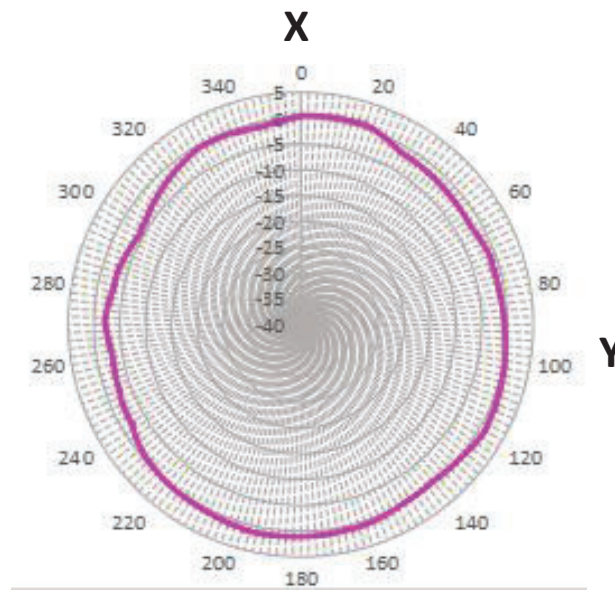
2D Radiation Pattern – WiFi 2/5G_ANT0 @5.9GHz

X-Y plane	
Gain Flatness (dB)	5

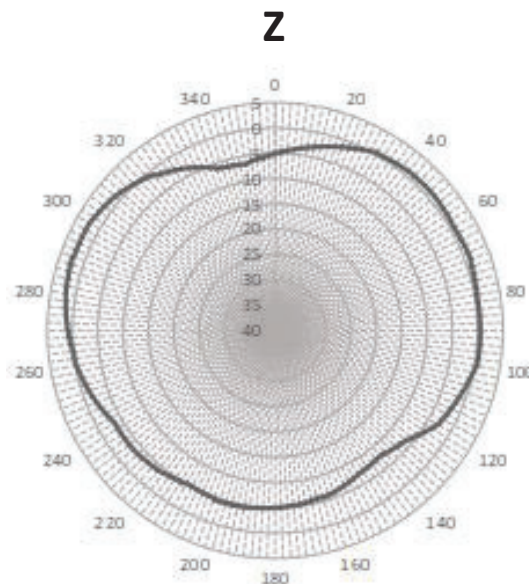
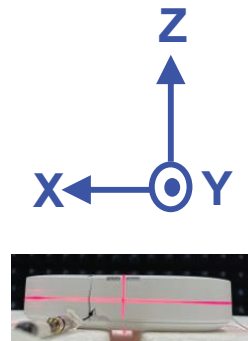


2D Radiation Pattern – WiFi 2/5G_ANT1 @2.4GHz

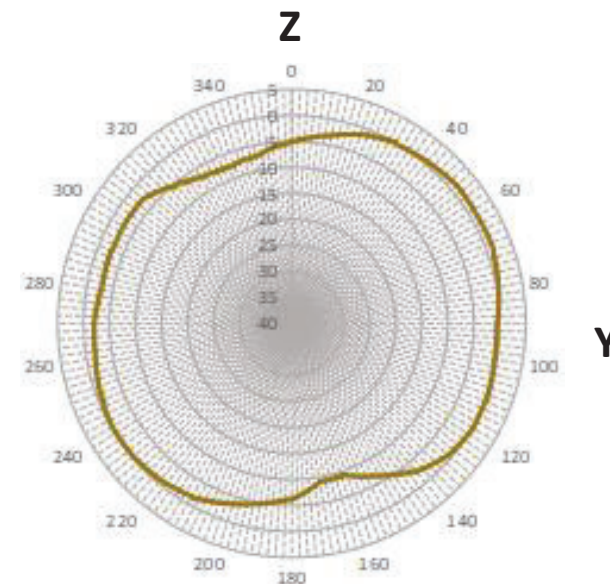
X-Y plane Gain Flatness (dB)	7
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X-Y plane



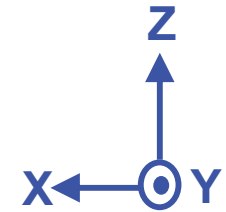
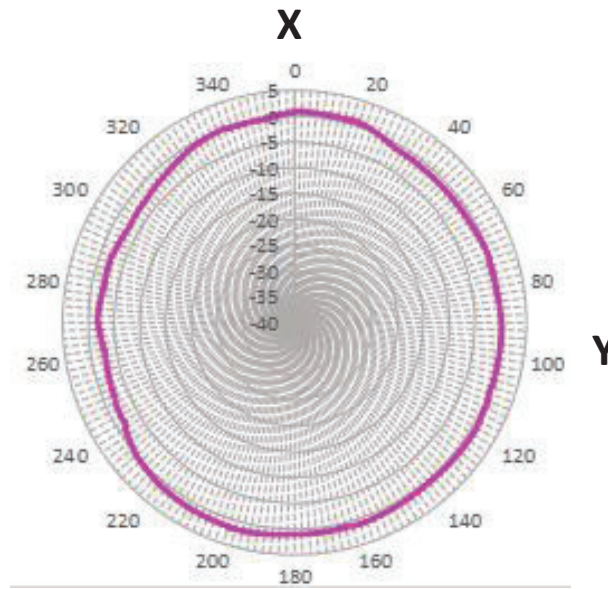
X-Z plane



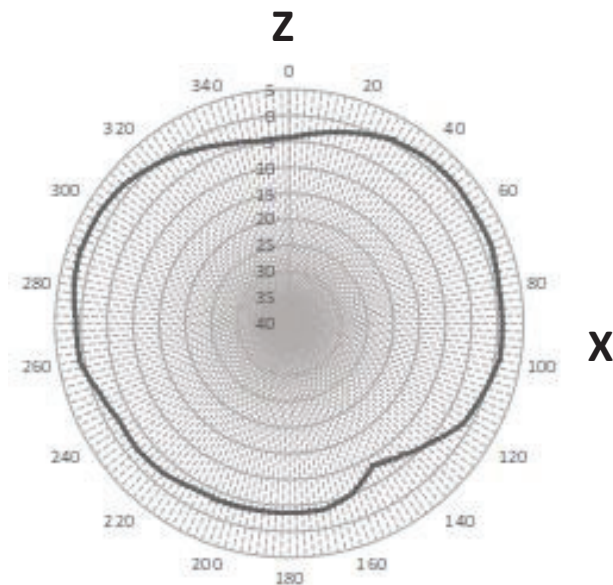
Y-Z plane

2D Radiation Pattern – WiFi 2/5G_ANT1 @2.45GHz

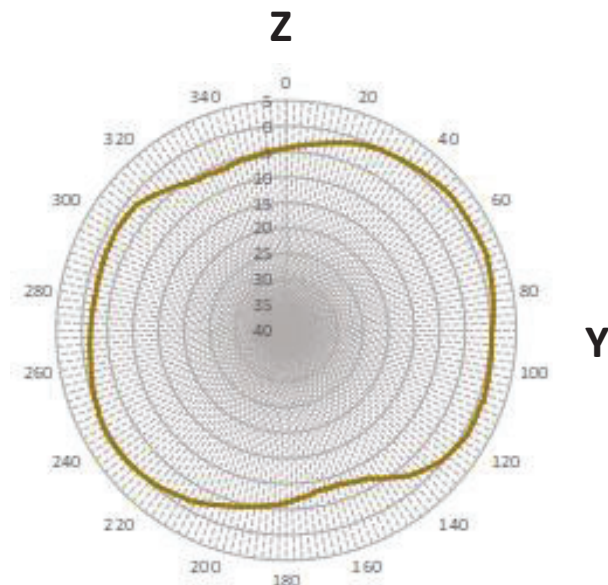
X-Y plane	
Gain Flatness (dB)	5



X-Y plane



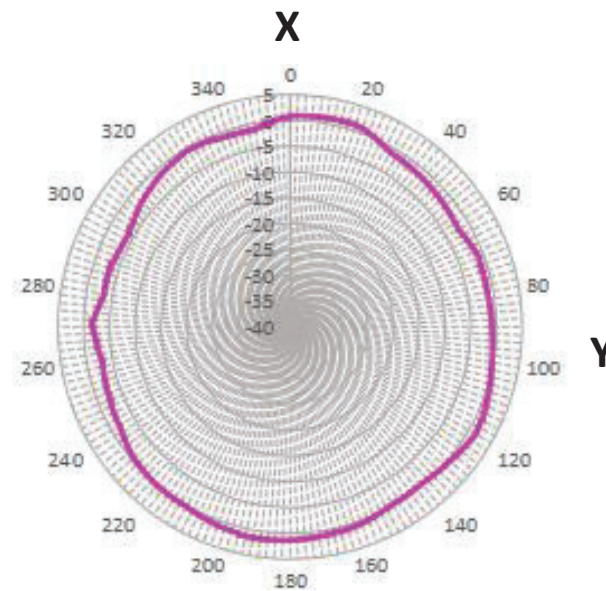
X-Z plane



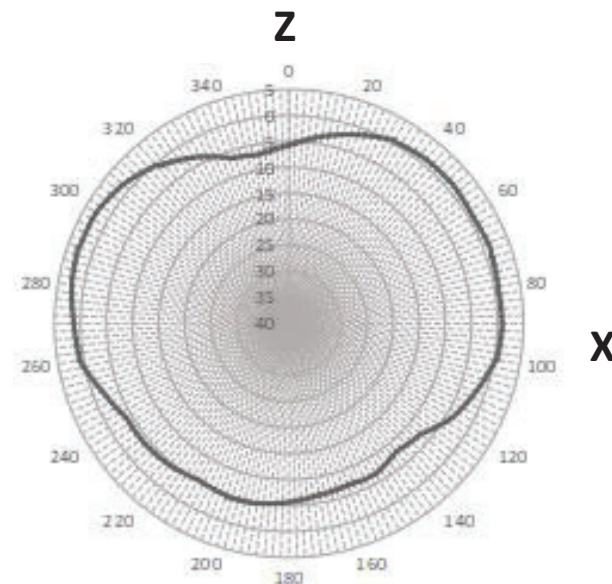
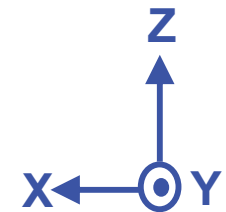
Y-Z plane

2D Radiation Pattern – WiFi 2/5G_ANT1 @2.5GHz

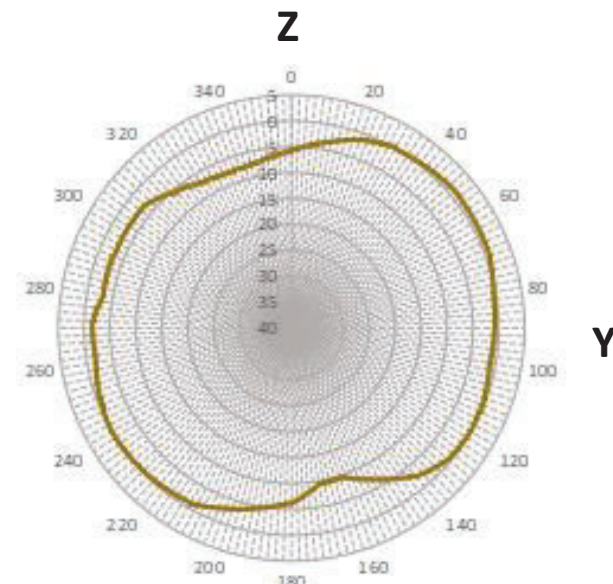
X-Y plane	
Gain Flatness (dB)	7



X-Y plane



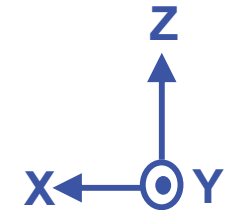
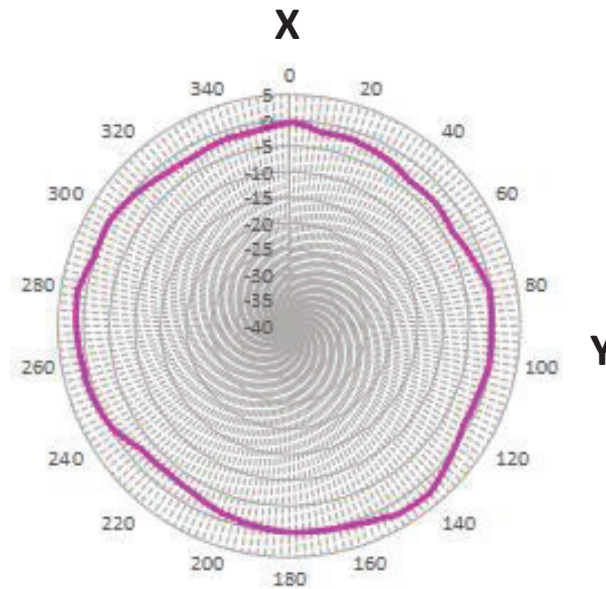
X-Z plane



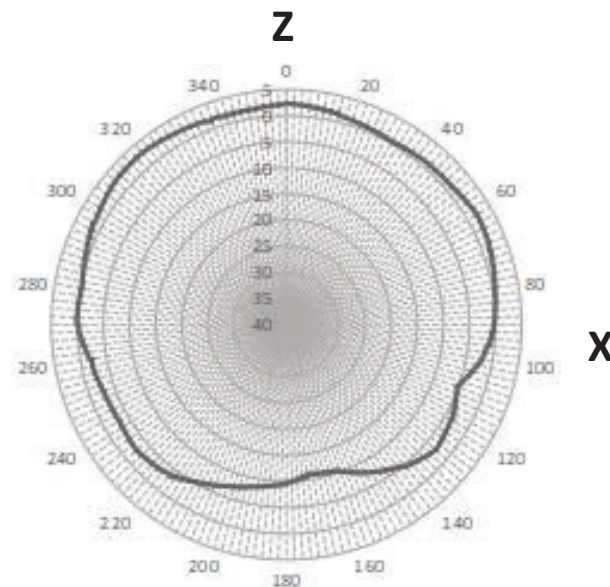
Y-Z plane

2D Radiation Pattern – WiFi 2/5G_ANT1 @5.15GHz

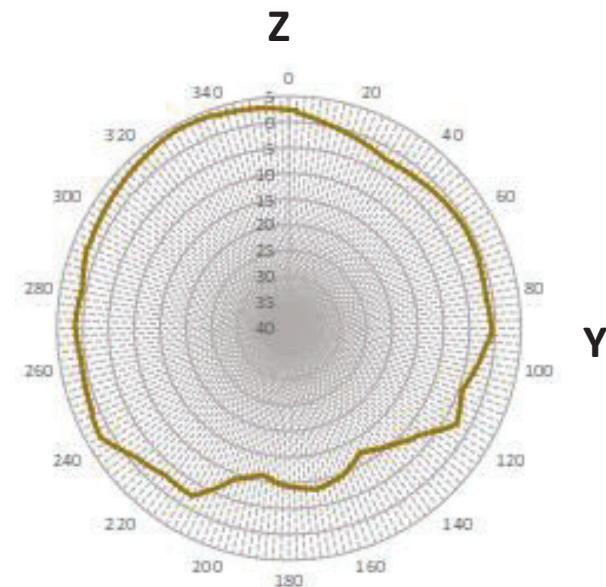
X-Y plane	
Gain Flatness (dB)	7



X-Y plane



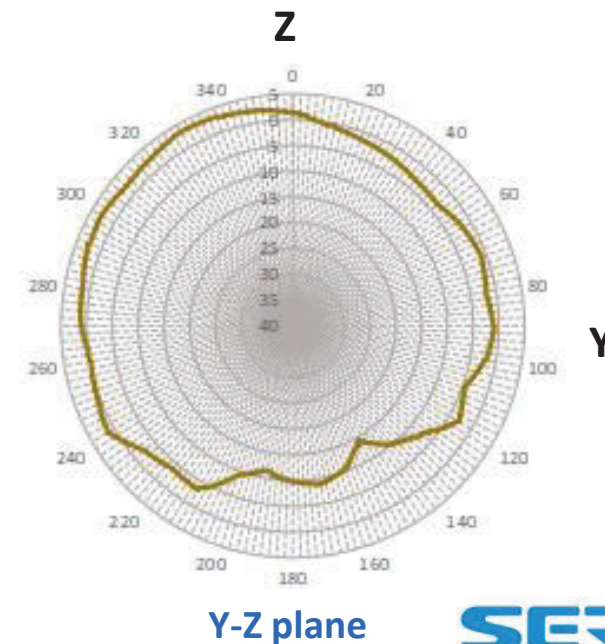
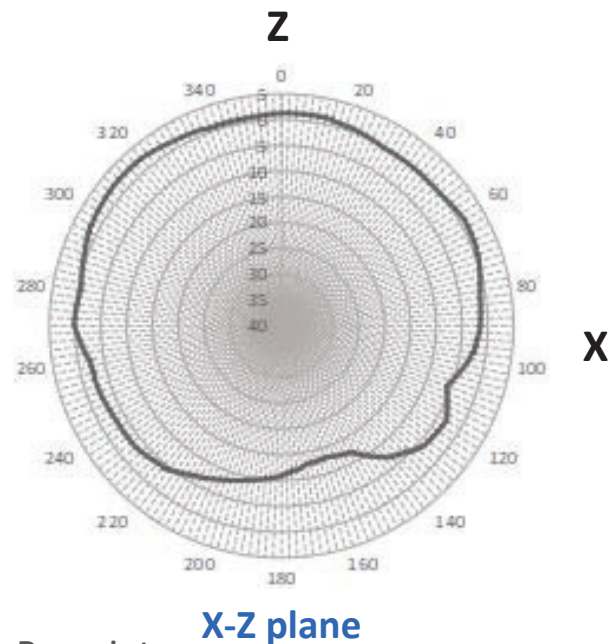
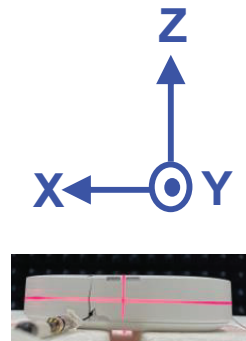
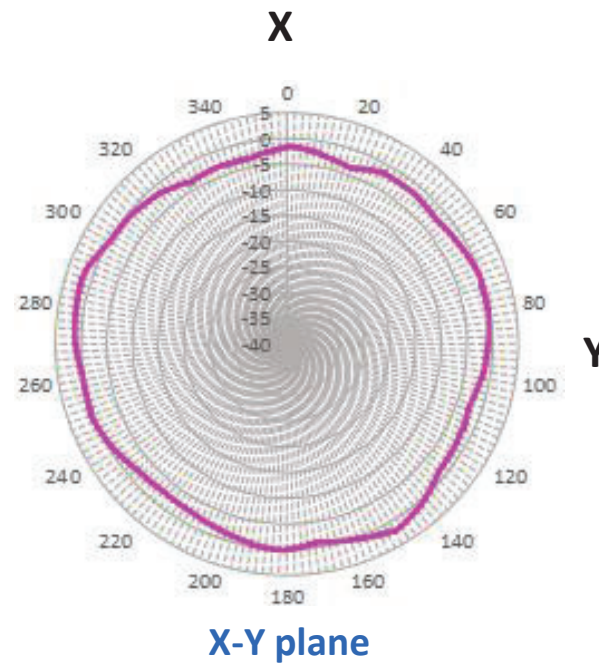
X-Z plane



Y-Z plane

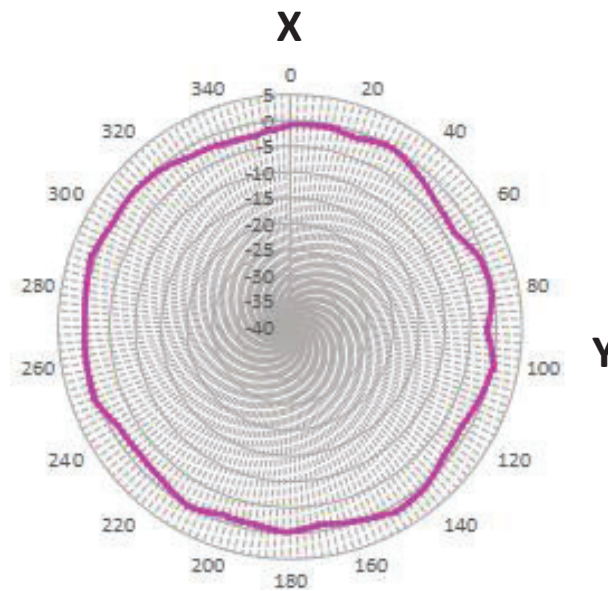
2D Radiation Pattern – WiFi 2/5G_ANT1 @5.5GHz

X-Y plane	
Gain Flatness (dB)	7

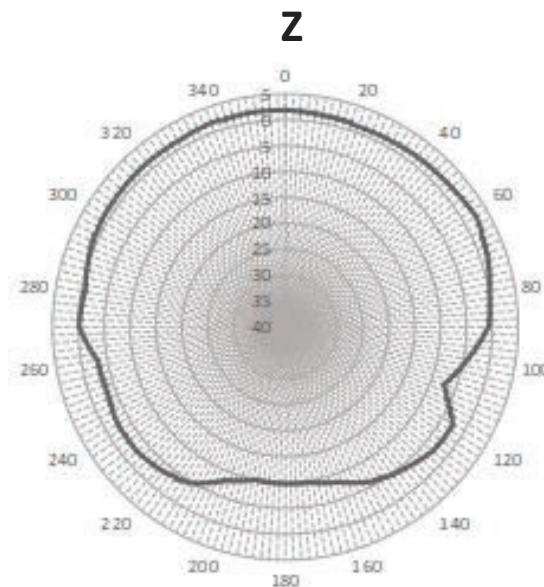
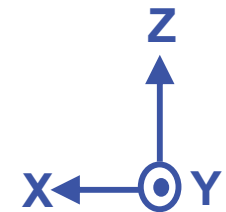


2D Radiation Pattern – WiFi 2/5G_ANT1 @5.85GHz

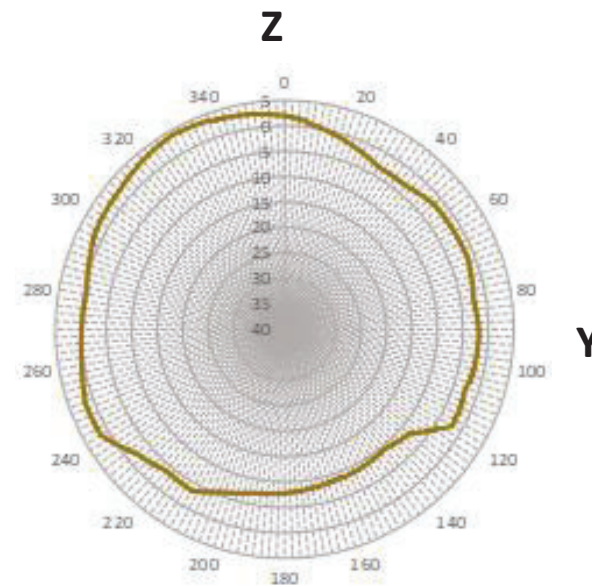
X-Y plane	
Gain Flatness (dB)	6



X-Y plane



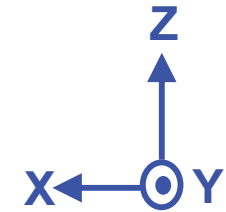
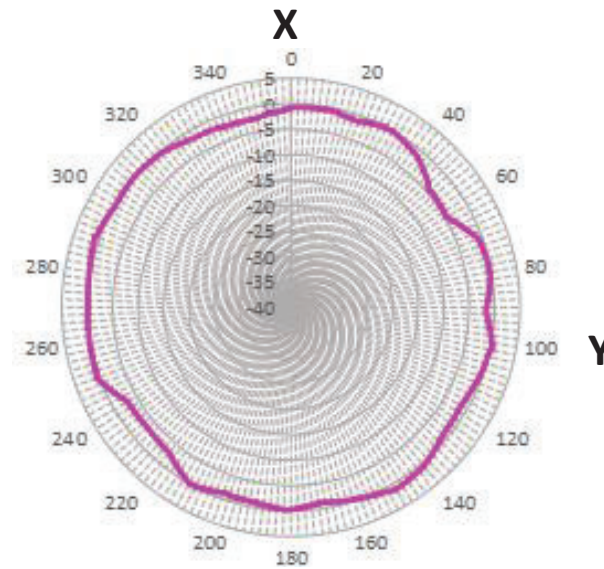
X-Z plane



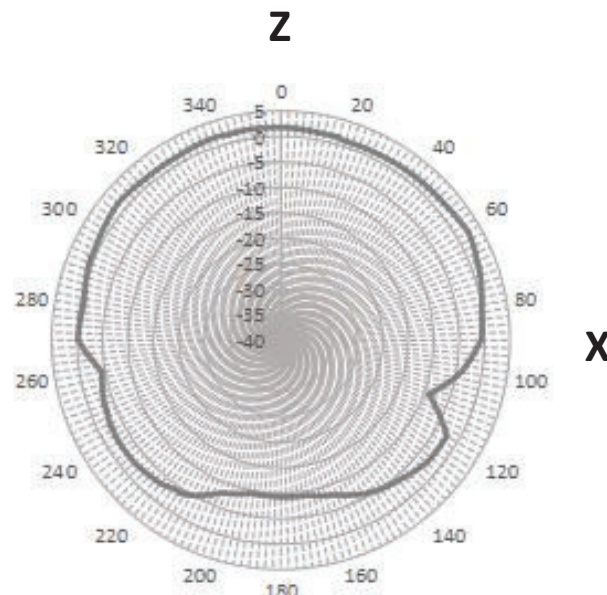
Y-Z plane

2D Radiation Pattern – WiFi 2/5G_ANT1 @5.9GHz

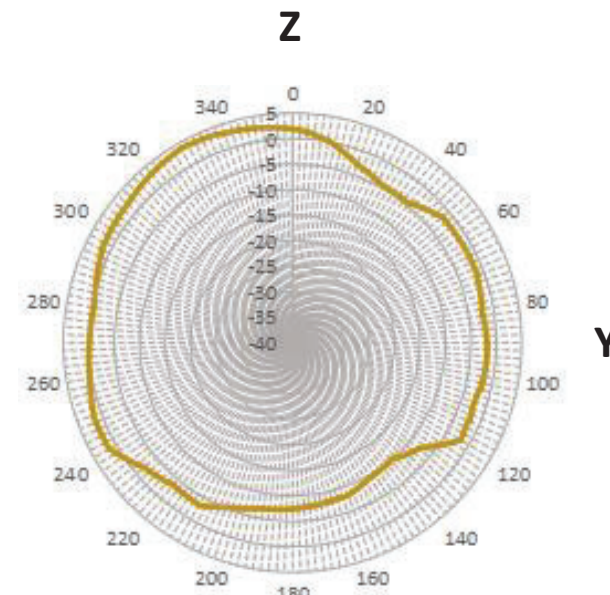
X-Y plane	
Gain Flatness (dB)	6



X-Y plane



X-Z plane



Y-Z plane

Raw Data - ANT0 @ 2.4GHz (1/4)

Age	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight

Raw Data - ANT0 @ 2.4GHz (2/4)

Phi Angle [°]	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180
Theta Angle [°]	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180
Response [dB]	180	-3.38	-3.32	-3.27	-3.21	-3.16	-3.09	-3.03	-2.96	-2.90	-2.83	-2.75	-2.67	-2.58	-2.50	-2.40	-2.39	-2.36	-2.34	-2.31	-2.28	-2.26	-2.25	-2.22	-2.20	-2.20	-2.19	-2.19	-2.18	-2.18	-2.28	-2.38	-2.49	-2.59	-2.69	-2.76	-2.84	-2.91	-2.99	-3.06	-3.11	-3.16	-3.20	-3.25	-3.30
178	-3.82	-3.77	-3.72	-3.67	-3.62	-3.55	-3.49	-3.42	-3.35	-3.29	-3.20	-3.12	-3.03	-2.95	-2.86	-2.78	-2.74	-2.71	-2.67	-2.65	-2.63	-2.60	-2.58	-2.56	-2.56	-2.55	-2.55	-2.55	-2.54	-2.64	-2.74	-2.84	-2.94	-3.03	-3.10	-3.17	-3.24	-3.30	-3.37	-3.43	-3.48	-3.52	-3.56		
175	-4.22	-4.17	-4.12	-4.07	-4.02	-3.95	-3.88	-3.81	-3.73	-3.66	-3.57	-3.49	-3.40	-3.32	-3.23	-3.15	-3.10	-3.06	-3.03	-3.00	-2.98	-2.95	-2.92	-2.90	-2.89	-2.87	-2.87	-2.86	-2.85	-2.95	-3.05	-3.15	-3.25	-3.35	-3.44	-3.50	-3.56	-3.62	-3.68	-3.73	-3.78	-3.82	-3.86		
171	-4.72	-4.67	-4.62	-4.57	-4.51	-4.47	-4.41	-4.34	-4.27	-4.20	-4.11	-4.02	-3.93	-3.85	-3.76	-3.68	-3.60	-3.54	-3.47	-3.41	-3.35	-3.29	-3.22	-3.16	-3.10	-3.03	-2.97	-2.91	-2.85	-2.95	-3.05	-3.15	-3.25	-3.35	-3.44	-3.50	-3.56	-3.62	-3.68	-3.73	-3.78	-3.82	-3.86		
172	-5.16	-5.12	-5.08	-5.04	-5.00	-4.93	-4.86	-4.80	-4.73	-4.66	-4.57	-4.47	-4.37	-4.28	-4.18	-4.11	-4.04	-3.97	-3.90	-3.83	-3.76	-3.72	-3.68	-3.65	-3.64	-3.64	-3.64	-3.63	-3.72	-3.80	-3.89	-3.98	-4.07	-4.14	-4.16	-4.21	-4.25	-4.30	-4.34	-4.38	-4.43	-4.46	-4.50		
168	-5.64	-5.61	-5.58	-5.54	-5.50	-5.42	-5.35	-5.28	-5.21	-5.14	-5.05	-4.96	-4.87	-4.78	-4.68	-4.60	-4.52	-4.45	-4.38	-4.31	-4.25	-4.20	-4.16	-4.13	-4.10	-4.09	-4.08	-4.07	-4.16	-4.24	-4.33	-4.41	-4.45	-4.49	-4.53	-4.57	-4.61	-4.65	-4.69	-4.73	-4.77	-4.81			
164	-5.98	-5.95	-5.92	-5.88	-5.85	-5.77	-5.70	-5.63	-5.56	-5.49	-5.40	-5.31	-5.22	-5.13	-5.04	-4.95	-4.87	-4.79	-4.72	-4.65	-4.58	-4.52	-4.46	-4.43	-4.40	-4.39	-4.38	-4.37	-4.46	-4.54	-4.63	-4.71	-4.75	-4.79	-4.83	-4.87	-4.91	-4.95	-4.99	-5.03	-5.07	-5.11			
162	-6.54	-6.49	-6.44	-6.38	-6.33	-6.25	-6.17	-6.10	-6.04	-5.94	-5.85	-5.77	-5.67	-5.57	-5.47	-5.38	-5.30	-5.22	-5.15	-5.08	-5.02	-4.96	-4.90	-4.84	-4.78	-4.72	-4.66	-4.60	-4.70	-4.78	-4.87	-4.95	-5.03	-5.11	-5.15	-5.19	-5.23	-5.27	-5.31	-5.35	-5.39	-5.43			
158	-5.92	-5.86	-5.81	-5.75	-5.70	-5.62	-5.55	-5.49	-5.42	-5.35	-5.26	-5.17	-5.08	-4.99	-4.90	-4.81	-4.73	-4.65	-4.58	-4.52	-4.46	-4.40	-4.34	-4.28	-4.22	-4.16	-4.10	-4.04	-4.14	-4.22	-4.31	-4.39	-4.47	-4.55	-4.63	-4.71	-4.75	-4.79	-4.83	-4.87	-4.91	-4.95			
154	-6.04	-6.00	-5.96	-5.92	-5.88	-5.80	-5.73	-5.66	-5.59	-5.52	-5.43	-5.34	-5.25	-5.16	-5.07	-4.98	-4.90	-4.82	-4.75	-4.68	-4.62	-4.56	-4.50	-4.44	-4.38	-4.32	-4.26	-4.20	-4.30	-4.38	-4.47	-4.55	-4.63	-4.71	-4.75	-4.79	-4.83	-4.87	-4.91	-4.95	-4.99	-5.03			
150	-6.38	-6.34	-6.30	-6.26	-6.22	-6.14	-6.07	-6.00	-5.93	-5.86	-5.77	-5.68	-5.59	-5.50	-5.41	-5.32	-5.24	-5.16	-5.09	-5.02	-4.96	-4.90	-4.84	-4.78	-4.72	-4.66	-4.60	-4.54	-4.64	-4.72	-4.81	-4.89	-4.97	-5.05	-5.13	-5.17	-5.21	-5.25	-5.29	-5.33	-5.37				
146	-6.72	-6.68	-6.64	-6.60	-6.56	-6.48	-6.41	-6.34	-6.27	-6.20	-6.11	-6.02	-5.93	-5.84	-5.75	-5.66	-5.57	-5.49	-5.42	-5.35	-5.28	-5.22	-5.16	-5.10	-5.04	-4.98	-4.92	-4.86	-4.96	-5.04	-5.13	-5.21	-5.29	-5.37	-5.45	-5.53	-5.61	-5.65	-5.69	-5.73	-5.77				
142	-7.06	-7.02	-6.98	-6.94	-6.90	-6.82	-6.75	-6.68	-6.61	-6.54	-6.45	-6.36	-6.27	-6.18	-6.09	-6.00	-5.91	-5.82	-5.74	-5.67	-5.60	-5.54	-5.48	-5.42	-5.36	-5.30	-5.24	-5.18	-5.28	-5.36	-5.45	-5.53	-5.61	-5.69	-5.77	-5.85	-5.93	-6.01	-6.05	-6.09	-6.13				
138	-7.40	-7.36	-7.32	-7.28	-7.24	-7.16	-7.09	-7.02	-6.95	-6.88	-6.79	-6.70	-6.61	-6.52	-6.43	-6.34	-6.25	-6.16	-6.08	-6.01	-5.94	-5.88	-5.82	-5.76	-5.70	-5.64	-5.58	-5.52	-5.62	-5.70	-5.79	-5.87	-5.95	-6.03	-6.11	-6.19	-6.27	-6.35	-6.43	-6.51	-6.59				
134	-7.74	-7.70	-7.66	-7.62	-7.58	-7.50	-7.43	-7.36	-7.29	-7.22	-7.13	-7.04	-6.95	-6.86	-6.77	-6.68	-6.59	-6.50	-6.42	-6.35	-6.28	-6.22	-6.16	-6.10	-6.04	-5.98	-5.92	-5.86	-5.96	-6.04	-6.13	-6.21	-6.29	-6.37	-6.45	-6.53	-6.61	-6.69	-6.77	-6.85					
130	-8.08	-8.04	-8.00	-7.96	-7.92	-7.84	-7.77	-7.70	-7.63	-7.56	-7.47	-7.38	-7.29	-7.20	-7.11	-7.02	-6.93	-6.84	-6.76	-6.69	-6.62	-6.56	-6.50	-6.44	-6.38	-6.32	-6.26	-6.20	-6.30	-6.38	-6.47	-6.55	-6.63	-6.71	-6.79	-6.87	-6.95	-7.03	-7.11	-7.19					
126	-8.42	-8.38	-8.34	-8.30	-8.26	-8.18	-8.11	-8.04	-7.97	-7.90	-7.81	-7.72	-7.63	-7.54	-7.45	-7.36	-7.27	-7.18	-7.10	-7.03	-6.96	-6.90	-6.84	-6.78	-6.72	-6.66	-6.60	-6.54	-6.64	-6.72	-6.81	-6.89	-6.97	-7.05	-7.13	-7.21	-7.29	-7.37	-7.45	-7.53					
122	-8.76	-8.72	-8.68	-8.64	-8.60	-8.52	-8.45	-8.38	-8.31	-8.24	-8.15	-8.06	-7.97	-7.88	-7.79	-7.70	-7.61	-7.52	-7.44	-7.37	-7.30	-7.24	-7.18	-7.12	-7.06	-7.00	-6.94	-6.88	-6.98	-7.06	-7.15	-7.23	-7.31	-7.39	-7.47	-7.55	-7.63	-7.71	-7.79	-7.87					
118	-9.10	-9.06	-9.02	-8.98	-8.94	-8.86	-8.79	-8.72	-8.65	-8.58	-8.49	-8.40	-8.31	-8.22	-8.13	-8.04	-7.95	-7.86	-7.78	-7.71	-7.64	-7.58	-7.52	-7.46	-7.40	-7.34	-7.28	-7.22	-7.32	-7.40	-7.49	-7.57	-7.65	-7.73	-7.81	-7.89	-7.97	-8.05	-8.13	-8.21					
114	-9.44	-9.40	-9.36	-9.32	-9.28	-9.20	-9.13	-9.06	-8.99	-8.92	-8.83	-8.74	-8.65	-8.56	-8.47	-8.38	-8.29	-8.20	-8.12	-8.05	-7.98	-7.92	-7.86	-7.80	-7.74	-7.68	-7.62	-7.56	-7.66	-7.74	-7.83	-7.91	-7.99	-8.07	-8.15	-8.23	-8.31	-8.39	-8.47						
110	-9.78	-9.74	-9.70	-9.66	-9.62	-9.54	-9.47	-9.40	-9.33	-9.26	-9.17	-9.08	-8.99	-8.90	-8.81	-8.72	-8.63	-8.54	-8.46	-8.39	-8.32	-8.26	-8.20	-8.14	-8.08	-8.02	-7.96	-7.90	-8.00	-8.08	-8.17	-8.25	-8.33	-8.41	-8.49	-8.57	-8.65	-8.73	-8.81						
106	-10.12	-10.08	-10.04	-10.00	-9.96	-9.88	-9.81	-9.74	-9.67	-9.60	-9.51	-9.42	-9.33	-9.24	-9.15	-9.06	-8.97	-8.88	-8.80	-8.73	-8.66	-8.60	-8.54	-8.48	-8.42	-8.36	-8.30	-8.24	-8.34	-8.42	-8.51	-8.59	-8.67	-8.75	-8.83	-8.91	-8.99	-9.07	-9.15	-9.23					
102	-10.46	-10.42	-10.38	-10.34	-10.30	-10.22	-10.15	-10.08	-10.01	-9.94	-9.85	-9.76	-9.67	-9.58	-9.49	-9.40	-9.31	-9.22	-9.14	-9.07	-9.00	-8.94	-8.88	-8.82	-8.76	-8.70	-8.64	-8.58	-8.68	-8.76	-8.85	-8.93	-9.01	-9.09	-9.17	-9.25	-9.33	-9.41	-9.49	-9.57					
98	-10.80	-10.76	-10.72	-10.68	-10.64	-10.56	-10.49	-10.42	-10.35	-10.28	-10.19	-10.10	-10.01	-9.92	-9.83	-9.74	-9.65	-9.56	-9.48	-9.41	-9.34	-9.28	-9.22	-9.16	-9.10	-9.04	-8.98	-8.92	-9.02	-9.10	-9.19	-9.27	-9.35	-9.43	-9.51	-9.59	-9.67	-9.75	-9.83						
94	-11.14	-11.10	-11.06	-11.02	-10.98	-10.90	-10.83	-10.76	-10.69	-10.62	-10.53	-10.44	-10.35	-10.26	-10.17	-10.08	-9.99	-9.90	-9.82	-9.75	-9.68	-9.62	-9.56	-9.50	-9.44	-9.38	-9.32	-9.26	-9.36	-9.44	-9.53	-9.61	-9.69	-9.77	-9.85	-9.93	-10.01	-10.09	-10.17						
90	-11.48	-11.44	-11.40	-11.36	-11.32	-11.24	-11.17	-11.10	-11.03	-10.96	-10.87	-10.78	-10.69	-10.60	-10.51	-10.42	-10.33	-10.24	-10.16	-10.09	-10.02	-9.96	-9.90	-9.84	-9.78	-9.72	-9.66	-9.60	-9.70	-9.78	-9.87	-9.95	-10.03	-10.11	-10.19	-10.27	-10.35	-10.43	-10.51						
86	-11.82	-11.78	-11.74	-11.70	-11.66	-11.58	-11.51	-11.44	-11.37	-11.30	-11.21	-11.12	-11.03	-10.94	-10.85	-10.76	-10.67	-10.58	-10.50	-10.43	-10.36	-10.30	-10.24	-10.18	-10.12	-10.06	-10.00	-9.94	-10.04	-10.12	-10.21	-10.29	-10.37	-10.45	-10.53	-10.61	-10.69	-10.77							
82	-12.16	-12.12	-12.08	-12.04	-12.00	-11.92	-11.85	-11.78	-11.71	-11.64	-11.55	-11.46	-11.37	-11.28	-11.19	-11.10	-11.01	-10.92	-10.84	-10.77	-10.70	-10.64	-10.58	-10.52	-10.46	-10.40	-10.34	-10.28	-10.38	-10.46	-10.55	-10.63	-10.71	-10.79	-10.87	-10.95	-11.03	-11.11							
78	-12.50	-12.46	-12.42	-12.38	-12.34	-12.26	-12.19	-12.12	-12.05	-11.98	-11.89	-11.80	-11.71	-11.62	-11.53	-11.44	-11.35	-11.26	-11.18	-11.11	-11.04	-10.98	-10.92	-10.86	-10.80	-10.74	-10.68	-10.62	-10.72	-10.80	-10.89	-10.97	-11.05	-11.13	-11.21	-11.29	-11.37	-11.45							
74	-12.84	-12.80	-12.76	-12.72	-12.68	-12.60	-12.53	-12.46	-12.39	-12.32	-12.23	-12.14	-12.05	-11.96	-11.87	-11.78	-11.69	-11.60	-11.52	-11.45	-11.38	-11.32	-11.26	-11.20	-11.14	-11.08	-11.02	-10.96	-11.06	-11.14	-11.23	-11.31	-11.39	-11.47	-11.55	-11.63	-11.71								
70	-13.18	-13.14	-13.																																										

Raw Data - ANT0 @ 2.4GHz (3/4)

[illegible]

Raw Data - ANTO @ 2.4GHz (4/4)

Phi Angle [°]	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180	
Beta Angle [°]	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)		
0	-16.16	-16.14	-16.13	-16.12	-16.11	-16.10	-16.09	-16.08	-16.07	-16.06	-16.05	-16.06	-16.04	-16.03	-16.02	-16.01	-16.00	-15.99	-15.98	-15.97	-15.96	-15.95	-15.94	-15.93	-15.92	-15.91	-15.90	-15.89	-15.88	-15.87	-15.86	-15.84	-15.82	-15.81	-15.79	-15.78	-15.77	-15.76	-15.75	-15.74	-15.73	-15.72	-15.71	-15.70		
2	-16.28	-16.26	-16.24	-16.21	-16.19	-16.17	-16.15	-16.13	-16.11	-16.09	-16.08	-16.07	-16.05	-16.04	-16.03	-16.02	-16.01	-16.00	-15.99	-15.97	-15.95	-15.93	-15.91	-15.89	-15.87	-15.86	-15.85	-15.84	-15.83	-15.80	-15.78	-15.75	-15.73	-15.70	-15.67	-15.64	-15.62	-15.59	-15.56	-15.51	-15.49	-15.47	-15.45	-15.43	-15.40	
4	-16.41	-16.37	-16.34	-16.30	-16.27	-16.24	-16.21	-16.18	-16.15	-16.13	-16.10	-16.08	-16.06	-16.04	-16.02	-16.00	-15.99	-15.97	-15.95	-15.93	-15.91	-15.89	-15.87	-15.85	-15.83	-15.82	-15.81	-15.80	-15.79	-15.76	-15.73	-15.69	-15.65	-15.61	-15.58	-15.54	-15.49	-15.45	-15.41	-15.37	-15.32	-15.29	-15.26	-15.22	-15.18	-15.14
6	-16.54	-16.44	-16.40	-16.35	-16.29	-16.23	-16.16	-16.10	-16.03	-15.96	-15.89	-15.82	-15.75	-15.68	-15.61	-15.54	-15.47	-15.40	-15.33	-15.26	-15.19	-15.12	-15.05	-14.98	-14.91	-14.84	-14.77	-14.70	-14.63	-14.56	-14.49	-14.42	-14.35	-14.28	-14.20	-14.11	-14.02	-13.93	-13.84	-13.75	-13.66	-13.57	-13.48	-13.39	-13.30	
10	-16.66	-16.49	-16.55	-16.49	-16.41	-16.38	-16.33	-16.29	-16.24	-16.19	-16.15	-16.12	-16.08	-16.05	-16.01	-15.97	-15.93	-15.89	-15.83	-15.79	-15.74	-15.69	-15.63	-15.57	-15.50	-15.45	-15.39	-15.33	-15.27	-15.20	-15.14	-15.07	-14.99	-14.90	-14.81	-14.72	-14.63	-14.54	-14.45	-14.36	-14.27	-14.18	-14.09	-14.01	-13.92	
12	-16.43	-16.37	-16.31	-16.24	-16.18	-16.13	-16.09	-16.04	-15.99	-15.94	-15.88	-15.85	-15.82	-15.79	-15.75	-15.70	-15.66	-15.62	-15.57	-15.52	-15.46	-15.40	-15.34	-15.28	-15.21	-15.14	-15.07	-15.00	-14.93	-14.84	-14.76	-14.68	-14.59	-14.51	-14.45	-14.40	-14.34	-14.28	-14.22	-14.16	-14.10	-14.05	-14.00	-13.95		
14	-16.20	-16.13	-16.07	-16.00	-15.93	-15.86	-15.79	-15.72	-15.65	-15.58	-15.51	-15.45	-15.39	-15.32	-15.26	-15.19	-15.12	-15.06	-14.99	-14.92	-14.85	-14.78	-14.71	-14.64	-14.58	-14.50	-14.43	-14.36	-14.29	-14.22	-14.15	-14.08	-14.01	-13.94	-13.87	-13.80	-13.73	-13.66	-13.59	-13.52	-13.45	-13.38	-13.31	-13.24		
16	-15.97	-15.90	-15.83	-15.76	-15.69	-15.62	-15.55	-15.48	-15.41	-15.34	-15.27	-15.20	-15.13	-15.06	-14.99	-14.92	-14.85	-14.78	-14.71	-14.64	-14.58	-14.51	-14.44	-14.38	-14.31	-14.24	-14.17	-14.10	-14.03	-13.96	-13.89	-13.82	-13.75	-13.68	-13.61	-13.54	-13.47	-13.40	-13.33	-13.26	-13.19	-13.12	-13.05	-12.98		
18	-15.74	-15.66	-15.59	-15.51	-15.44	-15.39	-15.35	-15.30	-15.25	-15.21	-15.17	-15.16	-15.14	-15.12	-15.08	-15.04	-15.00	-14.97	-14.93	-14.88	-14.79	-14.72	-14.65	-14.58	-14.48	-14.38	-14.27	-14.17	-14.07	-13.96	-13.84	-13.73	-13.61	-13.50	-13.43	-13.35	-13.28	-13.21	-13.14	-13.07	-13.00	-12.93	-12.86	-12.79		
20	-15.51	-15.43	-15.35	-15.27	-15.19	-15.14	-15.10	-15.05	-15.01	-14.96	-14.93	-14.91	-14.90	-14.86	-14.82	-14.79	-14.75	-14.71	-14.64	-14.58	-14.49	-14.41	-14.34	-14.27	-14.20	-14.13	-14.06	-13.99	-13.92	-13.85	-13.78	-13.71	-13.64	-13.57	-13.50	-13.43	-13.36	-13.29	-13.22	-13.15	-13.08	-13.01	-12.94			
22	-15.29	-15.21	-15.13	-15.05	-14.97	-14.91	-14.84	-14.78	-14.71	-14.64	-14.58	-14.51	-14.44	-14.38	-14.31	-14.24	-14.18	-14.11	-14.04	-13.97	-13.89	-13.82	-13.75	-13.68	-13.61	-13.54	-13.47	-13.40	-13.33	-13.26	-13.19	-13.12	-13.05	-12.98	-12.91	-12.84	-12.77	-12.70	-12.63	-12.56	-12.49	-12.42	-12.35			
24	-15.05	-14.97	-14.89	-14.81	-14.73	-14.66	-14.59	-14.52	-14.45	-14.38	-14.31	-14.24	-14.18	-14.11	-14.04	-13.97	-13.90	-13.83	-13.76	-13.69	-13.62	-13.55	-13.48	-13.41	-13.34	-13.27	-13.20	-13.13	-13.06	-12.99	-12.92	-12.85	-12.78	-12.71	-12.64	-12.57	-12.50	-12.43	-12.36	-12.29	-12.22	-12.15	-12.08			
26	-14.82	-14.74	-14.66	-14.58	-14.50	-14.43	-14.36	-14.29	-14.22	-14.15	-14.08	-14.01	-13.94	-13.87	-13.80	-13.73	-13.66	-13.59	-13.52	-13.45	-13.38	-13.31	-13.24	-13.17	-13.10	-13.03	-12.96	-12.89	-12.82	-12.75	-12.68	-12.61	-12.54	-12.47	-12.40	-12.33	-12.26	-12.19	-12.12	-12.05	-11.98	-11.91	-11.84			
28	-14.59	-14.51	-14.43	-14.35	-14.27	-14.20	-14.13	-14.06	-13.99	-13.92	-13.85	-13.78	-13.71	-13.64	-13.57	-13.50	-13.43	-13.36	-13.29	-13.22	-13.15	-13.08	-13.01	-12.94	-12.87	-12.80	-12.73	-12.66	-12.59	-12.52	-12.45	-12.38	-12.31	-12.24	-12.17	-12.10	-12.03	-11.96	-11.89	-11.82	-11.75	-11.68				
30	-14.36	-14.28	-14.20	-14.12	-14.04	-13.97	-13.90	-13.83	-13.76	-13.69	-13.62	-13.55	-13.48	-13.41	-13.34	-13.27	-13.20	-13.13	-13.06	-12.99	-12.92	-12.85	-12.78	-12.71	-12.64	-12.57	-12.50	-12.43	-12.36	-12.29	-12.22	-12.15	-12.08	-12.01	-11.94	-11.87	-11.80	-11.73	-11.66	-11.59	-11.52	-11.45				
32	-14.13	-14.05	-13.97	-13.89	-13.81	-13.74	-13.67	-13.60	-13.53	-13.46	-13.39	-13.32	-13.25	-13.18	-13.11	-13.04	-12.97	-12.90	-12.83	-12.76	-12.69	-12.62	-12.55	-12.48	-12.41	-12.34	-12.27	-12.20	-12.13	-12.06	-11.99	-11.92	-11.85	-11.78	-11.71	-11.64	-11.57	-11.50	-11.43	-11.36	-11.29	-11.22	-11.15			
34	-13.90	-13.82	-13.74	-13.66	-13.58	-13.51	-13.44	-13.37	-13.30	-13.23	-13.16	-13.09	-13.02	-12.95	-12.88	-12.81	-12.74	-12.67	-12.60	-12.53	-12.46	-12.39	-12.32	-12.25	-12.18	-12.11	-12.04	-11.97	-11.90	-11.83	-11.76	-11.69	-11.62	-11.55	-11.48	-11.41	-11.34	-11.27	-11.20	-11.13	-11.06	-10.99	-10.92			
36	-13.67	-13.59	-13.51	-13.43	-13.35	-13.28	-13.21	-13.14	-13.07	-13.00	-12.93	-12.86	-12.79	-12.72	-12.65	-12.58	-12.51	-12.44	-12.37	-12.30	-12.23	-12.16	-12.09	-12.02	-11.95	-11.88	-11.81	-11.74	-11.67	-11.60	-11.53	-11.46	-11.39	-11.32	-11.25	-11.18	-11.11	-11.04	-10.97	-10.90	-10.83	-10.76				
38	-13.44	-13.36	-13.28	-13.20	-13.12	-13.05	-12.98	-12.91	-12.84	-12.77	-12.70	-12.63	-12.56	-12.49	-12.42	-12.35	-12.28	-12.21	-12.14	-12.07	-12.00	-11.93	-11.86	-11.79	-11.72	-11.65	-11.58	-11.51	-11.44	-11.37	-11.30	-11.23	-11.16	-11.09	-11.02	-10.95	-10.88	-10.81	-10.74	-10.67	-10.60	-10.53				
40	-13.21	-13.13	-13.05	-12.97	-12.89	-12.82	-12.75	-12.68	-12.61	-12.54	-12.47	-12.40	-12.33	-12.26	-12.19	-12.12	-12.05	-11.98	-11.91	-11.84	-11.77	-11.70	-11.63	-11.56	-11.49	-11.42	-11.35	-11.28	-11.21	-11.14	-11.07	-11.00	-10.93	-10.86	-10.79	-10.72	-10.65	-10.58	-10.51	-10.44	-10.37	-10.30				
42	-12.98	-12.90	-12.82	-12.74	-12.66	-12.59	-12.52	-12.45	-12.38	-12.31	-12.24	-12.17	-12.10	-12.03	-11.96	-11.89	-11.82	-11.75	-11.68	-11.61	-11.54	-11.47	-11.40	-11.33	-11.26	-11.19	-11.12	-11.05	-10.98	-10.91	-10.84	-10.77	-10.70	-10.63	-10.56	-10.49	-10.42	-10.35	-10.28	-10.21	-10.14	-10.07				
44	-12.75	-12.67	-12.59	-12.51	-12.43	-12.36	-12.29	-12.22	-12.15	-12.08	-12.01	-11.94	-11.87	-11.80	-11.73	-11.66	-11.59	-11.52	-11.45	-11.38	-11.31	-11.24	-11.17	-11.10	-11.03	-10.96	-10.89	-10.82	-10.75	-10.68	-10.61	-10.54	-10.47	-10.40	-10.33	-10.26	-10.19	-10.12	-10.05	-9.98	-9.91	-9.84				
46	-12.52	-12.44	-12.36	-12.28	-12.20	-12.13	-12.06	-11.99	-11.92	-11.85	-11.78	-11.71	-11.64	-11.57	-11.50	-11.43	-11.36	-11.29	-11.22	-11.15	-11.08	-11.01	-10.94	-10.87	-10.80	-10.73	-10.66	-10.59	-10.52	-10.45	-10.38	-10.31	-10.24	-10.17	-10.10	-10.03	-9.96	-9.89	-9.82	-9.75	-9.68	-9.61				
48	-12.29	-12.21	-12.13	-12.05	-11.97	-11.90	-11.83	-11.76	-11.69	-11.62	-11.55	-11.48	-11.41	-11.34	-11.27	-11.20	-11.13	-11.06	-10.99	-10.92	-10.85	-10.78	-10.71	-10.64	-10.57	-10.50	-10.43	-10.36	-10.29	-10.22	-10.15	-10.08	-10.01	-9.94	-9.87	-9.80	-9.73	-9.66	-9.59	-9.52	-9.45	-9.38				
50	-12.06	-11.98	-11.90	-11.82	-11.74	-11.67	-11.60	-11.53	-11.46	-11.39	-11.32	-11.25	-11.18	-11.11	-11.04	-10.97	-10.90	-10.83	-10.76	-10.69	-10.62	-10.55	-10.48	-10.41	-10.34	-10.27	-10.20	-10.13	-10.06	-9.99	-9.92	-9.85	-9.78	-9.71	-9.64	-9.57	-9.50	-9.43	-9.36	-9.29	-9.22	-9.15				
52	-11.83	-11.75	-11.67	-11.59	-11.51	-11.44	-11.37	-11.30	-11.23	-11.16	-11.09	-11.02	-10.95	-10.88	-10.81	-10.74	-10.67	-10.60	-10.53	-10.46	-10.39	-10.32	-10.25	-10.18	-10.11	-10.04	-9.97	-9.90	-9.83	-9.76	-9.69	-9.62	-9.55	-9.48	-9.41	-9.34	-9.27	-9.20	-9.13	-9.06	-8.99	-8.92	-8.85			
54	-11.60	-11.52																																												

Raw Data - ANT0 @ 2.45GHz (1/4)

Phi Angle (°)	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	
Theta Angle (°)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	
170	-3.71	-3.75	-3.77	-3.78	-3.79	-3.81	-3.82	-3.83	-3.84	-3.85	-3.85	-3.86	-3.86	-3.87	-3.87	-3.88	-3.88	-3.89	-3.89	-3.90	-3.90	-3.91	-3.91	-3.92	-3.92	-3.93	-3.93	-3.94	-3.94	-3.95	-3.95	-3.96	-3.96	-3.97	-3.97	-3.98	-3.98	-3.99	-3.99	-4.00	-4.00	-4.01	-4.01	-4.02	-4.02	
178	-3.97	-3.99	-4.00	-4.01	-4.02	-4.03	-4.03	-4.04	-4.04	-4.05	-4.05	-4.06	-4.06	-4.07	-4.07	-4.08	-4.08	-4.09	-4.09	-4.10	-4.10	-4.11	-4.11	-4.12	-4.12	-4.13	-4.13	-4.14	-4.14	-4.15	-4.15	-4.16	-4.16	-4.17	-4.17	-4.18	-4.18	-4.19	-4.19	-4.20	-4.20	-4.21	-4.21	-4.22	-4.22	
176	-2.80	-2.83	-2.87	-3.00	-3.13	-3.07	-3.09	-3.10	-3.12	-3.13	-3.15	-3.14	-3.14	-3.15	-3.16	-3.17	-3.18	-3.18	-3.19	-3.20	-3.20	-3.21	-3.21	-3.22	-3.22	-3.23	-3.23	-3.24	-3.24	-3.25	-3.25	-3.26	-3.26	-3.27	-3.27	-3.28	-3.28	-3.29	-3.29	-3.30	-3.30	-3.31	-3.31	-3.32	-3.32	
174	-2.65	-2.61	-2.57	-2.58	-2.61	-2.62	-2.63	-2.63	-2.64	-2.64	-2.65	-2.65	-2.66	-2.66	-2.67	-2.67	-2.68	-2.68	-2.69	-2.69	-2.70	-2.70	-2.71	-2.71	-2.72	-2.72	-2.73	-2.73	-2.74	-2.74	-2.75	-2.75	-2.76	-2.76	-2.77	-2.77	-2.78	-2.78	-2.79	-2.79	-2.80	-2.80	-2.81	-2.81	-2.82	-2.82
172	-2.55	-2.51	-2.47	-2.49	-2.51	-2.52	-2.53	-2.53	-2.54	-2.54	-2.55	-2.55	-2.56	-2.56	-2.57	-2.57	-2.58	-2.58	-2.59	-2.59	-2.60	-2.60	-2.61	-2.61	-2.62	-2.62	-2.63	-2.63	-2.64	-2.64	-2.65	-2.65	-2.66	-2.66	-2.67	-2.67	-2.68	-2.68	-2.69	-2.69	-2.70	-2.70	-2.71	-2.71	-2.72	-2.72
170	-2.38	-2.45	-2.52	-2.58	-2.65	-2.72	-2.74	-2.77	-2.79	-2.82	-2.84	-2.82	-2.81	-2.79	-2.78	-2.76	-2.82	-2.85	-2.92	-3.01	-3.11	-3.21	-3.30	-3.39	-3.50	-3.60	-3.74	-3.88	-4.03	-4.17	-4.31	-4.45	-4.59	-4.73	-4.87	-5.01	-5.15	-5.29	-5.38	-5.47	-5.52	-5.56	-5.61	-5.65	-5.70	
168	-2.28	-2.35	-2.42	-2.48	-2.55	-2.62	-2.69	-2.76	-2.83	-2.90	-2.97	-3.04	-3.11	-3.18	-3.25	-3.32	-3.39	-3.46	-3.53	-3.60	-3.67	-3.74	-3.81	-3.88	-3.95	-4.02	-4.09	-4.16	-4.23	-4.30	-4.37	-4.44	-4.51	-4.58	-4.65	-4.72	-4.79	-4.86	-4.93	-5.00	-5.07	-5.14	-5.21	-5.28	-5.35	
166	-2.19	-2.28	-2.37	-2.46	-2.54	-2.63	-2.68	-2.69	-2.72	-2.75	-2.78	-2.76	-2.73	-2.71	-2.68	-2.65	-2.71	-2.76	-2.81	-2.86	-2.92	-3.01	-3.11	-3.21	-3.30	-3.40	-3.54	-3.68	-3.82	-3.96	-4.10	-4.24	-4.38	-4.53	-4.68	-4.83	-4.95	-5.11	-5.24	-5.35	-5.41	-5.47	-5.54	-5.60	-5.66	
164	-2.10	-2.19	-2.29	-2.39	-2.49	-2.58	-2.65	-2.68	-2.72	-2.75	-2.78	-2.76	-2.73	-2.69	-2.66	-2.65	-2.70	-2.74	-2.79	-2.83	-2.93	-3.02	-3.11	-3.21	-3.30	-3.44	-3.58	-3.72	-3.85	-3.99	-4.14	-4.29	-4.44	-4.59	-4.74	-4.84	-4.95	-5.06	-5.17	-5.28	-5.36	-5.43	-5.50	-5.57	-5.65	
162	-2.00	-2.11	-2.22	-2.32	-2.41	-2.51	-2.57	-2.61	-2.65	-2.68	-2.72	-2.69	-2.66	-2.62	-2.59	-2.58	-2.63	-2.67	-2.71	-2.75	-2.84	-2.93	-3.02	-3.11	-3.20	-3.34	-3.47	-3.61	-3.74	-3.89	-4.03	-4.18	-4.34	-4.49	-4.64	-4.75	-4.87	-4.99	-5.11	-5.22	-5.30	-5.38	-5.47	-5.55		
160	-1.91	-2.03	-2.14	-2.26	-2.37	-2.47	-2.53	-2.57	-2.61	-2.65	-2.69	-2.65	-2.61	-2.58	-2.53	-2.50	-2.53	-2.57	-2.60	-2.64	-2.67	-2.75	-2.84	-2.93	-3.01	-3.10	-3.24	-3.37	-3.51	-3.64	-3.78	-3.93	-4.09	-4.24	-4.40	-4.55	-4.67	-4.79	-4.94	-5.04	-5.16	-5.24	-5.32	-5.41		
158	-1.88	-2.02	-2.14	-2.27	-2.39	-2.52	-2.60	-2.64	-2.69	-2.73	-2.69	-2.66	-2.58	-2.52	-2.55	-2.58	-2.61	-2.64	-2.67	-2.74	-2.82	-2.90	-2.97	-3.04	-3.16	-3.27	-3.39	-3.51	-3.63	-3.74	-3.88	-4.06	-4.18	-4.31	-4.41	-4.51	-4.61	-4.70	-4.78	-4.86	-4.94	-5.02	-5.10			
156	-1.88	-2.01	-2.13	-2.26	-2.38	-2.50	-2.62	-2.66	-2.71	-2.75	-2.72	-2.70	-2.62	-2.56	-2.59	-2.62	-2.65	-2.68	-2.71	-2.78	-2.86	-2.93	-3.00	-3.12	-3.23	-3.35	-3.47	-3.59	-3.71	-3.83	-3.96	-4.12	-4.24	-4.36	-4.49	-4.61	-4.73	-4.84	-4.93	-5.02	-5.10	-5.18	-5.26			
154	-1.86	-2.00	-2.13	-2.26	-2.38	-2.51	-2.63	-2.67	-2.71	-2.75	-2.70	-2.68	-2.59	-2.53	-2.56	-2.59	-2.61	-2.64	-2.66	-2.71	-2.78	-2.86	-2.93	-3.05	-3.16	-3.28	-3.39	-3.51	-3.63	-3.75	-3.91	-4.09	-4.24	-4.40	-4.55	-4.67	-4.79	-4.94	-5.04	-5.16	-5.24	-5.32	-5.40			
152	-1.83	-2.00	-2.13	-2.26	-2.40	-2.50	-2.63	-2.70	-2.73	-2.79	-2.84	-2.79	-2.73	-2.68	-2.62	-2.56	-2.58	-2.60	-2.62	-2.64	-2.63	-2.70	-2.74	-2.78	-2.82	-2.86	-2.92	-2.99	-3.04	-3.10	-3.16	-3.17	-3.18	-3.19	-3.20	-3.21	-3.23	-3.26	-3.28	-3.31	-3.34	-3.38	-3.43	-3.47	-3.52	-3.56
150	-1.81	-2.00	-2.13	-2.26	-2.41	-2.48	-2.58	-2.67	-2.70	-2.76	-2.80	-2.75	-2.70	-2.64	-2.58	-2.52	-2.54	-2.56	-2.58	-2.60	-2.61	-2.67	-2.71	-2.75	-2.79	-2.83	-2.88	-2.93	-2.98	-3.03	-3.08	-3.13	-3.18	-3.19	-3.20	-3.21	-3.22	-3.23	-3.24	-3.26	-3.29	-3.32	-3.35	-3.39	-3.43	
148	-2.20	-2.46	-2.69	-2.74	-2.86	-3.00	-3.01	-3.02	-3.10	-3.14	-3.18	-3.11	-3.05	-2.99	-2.92	-2.85	-2.80	-2.83	-2.86	-2.89	-2.91	-2.97	-3.01	-3.04	-3.08	-3.16	-3.24	-3.32	-3.40	-3.48	-3.56	-3.64	-3.72	-3.80	-3.88	-3.96	-4.04	-4.12	-4.20	-4.28	-4.36	-4.44	-4.52	-4.60		
146	-2.80	-2.91	-3.03	-3.14	-3.25	-3.36	-3.38	-3.41	-3.43	-3.45	-3.47	-3.40	-3.34	-3.27	-3.20	-3.14	-3.10	-3.05	-3.03	-3.07	-3.13	-3.17	-3.23	-3.28	-3.34	-3.40	-3.46	-3.52	-3.58	-3.64	-3.70	-3.76	-3.82	-3.88	-3.94	-4.00	-4.06	-4.12	-4.18	-4.24	-4.30	-4.36	-4.42	-4.48		
144	-3.77	-3.84	-3.90	-3.97	-4.01	-4.09	-4.08	-4.08	-4.07	-4.06	-4.05	-4.06	-4.06	-4.05	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	
142	-4.76	-4.30	-4.34	-4.38	-4.41	-4.43	-4.40	-4.38	-4.36	-4.38	-4.30	-4.24	-4.13	-4.05	-3.97	-4.10	-4.22	-4.33	-4.43	-4.50	-4.57	-4.64	-4.71	-4.78	-4.84	-4.90	-4.96	-5.02	-5.08	-5.14	-5.20	-5.26	-5.32	-5.38	-5.44	-5.50	-5.56	-5.62	-5.68	-5.74	-5.80	-5.86	-5.92	-5.98		
138	-4.87	-4.41	-4.45	-4.49	-4.51	-4.53	-4.50	-4.48	-4.46	-4.48	-4.40	-4.34	-4.23	-4.15	-4.07	-4.20	-4.32	-4.43	-4.53	-4.60	-4.67	-4.74	-4.81	-4.88	-4.94	-5.00	-5.06	-5.12	-5.18	-5.24	-5.30	-5.36	-5.42	-5.48	-5.54	-5.60	-5.66	-5.72	-5.78	-5.84	-5.90	-5.96	-6.02			
134	-4.58	-4.64	-4.70	-4.77	-4.83	-4.89	-4.88	-4.88	-4.88	-4.88	-4.88	-4.81	-4.75	-4.69	-4.62	-4.56	-4.50	-4.43	-4.36	-4.28	-4.20	-4.12	-4.04	-3.96	-3.88	-3.80	-3.72	-3.64	-3.56	-3.48	-3.40	-3.32	-3.24	-3.16	-3.08	-3.00	-2.92	-2.84	-2.76	-2.68	-2.60	-2.52	-2.44			
132	-4.69	-4.75	-4.81	-4.87	-4.93	-4.99	-4.98	-4.98	-4.98	-4.98	-4.98	-4.91	-4.85	-4.78	-4.71	-4.64	-4.57	-4.50	-4.42	-4.34	-4.26	-4.18	-4.10	-4.02	-3.94	-3.86	-3.78	-3.70	-3.62	-3.54	-3.46	-3.38	-3.30	-3.22	-3.14	-3.06	-2.98	-2.90	-2.82	-2.74	-2.66	-2.58	-2.50			
130	-4.80	-4.87	-4.95	-5.02	-5.10	-5.17	-5.04	-5.15	-5.19	-5.20	-5.21	-5.22	-5.17	-5.11	-5.05	-4.98	-4.91	-4.84	-4.77	-4.70	-4.63	-4.56	-4.49	-4.42	-4.35	-4.28	-4.21	-4.14	-4.07	-4.00	-3.93	-3.86	-3.79	-3.72	-3.65	-3.58	-3.51	-3.44	-3.37	-3.30	-3.23	-3.16	-3.09			
128	-4.53	-4.63	-4.75	-4.88	-4.98	-5.09	-5.12	-5.16	-5.20	-5.23	-5.27	-5.33	-5.39	-5.45	-5.51	-5.57	-5.63	-5.68	-5.74	-5.79	-5.84	-5.89	-5.94	-5.99	-6.04	-6.09	-6.14	-6.19	-6.24	-6.29	-6.34	-6.39	-6.44	-6.49	-6.54	-6.59	-6.64	-6.69	-6.74	-6.79	-6.84	-6.89				
126	-4.76	-4.78	-4.80	-4.82	-4.84	-4.86	-4.88	-4.89	-4.90	-4.91	-4.92	-4.93	-4.94	-4.95	-4.96	-4.97	-4.98	-4.99	-5.00	-5.01	-5.02	-5.03	-5.04	-5.05	-5.06	-5.07	-5.08	-5.09	-5.10	-5.11	-5.12	-5.13	-5.14	-5.15	-5.16	-5.17	-5.18	-5.19	-5.20	-5.21	-5.22	-5.23	-5.24			
124	-4.88	-4.91	-4.93	-4.95	-4.97	-4.99	-5.01	-5.02	-5.03	-5.04	-5.05	-5.06	-5.07	-5.08	-5.09	-5.10	-5.11	-5.12	-5.13	-5.14	-5.15	-5.16	-5.17	-5.18	-5.19	-5.20	-5.21	-5.22	-5.23	-5.24	-5.25	-5.26	-5.27	-5.28	-5.29	-5.30	-5.31	-5.32	-5.33	-5.34	-5.35	-5.36	-5.37			
122	-3.71	-3.64	-3.46	-3.44	-3.41	-3.40	-3.41	-3.42	-3.43	-3.43	-3.44	-3.45	-3.46	-3.47	-3.48	-3.49	-3.50	-3.51	-3.52	-3.53	-3.54	-3.55	-3.56	-3.57	-3.58	-3.59	-3.60	-3.61	-3.62	-3.63	-3.64	-3.65	-3.66	-3.67	-3.68	-3.69	-3.70	-3.71	-3.72	-3.73	-3.74	-3.75	-3.76	-3.77		
120	-3.01	-3.03	-3.07	-3.10	-3.13																																									

Raw Data - ANT0 @ 2.45GHz (2/4)

Phi Angle [°]	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180		
Theta Angle [°]	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180		
180	3.25	3.16	3.07	2.98	2.89	2.80	2.71	2.63	2.54	2.45	2.36	2.28	2.19	2.11	2.00	2.00	1.98	1.95	1.93	1.91	1.91	1.91	1.92	1.92	1.92	1.92	1.92	1.92	2.00	2.02	2.05	2.18	2.30	2.43	2.55	2.68	2.76	2.84	2.92	3.00	3.08	3.11	3.14	3.18	3.21	3.24	
178	3.73	3.65	3.56	3.48	3.40	3.31	3.22	3.13	3.05	2.96	2.87	2.77	2.68	2.59	2.50	2.45	2.43	2.39	2.35	2.31	2.31	2.30	2.29	2.28	2.27	2.29	2.32	2.34	2.36	2.38	2.40	2.53	2.74	2.88	3.01	3.07	3.15	3.22	3.30	3.37	3.40	3.44	3.47	3.49			
176	4.21	4.14	4.06	3.98	3.90	3.82	3.74	3.66	3.58	3.50	3.42	3.34	3.26	3.18	3.10	3.05	3.03	2.99	2.95	2.92	2.92	2.91	2.90	2.89	2.88	2.87	2.89	2.92	2.94	2.96	3.09	3.21	3.33	3.45	3.57	3.69	3.79	3.87	3.90	3.92	3.94	3.97	3.99	4.01			
174	4.69	4.62	4.55	4.48	4.41	4.34	4.27	4.19	4.12	4.05	3.97	3.87	3.79	3.72	3.65	3.60	3.58	3.54	3.50	3.47	3.47	3.46	3.45	3.44	3.43	3.42	3.43	3.46	3.49	3.50	3.63	3.75	3.88	3.99	4.05	4.12	4.19	4.26	4.33	4.37	4.40	4.42	4.44	4.46			
172	5.17	5.10	5.04	4.98	4.91	4.84	4.74	4.65	4.57	4.49	4.37	4.27	4.16	4.05	3.94	3.86	3.77	3.69	3.63	3.53	3.49	3.45	3.41	3.37	3.34	3.34	3.35	3.35	3.35	3.36	3.36	3.48	3.60	3.72	3.84	3.96	4.06	4.08	4.14	4.20	4.26	4.28	4.34	4.34	4.34		
170	5.64	5.58	5.52	5.46	5.40	5.34	5.24	5.15	5.06	4.98	4.86	4.75	4.64	4.53	4.42	4.34	4.26	4.18	4.10	4.02	3.98	3.94	3.90	3.86	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82			
168	6.07	6.01	5.95	5.89	5.83	5.77	5.67	5.58	5.49	5.40	5.31	5.21	5.11	5.01	4.91	4.83	4.75	4.67	4.59	4.51	4.47	4.43	4.40	4.37	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34		
166	6.50	6.45	6.40	6.34	6.28	6.22	6.12	6.03	5.94	5.85	5.75	5.65	5.55	5.45	5.35	5.27	5.19	5.11	5.03	4.95	4.91	4.87	4.84	4.81	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78		
164	6.93	6.88	6.83	6.77	6.71	6.65	6.55	6.46	6.37	6.28	6.18	6.08	5.98	5.88	5.78	5.69	5.61	5.53	5.45	5.37	5.33	5.29	5.26	5.23	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20		
162	7.37	7.32	7.27	7.21	7.15	7.09	6.99	6.90	6.81	6.72	6.62	6.52	6.42	6.32	6.22	6.14	6.06	5.98	5.90	5.82	5.78	5.74	5.71	5.68	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65		
160	7.80	7.75	7.70	7.64	7.58	7.52	7.42	7.33	7.24	7.15	7.05	6.95	6.85	6.75	6.65	6.56	6.48	6.40	6.32	6.24	6.20	6.16	6.13	6.10	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	
158	8.23	8.18	8.13	8.07	8.01	7.95	7.85	7.76	7.67	7.58	7.48	7.38	7.28	7.18	7.08	6.99	6.91	6.83	6.75	6.67	6.63	6.59	6.56	6.53	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	
156	8.66	8.61	8.56	8.50	8.44	8.38	8.28	8.19	8.10	8.01	7.91	7.81	7.71	7.61	7.51	7.42	7.34	7.26	7.18	7.10	7.06	7.02	6.99	6.96	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93	
154	9.09	9.04	9.00	8.94	8.88	8.82	8.72	8.63	8.54	8.45	8.35	8.25	8.15	8.05	7.95	7.86	7.77	7.69	7.61	7.53	7.49	7.45	7.42	7.39	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	
152	9.52	9.47	9.42	9.36	9.30	9.24	9.14	9.05	8.96	8.87	8.77	8.67	8.57	8.47	8.37	8.28	8.19	8.11	8.03	7.95	7.91	7.87	7.84	7.81	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78		
150	9.95	9.90	9.85	9.79	9.73	9.67	9.57	9.48	9.39	9.30	9.20	9.10	9.00	8.90	8.80	8.71	8.62	8.54	8.46	8.38	8.34	8.30	8.27	8.24	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21		
148	10.38	10.33	10.28	10.22	10.16	10.10	10.00	9.91	9.82	9.73	9.63	9.53	9.43	9.33	9.23	9.14	9.05	8.97	8.89	8.81	8.77	8.73	8.70	8.67	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	
146	10.81	10.76	10.71	10.65	10.59	10.53	10.43	10.34	10.25	10.16	10.06	9.96	9.86	9.76	9.66	9.56	9.47	9.39	9.31	9.23	9.19	9.15	9.12	9.09	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06
144	11.24	11.19	11.14	11.08	11.02	10.96	10.86	10.77	10.68	10.59	10.49	10.39	10.29	10.19	10.09	9.99	9.90	9.82	9.74	9.66	9.62	9.58	9.55	9.52	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49
142	11.67	11.62	11.57	11.51	11.45	11.39	11.29	11.20	11.11	11.02	10.92	10.82	10.72	10.62	10.52	10.42	10.34	10.26	10.18	10.14	10.10	10.07	10.04	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01
140	12.10	12.05	12.00	11.94	11.88	11.82	11.72	11.63	11.54	11.45	11.35	11.25	11.15	11.05	10.95	10.85	10.77	10.69	10.61	10.53	10.49	10.45	10.42	10.39	10.36	10.36	10.36	10.36	10.36	10.36	10.36	10.36	10.36	10.36	10.36	10.36	10.36	10.36	10.36	10.36	10.36	10.36	10.36	10.36	10.36	10.36	10.36
138	12.53	12.48	12.43	12.37	12.31	12.25	12.15	12.06	11.97	11.88	11.78	11.68	11.58	11.48	11.38	11.28	11.20	11.12	11.04	10.96	10.92	10.88	10.85	10.82	10.79	10.79	10.79	10.79	10.79	10.79	10.79	10.79	10.79	10.79	10.79	10.79	10.79	10.79	10.79	10.79	10.79	10.79	10.79	10.79	10.79	10.79	
136	12.96	12.91	12.86	12.80	12.74	12.68	12.58	12.49	12.40	12.31	12.21	12.11	12.01	11.91	11.81	11.71	11.63	11.55	11.47	11.39	11.35	11.31	11.28	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	
134	13.39	13.34	13.29	13.23	13.17	13.11	13.01	12.92	12.83	12.74	12.64	12.54	12.44	12.34	12.24	12.14	12.06	11.98	11.90	11.82	11.78	11.74	11.71	11.68	11.68	11.68	11.68	11.68	11.68	11.68	11.68	11.68	11.68	11.68	11.68	11.68	11.68	11.68	11.68	11.68	11.68	11.68	11.68	11.68	11.68	11.68	
132	13.82	13.77	13.72	13.66	13.60	13.54	13.44	13.35	13.26	13.17	13.07	12.97	12.87	12.77	12.67	12.57	12.49	12.41	12.33	12.25	12.21	12.17	12.14	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	12.11	
130	14.25	14.20	14.15	14.09	14.03	13.97	13.87	13.78	13.69	13.59	13.49	13.39	13.29	13.19	13.09	12.99	12.91	12.83	12.75	12.67	12.63	12.59	12.56	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.53	
128	14.68	14.63	14.58	14.52	14.46	14.40	14.30	14.21	14.12	14.03	13.93	13.83	13.73	13.63	13.53	13.43	13.35	13.27	13.19	13.15	13.11	13.08																									

Raw Data - ANT0 @ 2.45GHz (3/4)

Phi Angle (°)	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90				
Theta Angle (°)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)				
2	15.14	16.18	16.19	16.21	16.23	16.28	16.31	16.34	16.37	16.40	16.43	16.46	16.49	16.53	16.56	16.59	16.63	16.66	16.70	16.73	16.75	16.77	16.79	16.81	16.83	16.84	16.84	16.85	16.86	16.86	16.87	16.88	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89		
4	15.96	16.03	16.06	16.11	16.14	16.21	16.24	16.28	16.36	16.40	16.43	16.46	16.49	16.53	16.56	16.59	16.63	16.66	16.70	16.73	16.75	16.77	16.79	16.81	16.83	16.84	16.84	16.85	16.86	16.87	16.88	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89
6	15.67	15.76	15.85	15.94	16.03	16.12	16.24	16.35	16.46	16.57	16.68	16.82	16.95	17.08	17.21	17.34	17.48	17.61	17.75	17.88	18.02	18.10	18.18	18.26	18.35	18.43	18.45	18.48	18.50	18.52	18.55	18.58	18.61	18.63	18.62	18.61	18.60	17.88	17.77	17.65	17.54	17.43	17.31	17.19	17.08	16.96	16.84		
8	15.29	15.39	15.48	15.57	15.66	15.75	15.85	15.94	16.03	16.12	16.21	16.30	16.39	16.48	16.57	16.66	16.75	16.84	16.93	17.02	17.11	17.20	17.29	17.38	17.47	17.56	17.65	17.74	17.83	17.92	18.01	18.10	18.19	18.28	18.37	18.46	18.55	18.64	18.73	18.82	18.91	19.00	19.09	19.18	19.27	19.36	19.45		
10	14.73	14.86	14.99	15.12	15.25	15.38	15.55	15.71	15.88	16.05	16.21	16.41	16.60	16.82	17.09	17.22	17.46	17.70	17.94	18.18	18.43	18.56	18.70	18.84	18.98	19.12	19.15	19.10	19.22	19.26	19.29	19.09	18.89	18.69	18.49	18.28	18.09	17.90	17.70	17.51	17.32	17.13	16.95	16.77	16.58	16.40			
12	14.14	14.28	14.42	14.56	14.69	14.82	15.08	15.27	15.46	15.75	16.06	16.41	16.78	17.15	17.46	17.78	18.09	18.40	18.75	19.06	19.35	19.61	19.85	20.07	20.28	20.48	20.67	20.86	21.05	21.24	21.43	21.62	21.81	22.00	22.19	22.38	22.57	22.76	22.95	23.14	23.33	23.52	23.71	23.90	24.09	24.28	24.47		
14	13.43	13.68	13.93	14.18	14.43	14.68	15.03	15.38	15.73	16.08	16.43	16.78	17.13	17.48	17.83	18.18	18.53	18.88	19.23	19.58	19.93	20.28	20.63	20.98	21.33	21.68	22.03	22.38	22.73	23.08	23.43	23.78	24.13	24.48	24.83	25.18	25.53	25.88	26.23	26.58	26.93	27.28	27.63	27.98	28.33	28.68			
16	12.62	12.94	13.26	13.58	13.91	14.23	14.55	14.87	15.19	15.51	15.83	16.15	16.47	16.79	17.11	17.43	17.75	18.07	18.39	18.71	19.03	19.35	19.67	19.99	20.31	20.63	20.95	21.27	21.59	21.91	22.23	22.55	22.87	23.19	23.51	23.83	24.15	24.47	24.79	25.11	25.43	25.75	26.07	26.39	26.71	27.03	27.35		
18	11.71	11.83	11.97	12.10	12.23	12.36	12.56	12.76	12.96	13.16	13.36	13.54	13.71	13.89	14.06	14.24	14.41	14.58	14.74	14.91	15.08	15.25	15.42	15.59	15.76	15.93	16.10	16.27	16.44	16.61	16.78	16.95	17.12	17.29	17.46	17.63	17.80	17.97	18.14	18.31	18.48	18.65	18.82	18.99	19.16	19.33			
20	11.10	11.22	11.34	11.46	11.58	11.70	11.92	12.10	12.28	12.46	12.64	12.81	12.99	13.17	13.35	13.53	13.71	13.89	14.07	14.25	14.43	14.61	14.79	14.97	15.15	15.33	15.51	15.69	15.87	16.05	16.23	16.41	16.59	16.77	16.95	17.13	17.31	17.49	17.67	17.85	18.03	18.21	18.39	18.57	18.75	18.93			
22	10.48	10.59	10.70	10.82	10.94	11.06	11.28	11.44	11.61	11.83	12.03	12.23	12.43	12.63	12.83	13.03	13.23	13.43	13.63	13.83	14.03	14.23	14.43	14.63	14.83	15.03	15.23	15.43	15.63	15.83	16.03	16.23	16.43	16.63	16.83	17.03	17.23	17.43	17.63	17.83	18.03	18.23	18.43	18.63	18.83	19.03			
24	9.89	9.99	10.10	10.21	10.32	10.43	10.69	10.86	11.04	11.26	11.46	11.63	11.81	11.99	12.17	12.35	12.53	12.71	12.89	13.07	13.25	13.43	13.61	13.79	13.97	14.15	14.33	14.51	14.69	14.87	15.05	15.23	15.41	15.59	15.77	15.95	16.13	16.31	16.49	16.67	16.85	17.03	17.21	17.39	17.57	17.75			
26	9.32	9.40	9.49	9.58	9.67	9.76	9.99	10.18	10.37	10.56	10.75	10.94	11.13	11.32	11.51	11.70	11.89	12.08	12.27	12.46	12.65	12.84	13.03	13.22	13.41	13.60	13.79	13.98	14.17	14.36	14.55	14.74	14.93	15.12	15.31	15.50	15.69	15.88	16.07	16.26	16.45	16.64	16.83	17.02	17.21	17.40	17.59		
28	8.78	8.85	8.90	8.94	8.97	9.00	9.16	9.34	9.52	9.69	9.86	10.03	10.20	10.37	10.54	10.71	10.88	11.05	11.22	11.39	11.56	11.73	11.90	12.07	12.24	12.41	12.58	12.75	12.92	13.09	13.26	13.43	13.60	13.77	13.94	14.11	14.28	14.45	14.62	14.79	14.96	15.13	15.30	15.47	15.64	15.81	15.98		
30	8.26	8.31	8.34	8.37	8.39	8.41	8.59	8.76	8.93	9.10	9.27	9.44	9.61	9.78	9.95	10.12	10.29	10.46	10.63	10.80	10.97	11.14	11.31	11.48	11.65	11.82	11.99	12.16	12.33	12.50	12.67	12.84	13.01	13.18	13.35	13.52	13.69	13.86	14.03	14.20	14.37	14.54	14.71	14.88	15.05	15.22	15.39		
32	7.76	7.79	7.81	7.83	7.85	7.87	8.05	8.22	8.39	8.56	8.73	8.90	9.07	9.24	9.41	9.58	9.75	9.92	10.09	10.26	10.43	10.60	10.77	10.94	11.11	11.28	11.45	11.62	11.79	11.96	12.13	12.30	12.47	12.64	12.81	12.98	13.15	13.32	13.49	13.66	13.83	14.00	14.17	14.34	14.51	14.68	14.85		
34	7.28	7.30	7.32	7.34	7.36	7.38	7.56	7.73	7.90	8.07	8.24	8.41	8.58	8.75	8.92	9.09	9.26	9.43	9.60	9.77	9.94	10.11	10.28	10.45	10.62	10.79	10.96	11.13	11.30	11.47	11.64	11.81	11.98	12.15	12.32	12.49	12.66	12.83	13.00	13.17	13.34	13.51	13.68	13.85	14.02	14.19	14.36	14.53	
36	6.82	6.84	6.86	6.88	6.90	6.92	7.10	7.27	7.44	7.61	7.78	7.95	8.12	8.29	8.46	8.63	8.80	8.97	9.14	9.31	9.48	9.65	9.82	9.99	10.16	10.33	10.50	10.67	10.84	11.01	11.18	11.35	11.52	11.69	11.86	12.03	12.20	12.37	12.54	12.71	12.88	13.05	13.22	13.39	13.56	13.73	13.90	14.07	
38	6.38	6.40	6.42	6.44	6.46	6.48	6.66	6.83	7.00	7.17	7.34	7.51	7.68	7.85	8.02	8.19	8.36	8.53	8.70	8.87	9.04	9.21	9.38	9.55	9.72	9.89	10.06	10.23	10.40	10.57	10.74	10.91	11.08	11.25	11.42	11.59	11.76	11.93	12.10	12.27	12.44	12.61	12.78	12.95	13.12	13.29	13.46		
40	5.95	5.97	5.99	6.01	6.03	6.05	6.23	6.40	6.57	6.74	6.91	7.08	7.25	7.42	7.59	7.76	7.93	8.10	8.27	8.44	8.61	8.78	8.95	9.12	9.29	9.46	9.63	9.80	9.97	10.14	10.31	10.48	10.65	10.82	10.99	11.16	11.33	11.50	11.67	11.84	12.01	12.18	12.35	12.52	12.69	12.86	13.03		
42	5.53	5.55	5.57	5.59	5.61	5.63	5.81	5.98	6.15	6.32	6.49	6.66	6.83	7.00	7.17	7.34	7.51	7.68	7.85	8.02	8.19	8.36	8.53	8.70	8.87	9.04	9.21	9.38	9.55	9.72	9.89	10.06	10.23	10.40	10.57	10.74	10.91	11.08	11.25	11.42	11.59	11.76	11.93	12.10	12.27	12.44	12.61		
44	5.12	5.14	5.16	5.18	5.20	5.22	5.40	5.57	5.74	5.91	6.08	6.25	6.42	6.59	6.76	6.93	7.10	7.27	7.44	7.61	7.78	7.95	8.12	8.29	8.46	8.63	8.80	8.97	9.14	9.31	9.48	9.65	9.82	9.99	10.16	10.33	10.50	10.67	10.84	11.01	11.18	11.35	11.52	11.69	11.86	12.03	12.20		
46	4.72	4.74	4.76	4.78	4.80	4.82	5.00	5.17	5.34	5.51	5.68	5.85	6.02	6.19	6.36	6.53	6.70	6.87	7.04	7.21	7.38	7.55	7.72	7.89	8.06	8.23	8.40	8.57	8.74	8.91	9.08	9.25	9.42	9.59	9.76	9.93	10.10	10.27	10.44	10.61	10.78	10.95	11.12	11.29	11.46	11.63			
48	4.33	4.35	4.37	4.39	4.41	4.43	4.61	4.78	4.95	5.12	5.29	5.46	5.63	5.80	5.97	6.14	6.31	6.48	6.65	6.82	6.99	7.16	7.33	7.50	7.67	7.84	8.01	8.18	8.35	8.52	8.69	8.86	9.03	9.20	9.37	9.54	9.71	9.88	10.05	10.22	10.39	10.56	10.73	10.90	11.07	11.24			
50	3.95	3.97	3.99	4.01	4.03	4.05	4.23	4.40	4.57	4.74	4.91	5.08	5.25	5.42	5.59	5.76	5.93	6.10	6.27	6.44	6.61	6.78	6.95	7.12	7.29	7.46	7.63	7.80	7.97	8.14	8.31	8.48	8.65</																

Raw Data - ANTO @ 2.45GHz (4/4)

Phi Angle (°)	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180
Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)
0	4.42	6.40	6.39	6.37	6.33	6.34	6.31	6.30	6.29	6.28	6.27	6.27	6.26	6.25	6.24	6.23	6.24	6.23	6.23	6.22	6.22	6.21	6.21	6.20	6.19	6.18	6.17	6.16	6.15	6.14	6.13	6.12	6.11	6.09	6.07	6.06	6.05	6.04	6.03	6.02	6.01	6.00	5.99	5.98	
2	4.64	6.41	6.47	6.44	6.41	6.38	6.36	6.34	6.32	6.29	6.28	6.26	6.25	6.23	6.22	6.20	6.19	6.18	6.17	6.16	6.14	6.13	6.11	6.10	6.08	6.06	6.04	6.02	6.00	5.98	5.96	5.93	5.91	5.89	5.86	5.84	5.83	5.81	5.79	5.77	5.75	5.72	5.70	5.68	
4	4.86	6.41	6.56	6.51	6.46	6.43	6.39	6.36	6.32	6.29	6.27	6.24	6.22	6.20	6.17	6.16	6.14	6.12	6.10	6.08	6.06	6.04	6.02	5.99	5.97	5.94	5.91	5.88	5.85	5.82	5.79	5.75	5.72	5.69	5.66	5.63	5.60	5.58	5.56	5.53	5.50	5.48	5.45	5.43	5.38
6	5.08	6.42	6.58	6.52	6.46	6.42	6.38	6.34	6.29	6.26	6.23	6.20	6.18	6.15	6.13	6.10	6.08	6.06	6.04	6.02	6.00	5.97	5.94	5.90	5.86	5.83	5.79	5.75	5.70	5.65	5.60	5.55	5.50	5.44	5.38	5.33	5.27	5.21	5.16	5.11	5.07	5.00	4.94	4.88	4.76
10	5.60	6.42	6.73	6.65	6.57	6.51	6.44	6.38	6.24	6.20	6.17	6.13	6.09	6.06	6.03	6.00	5.97	5.93	5.88	5.83	5.78	5.73	5.67	5.60	5.53	5.46	5.39	5.32	5.25	5.18	5.11	5.04	4.97	4.90	4.83	4.76	4.69	4.62	4.55	4.48	4.41	4.34	4.26	4.16	
12	5.80	6.52	6.83	6.74	6.64	6.56	6.49	6.42	6.27	6.24	6.19	6.14	6.08	6.03	5.98	5.93	5.78	5.73	5.70	5.67	5.63	5.59	5.55	5.51	5.47	5.42	5.36	5.30	5.23	5.16	5.13	5.06	4.99	4.92	4.86	4.80	4.75	4.70	4.65	4.59	4.52	4.44	4.40	4.30	
14	6.03	6.72	7.13	6.94	6.86	6.78	6.71	6.64	6.49	6.46	6.41	6.34	6.28	6.23	6.18	6.13	6.07	6.03	5.98	5.93	5.88	5.83	5.78	5.73	5.67	5.61	5.54	5.47	5.40	5.33	5.26	5.19	5.13	5.06	4.99	4.92	4.86	4.80	4.75	4.69	4.62	4.54	4.44		
16	6.31	6.92	7.33	7.04	6.96	6.88	6.81	6.74	6.59	6.56	6.51	6.44	6.38	6.33	6.28	6.23	6.17	6.13	6.08	6.03	5.98	5.93	5.88	5.83	5.78	5.73	5.67	5.61	5.54	5.47	5.40	5.33	5.26	5.19	5.13	5.06	4.99	4.92	4.86	4.80	4.75	4.69	4.62	4.54	
18	6.61	7.02	7.43	7.14	7.06	6.98	6.91	6.84	6.69	6.66	6.61	6.54	6.48	6.43	6.38	6.33	6.27	6.23	6.18	6.13	6.08	6.03	5.98	5.93	5.88	5.83	5.78	5.73	5.67	5.61	5.54	5.47	5.40	5.33	5.26	5.19	5.13	5.06	4.99	4.92	4.86	4.80	4.75	4.69	
20	6.92	7.22	7.63	7.34	7.26	7.18	7.11	7.04	6.89	6.86	6.81	6.74	6.68	6.63	6.58	6.53	6.47	6.43	6.38	6.33	6.28	6.23	6.18	6.13	6.08	6.03	5.98	5.93	5.87	5.81	5.74	5.67	5.60	5.53	5.47	5.40	5.33	5.26	5.19	5.13	5.07	5.00	4.94	4.88	
22	7.22	7.42	7.83	7.43	7.35	7.27	7.20	7.13	6.97	6.94	6.89	6.82	6.76	6.71	6.66	6.61	6.55	6.51	6.46	6.41	6.36	6.31	6.26	6.21	6.16	6.11	6.06	6.01	5.96	5.90	5.84	5.77	5.70	5.63	5.57	5.50	5.43	5.37	5.30	5.24	5.17	5.10	5.04	4.98	
24	7.51	7.52	7.93	7.53	7.45	7.37	7.30	7.23	7.07	7.04	6.99	6.92	6.86	6.81	6.76	6.71	6.65	6.61	6.56	6.51	6.46	6.41	6.36	6.31	6.26	6.21	6.16	6.11	6.06	6.01	5.96	5.90	5.84	5.77	5.70	5.63	5.57	5.50	5.43	5.37	5.30	5.24	5.17	5.10	
26	7.80	7.72	8.13	7.73	7.65	7.57	7.50	7.43	7.27	7.24	7.19	7.12	7.06	7.01	6.96	6.91	6.85	6.81	6.76	6.71	6.66	6.61	6.56	6.51	6.46	6.41	6.36	6.31	6.26	6.21	6.16	6.11	6.06	6.01	5.96	5.90	5.84	5.77	5.70	5.63	5.57	5.50	5.43	5.37	
28	8.09	7.92	8.33	7.93	7.85	7.77	7.70	7.63	7.47	7.44	7.39	7.32	7.26	7.21	7.16	7.11	7.05	7.01	6.96	6.91	6.86	6.81	6.76	6.71	6.66	6.61	6.56	6.51	6.46	6.41	6.36	6.31	6.26	6.21	6.16	6.11	6.06	6.01	5.96	5.90	5.84	5.77	5.70		
30	8.38	8.12	8.53	8.13	8.05	7.97	7.90	7.83	7.67	7.64	7.59	7.52	7.46	7.41	7.36	7.31	7.25	7.21	7.16	7.11	7.06	7.01	6.96	6.91	6.86	6.81	6.76	6.71	6.66	6.61	6.56	6.51	6.46	6.41	6.36	6.31	6.26	6.21	6.16	6.11	6.06	6.01	5.96		
32	8.67	8.32	8.73	8.33	8.25	8.17	8.10	8.03	7.87	7.84	7.79	7.72	7.66	7.61	7.56	7.51	7.45	7.41	7.36	7.31	7.26	7.21	7.16	7.11	7.06	7.01	6.96	6.91	6.86	6.81	6.76	6.71	6.66	6.61	6.56	6.51	6.46	6.41	6.36	6.31	6.26	6.21	6.16	6.11	
34	8.96	8.52	8.93	8.53	8.45	8.37	8.30	8.23	8.07	8.04	7.99	7.92	7.86	7.81	7.76	7.71	7.65	7.61	7.56	7.51	7.46	7.41	7.36	7.31	7.26	7.21	7.16	7.11	7.06	7.01	6.96	6.91	6.86	6.81	6.76	6.71	6.66	6.61	6.56	6.51	6.46	6.41	6.36		
36	9.25	8.82	9.23	8.83	8.75	8.67	8.60	8.53	8.37	8.34	8.29	8.22	8.16	8.11	8.06	8.01	7.95	7.91	7.86	7.81	7.76	7.71	7.66	7.61	7.56	7.51	7.46	7.41	7.36	7.31	7.26	7.21	7.16	7.11	7.06	7.01	6.96	6.91	6.86	6.81	6.76	6.71	6.66		
38	9.54	9.02	9.43	9.03	8.95	8.87	8.80	8.73	8.57	8.54	8.49	8.42	8.36	8.31	8.26	8.21	8.15	8.11	8.06	8.01	7.96	7.91	7.86	7.81	7.76	7.71	7.66	7.61	7.56	7.51	7.46	7.41	7.36	7.31	7.26	7.21	7.16	7.11	7.06	7.01	6.96	6.91	6.86		
40	9.83	9.32	9.73	9.33	9.25	9.17	9.10	9.03	8.87	8.84	8.79	8.72	8.66	8.61	8.56	8.51	8.45	8.41	8.36	8.31	8.26	8.21	8.16	8.11	8.06	8.01	7.96	7.91	7.86	7.81	7.76	7.71	7.66	7.61	7.56	7.51	7.46	7.41	7.36	7.31	7.26	7.21	7.16	7.11	
42	10.12	9.62	10.03	9.63	9.55	9.47	9.40	9.33	9.17	9.14	9.09	9.02	8.96	8.91	8.86	8.81	8.75	8.71	8.66	8.61	8.56	8.51	8.46	8.41	8.36	8.31	8.26	8.21	8.16	8.11	8.06	8.01	7.96	7.91	7.86	7.81	7.76	7.71	7.66	7.61	7.56	7.51	7.46	7.41	
44	10.41	9.92	10.33	9.93	9.85	9.77	9.70	9.63	9.47	9.44	9.39	9.32	9.26	9.21	9.16	9.11	9.05	9.01	8.96	8.91	8.86	8.81	8.76	8.71	8.66	8.61	8.56	8.51	8.46	8.41	8.36	8.31	8.26	8.21	8.16	8.11	8.06	8.01	7.96	7.91	7.86	7.81	7.76	7.71	
46	10.70	10.22	10.63	10.23	10.15	10.07	10.00	9.93	9.77	9.74	9.69	9.62	9.56	9.51	9.46	9.41	9.35	9.31	9.26	9.21	9.16	9.11	9.06	9.01	8.96	8.91	8.86	8.81	8.76	8.71	8.66	8.61	8.56	8.51	8.46	8.41	8.36	8.31	8.26	8.21	8.16	8.11	8.06	8.01	
48	11.00	10.52	10.93	10.53	10.45	10.37	10.30	10.23	10.07	10.04	9.99	9.92	9.86	9.81	9.76	9.71	9.65	9.61	9.56	9.51	9.46	9.41	9.36	9.31	9.26	9.21	9.16	9.11	9.06	9.01	8.96	8.91	8.86	8.81	8.76	8.71	8.66	8.61	8.56	8.51	8.46	8.41	8.36	8.31	
50	11.29	10.82	11.23	10.83	10.75	10.67	10.60	10.53	10.37	10.34	10.29	10.22	10.16	10.11	10.06	10.01	9.95	9.91	9.86	9.81	9.76	9.71	9.66	9.61	9.56	9.51	9.46	9.41	9.36	9.31	9.26	9.21	9.16	9.11	9.06	9.01	8.96	8.91	8.86	8.81	8.76	8.71	8.66	8.61	
52	11.58	11.12	11.53	11.13	11.05	10.97	10.90	10.83	10.67	10.64	10.59	10.52	10.46	10.41	10.36	10.31	10.25	10.21	10.16	10.11	10.06	10.01	9.96	9.91	9.86	9.81	9.76	9.71	9.66	9.61	9.56	9.51	9.46	9.41	9.36	9.31	9.26	9.21	9.16	9.11	9.06	9.01	8.96	8.91	
54	11.87	11.42	11.83	11.43	11.35	11.27	11.20	11.13	10.97	10.94	10.89	10.82	10.76	10.71	10.66	10.61	10.55	10.51	10.46	10.41	10.36	10.31	10.26	10.21	10.16	10.11	10.06	10.01	9.96	9.91	9.86	9.81	9.76	9.71	9.66	9.61	9.56	9.51	9.46	9.41	9.36	9.31	9.26	9.21	9.16
56	12.16	11.72	12.13	11.73	11.65	11.57	11.50	11.43	11.27	11.24	11.19	11.12	11.06	11.01	10.96	10.91	10.85	10.81	10.76	10.71	10.66	10.61	10.56	10.51	10.46	10.41	10.36	10.31	10.26	10.21	10.16	10.11	10.06	10.01	9.96	9.91	9.86	9.81	9.76	9.71	9.66	9.61	9.		

Raw Data - ANT0 @ 2.5GHz (1/4)

Phi Angle (°)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90
Theta Angle (°)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90
170	6.35	6.63	6.71	6.78	6.86	6.94	7.01	7.08	7.15	7.22	7.29	7.35	7.41	7.47	7.53	7.59	7.64	7.69	7.74	7.79	7.84	7.89	7.94	7.99	8.04	8.09	8.14	8.19	8.24	8.29	8.34	8.39	8.44	8.49	8.54	8.59	8.64	8.69	8.74	8.79	8.84	8.89	8.94	8.99	9.04	
178	6.35	6.63	6.71	6.78	6.86	6.94	7.01	7.08	7.15	7.22	7.29	7.35	7.41	7.47	7.53	7.59	7.64	7.69	7.74	7.79	7.84	7.89	7.94	7.99	8.04	8.09	8.14	8.19	8.24	8.29	8.34	8.39	8.44	8.49	8.54	8.59	8.64	8.69	8.74	8.79	8.84	8.89	8.94	8.99	9.04	
176	2.14	2.23	2.31	2.40	2.47	2.57	2.63	2.68	2.74	2.79	2.83	2.87	2.89	2.91	2.93	2.95	2.98	3.01	3.03	3.05	3.07	3.09	3.11	3.13	3.15	3.17	3.19	3.21	3.23	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.53	3.57	
174	1.64	1.68	1.71	1.74	1.77	1.80	1.84	1.87	1.90	1.93	1.96	1.99	2.01	2.03	2.05	2.07	2.09	2.11	2.13	2.15	2.17	2.19	2.21	2.23	2.25	2.27	2.29	2.31	2.33	2.35	2.37	2.39	2.41	2.43	2.45	2.47	2.49	2.51	2.53	2.55	2.57	2.59	2.61	2.63	2.65	
172	1.63	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99	2.00	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	2.10	2.11	2.12
170	1.53	1.63	1.73	1.82	1.92	2.02	2.07	2.12	2.17	2.22	2.27	2.32	2.37	2.42	2.46	2.50	2.54	2.58	2.62	2.66	2.70	2.74	2.78	2.82	2.86	2.90	2.94	2.98	3.02	3.06	3.10	3.14	3.18	3.22	3.26	3.30	3.34	3.38	3.42	3.46	3.50	3.54	3.58	3.62	3.66	
168	1.42	1.52	1.62	1.72	1.82	1.92	2.02	2.07	2.12	2.17	2.22	2.27	2.32	2.37	2.42	2.46	2.50	2.54	2.58	2.62	2.66	2.70	2.74	2.78	2.82	2.86	2.90	2.94	2.98	3.02	3.06	3.10	3.14	3.18	3.22	3.26	3.30	3.34	3.38	3.42	3.46	3.50	3.54	3.58	3.62	
166	1.32	1.52	1.62	1.72	1.82	1.92	2.02	2.07	2.12	2.17	2.22	2.27	2.32	2.37	2.42	2.46	2.50	2.54	2.58	2.62	2.66	2.70	2.74	2.78	2.82	2.86	2.90	2.94	2.98	3.02	3.06	3.10	3.14	3.18	3.22	3.26	3.30	3.34	3.38	3.42	3.46	3.50	3.54	3.58	3.62	
164	1.36	1.46	1.57	1.67	1.77	1.88	1.92	1.97	2.01	2.06	2.10	2.15	2.20	2.25	2.29	2.34	2.39	2.43	2.48	2.53	2.57	2.61	2.65	2.69	2.73	2.77	2.81	2.85	2.89	2.93	2.97	3.01	3.05	3.09	3.13	3.17	3.21	3.25	3.29	3.33	3.37	3.41	3.45	3.49	3.53	
162	1.41	1.41	1.51	1.61	1.72	1.82	1.87	1.92	1.96	2.00	2.05	2.10	2.15	2.20	2.25	2.29	2.34	2.39	2.43	2.48	2.53	2.57	2.61	2.65	2.69	2.73	2.77	2.81	2.85	2.89	2.93	2.97	3.01	3.05	3.09	3.13	3.17	3.21	3.25	3.29	3.33	3.37	3.41	3.45	3.49	
160	1.25	1.36	1.46	1.57	1.67	1.78	1.88	1.91	1.95	1.99	2.03	2.07	2.11	2.15	2.19	2.23	2.28	2.32	2.36	2.40	2.44	2.48	2.52	2.56	2.60	2.64	2.68	2.72	2.76	2.80	2.84	2.88	2.92	2.96	3.00	3.04	3.08	3.12	3.16	3.20	3.24	3.28	3.32	3.36		
158	1.33	1.43	1.53	1.66	1.76	1.87	1.91	1.95	1.99	2.03	2.07	2.11	2.15	2.19	2.23	2.28	2.32	2.36	2.40	2.44	2.48	2.52	2.56	2.60	2.64	2.68	2.72	2.76	2.80	2.84	2.88	2.92	2.96	3.00	3.04	3.08	3.12	3.16	3.20	3.24	3.28	3.32	3.36	3.40		
156	1.44	1.54	1.65	1.77	1.87	1.98	2.04	2.10	2.16	2.22	2.28	2.34	2.40	2.46	2.52	2.58	2.64	2.70	2.76	2.82	2.88	2.94	3.00	3.06	3.12	3.18	3.24	3.30	3.36	3.42	3.48	3.54	3.60	3.66	3.72	3.78	3.84	3.90	3.96	4.02	4.08	4.14	4.20	4.26		
154	1.44	1.64	1.74	1.84	1.94	2.04	2.08	2.12	2.16	2.20	2.24	2.28	2.32	2.36	2.40	2.44	2.48	2.52	2.56	2.60	2.64	2.68	2.72	2.76	2.80	2.84	2.88	2.92	2.96	3.00	3.04	3.08	3.12	3.16	3.20	3.24	3.28	3.32	3.36	3.40	3.44	3.48	3.52	3.56		
152	1.63	1.73	1.83	1.93	2.03	2.13	2.17	2.21	2.24	2.28	2.32	2.36	2.40	2.44	2.48	2.52	2.56	2.60	2.64	2.68	2.72	2.76	2.80	2.84	2.88	2.92	2.96	3.00	3.04	3.08	3.12	3.16	3.20	3.24	3.28	3.32	3.36	3.40	3.44	3.48	3.52	3.56	3.60	3.64		
150	1.73	1.83	1.93	2.03	2.13	2.23	2.27	2.31	2.34	2.38	2.42	2.46	2.50	2.54	2.58	2.62	2.66	2.70	2.74	2.78	2.82	2.86	2.90	2.94	2.98	3.02	3.06	3.10	3.14	3.18	3.22	3.26	3.30	3.34	3.38	3.42	3.46	3.50	3.54	3.58	3.62	3.66	3.70			
148	2.23	2.38	2.43	2.49	2.54	2.61	2.68	2.74	2.80	2.86	2.92	2.98	3.04	3.10	3.16	3.22	3.28	3.34	3.40	3.46	3.52	3.58	3.64	3.70	3.76	3.82	3.88	3.94	4.00	4.06	4.12	4.18	4.24	4.30	4.36	4.42	4.48	4.54	4.60	4.66	4.72	4.78	4.84			
146	2.62	2.62	2.64	2.68	2.72	2.76	2.80	2.84	2.88	2.92	2.96	3.00	3.04	3.08	3.12	3.16	3.20	3.24	3.28	3.32	3.36	3.40	3.44	3.48	3.52	3.56	3.60	3.64	3.68	3.72	3.76	3.80	3.84	3.88	3.92	3.96	4.00	4.04	4.08	4.12	4.16	4.20	4.24			
144	3.49	3.57	3.65	3.74	3.82	3.91	3.99	4.07	4.15	4.23	4.31	4.39	4.47	4.55	4.63	4.71	4.79	4.87	4.95	5.03	5.11	5.19	5.27	5.35	5.43	5.51	5.59	5.67	5.75	5.83	5.91	5.99	6.07	6.15	6.23	6.31	6.39	6.47	6.55	6.63	6.71	6.79	6.87			
142	4.07	4.02	3.96	3.90	3.85	3.79	3.73	3.68	3.62	3.56	3.50	3.44	3.38	3.32	3.26	3.20	3.14	3.08	3.02	2.96	2.90	2.84	2.78	2.72	2.66	2.60	2.54	2.48	2.42	2.36	2.30	2.24	2.18	2.12	2.06	2.00	1.94	1.88	1.82	1.76	1.70	1.64	1.58			
140	4.66	4.36	4.47	4.37	4.28	4.18	4.09	3.99	3.90	3.80	3.71	3.62	3.53	3.43	3.34	3.25	3.16	3.06	2.97	2.87	2.77	2.67	2.57	2.47	2.37	2.27	2.17	2.07	1.97	1.87	1.77	1.67	1.57	1.47	1.37	1.27	1.17	1.07	0.97	0.87	0.77	0.67				
138	4.77	4.67	4.68	4.58	4.48	4.38	4.28	4.18	4.08	3.98	3.88	3.78	3.68	3.58	3.48	3.38	3.28	3.18	3.08	2.98	2.88	2.78	2.68	2.58	2.48	2.38	2.28	2.18	2.08	1.98	1.88	1.78	1.68	1.58	1.48	1.38	1.28	1.18	1.08	0.98	0.88	0.78				
136	4.88	4.68	4.78	4.68	4.58	4.48	4.38	4.28	4.18	4.08	3.98	3.88	3.78	3.68	3.58	3.48	3.38	3.28	3.18	3.08	2.98	2.88	2.78	2.68	2.58	2.48	2.38	2.28	2.18	2.08	1.98	1.88	1.78	1.68	1.58	1.48	1.38	1.28	1.18	1.08	0.98	0.88	0.78			
134	4.88	4.88	4.78	4.68	4.58	4.48	4.38	4.28	4.18	4.08	3.98	3.88	3.78	3.68	3.58	3.48	3.38	3.28	3.18	3.08	2.98	2.88	2.78	2.68	2.58	2.48	2.38	2.28	2.18	2.08	1.98	1.88	1.78	1.68	1.58	1.48	1.38	1.28	1.18	1.08	0.98	0.88	0.78			
132	4.88	4.88	4.78	4.68	4.58	4.48	4.38	4.28	4.18	4.08	3.98	3.88	3.78	3.68	3.58	3.48	3.38	3.28	3.18	3.08	2.98	2.88	2.78	2.68	2.58	2.48	2.38	2.28	2.18	2.08	1.98	1.88	1.78	1.68	1.58	1.48	1.38	1.28	1.18	1.08	0.98	0.88	0.78			
130	5.19	5.09	4.99	4.89	4.79	4.69	4.59	4.49	4.39	4.29	4.19	4.09	3.99	3.89	3.79	3.69	3.59	3.49	3.39	3.29	3.19	3.09	2.99	2.89	2.79	2.69	2.59	2.49	2.39	2.29	2.19	2.09	1.99	1.89	1.79	1.69	1.59	1.49	1.39	1.29	1.19	1.09				
128	4.82	4.78	4.69	4.63	4.56	4.49	4.44	4.39	4.33	4.27	4.22	4.17	4.12	4.07	4.02	3.97	3.92	3.87	3.82	3.77	3.72	3.67	3.62	3.57	3.52	3.47	3.42	3.37	3.32	3.27	3.22	3.17	3.12	3.07	3.02	2.97	2.92	2.87	2.82	2.77	2.72	2.67				
126	4.82	4.78	4.69	4.63	4.56	4.49	4.44	4.39	4.33	4.27	4.22	4.17	4.12	4.07	4.02	3.97	3.92	3.87	3.82	3.77	3.72	3.67	3.62	3.57	3.52	3.47	3.42	3.37	3.32	3.27	3.22	3.17	3.12	3.07	3.02	2.97	2.92	2.87	2.82	2.77	2.72	2.67				
124	4.07	4.08	4.09	4.10	4.11	4.12	4.13	4.14	4.15	4.16	4.17	4.18	4.19	4.20	4.21	4.22	4.23	4.24	4.25	4.26	4.27	4.28	4.29	4.30	4.31	4.32	4.33	4.34	4.35	4.36																

Raw Data - ANT0 @ 2.5GHz (2/4)

[illegible]

Raw Data - ANT0 @ 2.5GHz (3/4)

Phi Angle (°)	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90
Theta Angle (°)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	
2	1.53	1.53	1.57	1.59	1.61	1.63	1.65	1.67	1.70	1.72	1.74	1.77	1.80	1.82	1.85	1.88	1.90	1.92	1.95	1.97	5.00	5.01	5.03	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	1.98	1.97	1.95	1.94
4	1.53	1.58	1.62	1.66	1.70	1.74	1.78	1.82	1.86	1.90	1.94	1.98	2.02	2.06	2.10	2.14	2.18	2.22	2.26	2.30	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.00	1.99	1.97	1.96
6	1.53	1.62	1.70	1.78	1.86	1.94	2.02	2.10	2.18	2.26	2.34	2.42	2.50	2.58	2.66	2.74	2.82	2.90	2.98	3.06	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.02	2.01	1.99	1.98
8	1.58	1.64	1.74	1.82	1.90	1.98	2.06	2.14	2.22	2.30	2.38	2.46	2.54	2.62	2.70	2.78	2.86	2.94	3.02	3.10	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.04	2.03	2.01	2.00
10	1.62	1.70	1.80	1.88	1.96	2.04	2.12	2.20	2.28	2.36	2.44	2.52	2.60	2.68	2.76	2.84	2.92	3.00	3.08	3.16	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.06	2.05	2.03	2.02
12	1.68	1.76	1.86	1.94	2.02	2.10	2.18	2.26	2.34	2.42	2.50	2.58	2.66	2.74	2.82	2.90	2.98	3.06	3.14	3.22	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.08	2.07	2.05	2.04
14	1.74	1.82	1.92	2.00	2.08	2.16	2.24	2.32	2.40	2.48	2.56	2.64	2.72	2.80	2.88	2.96	3.04	3.12	3.20	3.28	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.10	2.09	2.07	2.06
16	1.80	1.88	1.98	2.06	2.14	2.22	2.30	2.38	2.46	2.54	2.62	2.70	2.78	2.86	2.94	3.02	3.10	3.18	3.26	3.34	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.12	2.11	2.09	2.08
18	1.86	1.94	2.04	2.12	2.20	2.28	2.36	2.44	2.52	2.60	2.68	2.76	2.84	2.92	3.00	3.08	3.16	3.24	3.32	3.40	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.14	2.13	2.11	2.10
20	1.92	2.00	2.10	2.18	2.26	2.34	2.42	2.50	2.58	2.66	2.74	2.82	2.90	2.98	3.06	3.14	3.22	3.30	3.38	3.46	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.16	2.15	2.13	2.12
22	1.98	2.06	2.16	2.24	2.32	2.40	2.48	2.56	2.64	2.72	2.80	2.88	2.96	3.04	3.12	3.20	3.28	3.36	3.44	3.52	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.18	2.17	2.15	2.14
24	2.04	2.12	2.22	2.30	2.38	2.46	2.54	2.62	2.70	2.78	2.86	2.94	3.02	3.10	3.18	3.26	3.34	3.42	3.50	3.58	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.20	2.19	2.17	2.16
26	2.10	2.18	2.28	2.36	2.44	2.52	2.60	2.68	2.76	2.84	2.92	3.00	3.08	3.16	3.24	3.32	3.40	3.48	3.56	3.64	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.22	2.21	2.19	2.18
28	2.16	2.24	2.34	2.42	2.50	2.58	2.66	2.74	2.82	2.90	2.98	3.06	3.14	3.22	3.30	3.38	3.46	3.54	3.62	3.70	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.24	2.23	2.21	2.20
30	2.22	2.30	2.40	2.48	2.56	2.64	2.72	2.80	2.88	2.96	3.04	3.12	3.20	3.28	3.36	3.44	3.52	3.60	3.68	3.76	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.26	2.25	2.23	2.22
32	2.28	2.36	2.46	2.54	2.62	2.70	2.78	2.86	2.94	3.02	3.10	3.18	3.26	3.34	3.42	3.50	3.58	3.66	3.74	3.82	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.28	2.27	2.25	2.24
34	2.34	2.42	2.52	2.60	2.68	2.76	2.84	2.92	3.00	3.08	3.16	3.24	3.32	3.40	3.48	3.56	3.64	3.72	3.80	3.88	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.30	2.29	2.27	2.26
36	2.40	2.48	2.58	2.66	2.74	2.82	2.90	2.98	3.06	3.14	3.22	3.30	3.38	3.46	3.54	3.62	3.70	3.78	3.86	3.94	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.32	2.31	2.29	2.28
38	2.46	2.54	2.64	2.72	2.80	2.88	2.96	3.04	3.12	3.20	3.28	3.36	3.44	3.52	3.60	3.68	3.76	3.84	3.92	4.00	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.34	2.33	2.31	2.30
40	2.52	2.60	2.70	2.78	2.86	2.94	3.02	3.10	3.18	3.26	3.34	3.42	3.50	3.58	3.66	3.74	3.82	3.90	3.98	4.06	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.36	2.35	2.33	2.32
42	2.58	2.66	2.76	2.84	2.92	3.00	3.08	3.16	3.24	3.32	3.40	3.48	3.56	3.64	3.72	3.80	3.88	3.96	4.04	4.12	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.38	2.37	2.35	2.34
44	2.64	2.72	2.82	2.90	2.98	3.06	3.14	3.22	3.30	3.38	3.46	3.54	3.62	3.70	3.78	3.86	3.94	4.02	4.10	4.18	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.40	2.39	2.37	2.36
46	2.70	2.78	2.88	2.96	3.04	3.12	3.20	3.28	3.36	3.44	3.52	3.60	3.68	3.76	3.84	3.92	4.00	4.08	4.16	4.24	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.42	2.41	2.39	2.38
48	2.76	2.84	2.94	3.02	3.10	3.18	3.26	3.34	3.42	3.50	3.58	3.66	3.74	3.82	3.90	3.98	4.06	4.14	4.22	4.30	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.44	2.43	2.41	2.40
50	2.82	2.90	3.00	3.08	3.16	3.24	3.32	3.40	3.48	3.56	3.64	3.72	3.80	3.88	3.96	4.04	4.12	4.20	4.28	4.36	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.46	2.45	2.43	2.42
52	2.88	2.96	3.06	3.14	3.22	3.30	3.38	3.46	3.54	3.62	3.70	3.78	3.86	3.94	4.02	4.10	4.18	4.26	4.34	4.42	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.48	2.47	2.45	2.44
54	2.94	3.02	3.12	3.20	3.28	3.36	3.44	3.52	3.60	3.68	3.76	3.84	3.92	4.00	4.08	4.16	4.24	4.32	4.40	4.48	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.01	5.00	2.50	2.49	2.47	2.46
56	3.00	3.08	3.18	3.26	3.34	3.42	3.50	3.58	3.66	3.74	3.82	3.90	3.98	4.06	4.14	4.22	4.30	4.38	4.46	4.54	5.01	5.03	5.04	5.05	5.06	5.08	5.09	5.10	5.11	5.12	5.11	5.10</													

Raw Data - ANTO @ 2.5GHz (4/4)

Phi Angle [°]	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180	
Beta Angle [°]	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)		
0	25.13	4.01	4.90	4.89	4.88	4.87	4.86	4.85	4.84	4.83	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.66	4.65	4.64	4.62	4.61	4.61	4.60	4.59	4.58	4.57	4.57	4.56	4.56	4.56	4.56	4.56	4.57	4.57		
2	25.13	5.11	5.08	5.06	5.04	5.02	4.99	4.97	4.95	4.93	4.91	4.90	4.89	4.88	4.86	4.84	4.82	4.80	4.78	4.76	4.74	4.72	4.70	4.68	4.66	4.64	4.62	4.60	4.57	4.55	4.53	4.51	4.49	4.47	4.45	4.44	4.43	4.40	4.40	4.41	4.41	4.41	4.41	4.41		
4	25.14	5.30	5.27	5.23	5.19	5.16	5.13	5.07	5.04	5.01	4.99	4.96	4.94	4.91	4.88	4.85	4.82	4.79	4.76	4.72	4.69	4.66	4.63	4.60	4.57	4.53	4.50	4.47	4.43	4.40	4.38	4.35	4.32	4.29	4.28	4.27	4.26	4.25	4.24	4.24	4.25	4.25	4.26			
6	25.14	5.34	5.30	5.26	5.23	5.20	5.17	5.14	5.11	5.07	5.04	5.00	4.97	4.93	4.89	4.85	4.82	4.78	4.74	4.70	4.66	4.62	4.58	4.54	4.50	4.46	4.42	4.38	4.34	4.30	4.26	4.23	4.19	4.15	4.11	4.12	4.10	4.09	4.07	4.08	4.08	4.09	4.10	4.10		
10	25.15	5.69	5.63	5.57	5.51	5.46	5.41	5.35	5.30	5.25	5.21	5.16	5.12	5.07	5.03	4.98	4.93	4.88	4.83	4.78	4.73	4.68	4.62	4.57	4.52	4.46	4.41	4.35	4.30	4.24	4.19	4.15	4.10	4.06	4.01	3.95	3.93	3.93	3.93	3.93	3.93	3.93	3.95			
12	25.15	5.65	5.49	5.43	5.38	5.32	5.27	5.21	5.16	5.11	5.07	5.03	4.99	4.95	4.92	4.88	4.84	4.78	4.73	4.68	4.63	4.58	4.53	4.48	4.43	4.38	4.33	4.28	4.23	4.18	4.10	4.03	3.98	3.92	3.87	3.81	3.76	3.74	3.71	3.69	3.67	3.64	3.65	3.68	3.69	3.70
14	25.17	5.41	5.11	5.05	4.98	4.92	4.87	4.81	4.76	4.71	4.66	4.61	4.56	4.51	4.46	4.41	4.36	4.31	4.26	4.21	4.16	4.11	4.06	4.01	3.96	3.91	3.86	3.81	3.76	3.71	3.65	3.60	3.55	3.50	3.45	3.40	3.38	3.39	3.40	3.42	3.43	3.44	3.44			
16	25.14	5.27	5.06	4.94	4.84	4.76	4.69	4.63	4.58	4.53	4.48	4.43	4.37	4.32	4.27	4.22	4.17	4.12	4.07	4.02	3.97	3.92	3.87	3.82	3.77	3.72	3.67	3.62	3.57	3.52	3.47	3.40	3.35	3.30	3.25	3.20	3.17	3.14	3.11	3.13	3.16	3.17	3.19			
18	25.20	5.13	5.06	4.99	4.94	4.88	4.83	4.78	4.74	4.69	4.67	4.64	4.62	4.60	4.57	4.54	4.52	4.50	4.48	4.46	4.44	4.42	4.40	4.38	4.36	4.34	4.32	4.30	4.28	4.26	4.24	4.22	4.20	4.18	4.16	4.14	4.12	4.10	4.08	4.06	4.04	4.02	4.03			
20	25.08	4.69	4.52	4.45	4.38	4.32	4.27	4.21	4.16	4.11	4.06	4.01	3.96	3.91	3.86	3.81	3.76	3.71	3.66	3.61	3.56	3.51	3.46	3.41	3.36	3.31	3.26	3.21	3.16	3.10	3.04	2.99	2.94	2.89	2.84	2.79	2.72	2.68	2.65	2.61	2.58	2.56	2.53			
22	4.58	1.41	1.45	1.39	1.33	1.29	1.26	1.23	1.20	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.16	1.14	1.12	1.10	1.08	1.06	1.04	1.02	1.00	0.98	0.96	0.94	0.92	0.90	0.88	0.86	0.84	0.82	0.80	0.78	0.76	0.74	0.72	0.70	0.68	0.66	0.63		
24	4.59	3.04	2.98	3.03	3.07	3.13	3.18	3.23	3.28	3.30	3.32	3.34	3.36	3.38	3.40	3.42	3.44	3.46	3.48	3.50	3.52	3.54	3.56	3.58	3.60	3.62	3.64	3.66	3.68	3.70	3.72	3.74	3.76	3.78	3.80	3.82	3.84	3.86	3.88	3.90	3.92	3.94	3.96	3.98		
26	4.61	1.66	1.51	1.47	1.42	1.41	1.41	1.40	1.40	1.39	1.41	1.42	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43			
28	4.63	3.09	3.03	3.01	2.98	2.97	2.98	2.99	3.00	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01			
30	2.65	2.61	2.58	2.54	2.51	2.53	2.55	2.58	2.60	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.75	2.76	2.77	2.78	2.79	2.80	2.81	2.82	2.83	2.84	2.85	2.86	2.87	2.88	2.89	2.90	2.91	2.92	2.93	2.94	2.95	2.96		
32	2.67	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57			
34	2.10	2.13	2.14	2.16	2.19	2.22	2.25	2.28	2.31	2.34	2.37	2.40	2.43	2.46	2.49	2.52	2.55	2.58	2.61	2.64	2.67	2.70	2.73	2.76	2.79	2.82	2.85	2.88	2.91	2.94	2.97	3.00	3.03	3.06	3.09	3.12	3.15	3.18	3.21	3.24	3.27	3.30	3.33	3.36	3.39	
36	1.83	1.89	1.95	2.02	2.08	2.16	2.23	2.32	2.41	2.49	2.56	2.63	2.70	2.78	2.84	2.90	2.96	3.02	3.08	3.14	3.20	3.26	3.32	3.38	3.44	3.50	3.56	3.62	3.68	3.74	3.80	3.86	3.92	3.98	4.04	4.10	4.16	4.22	4.28	4.34	4.40	4.46	4.52			
38	1.56	1.65	1.75	1.84	1.93	2.04	2.14	2.24	2.35	2.45	2.55	2.65	2.75	2.85	2.95	3.05	3.15	3.25	3.35	3.45	3.55	3.65	3.75	3.85	3.95	4.05	4.15	4.25	4.35	4.45	4.55	4.65	4.75	4.85	4.95	5.05	5.15	5.25	5.35	5.45	5.55	5.65	5.75			
40	1.29	1.41	1.54	1.66	1.79	1.91	2.04	2.16	2.29	2.41	2.53	2.65	2.78	2.90	3.02	3.14	3.26	3.38	3.50	3.62	3.74	3.86	3.98	4.10	4.22	4.34	4.46	4.58	4.70	4.82	4.94	5.06	5.18	5.30	5.42	5.54	5.66	5.78	5.90	6.02	6.14	6.26	6.38			
42	2.16	3.39	3.52	3.65	3.78	3.90	4.02	4.14	4.26	4.38	4.49	4.60	4.71	4.82	4.93	5.04	5.15	5.26	5.37	5.48	5.59	5.70	5.81	5.92	6.03	6.14	6.25	6.36	6.47	6.58	6.69	6.80	6.91	7.02	7.13	7.24	7.35	7.46	7.57	7.68	7.79	7.90	8.01			
44	1.24	1.37	1.51	1.64	1.78	1.89	2.01	2.13	2.24	2.36	2.48	2.59	2.70	2.81	2.92	3.03	3.14	3.25	3.36	3.47	3.58	3.69	3.80	3.91	4.02	4.13	4.24	4.35	4.46	4.57	4.68	4.79	4.90	5.01	5.12	5.23	5.34	5.45	5.56	5.67	5.78	5.89	6.00			
46	1.21	1.35	1.49	1.63	1.77	1.88	2.00	2.11	2.22	2.33	2.42	2.50	2.58	2.67	2.75	2.83	2.91	3.00	3.08	3.17	3.25	3.34	3.43	3.51	3.59	3.68	3.76	3.84	3.93	4.01	4.10	4.18	4.26	4.35	4.43	4.52	4.60	4.69	4.77	4.86	4.95	5.03	5.12	5.21		
48	1.19	1.33	1.48	1.62	1.77	1.87	1.98	2.09	2.20	2.31	2.38	2.45	2.52	2.59	2.66	2.73	2.80	2.87	2.94	3.01	3.08	3.15	3.22	3.29	3.36	3.43	3.50	3.57	3.64	3.71	3.78	3.85	3.92	4.00	4.07	4.14	4.21	4.28	4.35	4.42	4.49	4.56	4.63			
50	1.38	1.41	1.63	1.76	1.89	1.96	2.04	2.12	2.19	2.27	2.30	2.32	2.34	2.37	2.39	2.41	2.43	2.45	2.47	2.49	2.51	2.53	2.55	2.57	2.59	2.61	2.63	2.65	2.67	2.69	2.71	2.73	2.75	2.77	2.79	2.81	2.83	2.85	2.87	2.89	2.91	2.93	2.95			
52	1.60	1.70	1.81	1.91	2.02	2.06	2.11	2.16	2.21	2.26	2.29	2.32	2.34	2.37	2.40	2.43	2.46	2.49	2.52	2.55	2.58	2.61	2.64	2.67	2.70	2.73	2.76	2.79	2.82	2.85	2.88	2.91	2.94	2.97	3.00	3.03	3.06	3.09	3.12	3.15	3.18	3.21	3.24			
54	1.34	1.39	1.56	1.68	1.80	1.86	1.91	1.96	2.00	2.04	2.08	2.12	2.16	2.20	2.24	2.28	2.32	2.36	2.40	2.44	2.48	2.52	2.56	2.60	2.64	2.68	2.72	2.76	2.80	2.84	2.88	2.92	2.96	3.00	3.04	3.08	3.12	3.16	3.20	3.24	3.28	3.32	3.36			
56	2.03	2.09	2.15	2.21	2.27	2.30	2.36	2.39	2.43	2.47	2.50	2.54	2.58	2.62	2.66	2.70	2.74	2.78	2.82	2.86	2.90	2.94	2.98	3.02	3.06	3.10	3.14	3.18	3.22	3.26	3.30	3.34	3.38	3.42	3.46	3.50	3.54	3.58	3.62	3.66	3.70	3.74	3.78			
58	2.25	2.29	2.32	2.36	2.40	2.46	2.49	2.53	2.56	2.60	2.63	2.67	2.71	2.74	2.78	2.82	2.86	2.90	2.94	2.98	3.02	3.06	3.10	3.14																						

Raw Data - ANT0 @ 5.15GHz (1/4)

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Age	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
1976	1.46	1.57	1.58	1.44	1.47	1.45	1.38	1.36	1.35	1.34	1.33	1.32	1.31	1.30	1.29	1.28	1.27	1.26	1.25	1.24	1.23	1.22	1.21	1.20	1.19	1.18	1.17	1.16	1.15	1.14	1.13	1.12	1.11	1.10	1.09	1.08	1.07	1.06	1.05	1.04	1.03	1.02	1.01	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
1978	1.46	1.57	1.58	1.44	1.47	1.45	1.38	1.36	1.35	1.34	1.33	1.32	1.31	1.30	1.29	1.28	1.27	1.26	1.25	1.24	1.23	1.22	1.21	1.20	1.19	1.18	1.17	1.16	1.15	1.14	1.13	1.12	1.11	1.10	1.09	1.08	1.07	1.06	1.05	1.04	1.03	1.02	1.01	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
1979	1.46	1.53	1.40	1.47	1.54	1.61	1.67	1.73	1.79	1.85	1.91	1.96	2.02	2.07	2.12	2.17	2.22	2.27	2.32	2.37	2.42	2.47	2.52	2.57	2.62	2.67	2.72	2.77	2.82	2.87	2.92	2.97	3.02	3.07	3.12	3.17	3.22	3.27	3.32	3.37	3.42	3.47	3.52	3.57	3.62	3.67	3.72	3.77	3.82	3.87	3.92	3.97	4.02	4.07	4.12	4.17	4.22	4.27	4.32	4.37	4.42	4.47	4.52	4.57	4.62	4.67	4.72	4.77	4.82	4.87	4.92	4.97	5.02	5.07	5.12	5.17	5.22	5.27	5.32	5.37	5.42	5.47	5.52	5.57	5.62	5.67	5.72	5.77	5.82	5.87	5.92	5.97	6.02	6.07	6.12	6.17	6.22	6.27	6.32	6.37	6.42	6.47	6.52	6.57	6.62	6.67	6.72	6.77	6.82	6.87	6.92	6.97	7.02	7.07	7.12	7.17	7.22	7.27	7.32	7.37	7.42	7.47	7.52	7.57	7.62	7.67	7.72	7.77	7.82	7.87	7.92	7.97	8.02	8.07	8.12	8.17	8.22	8.27	8.32	8.37	8.42	8.47	8.52	8.57	8.62	8.67	8.72	8.77	8.82	8.87	8.92	8.97	9.02	9.07	9.12	9.17	9.22	9.27	9.32	9.37	9.42	9.47	9.52	9.57	9.62	9.67	9.72	9.77	9.82	9.87	9.92	9.97	10.02	10.07	10.12	10.17	10.22	10.27	10.32	10.37	10.42	10.47	10.52	10.57	10.62	10.67	10.72	10.77	10.82	10.87	10.92	10.97	11.02	11.07	11.12	11.17	11.22	11.27	11.32	11.37	11.42	11.47	11.52	11.57	11.62	11.67	11.72	11.77	11.82	11.87	11.92	11.97	12.02	12.07	12.12	12.17	12.22	12.27	12.32	12.37	12.42	12.47	12.52	12.57	12.62	12.67	12.72	12.77	12.82	12.87	12.92	12.97	13.02	13.07	13.12	13.17	13.22	13.27	13.32	13.37	13.42	13.47	13.52	13.57	13.62	13.67	13.72	13.77	13.82	13.87	13.92	13.97	14.02	14.07	14.12	14.17	14.22	14.27	14.32	14.37	14.42	14.47	14.52	14.57	14.62	14.67	14.72	14.77	14.82	14.87	14.92	14.97	15.02	15.07	15.12	15.17	15.22	15.27	15.32	15.37	15.42	15.47	15.52	15.57	15.62	15.67	15.72	15.77	15.82	15.87	15.92	15.97	16.02	16.07	16.12	16.17	16.22	16.27	16.32	16.37	16.42	16.47	16.52	16.57	16.62	16.67	16.72	16.77	16.82	16.87	16.92	16.97	17.02	17.07	17.12	17.17	17.22	17.27	17.32	17.37	17.42	17.47	17.52	17.57	17.62	17.67	17.72	17.77	17.82	17.87	17.92	17.97	18.02	18.07	18.12	18.17	18.22	18.27	18.32	18.37	18.42	18.47	18.52	18.57	18.62	18.67	18.72	18.77	18.82	18.87	18.92	18.97	19.02	19.07	19.12	19.17	19.22	19.27	19.32	19.37	19.42	19.47	19.52	19.57	19.62	19.67	19.72	19.77	19.82	19.87	19.92	19.97	20.02	20.07	20.12	20.17	20.22	20.27	20.32	20.37	20.42	20.47	20.52	20.57	20.62	20.67	20.72	20.77	20.82	20.87	20.92	20.97	21.02	21.07	21.12	21.17	21.22	21.27	21.32	21.37	21.42	21.47	21.52	21.57	21.62	21.67	21.72	21.77	21.82	21.87	21.92	21.97	22.02	22.07	22.12	22.17	22.22	22.27	22.32	22.37	22.42	22.47	22.52	22.57	22.62	22.67	22.72	22.77	22.82	22.87	22.92	22.97	23.02	23.07	23.12	23.17	23.22	23.27	23.32	23.37	23.42	23.47	23.52	23.57	23.62	23.67	23.72	23.77	23.82	23.87	23.92	23.97	24.02	24.07	24.12	24.17	24.22	24.27	24.32	24.37	24.42	24.47	24.52	24.57	24.62	24.67	24.72	24.77	24.82	24.87	24.92	24.97	25.02	25.07	25.12	25.17	25.22	25.27	25.32	25.37	25.42	25.47	25.52	25.57	25.62	25.67	25.72	25.77	25.82	25.87	25.92	25.97	26.02	26.07	26.12	26.17	26.22	26.27	26.32	26.37	26.42	26.47	26.52	26.57	26.62	26.67	26.72	26.77	26.82	26.87	26.92	26.97	27.02	27.07	27.12	27.17	27.22	27.27	27.32	27.37	27.42	27.47	27.52	27.57	27.62	27.67	27.72	27.77	27.82	27.87	27.92	27.97	28.02	28.07	28.12	28.17	28.22	28.27	28.32	28.37	28.42	28.47	28.52	28.57	28.62	28.67	28.72	28.77	28.82	28.87	28.92	28.97	29.02	29.07	29.12	29.17	29.22	29.27	29.32	29.37	29.42	29.47	29.52	29.57	29.62	29.67	29.72	29.77	29.82	29.87	29.92	29.97	30.02	30.07	30.12	30.17	30.22	30.27	30.32	30.37	30.42	30.47	30.52	30.57	30.62	30.67	30.72	30.77	30.82	30.87	30.92	30.97	31.02	31.07	31.12	31.17	31.22	31.27	31.32	31.37	31.42	31.47	31.52	31.57	31.62	31.67	31.72	31.77	31.82	31.87	31.92	31.97	32.02	32.07	32.12	32.17	32.22	32.27	32.32	32.37	32.42	32.47	32.52	32.57	32.62	32.67	32.72	32.77	32.82	32.87	32.92	32.97	33.02	33.07	33.12	33.17	33.22	33.27	33.32	33.37	33.42	33.47	33.52	33.57	33.62	33.67	33.72	33.77	33.82	33.87	33.92	33.97	34.02	34.07	34.12	34.17	34.22	34.27	34.32	34.37	34.42	34.47	34.52	34.57	34.62	34.67	34.72	34.77	34.82	34.87	34.92	34.97	35.02	35.07	35.12	35.17	35.22	35.27	35.32	35.37	35.42	35.47	35.52	35.57	35.62	35.67	35.72	35.77	35.82	35.87	35.92	35.97	36.02	36.07	36.12	36.17	36.22	36.27	36.32	36.37	36.42	36.47	36.52	36.57	36.62	36.67	36.72	36.77	36.82	36.87	36.92	36.97	37.02	37.07	37.12	37.17	37.22	37.27	37.32	37.37	37.42	37.47	37.52	37.57	37.62	37.67	37.72	37.77	37.82	37.87	37.92	37.97	38.02	38.07	38.12	38.17	38.22	38.27	38.32	38.37	38.42	38.47	38.52	38.57	38.62	38.67	38.72	38.77	38.82	38.87	38.92	38.97	39.02	39.07	39.12	39.17	39.22	39.27	39.32	39.37	39.42	39.47	39.52	39.57	39.62	39.67	39.72	39.77	39.82	39.87	39.92	39.97	40.02	40.07	40.12	40.17	40.22	40.27	40.32	40.37	40.42	40.47	40.52	40.57	40.62	40.67	40.72	40.77	40.82	40.87	40.92	40.97	41.02	41.07	41.12	41.17	41.22	41.27	41.32	41.37	41.42	41.47	41.52	41.57	41.62	41.67	41.72	41.77	41.82	41.87	41.92	41.97	42.02	42.07	42.12	42.17	42.22	42.27	42.32	42.37	42.42	42.47	42.52	42.57	42.62	42.67	42.72	42.77	42.82	42.87	42.92	42.97	43.02	43.07	43.12	43.17	43.22	43.27	43.32	43.37	43.42	43.47	43.52	43.57	43.62	43.67	43.72	43.77	43.82	43.87	43.92	43.97	44.02	44.07	44.12	44.17	44.22	44.27	44.32	44.37	44.42	44.47	44.52	44.57	44.62	44.67	44.72	44.77	44.82	44.87	44.92	44.97	45.02	45.07	45.12	45.17	45.22	45.27	45.32	45.37	45.42	45.47	45.52	45.57	45.62	45.67	45.72	45.77	45.82	45.87	45.92	45.97	46.02	46.07	46.12	46.17	46.22	46.27	46.32	46.37	46.42	46.47	46.52	46.57	46.62	46.67	46.72	46.77	46.82	46.87	46.92	46.97	47.02	47.07	47.12	47.17	47.22	47.27	47.32	47.37	47.42	47.47	47.52	47.57	47.62	47.67	47.72	47.77	47.82	47.87	47.92	47.97	48.02	48.07	48.12	48.17	48.22	48.27	48.32	48.37	48.42	48.47	48.52	48.57	48.62	48.67	48.72	48.77	48.82	48.87	48.92	48.97	49.02	49.07	49.12	49.17	49.22	49.27	49.32	49.37	49.42	49.47	49.52	49.57	49.62	49.67	49.72	49.77	49.82	49.87	49.92	49.97	50.02	50.07	50.12	50.17	50.22	50.27	50.32	50.37	50.42	50.47	50.52	50.57	50.62	50.67	50.72	50.77	50.82	50.87	50.92	50.97	51.02	51.07	51.12	51.17	51.22	51.27	51.32	51.37	51.42	51.47	51.52	51.57	51.62	51.67	51.72	51.77	51.82	51.87	51.92	51.97	52.02	52.07	52.12	52.17	52.22	52.27	52.32	52.37	52.42	52.47	52.52	52.57	52.62	52.67	52.72	52.77	52.82	52.87	52.92	52.97	53.02	53.07	53.12	53.17	53.22	53.27	53.32	53.37	53.42	53.47	53.52	53.57	53.62	53.67	53.72	53.77	53.82	53.87	53.92	53.97	5

Raw Data - ANT0 @ 5.15GHz (2/4)

Phi Angle [°]	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180			
Theta Angle [°]	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180			
Response [dB]	1.81	1.83	1.85	1.87	1.89	1.92	1.95	1.97	1.99	2.00	2.03	2.05	2.07	2.11	2.14	2.22	2.26	2.30	2.34	2.38	2.42	2.47	2.53	2.58	2.63	2.68	2.73	2.78	2.83	2.88	2.93	2.98	3.03	3.08	3.13	3.18	3.23	3.28	3.33	3.38	3.43	3.48	3.53	3.58	3.63			
180	1.81	1.83	1.85	1.87	1.89	1.92	1.95	1.97	1.99	2.00	2.03	2.05	2.07	2.11	2.14	2.22	2.26	2.30	2.34	2.38	2.42	2.47	2.53	2.58	2.63	2.68	2.73	2.78	2.83	2.88	2.93	2.98	3.03	3.08	3.13	3.18	3.23	3.28	3.33	3.38	3.43	3.48	3.53	3.58	3.63			
178	5.41	5.47	5.53	5.59	5.65	5.72	5.79	5.85	5.93	5.99	6.07	6.15	6.22	6.30	6.38	6.41	6.44	6.48	6.51	6.54	6.58	6.60	6.62	6.67	6.73	6.78	6.83	6.88	6.93	6.98	7.03	7.08	7.13	7.18	7.23	7.28	7.33	7.38	7.43	7.48	7.53	7.58	7.63	7.68	7.73			
176	6.00	6.11	6.21	6.31	6.41	6.52	6.62	6.73	6.83	6.94	7.04	7.15	7.25	7.35	7.45	7.55	7.65	7.75	7.85	7.95	8.05	8.15	8.25	8.35	8.45	8.55	8.65	8.75	8.85	8.95	9.05	9.15	9.25	9.35	9.45	9.55	9.65	9.75	9.85	9.95	10.05	10.15	10.25	10.35	10.45			
174	16.60	16.74	16.89	17.04	17.18	17.33	17.48	17.63	17.77	17.92	18.06	18.21	18.35	18.50	18.64	18.79	18.93	19.07	19.21	19.35	19.49	19.63	19.77	19.91	20.05	20.19	20.33	20.47	20.61	20.75	20.89	21.03	21.17	21.31	21.45	21.59	21.73	21.87	22.01	22.15	22.29	22.43	22.57	22.71	22.85	22.99		
172	17.10	17.38	17.67	17.95	18.23	18.51	18.79	19.07	19.35	19.63	19.91	20.19	20.47	20.75	21.03	21.31	21.59	21.87	22.15	22.43	22.71	22.99	23.27	23.55	23.83	24.11	24.39	24.67	24.95	25.23	25.51	25.79	26.07	26.35	26.63	26.91	27.19	27.47	27.75	28.03	28.31	28.59	28.87	29.15	29.43	29.71		
170	27.23	28.48	29.73	31.00	32.25	33.51	34.76	36.01	37.26	38.51	39.76	41.01	42.26	43.51	44.76	46.01	47.26	48.51	49.76	51.01	52.26	53.51	54.76	56.01	57.26	58.51	59.76	61.01	62.26	63.51	64.76	66.01	67.26	68.51	69.76	71.01	72.26	73.51	74.76	76.01	77.26	78.51	79.76	81.01	82.26	83.51		
168	38.23	41.44	44.64	47.85	51.05	54.25	57.45	60.65	63.85	67.05	70.25	73.45	76.65	79.85	83.05	86.25	89.45	92.65	95.85	99.05	102.25	105.45	108.65	111.85	115.05	118.25	121.45	124.65	127.85	131.05	134.25	137.45	140.65	143.85	147.05	150.25	153.45	156.65	159.85	163.05	166.25	169.45	172.65	175.85	179.05	182.25	185.45	
166	3.68	8.86	5.03	5.21	3.39	2.36	2.72	2.88	1.05	10.21	10.36	10.51	10.66	10.81	10.95	11.10	10.88	10.81	10.88	10.81	10.72	10.72	10.68	10.65	10.61	10.57	10.54	10.51	10.48	10.45	10.42	10.39	10.32	10.25	10.18	10.11	10.04	9.98	9.91	9.84	9.77	9.70	9.63	9.56	9.49	9.42	9.35	
164	3.12	9.27	3.43	3.58	2.74	2.87	10.00	10.11	10.26	10.39	10.50	10.61	10.72	10.82	10.92	11.03	10.78	10.71	10.63	10.56	10.51	10.47	10.42	10.38	10.34	10.31	10.29	10.27	10.25	10.23	10.17	10.11	10.04	9.98	9.92	9.85	9.79	9.73	9.66	9.60	9.54	9.47	9.41	9.34	9.28	9.21		
162	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69	9.69		
160	10.00	10.11	10.21	10.32	10.42	10.49	10.55	10.62	10.68	10.75	10.77	10.80	10.82	10.85	10.87	10.74	10.62	10.49	10.37	10.24	10.15	10.10	10.06	10.02	9.99	9.93	9.83	9.73	9.63	9.53	9.43	9.33	9.23	9.13	9.03	8.93	8.83	8.73	8.63	8.53	8.43	8.33	8.23	8.13	8.03	7.93	7.83	
158	10.29	10.30	10.37	10.33	10.34	10.30	10.26	10.27	10.18	10.14	10.04	9.98	9.85	9.75	9.66	9.58	9.44	9.31	9.14	8.97	8.80	8.61	8.43	8.25	8.07	7.89	7.71	7.53	7.35	7.17	6.99	6.81	6.63	6.45	6.27	6.09	5.91	5.73	5.55	5.37	5.19	5.01	4.83	4.65	4.47	4.29	4.11	3.93
156	10.58	10.10	10.42	10.32	10.26	10.10	9.97	9.83	9.68	9.53	9.32	9.16	9.00	8.86	8.66	8.44	8.22	8.01	7.79	7.57	7.35	7.15	6.94	6.73	6.53	6.33	6.13	5.93	5.73	5.53	5.33	5.13	4.93	4.73	4.53	4.33	4.13	3.93	3.73	3.53	3.33	3.13	2.93	2.73	2.53	2.33		
154	10.86	10.90	10.83	10.36	10.19	9.93	9.68	9.43	9.18	8.93	8.69	8.26	7.91	7.57	7.23	6.96	6.70	6.44	6.17	5.91	5.78	5.63	5.53	5.40	5.27	5.28	5.22	5.20	5.21	5.22	5.23	5.24	5.25	5.26	5.27	5.28	5.29	5.30	5.31	5.32	5.33	5.34	5.35	5.36	5.37	5.38	5.39	
152	11.11	10.89	10.60	10.37	10.11	9.75	9.39	9.03	8.66	8.30	7.86	7.40	6.94	6.47	6.01	5.56	5.10	4.77	4.46	4.22	4.17	4.02	3.87	3.72	3.57	3.44	3.36	3.27	3.18	3.09	3.02	2.95	2.88	2.81	2.74	2.67	2.60	2.53	2.46	2.39	2.32	2.25	2.18	2.11	2.04	1.97		
150	11.44	11.09	10.73	10.36	9.97	9.58	9.10	8.64	8.17	7.71	7.24	6.78	6.33	5.88	5.43	4.98	4.53	4.08	3.63	3.38	3.09	2.85	2.68	2.51	2.34	2.17	2.18	2.20	2.21	2.22	2.23	2.24	2.25	2.26	2.27	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.35	2.36	2.37	2.38		
148	10.50	10.22	9.82	9.55	9.21	8.78	8.35	7.91	7.48	7.04	6.61	6.17	5.72	5.33	4.90	4.46	4.04	3.72	3.41	3.09	2.77	2.40	2.10	2.00	2.13	2.26	2.09	1.92	1.76	1.60	1.44	1.28	1.12	1.00	0.90	0.82	0.74	0.66	0.58	0.50	0.42	0.34	0.26	0.18	0.10	0.02		
146	6.68	6.36	6.04	5.72	5.40	5.09	4.79	4.49	4.28	3.99	3.71	3.41	3.12	2.84	2.56	2.28	2.00	1.72	1.45	1.18	0.92	0.66	0.40	0.29	0.21	0.13	0.05	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18			
144	8.80	8.49	8.19	7.89	7.58	7.27	6.93	6.60	6.29	5.97	5.65	5.32	5.00	4.67	4.34	4.02	3.69	3.36	3.03	2.70	2.37	2.04	1.71	1.38	1.05	0.72	0.39	0.06	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17		
142	7.92	7.63	7.34	7.05	6.77	6.42	6.08	5.73	5.39	5.05	4.74	4.24	3.84	3.43	3.03	2.63	2.23	1.83	1.43	1.03	0.63	0.23	0.03	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20				
140	7.04	6.77	6.48	6.20	5.92	5.65	5.37	5.01	4.69	4.38	4.02	3.66	3.31	2.95	2.59	2.23	1.87	1.51	1.15	0.79	0.43	0.07	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21				
138	6.57	6.31	6.05	5.79	5.53	5.27	4.94	4.63	4.36	4.05	3.73	3.40	3.07	2.74	2.41	2.07	1.74	1.41	1.08	0.76	0.44	0.12	0.00	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20				
136	1.00	5.85	6.00	5.38	5.11	4.84	4.56	4.29	4.01	3.74	3.44	3.13	2.83	2.53	2.23	1.93	1.62	1.32	1.02	0.72	0.42	0.12	0.00	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20				
134	2.16	1.04	0.71	0.49	0.27	0.04	0.80	0.57	0.33	0.10	0.26	0.06	0.36	0.11	0.86	0.19	0.73	0.16	0.69	0.13	0.53	0.18	0.22	0.07	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20			
132	4.69	3.48	2.27	1.06	0.85	0.64	0.42	0.21	2.29	2.78	2.56	2.34	2.12	1.90	1.68	1.64	1.59	1.35	1.10	0.86	0.61	0.41	0.11	0.17	0.02	0.08	0.73	0.58	0.43	0.28	0.02	0.27	0.52	0.69	0.72	0.83	0.93	0.93	0.93	0.92	0.92	0.92	0.92	0.92	0.92			
130	1.28	1.39	1.49	1.59	1.69	1.79	1.89	1.99	2.09	2.19	2.29	2.39	2.49	2.59	2.69	2.79	2.89	2.99	3.09	3.19	3.29	3.39	3.49	3.59	3.69																							

Raw Data - ANT0 @ 5.15GHz (3/4)

[illegible]

Raw Data - ANT0 @ 5.5GHz (1/4)

Phi Angle (°)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90		
Theta Angle (°)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90		
170	3.70	3.83	3.96	4.08	4.20	4.31	4.41	4.50	4.58	4.65	4.71	4.76	4.80	4.83	4.85	4.86	4.86	4.85	4.83	4.80	4.76	4.71	4.65	4.58	4.50	4.41	4.31	4.20	4.08	3.96	3.83	3.70	3.57	3.44	3.31	3.18	3.05	2.92	2.79	2.66	2.53	2.40	2.27	2.14	2.01	1.88	1.75	
178	3.68	3.81	3.94	4.06	4.17	4.27	4.36	4.44	4.51	4.57	4.62	4.66	4.69	4.71	4.72	4.72	4.71	4.69	4.66	4.62	4.57	4.51	4.44	4.36	4.27	4.17	4.06	3.94	3.81	3.68	3.55	3.42	3.29	3.16	3.03	2.90	2.77	2.64	2.51	2.38	2.25	2.12	1.99	1.86	1.73	1.60	1.47	
176	3.66	3.79	3.92	4.04	4.15	4.25	4.34	4.41	4.47	4.52	4.56	4.59	4.61	4.62	4.62	4.61	4.59	4.56	4.52	4.47	4.41	4.34	4.26	4.17	4.07	3.96	3.84	3.71	3.58	3.45	3.32	3.19	3.06	2.93	2.80	2.67	2.54	2.41	2.28	2.15	2.02	1.89	1.76	1.63	1.50	1.37	1.24	
174	3.64	3.77	3.90	4.02	4.13	4.23	4.32	4.39	4.45	4.50	4.54	4.57	4.59	4.60	4.60	4.59	4.57	4.54	4.50	4.45	4.39	4.32	4.24	4.15	4.05	3.94	3.82	3.69	3.56	3.43	3.30	3.17	3.04	2.91	2.78	2.65	2.52	2.39	2.26	2.13	2.00	1.87	1.74	1.61	1.48	1.35	1.22	
172	3.61	3.74	3.87	3.99	4.10	4.20	4.29	4.36	4.42	4.47	4.51	4.54	4.56	4.57	4.57	4.56	4.54	4.51	4.47	4.42	4.36	4.29	4.21	4.12	4.02	3.91	3.79	3.66	3.53	3.40	3.27	3.14	3.01	2.88	2.75	2.62	2.49	2.36	2.23	2.10	1.97	1.84	1.71	1.58	1.45	1.32	1.19	
170	3.59	3.72	3.85	3.97	4.07	4.17	4.26	4.33	4.39	4.44	4.48	4.51	4.53	4.54	4.54	4.53	4.51	4.48	4.44	4.39	4.33	4.26	4.18	4.09	3.99	3.88	3.76	3.63	3.50	3.37	3.24	3.11	2.98	2.85	2.72	2.59	2.46	2.33	2.20	2.07	1.94	1.81	1.68	1.55	1.42	1.29	1.16	
168	3.56	3.69	3.82	3.94	4.04	4.14	4.23	4.30	4.36	4.41	4.45	4.48	4.50	4.51	4.51	4.50	4.48	4.45	4.41	4.36	4.30	4.23	4.15	4.06	3.96	3.85	3.73	3.60	3.47	3.34	3.21	3.08	2.95	2.82	2.69	2.56	2.43	2.30	2.17	2.04	1.91	1.78	1.65	1.52	1.39	1.26	1.13	
166	3.53	3.66	3.79	3.91	4.01	4.11	4.20	4.27	4.33	4.38	4.42	4.45	4.47	4.48	4.48	4.47	4.45	4.42	4.38	4.33	4.27	4.20	4.12	4.03	3.93	3.82	3.70	3.57	3.44	3.31	3.18	3.05	2.92	2.79	2.66	2.53	2.40	2.27	2.14	2.01	1.88	1.75	1.62	1.49	1.36	1.23	1.10	0.97
164	3.50	3.63	3.76	3.88	3.98	4.08	4.17	4.25	4.32	4.37	4.41	4.44	4.46	4.47	4.47	4.46	4.44	4.41	4.37	4.32	4.26	4.19	4.11	4.02	3.92	3.81	3.69	3.56	3.43	3.30	3.17	3.04	2.91	2.78	2.65	2.52	2.39	2.26	2.13	2.00	1.87	1.74	1.61	1.48	1.35	1.22	1.09	0.96
162	3.44	3.57	3.70	3.82	3.92	4.02	4.11	4.19	4.26	4.31	4.35	4.38	4.40	4.41	4.41	4.40	4.38	4.35	4.31	4.26	4.20	4.13	4.05	3.96	3.86	3.75	3.63	3.50	3.37	3.24	3.11	2.98	2.85	2.72	2.59	2.46	2.33	2.20	2.07	1.94	1.81	1.68	1.55	1.42	1.29	1.16	1.03	
160	3.38	3.51	3.64	3.76	3.86	3.95	4.04	4.12	4.19	4.24	4.28	4.31	4.33	4.34	4.34	4.33	4.31	4.28	4.24	4.19	4.13	4.06	3.98	3.89	3.79	3.68	3.56	3.43	3.30	3.17	3.04	2.91	2.78	2.65	2.52	2.39	2.26	2.13	2.00	1.87	1.74	1.61	1.48	1.35	1.22	1.09	0.96	
158	3.38	3.46	3.54	3.62	3.70	3.78	3.85	3.91	3.96	4.00	4.03	4.05	4.07	4.08	4.08	4.07	4.05	4.02	3.98	3.93	3.87	3.80	3.72	3.63	3.53	3.42	3.30	3.17	3.04	2.91	2.78	2.65	2.52	2.39	2.26	2.13	2.00	1.87	1.74	1.61	1.48	1.35	1.22	1.09	0.96	0.83		
156	3.37	3.45	3.53	3.60	3.68	3.75	3.81	3.87	3.92	3.96	3.99	4.01	4.03	4.04	4.04	4.03	4.01	3.98	3.94	3.89	3.83	3.76	3.68	3.59	3.49	3.38	3.26	3.13	3.00	2.87	2.74	2.61	2.48	2.35	2.22	2.09	1.96	1.83	1.70	1.57	1.44	1.31	1.18	1.05	0.92	0.79		
154	3.38	3.46	3.54	3.62	3.70	3.78	3.85	3.91	3.96	4.00	4.03	4.05	4.07	4.08	4.08	4.07	4.05	4.02	3.98	3.93	3.87	3.80	3.72	3.63	3.53	3.42	3.30	3.17	3.04	2.91	2.78	2.65	2.52	2.39	2.26	2.13	2.00	1.87	1.74	1.61	1.48	1.35	1.22	1.09	0.96	0.83		
152	3.48	3.61	3.74	3.87	3.99	4.10	4.20	4.29	4.37	4.44	4.50	4.55	4.59	4.62	4.64	4.65	4.65	4.64	4.62	4.59	4.55	4.50	4.43	4.35	4.26	4.16	4.05	3.93	3.80	3.67	3.54	3.41	3.28	3.15	3.02	2.89	2.76	2.63	2.50	2.37	2.24	2.11	1.98	1.85	1.72	1.59	1.46	
150	3.48	3.61	3.74	3.87	3.99	4.10	4.20	4.29	4.37	4.44	4.50	4.55	4.59	4.62	4.64	4.65	4.65	4.64	4.62	4.59	4.55	4.50	4.43	4.35	4.26	4.16	4.05	3.93	3.80	3.67	3.54	3.41	3.28	3.15	3.02	2.89	2.76	2.63	2.50	2.37	2.24	2.11	1.98	1.85	1.72	1.59	1.46	
148	3.48	3.61	3.74	3.87	3.99	4.10	4.20	4.29	4.37	4.44	4.50	4.55	4.59	4.62	4.64	4.65	4.65	4.64	4.62	4.59	4.55	4.50	4.43	4.35	4.26	4.16	4.05	3.93	3.80	3.67	3.54	3.41	3.28	3.15	3.02	2.89	2.76	2.63	2.50	2.37	2.24	2.11	1.98	1.85	1.72	1.59	1.46	
146	3.48	3.61	3.74	3.87	3.99	4.10	4.20	4.29	4.37	4.44	4.50	4.55	4.59	4.62	4.64	4.65	4.65	4.64	4.62	4.59	4.55	4.50	4.43	4.35	4.26	4.16	4.05	3.93	3.80	3.67	3.54	3.41	3.28	3.15	3.02	2.89	2.76	2.63	2.50	2.37	2.24	2.11	1.98	1.85	1.72	1.59	1.46	
144	3.48	3.61	3.74	3.87	3.99	4.10	4.20	4.29	4.37	4.44	4.50	4.55	4.59	4.62	4.64	4.65	4.65	4.64	4.62	4.59	4.55	4.50	4.43	4.35	4.26	4.16	4.05	3.93	3.80	3.67	3.54	3.41	3.28	3.15	3.02	2.89	2.76	2.63	2.50	2.37	2.24	2.11	1.98	1.85	1.72	1.59	1.46	
142	3.48	3.61	3.74	3.87	3.99	4.10	4.20	4.29	4.37	4.44	4.50	4.55	4.59	4.62	4.64	4.65	4.65	4.64	4.62	4.59	4.55	4.50	4.43	4.35	4.26	4.16	4.05	3.93	3.80	3.67	3.54	3.41	3.28	3.15	3.02	2.89	2.76	2.63	2.50	2.37	2.24	2.11	1.98	1.85	1.72	1.59	1.46	
140	3.48	3.61	3.74	3.87	3.99	4.10	4.20	4.29	4.37	4.44	4.50	4.55	4.59	4.62	4.64	4.65	4.65	4.64	4.62	4.59	4.55	4.50	4.43	4.35	4.26	4.16	4.05	3.93	3.80	3.67	3.54	3.41	3.28	3.15	3.02	2.89	2.76	2.63	2.50	2.37	2.24	2.11	1.98	1.85	1.72	1.59	1.46	
138	3.48	3.61	3.74	3.87	3.99	4.10	4.20	4.29	4.37	4.44	4.50	4.55	4.59	4.62	4.64	4.65	4.65	4.64	4.62	4.59	4.55	4.50	4.43	4.35	4.26	4.16	4.05	3.93	3.80	3.67	3.54	3.41	3.28	3.15	3.02	2.89	2.76	2.63	2.50	2.37	2.24	2.11	1.98	1.85	1.72	1.59	1.46	
136	3.48	3.61	3.74	3.87	3.99	4.10	4.20	4.29	4.37	4.44	4.50	4.55	4.59	4.62	4.64	4.65	4.65	4.64	4.62	4.59	4.55	4.50	4.43	4.35	4.26	4.16	4.05	3.93	3.80	3.67	3.54	3.41	3.28	3.15	3.02	2.89	2.76	2.63	2.50	2.37	2.24	2.11	1.98	1.85	1.72	1.59	1.46	
134	3.48	3.61	3.74	3.87	3.99	4.10	4.20	4.29	4.37	4.44	4.50	4.55	4.59	4.62	4.64	4.65	4.65	4.64	4.62	4.59	4.55	4.50	4.43	4.35	4.26	4.16	4.05	3.93	3.80	3.67	3.54	3.41	3.28	3.15	3.02	2.89	2.76	2.63	2.50	2.37	2.24	2.11	1.98	1.85	1.72	1.59	1.46	
132	3.48	3.61	3.74	3.87	3.99	4.10	4.20	4.29	4.37	4.44	4.50	4.55	4.59	4.62	4.64	4.65	4.65	4.64	4.62	4.59	4.55	4.50	4.43	4.35	4.26	4.16	4.05	3.93	3.80	3.67	3.54	3.41	3.28	3.15	3.02	2.89	2.76	2.63	2.50	2.37	2.24	2.11	1.98	1.85	1.72	1.59	1.46	
130	3.48	3.61	3.74	3.87	3.99	4.10	4.20	4.29	4.37	4.44	4.50	4.55	4.59	4.62	4.64	4.65	4.65	4.64	4.62	4.59	4.55	4.50	4.43	4.35	4.26	4.16	4.05	3.93	3.80	3.67	3.54	3.41	3.28	3.15	3.02	2.89	2.76	2.63	2.50	2.37	2.24	2.11	1.98	1.85	1.72	1.59	1.46	
128	3.48	3.61	3.74	3.87	3.99	4.10	4.20	4.29	4.37	4.44	4.50	4.55	4.59	4.62	4.64	4.65	4.65	4.64	4.62	4.59	4.55	4.50	4.43	4.35	4.26	4.16	4.05	3.93	3.80	3.67	3.54	3.41	3.28	3.15	3.02	2.89	2.7											

Raw Data - ANT0 @ 5.5GHz (2/4)

Phi Angle (°)	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180			
Theta (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)			
180	5.14	5.18	5.21	5.25	5.28	5.31	5.35	5.38	5.42	5.45	5.48	5.52	5.55	5.59	5.60	5.61	5.60	5.58	5.57	5.56	5.57	5.59	5.60	5.59	5.58	5.57	5.56	5.57	5.59	5.60	5.59	5.58	5.57	5.56	5.55	5.54	5.53	5.52	5.51	5.50	5.49	5.48	5.47	5.46	5.45	5.44		
178	5.68	5.76	5.84	5.92	6.00	6.09	6.19	6.28	6.38	6.47	6.59	6.70	6.81	6.92	7.03	7.13	7.22	7.32	7.42	7.51	7.61	7.73	7.84	7.94	8.07	8.17	8.29	8.39	8.50	8.62	8.76	8.90	9.02	9.16	9.30	9.43	9.58	9.71	9.87	10.00	10.14	10.28	10.41	10.55	10.67	10.80		
176	5.24	5.34	5.46	5.57	5.71	5.87	6.04	6.24	6.48	6.74	7.04	7.38	7.76	8.18	8.65	9.15	9.69	10.27	10.89	11.54	12.33	13.24	14.28	15.45	16.76	18.21	19.80	21.53	23.40	25.41	27.56	29.94	32.55	35.39	38.46	41.85	45.56	49.59	53.94	58.61	63.60	68.82	74.27	79.95	85.86	91.97	98.29	
174	5.74	5.92	6.09	6.26	6.43	6.61	6.79	6.98	7.18	7.39	7.61	7.84	8.09	8.35	8.62	8.90	9.19	9.49	9.79	10.10	10.42	10.75	11.09	11.44	11.80	12.17	12.55	12.94	13.33	13.73	14.13	14.54	14.95	15.36	15.78	16.19	16.61	17.03	17.45	17.87	18.29	18.71	19.13	19.55	19.97	20.39		
172	5.28	5.47	5.71	5.93	6.14	6.42	6.70	6.99	7.27	7.55	7.84	8.13	8.42	8.71	9.00	9.29	9.58	9.87	10.16	10.45	10.74	11.03	11.32	11.61	11.90	12.19	12.48	12.77	13.06	13.35	13.64	13.93	14.22	14.51	14.80	15.09	15.38	15.67	15.96	16.25	16.54	16.83	17.12	17.41	17.70	18.00	18.29	
170	5.71	5.84	6.00	6.20	6.43	6.69	6.98	7.29	7.61	7.94	8.28	8.63	8.98	9.33	9.68	10.03	10.38	10.73	11.08	11.43	11.78	12.13	12.48	12.83	13.18	13.53	13.88	14.23	14.58	14.93	15.28	15.63	15.98	16.33	16.68	17.03	17.38	17.73	18.08	18.43	18.78	19.13	19.48	19.83	20.18			
168	5.35	5.47	5.70	5.91	6.13	6.37	6.63	6.91	7.19	7.47	7.75	8.03	8.31	8.59	8.87	9.15	9.43	9.71	9.99	10.27	10.55	10.83	11.11	11.39	11.67	11.95	12.23	12.51	12.79	13.07	13.35	13.63	13.91	14.19	14.47	14.75	15.03	15.31	15.59	15.87	16.15	16.43	16.71	16.99	17.27	17.55		
166	5.89	6.07	6.25	6.43	6.60	6.77	6.94	7.13	7.30	7.49	7.68	7.87	8.06	8.25	8.44	8.63	8.82	9.01	9.20	9.39	9.58	9.77	9.96	10.15	10.34	10.53	10.72	10.91	11.10	11.29	11.48	11.67	11.86	12.05	12.24	12.43	12.62	12.81	13.00	13.19	13.38	13.57	13.76	13.95	14.14	14.33	14.52	14.71
164	5.41	5.56	5.70	5.84	5.98	6.10	6.24	6.38	6.52	6.66	6.80	6.94	7.08	7.22	7.36	7.50	7.64	7.78	7.92	8.06	8.20	8.34	8.48	8.62	8.76	8.90	9.04	9.18	9.32	9.46	9.60	9.74	9.88	10.02	10.16	10.30	10.44	10.58	10.72	10.86	11.00	11.14	11.28	11.42	11.56	11.70	11.84	11.98
162	5.97	6.06	6.16	6.25	6.35	6.44	6.54	6.63	6.73	6.82	6.91	7.01	7.10	7.19	7.28	7.37	7.46	7.55	7.64	7.73	7.82	7.91	8.00	8.09	8.18	8.27	8.36	8.45	8.54	8.63	8.72	8.81	8.90	9.00	9.09	9.18	9.27	9.36	9.45	9.54	9.63	9.72	9.81	9.90	10.00	10.09	10.18	
160	5.50	5.56	5.61	5.67	5.72	5.77	5.82	5.87	5.92	5.97	6.02	6.07	6.12	6.17	6.22	6.27	6.32	6.37	6.42	6.47	6.52	6.57	6.62	6.67	6.72	6.77	6.82	6.87	6.92	6.97	7.02	7.07	7.12	7.17	7.22	7.27	7.32	7.37	7.42	7.47	7.52	7.57	7.62	7.67	7.72	7.77	7.82	
158	6.00	6.07	6.10	6.15	6.20	6.25	6.30	6.35	6.40	6.45	6.50	6.55	6.60	6.65	6.70	6.75	6.80	6.85	6.90	6.95	7.00	7.05	7.10	7.15	7.20	7.25	7.30	7.35	7.40	7.45	7.50	7.55	7.60	7.65	7.70	7.75	7.80	7.85	7.90	7.95	8.00	8.05	8.10	8.15	8.20	8.25		
156	5.59	5.61	5.63	5.65	5.67	5.69	5.71	5.73	5.75	5.77	5.79	5.81	5.83	5.85	5.87	5.89	5.91	5.93	5.95	5.97	5.99	6.01	6.03	6.05	6.07	6.09	6.11	6.13	6.15	6.17	6.19	6.21	6.23	6.25	6.27	6.29	6.31	6.33	6.35	6.37	6.39	6.41	6.43	6.45	6.47	6.49	6.51	6.53
154	6.03	6.10	6.17	6.24	6.31	6.38	6.45	6.52	6.59	6.66	6.73	6.80	6.87	6.94	7.01	7.08	7.15	7.22	7.29	7.36	7.43	7.50	7.57	7.64	7.71	7.78	7.85	7.92	7.99	8.06	8.13	8.20	8.27	8.34	8.41	8.48	8.55	8.62	8.69	8.76	8.83	8.90	8.97	9.04	9.11	9.18	9.25	9.32
152	5.69	5.72	5.75	5.78	5.81	5.84	5.87	5.90	5.93	5.96	5.99	6.02	6.05	6.08	6.11	6.14	6.17	6.20	6.23	6.26	6.29	6.32	6.35	6.38	6.41	6.44	6.47	6.50	6.53	6.56	6.59	6.62	6.65	6.68	6.71	6.74	6.77	6.80	6.83	6.86	6.89	6.92	6.95	6.98	7.01	7.04	7.07	
150	6.13	6.20	6.27	6.34	6.41	6.48	6.55	6.62	6.69	6.76	6.83	6.90	6.97	7.04	7.11	7.18	7.25	7.32	7.39	7.46	7.53	7.60	7.67	7.74	7.81	7.88	7.95	8.02	8.09	8.16	8.23	8.30	8.37	8.44	8.51	8.58	8.65	8.72	8.79	8.86	8.93	9.00	9.07	9.14	9.21	9.28	9.35	9.42
148	5.73	5.76	5.79	5.82	5.85	5.88	5.91	5.94	5.97	6.00	6.03	6.06	6.09	6.12	6.15	6.18	6.21	6.24	6.27	6.30	6.33	6.36	6.39	6.42	6.45	6.48	6.51	6.54	6.57	6.60	6.63	6.66	6.69	6.72	6.75	6.78	6.81	6.84	6.87	6.90	6.93	6.96	6.99	7.02	7.05	7.08	7.11	
146	6.17	6.24	6.31	6.38	6.45	6.52	6.59	6.66	6.73	6.80	6.87	6.94	7.01	7.08	7.15	7.22	7.29	7.36	7.43	7.50	7.57	7.64	7.71	7.78	7.85	7.92	7.99	8.06	8.13	8.20	8.27	8.34	8.41	8.48	8.55	8.62	8.69	8.76	8.83	8.90	8.97	9.04	9.11	9.18	9.25	9.32	9.39	9.46
144	5.77	5.80	5.83	5.86	5.89	5.92	5.95	5.98	6.01	6.04	6.07	6.10	6.13	6.16	6.19	6.22	6.25	6.28	6.31	6.34	6.37	6.40	6.43	6.46	6.49	6.52	6.55	6.58	6.61	6.64	6.67	6.70	6.73	6.76	6.79	6.82	6.85	6.88	6.91	6.94	6.97	7.00	7.03	7.06	7.09	7.12	7.15	
142	6.21	6.28	6.35	6.42	6.49	6.56	6.63	6.70	6.77	6.84	6.91	6.98	7.05	7.12	7.19	7.26	7.33	7.40	7.47	7.54	7.61	7.68	7.75	7.82	7.89	7.96	8.03	8.10	8.17	8.24	8.31	8.38	8.45	8.52	8.59	8.66	8.73	8.80	8.87	8.94	9.01	9.08	9.15	9.22	9.29	9.36	9.43	9.50
140	5.81	5.84	5.87	5.90	5.93	5.96	5.99	6.02	6.05	6.08	6.11	6.14	6.17	6.20	6.23	6.26	6.29	6.32	6.35	6.38	6.41	6.44	6.47	6.50	6.53	6.56	6.59	6.62	6.65	6.68	6.71	6.74	6.77	6.80	6.83	6.86	6.89	6.92	6.95	6.98	7.01	7.04	7.07	7.10	7.13	7.16	7.19	
138	6.25	6.32	6.39	6.46	6.53	6.60	6.67	6.74	6.81	6.88	6.95	7.02	7.09	7.16	7.23	7.30	7.37	7.44	7.51	7.58	7.65	7.72	7.79	7.86	7.93	8.00	8.07	8.14	8.21	8.28	8.35	8.42	8.49	8.56	8.63	8.70	8.77	8.84	8.91	8.98	9.05	9.12	9.19	9.26	9.33	9.40	9.47	9.54
136	5.85	5.88	5.91	5.94	5.97	6.00	6.03	6.06	6.09	6.12	6.15	6.18	6.21	6.24	6.27	6.30	6.33	6.36	6.39	6.42	6.45	6.48	6.51	6.54	6.57	6.60	6.63	6.66	6.69	6.72	6.75	6.78	6.81	6.84	6.87	6.90	6.93	6.96	6.99	7.02	7.05	7.08	7.11	7.14	7.17	7.20	7.23	
134	6.29	6.36	6.43	6.50	6.57	6.64	6.71	6.78	6.85	6.92	6.99	7.06	7.13	7.20	7.27	7.34	7.41	7.48	7.55	7.62	7.69	7.76	7.83	7.90	7.97	8.04	8.11	8.18	8.25	8.32	8.39	8.46	8.53	8.60	8.67	8.74	8.81	8.88	8.95	9.02	9.09	9.16	9.23	9.30	9.37	9.44	9.51	9.58
132	5.89	5.92	5.95	5.98	6.01	6.04	6.07	6.10	6.13	6.16	6.19	6.22	6.25	6.28	6.31	6.34	6.37	6.40	6.43	6.46	6.49	6.52	6.55	6.58	6.61	6.64	6.67	6.70	6.73	6.76	6.79	6.82	6.85	6.88	6.91	6.94	6.97	7.00	7.03	7.06	7.09	7.12	7.15	7.18	7.21	7.24	7.27	
130	6.33	6.40	6.47	6.54	6.61	6.68	6.75	6.82	6.89	6.96	7.03	7.10	7.17	7.24	7.31	7.38	7.45	7.52	7.59	7.66	7.73	7.80	7.87	7.94	8.01	8.08	8.15	8.22	8.29	8.36	8.43	8.50	8.57	8.64	8.71	8.78	8.85	8.92	8.99	9.06	9.13	9.20						

Raw Data - ANT0 @ 5.5GHz (3/4)

[illegible]

Raw Data - ANT0 @ 5.5GHz (4/4)

Phi Angle [°]	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Beta Angle [°]	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
0	-3.38	-3.37	-3.36	-3.35	-3.34	-3.34	-3.33	-3.32	-3.32	-3.31	-3.31	-3.30	-3.30	-3.29	-3.29	-3.28	-3.28	-3.27	-3.27	-3.26	-3.26	-3.25	-3.25	-3.24	-3.24	-3.23	-3.23	-3.22	-3.22	-3.22	-3.21	-3.21	-3.21	-3.20	-3.20	-3.20	-3.20	-3.20	-3.19	-3.19	-3.18	-3.18	-3.18	-3.18																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
2	-3.31	-3.29	-3.28	-3.26	-3.24	-3.23	-3.21	-3.20	-3.19	-3.17	-3.16	-3.15	-3.14	-3.13	-3.12	-3.11	-3.11	-3.10	-3.09	-3.09	-3.08	-3.07	-3.06	-3.05	-3.04	-3.03	-3.02	-3.00	-2.99	-2.98	-2.97	-2.96	-2.95	-2.95	-2.94	-2.93	-2.92	-2.92	-2.92	-2.92	-2.92	-2.92	-2.92	-2.92	-2.92	-2.92																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
4	-3.23	-3.21	-3.18	-3.15	-3.12	-3.11	-3.09	-3.07	-3.05	-3.03	-3.01	-2.98	-2.96	-2.95	-2.94	-2.92	-2.90	-2.89	-2.88	-2.87	-2.85	-2.84	-2.82	-2.80	-2.79	-2.77	-2.75	-2.73	-2.72	-2.71	-2.70	-2.69	-2.68	-2.68	-2.67	-2.66	-2.65	-2.65	-2.65	-2.65	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
6	-3.15	-3.13	-3.05	-3.01	-2.99	-2.95	-2.93	-2.88	-2.86	-2.84	-2.82	-2.79	-2.77	-2.75	-2.73	-2.72	-2.70	-2.69	-2.68	-2.67	-2.65	-2.63	-2.61	-2.59	-2.58	-2.57	-2.55	-2.53	-2.51	-2.49	-2.47	-2.46	-2.45	-2.43	-2.42	-2.41	-2.40	-2.39	-2.38	-2.38	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
10	-3.08	-3.03	-2.99	-2.94	-2.90	-2.87	-2.83	-2.80	-2.76	-2.73	-2.70	-2.68	-2.65	-2.63	-2.60	-2.58	-2.56	-2.55	-2.53	-2.51	-2.49	-2.46	-2.44	-2.41	-2.39	-2.36	-2.33	-2.30	-2.27	-2.24	-2.22	-2.21	-2.19	-2.18	-2.16	-2.15	-2.14	-2.13	-2.12	-2.11	-2.10	-2.10	-2.09	-2.09	-2.09	-2.09																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
12	-2.99	-2.93	-2.76	-2.70	-2.64	-2.59	-2.54	-2.49	-2.44	-2.39	-2.35	-2.31	-2.27	-2.23	-2.19	-2.18	-2.17	-2.15	-2.14	-2.12	-2.10	-2.08	-2.07	-2.05	-2.03	-2.00	-1.98	-1.95	-1.93	-1.90	-1.88	-1.87	-1.86	-1.85	-1.84	-1.84	-1.83	-1.82	-1.81	-1.81	-1.80	-1.80	-1.79	-1.79	-1.78	-1.78																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
14	-2.70	-2.53	-2.54	-2.46	-2.38	-2.31	-2.23	-2.18	-2.12	-2.07	-2.00	-1.95	-1.89	-1.84	-1.78	-1.72	-1.66	-1.60	-1.54	-1.49	-1.42	-1.36	-1.29	-1.23	-1.17	-1.10	-1.04	-0.98	-0.92	-0.86	-0.80	-0.74	-0.68	-0.62	-0.56	-0.50	-0.44	-0.38	-0.32	-0.26	-0.20	-0.14	-0.08	-0.02	0.04	0.10	0.16																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
16	-2.51	-2.41	-2.37	-2.32	-2.27	-2.21	-2.14	-2.06	-2.01	-1.94	-1.88	-1.81	-1.74	-1.68	-1.61	-1.55	-1.48	-1.42	-1.36	-1.30	-1.24	-1.17	-1.10	-1.04	-0.98	-0.92	-0.86	-0.80	-0.74	-0.68	-0.62	-0.56	-0.50	-0.44	-0.38	-0.32	-0.26	-0.20	-0.14	-0.08	-0.02	0.04	0.10	0.16	0.22	0.28																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
18	-2.32	-2.21	-2.09	-2.08	-2.05	-2.02	-1.97	-1.92	-1.87	-1.82	-1.77	-1.71	-1.65	-1.59	-1.52	-1.46	-1.40	-1.34	-1.28	-1.22	-1.16	-1.10	-1.04	-0.98	-0.92	-0.86	-0.80	-0.74	-0.68	-0.62	-0.56	-0.50	-0.44	-0.38	-0.32	-0.26	-0.20	-0.14	-0.08	-0.02	0.04	0.10	0.16	0.22	0.28																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
20	-2.14	-2.00	-1.87	-1.73	-1.60	-1.49	-1.37	-1.26	-1.16	-1.03	-0.94	-0.85	-0.75	-0.66	-0.57	-0.47	-0.37	-0.28	-0.18	-0.08	-0.01	-0.05	-0.09	-0.13	-0.17	-0.21	-0.25	-0.29	-0.33	-0.37	-0.41	-0.45	-0.49	-0.53	-0.57	-0.61	-0.65	-0.69	-0.73	-0.77	-0.81	-0.85	-0.89	-0.93	-0.97	-1.01																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
22	-1.84	-1.67	-1.51	-1.35	-1.19	-1.05	-0.91	-0.77	-0.64	-0.50	-0.39	-0.27	-0.16	-0.05	-0.07	-0.05	-0.04	-0.03	-0.02	-0.00	-0.01	-0.02	-0.03	-0.04	-0.06	-0.07	-0.08	-0.09	-0.11	-0.12	-0.15	-0.18	-0.21	-0.24	-0.27	-0.29	-0.30	-0.31	-0.30	-0.29	-0.28	-0.27	-0.26	-0.25	-0.24	-0.23	-0.22																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
24	-1.54	-1.35	-1.16	-0.97	-0.78	-0.61	-0.45	-0.29	-0.13	-0.03	-0.17	-0.30	-0.43	-0.57	-0.70	-0.83	-0.96	-1.03	-1.01	-0.99	-0.98	-0.96	-0.94	-0.92	-0.90	-0.88	-0.86	-0.84	-0.82	-0.80	-0.78	-0.76	-0.74	-0.72	-0.70	-0.68	-0.66	-0.64	-0.62	-0.60	-0.58	-0.56	-0.54	-0.52	-0.50	-0.48	-0.46	-0.44	-0.42																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
26	-1.24	-0.99	-0.80	-0.58	-0.36	-0.16	-0.01	-0.19	-0.38	-0.57	-0.72	-0.87	-1.03	-1.18	-1.34	-1.50	-1.67	-1.74	-1.71	-1.69	-1.68	-1.66	-1.64	-1.62	-1.60	-1.58	-1.56	-1.54	-1.52	-1.50	-1.48	-1.46	-1.44	-1.42	-1.40	-1.38	-1.36	-1.34	-1.32	-1.30	-1.28	-1.26	-1.24	-1.22	-1.20	-1.18	-1.16	-1.14	-1.12	-1.10	-1.08	-1.06	-1.04	-1.02	-1.00	-0.98	-0.96	-0.94	-0.92	-0.90	-0.88	-0.86	-0.84	-0.82	-0.80	-0.78	-0.76	-0.74	-0.72	-0.70	-0.68	-0.66	-0.64	-0.62	-0.60	-0.58	-0.56	-0.54	-0.52	-0.50	-0.48	-0.46	-0.44	-0.42	-0.40	-0.38	-0.36	-0.34	-0.32	-0.30	-0.28	-0.26	-0.24	-0.22	-0.20	-0.18	-0.16	-0.14	-0.12	-0.10	-0.08	-0.06	-0.04	-0.02	0.00	0.02	0.04	0.06	0.08	0.10	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.36	0.38	0.40	0.42	0.44	0.46	0.48	0.50	0.52	0.54	0.56	0.58	0.60	0.62	0.64	0.66	0.68	0.70	0.72	0.74	0.76	0.78	0.80	0.82	0.84	0.86	0.88	0.90	0.92	0.94	0.96	0.98	1.00	1.02	1.04	1.06	1.08	1.10	1.12	1.14	1.16	1.18	1.20	1.22	1.24	1.26	1.28	1.30	1.32	1.34	1.36	1.38	1.40	1.42	1.44	1.46	1.48	1.50	1.52	1.54	1.56	1.58	1.60	1.62	1.64	1.66	1.68	1.70	1.72	1.74	1.76	1.78	1.80	1.82	1.84	1.86	1.88	1.90	1.92	1.94	1.96	1.98	2.00	2.02	2.04	2.06	2.08	2.10	2.12	2.14	2.16	2.18	2.20	2.22	2.24	2.26	2.28	2.30	2.32	2.34	2.36	2.38	2.40	2.42	2.44	2.46	2.48	2.50	2.52	2.54	2.56	2.58	2.60	2.62	2.64	2.66	2.68	2.70	2.72	2.74	2.76	2.78	2.80	2.82	2.84	2.86	2.88	2.90	2.92	2.94	2.96	2.98	3.00	3.02	3.04	3.06	3.08	3.10	3.12	3.14	3.16	3.18	3.20	3.22	3.24	3.26	3.28	3.30	3.32	3.34	3.36	3.38	3.40	3.42	3.44	3.46	3.48	3.50	3.52	3.54	3.56	3.58	3.60	3.62	3.64	3.66	3.68	3.70	3.72	3.74	3.76	3.78	3.80	3.82	3.84	3.86	3.88	3.90	3.92	3.94	3.96	3.98	4.00	4.02	4.04	4.06	4.08	4.10	4.12	4.14	4.16	4.18	4.20	4.22	4.24	4.26	4.28	4.30	4.32	4.34	4.36	4.38	4.40	4.42	4.44	4.46	4.48	4.50	4.52	4.54	4.56	4.58	4.60	4.62	4.64	4.66	4.68	4.70	4.72	4.74	4.76	4.78	4.80	4.82	4.84	4.86	4.88	4.90	4.92	4.94	4.96	4.98	5.00	5.02	5.04	5.06	5.08	5.10	5.12	5.14	5.16	5.18	5.20	5.22	5.24	5.26	5.28	5.30	5.32	5.34	5.36	5.38	5.40	5.42	5.44	5.46	5.48	5.50	5.52	5.54	5.56	5.58	5.60	5.62	5.64	5.66	5.68	5.70	5.72	5.74	5.76	5.78	5.80	5.82	5.84	5.86	5.88	5.90	5.92	5.94	5.96	5.98	6.00	6.02	6.04	6.06	6.08	6.10	6.12	6.14	6.16	6.18	6.20	6.22	6.24	6.26	6.28	6.30	6.32	6.34	6.36	6.38	6.40	6.42	6.44	6.46	6.48	6.50	6.52	6.54	6.56	6.58	6.60	6.62	6.64	6.66	6.68	6.70	6.72	6.74	6.76	6.78	6.80	6.82	6.84	6.86	6.88	6.90	6.92	6.94	6.96	6.98	7.00	7.02	7.04	7.06	7.08	7.10	7.12	7.14	7.16	7.18	7.20	7.22	7.24	7.26	7.28	7.30	7.32	7.34	7.36	7.38	7.40	7.42	7.44	7.46	7.48	7.50	7.52	7.54	7.56	7.58	7.60	7.62	7.64	7.66	7.68	7.70	7.72	7.74	7.76	7.78	7.80	7.82	7.84	7.86	7.88	7.90	7.92	7.94	7.96	7.98	8.00	8.02	8.04	8.06	8.08	8.10	8.12	8.14	8.16	8.18	8.20	8.22	8.24	8.26	8.28	8.30	8.32	8.34	8.36	8.38	8.40	8.42	8.44	8.46	8.48	8.50	8.52	8.54	8.56	8.58	8.60	8.62	8.64	8.66	8.68	8.70	8.72	8.74	8.76	8.78	8.80	8.82	8.84	8.86	8.88	8.90	8.92	8.94	8.96	8.98	9.00	9.02	9.04	9.06	9.08	9.10	9.12	9.14	9.16	9.18	9.20	9.22	9.24	9.26	9.28	9.30	9.32	9.34	9.36	9.38	9.40	9.42	9.44	9.46	9.48	9.50	9.52	9.54	9.56	9.58	9.60	9.62	9.64	9.66	9.68	9.70	9.72	9.74	9.76	9.78	9.80	9.82	9.84	9.86	9.88	9.90	9.92	9.94	9.96	9.98	10.00	10.02	10.04	10.06	10.08	10.10	10.12	10.14	10.16	10.18	10.20	10.22	10.24	10.26	10.28	10.30	10.32	10.34	10.36	10.38	10.40	10.42	10.44	10.46	10.48	10.50	10.52	10.54	10.56	10.58	10.60	10.62	10.64	10.66	10.68	10.70	10.72	10.74	10.76	10.78	10.80	10.82	10.84	10.86	10.88	10.90	10.92	10.94	10.96	10.98	11.00	11.02	11.04	11.06	11.08	11.10	11.12	11.14	11.16	11.18	11.20	11.22	11.24	11.26	11.28	11.30	11.32	11.34	11.36	11.38	11.40	11.42	11.44	11.46	11.48	11.50	11.52	11.54	11.56	11.58	11.60	11.62	11.64	11.66	11.68	11.70	11.72	11.74	11.76	11.78	11.80	11.82

Raw Data - ANT0 @ 5.85GHz (1/4)

[illegible]

Raw Data - ANT0 @ 5.85GHz (2/4)

[illegible]

Raw Data - ANT0 @ 5.85GHz (3/4)

Phi Angle [°]	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90				
Theta Angle [°]	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)					
2	3.60	3.60	3.61	3.61	3.62	3.62	3.63	3.63	3.64	3.64	3.65	3.65	3.66	3.66	3.67	3.67	3.68	3.68	3.69	3.69	3.70	3.70	3.71	3.71	3.72	3.72	3.73	3.73	3.74	3.74	3.75	3.75	3.76	3.76	3.77	3.77	3.78	3.78	3.79	3.79	3.80	3.80	3.81	3.81	3.82	3.82			
4	3.64	3.65	3.66	3.67	3.67	3.68	3.68	3.69	3.69	3.70	3.70	3.71	3.71	3.72	3.72	3.73	3.73	3.74	3.74	3.75	3.75	3.76	3.76	3.77	3.77	3.78	3.78	3.79	3.79	3.80	3.80	3.81	3.81	3.82	3.82	3.83	3.83	3.84	3.84	3.85	3.85	3.86	3.86	3.87	3.87	3.88	3.88		
6	3.67	3.69	3.70	3.71	3.72	3.72	3.73	3.73	3.74	3.74	3.75	3.75	3.76	3.76	3.77	3.77	3.78	3.78	3.79	3.79	3.80	3.80	3.81	3.81	3.82	3.82	3.83	3.83	3.84	3.84	3.85	3.85	3.86	3.86	3.87	3.87	3.88	3.88	3.89	3.89	3.90	3.90	3.91	3.91	3.92	3.92	3.93	3.93	
8	3.71	3.73	3.75	3.77	3.79	3.81	3.83	3.84	3.85	3.86	3.87	3.88	3.89	3.90	3.92	3.93	3.95	3.97	3.98	3.99	4.00	4.01	4.02	4.03	4.04	4.05	4.06	4.07	4.08	4.09	4.10	4.11	4.12	4.13	4.14	4.15	4.16	4.17	4.18	4.19	4.20	4.21	4.22	4.23	4.24	4.25	4.26	4.27	
10	3.76	3.77	3.82	3.85	3.88	3.91	3.92	3.95	3.98	4.01	4.04	4.06	4.09	4.11	4.14	4.16	4.19	4.22	4.24	4.27	4.29	4.32	4.35	4.38	4.41	4.44	4.47	4.50	4.53	4.56	4.59	4.62	4.65	4.68	4.71	4.74	4.77	4.80	4.83	4.86	4.89	4.92	4.95	4.98	5.01	5.04	5.07	5.10	
12	3.77	3.81	3.84	3.88	3.91	3.95	3.98	4.00	4.03	4.06	4.09	4.12	4.15	4.17	4.20	4.23	4.26	4.29	4.32	4.35	4.38	4.41	4.44	4.47	4.50	4.53	4.56	4.59	4.62	4.65	4.68	4.71	4.74	4.77	4.80	4.83	4.86	4.89	4.92	4.95	4.98	5.01	5.04	5.07	5.10	5.13	5.16	5.19	
14	3.79	3.84	3.88	3.93	3.96	4.00	4.03	4.06	4.09	4.12	4.15	4.17	4.20	4.23	4.26	4.29	4.32	4.35	4.38	4.41	4.44	4.47	4.50	4.53	4.56	4.59	4.62	4.65	4.68	4.71	4.74	4.77	4.80	4.83	4.86	4.89	4.92	4.95	4.98	5.01	5.04	5.07	5.10	5.13	5.16	5.19	5.22		
16	3.84	3.88	3.93	3.98	4.02	4.06	4.09	4.13	4.17	4.20	4.23	4.26	4.29	4.32	4.35	4.38	4.41	4.44	4.47	4.50	4.53	4.56	4.59	4.62	4.65	4.68	4.71	4.74	4.77	4.80	4.83	4.86	4.89	4.92	4.95	4.98	5.01	5.04	5.07	5.10	5.13	5.16	5.19	5.22	5.25	5.28	5.31		
18	3.89	3.93	3.98	4.02	4.06	4.10	4.14	4.18	4.22	4.26	4.29	4.32	4.36	4.39	4.42	4.45	4.48	4.51	4.54	4.57	4.60	4.63	4.66	4.69	4.72	4.75	4.78	4.81	4.84	4.87	4.90	4.93	4.96	4.99	5.02	5.05	5.08	5.11	5.14	5.17	5.20	5.23	5.26	5.29	5.32	5.35	5.38		
20	3.98	3.99	4.02	4.07	4.12	4.16	4.20	4.24	4.28	4.32	4.36	4.39	4.43	4.47	4.51	4.54	4.58	4.61	4.64	4.67	4.70	4.73	4.76	4.79	4.82	4.85	4.88	4.91	4.94	4.97	5.00	5.03	5.06	5.09	5.12	5.15	5.18	5.21	5.24	5.27	5.30	5.33	5.36	5.39	5.42	5.45	5.48		
22	4.07	4.08	4.10	4.15	4.20	4.24	4.28	4.32	4.36	4.40	4.44	4.48	4.52	4.56	4.59	4.63	4.66	4.69	4.72	4.75	4.78	4.81	4.84	4.87	4.90	4.93	4.96	4.99	5.02	5.05	5.08	5.11	5.14	5.17	5.20	5.23	5.26	5.29	5.32	5.35	5.38	5.41	5.44	5.47	5.50	5.53	5.56	5.59	
24	4.15	4.16	4.18	4.23	4.28	4.32	4.36	4.40	4.44	4.48	4.52	4.56	4.59	4.63	4.66	4.69	4.72	4.75	4.78	4.81	4.84	4.87	4.90	4.93	4.96	4.99	5.02	5.05	5.08	5.11	5.14	5.17	5.20	5.23	5.26	5.29	5.32	5.35	5.38	5.41	5.44	5.47	5.50	5.53	5.56	5.59	5.62	5.65	
26	4.23	4.24	4.26	4.31	4.36	4.40	4.44	4.48	4.52	4.56	4.59	4.63	4.66	4.69	4.72	4.75	4.78	4.81	4.84	4.87	4.90	4.93	4.96	4.99	5.02	5.05	5.08	5.11	5.14	5.17	5.20	5.23	5.26	5.29	5.32	5.35	5.38	5.41	5.44	5.47	5.50	5.53	5.56	5.59	5.62	5.65	5.68	5.71	
28	4.32	4.33	4.35	4.40	4.45	4.49	4.53	4.57	4.61	4.65	4.69	4.72	4.76	4.79	4.83	4.86	4.89	4.92	4.95	4.98	5.01	5.04	5.07	5.10	5.13	5.16	5.19	5.22	5.25	5.28	5.31	5.34	5.37	5.40	5.43	5.46	5.49	5.52	5.55	5.58	5.61	5.64	5.67	5.70	5.73	5.76	5.79	5.82	
30	4.41	4.42	4.44	4.49	4.54	4.58	4.62	4.66	4.70	4.74	4.77	4.81	4.84	4.87	4.90	4.93	4.96	4.99	5.02	5.05	5.08	5.11	5.14	5.17	5.20	5.23	5.26	5.29	5.32	5.35	5.38	5.41	5.44	5.47	5.50	5.53	5.56	5.59	5.62	5.65	5.68	5.71	5.74	5.77	5.80	5.83	5.86	5.89	
32	4.50	4.51	4.53	4.58	4.63	4.67	4.71	4.75	4.79	4.83	4.86	4.90	4.93	4.96	4.99	5.02	5.05	5.08	5.11	5.14	5.17	5.20	5.23	5.26	5.29	5.32	5.35	5.38	5.41	5.44	5.47	5.50	5.53	5.56	5.59	5.62	5.65	5.68	5.71	5.74	5.77	5.80	5.83	5.86	5.89	5.92	5.95	5.98	6.01
34	4.59	4.60	4.62	4.67	4.72	4.76	4.80	4.84	4.88	4.91	4.95	4.98	5.01	5.04	5.07	5.10	5.13	5.16	5.19	5.22	5.25	5.28	5.31	5.34	5.37	5.40	5.43	5.46	5.49	5.52	5.55	5.58	5.61	5.64	5.67	5.70	5.73	5.76	5.79	5.82	5.85	5.88	5.91	5.94	5.97	6.00	6.03	6.06	
36	4.68	4.69	4.71	4.76	4.81	4.85	4.89	4.93	4.97	5.00	5.04	5.07	5.10	5.13	5.16	5.19	5.22	5.25	5.28	5.31	5.34	5.37	5.40	5.43	5.46	5.49	5.52	5.55	5.58	5.61	5.64	5.67	5.70	5.73	5.76	5.79	5.82	5.85	5.88	5.91	5.94	5.97	6.00	6.03	6.06	6.09	6.12	6.15	
38	4.77	4.78	4.80	4.85	4.90	4.94	4.98	5.02	5.06	5.09	5.13	5.16	5.19	5.22	5.25	5.28	5.31	5.34	5.37	5.40	5.43	5.46	5.49	5.52	5.55	5.58	5.61	5.64	5.67	5.70	5.73	5.76	5.79	5.82	5.85	5.88	5.91	5.94	5.97	6.00	6.03	6.06	6.09	6.12	6.15	6.18	6.21		
40	4.86	4.87	4.89	4.94	4.99	5.03	5.07	5.11	5.15	5.18	5.22	5.25	5.28	5.31	5.34	5.37	5.40	5.43	5.46	5.49	5.52	5.55	5.58	5.61	5.64	5.67	5.70	5.73	5.76	5.79	5.82	5.85	5.88	5.91	5.94	5.97	6.00	6.03	6.06	6.09	6.12	6.15	6.18	6.21	6.24	6.27	6.30	6.33	
42	4.95	4.96	4.98	5.03	5.08	5.12	5.16	5.20	5.24	5.27	5.31	5.34	5.37	5.40	5.43	5.46	5.49	5.52	5.55	5.58	5.61	5.64	5.67	5.70	5.73	5.76	5.79	5.82	5.85	5.88	5.91	5.94	5.97	6.00	6.03	6.06	6.09	6.12	6.15	6.18	6.21	6.24	6.27	6.30	6.33	6.36	6.39	6.42	
44	5.04	5.05	5.07	5.12	5.17	5.21	5.25	5.29	5.33	5.36	5.40	5.43	5.46	5.49	5.52	5.55	5.58	5.61	5.64	5.67	5.70	5.73	5.76	5.79	5.82	5.85	5.88	5.91	5.94	5.97	6.00	6.03	6.06	6.09	6.12	6.15	6.18	6.21	6.24	6.27	6.30	6.33	6.36	6.39	6.42	6.45	6.48	6.51	
46	5.13	5.14	5.16	5.21	5.26	5.30	5.34	5.38	5.42	5.45	5.49	5.52	5.55	5.58	5.61	5.64	5.67	5.70	5.73	5.76	5.79	5.82	5.85	5.88	5.91	5.94	5.97	6.00	6.03	6.06	6.09	6.12	6.15	6.18	6.21	6.24	6.27	6.30	6.33	6.36	6.39	6.42	6.45	6.48	6.51	6.54	6.57	6.60	
48	5.22	5.23	5.25	5.30	5.35	5.39	5.43	5.47	5.51	5.54	5.58	5.61	5.64	5.67	5.70	5.73	5.76	5.79	5.82	5.85	5.88	5.91	5.94	5.97	6.00	6.03	6.06	6.09	6.12	6.15	6.18	6.21	6.24	6.27	6.30	6.33	6.36	6.39	6.42	6.45	6.48	6.51	6.54	6.57	6.60	6.63	6.66	6.69	
50	5.31	5.32	5.34	5.39	5.44	5.48	5.52	5.56	5.59	5.63	5.66	5.69	5.72	5.75	5.78	5.81	5.84	5.87	5.90	5.93	5.96	5.99	6.02	6.05	6.08	6.11	6.14	6.17	6.20	6.23	6.26	6.29	6.32	6.35	6.38	6.41	6.44	6.47	6.50	6.53	6.56	6.59	6.62	6.65	6.68	6.71	6.74	6.77	
52	5.40	5.41	5.43	5.48	5.53	5.57	5.61	5.65	5.68	5.72	5.75	5.78	5.81	5.84	5.87	5.90	5.93	5.96	5.99	6.02	6.05	6.08	6.11	6.14	6.17	6.20	6.23	6.26	6.29	6.32	6.35	6.38	6.41	6.44	6.47	6.50	6.53	6.56	6.59	6.62	6.65	6.68	6.71	6.74	6.77	6.80	6.83	6.86	
54	5.49	5.50	5.52	5.57	5.62	5.66	5.70																																										

Raw Data - ANT0 @ 5.85GHz (4/4)

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1	1.84	1.89	1.94	1.99	2.04	2.09	2.10	2.10	2.11	2.11	2.11	2.12	2.12	2.13	2.13	2.14	2.14	2.15	2.15	2.16	2.16	2.17	2.17	2.18	2.18	2.19	2.19	2.20	2.20	2.21	2.21	2.22	2.22	2.23	2.23	2.24	2.24	2.25	2.25	2.26	2.26	2.27	2.27	2.28	2.28	2.29	2.29	2.30	2.30	2.31	2.31	2.32	2.32	2.33	2.33	2.34	2.34	2.35	2.35	2.36	2.36	2.37	2.37	2.38	2.38	2.39	2.39	2.40	2.40	2.41	2.41	2.42	2.42	2.43	2.43	2.44	2.44	2.45	2.45	2.46	2.46	2.47	2.47	2.48	2.48	2.49	2.49	2.50	2.50	2.51	2.51	2.52	2.52	2.53	2.53	2.54	2.54	2.55	2.55	2.56	2.56	2.57	2.57	2.58	2.58	2.59	2.59	2.60	2.60	2.61	2.61	2.62	2.62	2.63	2.63	2.64	2.64	2.65	2.65	2.66	2.66	2.67	2.67	2.68	2.68	2.69	2.69	2.70	2.70	2.71	2.71	2.72	2.72	2.73	2.73	2.74	2.74	2.75	2.75	2.76	2.76	2.77	2.77	2.78	2.78	2.79	2.79	2.80	2.80	2.81	2.81	2.82	2.82	2.83	2.83	2.84	2.84	2.85	2.85	2.86	2.86	2.87	2.87	2.88	2.88	2.89	2.89	2.90	2.90	2.91	2.91	2.92	2.92	2.93	2.93	2.94	2.94	2.95	2.95	2.96	2.96	2.97	2.97	2.98	2.98	2.99	2.99	3.00	3.00	3.01	3.01	3.02	3.02	3.03	3.03	3.04	3.04	3.05	3.05	3.06	3.06	3.07	3.07	3.08	3.08	3.09	3.09	3.10	3.10	3.11	3.11	3.12	3.12	3.13	3.13	3.14	3.14	3.15	3.15	3.16	3.16	3.17	3.17	3.18	3.18	3.19	3.19	3.20	3.20	3.21	3.21	3.22	3.22	3.23	3.23	3.24	3.24	3.25	3.25	3.26	3.26	3.27	3.27	3.28	3.28	3.29	3.29	3.30	3.30	3.31	3.31	3.32	3.32	3.33	3.33	3.34	3.34	3.35	3.35	3.36	3.36	3.37	3.37	3.38	3.38	3.39	3.39	3.40	3.40	3.41	3.41	3.42	3.42	3.43	3.43	3.44	3.44	3.45	3.45	3.46	3.46	3.47	3.47	3.48	3.48	3.49	3.49	3.50	3.50	3.51	3.51	3.52	3.52	3.53	3.53	3.54	3.54	3.55	3.55	3.56	3.56	3.57	3.57	3.58	3.58	3.59	3.59	3.60	3.60	3.61	3.61	3.62	3.62	3.63	3.63	3.64	3.64	3.65	3.65	3.66	3.66	3.67	3.67	3.68	3.68	3.69	3.69	3.70	3.70	3.71	3.71	3.72	3.72	3.73	3.73	3.74	3.74	3.75	3.75	3.76	3.76	3.77	3.77	3.78	3.78	3.79	3.79	3.80	3.80	3.81	3.81	3.82	3.82	3.83	3.83	3.84	3.84	3.85	3.85	3.86	3.86	3.87	3.87	3.88	3.88	3.89	3.89	3.90	3.90	3.91	3.91	3.92	3.92	3.93	3.93	3.94	

Raw Data - ANT0 @ 5.9GHz (2/4)

[illegible]

Raw Data - ANT0 @ 5.9GHz (3/4)

Year	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																																													
Birth	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																																													
Response	1.38	1.39	1.39	1.41	1.44	1.47	1.48	1.49	1.50	1.52	1.54	1.56	1.58	1.59	1.61	1.62	1.64	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99	2.00	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18	2.19	2.20	2.21	2.22	2.23	2.24	2.25	2.26	2.27	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.35	2.36	2.37	2.38	2.39	2.40	2.41	2.42	2.43	2.44	2.45	2.46	2.47	2.48	2.49	2.50	2.51	2.52	2.53	2.54	2.55	2.56	2.57	2.58	2.59	2.60	2.61	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.75	2.76	2.77	2.78	2.79	2.80
Response	1.38	1.39	1.39	1.41	1.44	1.47	1.48	1.49	1.50	1.52	1.54	1.56	1.58	1.59	1.61	1.62	1.64	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99	2.00	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18	2.19	2.20	2.21	2.22	2.23	2.24	2.25	2.26	2.27	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.35	2.36	2.37	2.38	2.39	2.40	2.41	2.42	2.43	2.44	2.45	2.46	2.47	2.48	2.49	2.50	2.51	2.52	2.53	2.54	2.55	2.56	2.57	2.58	2.59	2.60	2.61	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.75	2.76	2.77	2.78	2.79	2.80
Response	1.38	1.39	1.39	1.41	1.44	1.47	1.48	1.49	1.50	1.52	1.54	1.56	1.58	1.59	1.61	1.62	1.64	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99	2.00	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18	2.19	2.20	2.21	2.22	2.23	2.24	2.25	2.26	2.27	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.35	2.36	2.37	2.38	2.39	2.40	2.41	2.42	2.43	2.44	2.45	2.46	2.47	2.48	2.49	2.50	2.51	2.52	2.53	2.54	2.55	2.56	2.57	2.58	2.59	2.60	2.61	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.75	2.76	2.77	2.78	2.79	2.80
Response	1.38	1.39	1.39	1.41	1.44	1.47	1.48	1.49	1.50	1.52	1.54	1.56	1.58	1.59	1.61	1.62	1.64	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99	2.00	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18	2.19	2.20	2.21	2.22	2.23	2.24	2.25	2.26	2.27	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.35	2.36	2.37	2.38	2.39	2.40	2.41	2.42	2.43	2.44	2.45	2.46	2.47	2.48	2.49	2.50	2.51	2.52	2.53	2.54	2.55	2.56	2.57	2.58	2.59	2.60	2.61	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.75	2.76	2.77	2.78	2.79	2.80
Response	1.38	1.39	1.39	1.41	1.44	1.47	1.48	1.49	1.50	1.52	1.54	1.56	1.58	1.59	1.61	1.62	1.64	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99	2.00	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18	2.19	2.20	2.21	2.22	2.23	2.24	2.25	2.26	2.27	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.35	2.36	2.37	2.38	2.39	2.40	2.41	2.42	2.43	2.44	2.45	2.46	2.47	2.48	2.49	2.50	2.51	2.52	2.53	2.54	2.55	2.56	2.57	2.58	2.59	2.60	2.61	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.75	2.76	2.77	2.78	2.79	2.80
Response	1.38	1.39	1.39	1.41	1.44	1.47	1.48	1.49	1.50	1.52	1.54	1.56	1.58	1.59	1.61	1.62	1.64	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99	2.00	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18	2.19	2.20	2.21	2.22	2.23	2.24	2.25	2.26	2.27	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.35	2.36	2.37	2.38	2.39	2.40	2.41	2.42	2.43	2.44	2.45	2.46	2.47	2.48	2.49	2.50	2.51	2.52	2.53	2.54	2.55	2.56	2.57	2.58	2.59	2.60	2.61	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.75	2.76	2.77	2.78	2.79	2.80
Response	1.38	1.39	1.39	1.41	1.44	1.47	1.48	1.49	1.50	1.52	1.54	1.56	1.58	1.59	1.61	1.62	1.64	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99	2.00	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18	2.19	2.20	2.21	2.22	2.23	2.24	2.25	2.26	2.27	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.35	2.36	2.37	2.38	2.39	2.40	2.41	2.42	2.43	2.44	2.45	2.46	2.47	2.48	2.49	2.50	2.51	2.52	2.53	2.54	2.55	2.56	2.57	2.58	2.59	2.60	2.61	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.75	2.76	2.77	2.78	2.79	2.80
Response	1.38	1.39	1.39	1.41	1.44	1.47	1.48	1.49	1.50	1.52	1.54	1.56	1.58	1.59	1.61	1.62	1.64	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99	2.00	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18	2.19	2.20	2.21	2.22	2.23	2.24	2.25	2.26	2.27	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.35	2.36	2.37	2.38	2.39	2.40	2.41	2.42	2.43	2.44	2.45	2.46	2.47	2.48	2.49	2.50	2.51	2.52	2.53	2.54	2.55	2.56	2.57	2.58	2.59	2.60	2.61	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.75	2.76	2.77	2.78	2.79	2.80
Response	1.38	1.39	1.39	1.41	1.44	1.47	1.48	1.49	1.50	1.52	1.54	1.56	1.58	1.59	1.61	1.62	1.64	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99	2.00	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18	2.19	2.20	2.21	2.22	2.23	2.24	2.25	2.26	2.27	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.35	2.36	2.37	2.38	2.39	2.40	2.41	2.42	2.43	2.44	2.45	2.46	2.47	2.48	2.49	2.50	2.51	2.52	2.53	2.54	2.55	2.56	2.57	2.58	2.59	2.60	2.61	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.75	2.76	2.77	2.78	2.79	2.80
Response	1.38	1.39	1.39	1.41	1.44	1.47	1.48	1.49	1.50	1.52	1.54	1.56	1.58	1.59	1.61	1.62	1.64	1.64																																																																																																																				

Raw Data - ANT1 @ 2.4GHz (1/4)

Phi Angle (°)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90
Theta Angle (°)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90
170	4.96	5.23	5.59	5.99	6.46	6.92	7.39	7.87	8.35	8.83	9.31	9.79	10.27	10.75	11.23	11.71	12.19	12.67	13.15	13.63	14.11	14.59	15.07	15.55	16.03	16.51	16.99	17.47	17.95	18.43	18.91	19.39	19.87	20.35	20.83	21.31	21.79	22.27	22.75	23.23	23.71	24.19	24.67	25.15	25.63	26.11
178	4.96	5.23	5.59	5.99	6.46	6.92	7.39	7.87	8.35	8.83	9.31	9.79	10.27	10.75	11.23	11.71	12.19	12.67	13.15	13.63	14.11	14.59	15.07	15.55	16.03	16.51	16.99	17.47	17.95	18.43	18.91	19.39	19.87	20.35	20.83	21.31	21.79	22.27	22.75	23.23	23.71	24.19	24.67	25.15	25.63	26.11
176	4.85	5.18	5.51	5.84	6.20	6.59	6.97	7.35	7.73	8.11	8.49	8.87	9.25	9.63	10.01	10.39	10.77	11.15	11.53	11.91	12.29	12.67	13.05	13.43	13.81	14.19	14.57	14.95	15.33	15.71	16.09	16.47	16.85	17.23	17.61	17.99	18.37	18.75	19.13	19.51	19.89	20.27	20.65	21.03	21.41	21.79
174	4.79	5.12	5.44	5.76	6.12	6.51	6.90	7.29	7.68	8.07	8.46	8.85	9.24	9.63	10.02	10.41	10.80	11.19	11.58	11.97	12.36	12.75	13.14	13.53	13.92	14.31	14.70	15.09	15.48	15.87	16.26	16.65	17.04	17.43	17.82	18.21	18.60	18.99	19.38	19.77	20.16	20.55	20.94	21.33	21.72	
172	4.73	5.06	5.38	5.69	6.06	6.46	6.86	7.26	7.66	8.06	8.46	8.86	9.26	9.66	10.06	10.46	10.86	11.26	11.66	12.06	12.46	12.86	13.26	13.66	14.06	14.46	14.86	15.26	15.66	16.06	16.46	16.86	17.26	17.66	18.06	18.46	18.86	19.26	19.66	20.06	20.46	20.86	21.26	21.66		
170	4.68	5.06	5.24	5.51	5.79	6.07	6.32	6.58	6.84	7.10	7.36	7.62	7.88	8.14	8.40	8.66	8.92	9.18	9.44	9.70	9.96	10.22	10.48	10.74	11.00	11.26	11.52	11.78	12.04	12.30	12.56	12.82	13.08	13.34	13.60	13.86	14.12	14.38	14.64	14.90	15.16	15.42	15.68	15.94	16.20	
168	4.66	5.04	5.22	5.49	5.76	6.03	6.29	6.55	6.81	7.07	7.33	7.59	7.85	8.11	8.37	8.63	8.89	9.15	9.41	9.67	9.93	10.19	10.45	10.71	10.97	11.23	11.49	11.75	12.01	12.27	12.53	12.79	13.05	13.31	13.57	13.83	14.09	14.35	14.61	14.87	15.13	15.39	15.65	15.91	16.17	
166	4.71	5.00	5.09	5.29	5.48	5.67	5.86	6.05	6.24	6.43	6.62	6.81	7.00	7.19	7.38	7.57	7.76	7.95	8.14	8.33	8.52	8.71	8.90	9.09	9.28	9.47	9.66	9.85	10.04	10.23	10.42	10.61	10.80	10.99	11.18	11.37	11.56	11.75	11.94	12.13	12.32	12.51	12.70	12.89		
164	4.72	4.87	5.02	5.17	5.33	5.48	5.64	5.79	5.94	6.09	6.24	6.39	6.54	6.69	6.84	6.99	7.14	7.29	7.44	7.59	7.74	7.89	8.04	8.19	8.34	8.49	8.64	8.79	8.94	9.09	9.24	9.39	9.54	9.69	9.84	9.99	10.14	10.29	10.44	10.59	10.74	10.89	11.04	11.19		
162	4.74	4.81	4.88	4.95	5.02	5.09	5.16	5.23	5.30	5.37	5.44	5.51	5.58	5.65	5.72	5.79	5.86	5.93	6.00	6.07	6.14	6.21	6.28	6.35	6.42	6.49	6.56	6.63	6.70	6.77	6.84	6.91	6.98	7.05	7.12	7.19	7.26	7.33	7.40	7.47	7.54	7.61	7.68	7.75		
160	4.75	4.82	4.88	4.95	5.01	5.08	5.14	5.21	5.28	5.34	5.41	5.47	5.54	5.61	5.67	5.74	5.81	5.88	5.94	6.01	6.07	6.14	6.21	6.28	6.35	6.42	6.49	6.56	6.63	6.70	6.77	6.84	6.91	6.98	7.05	7.12	7.19	7.26	7.33	7.40	7.47	7.54	7.61	7.68		
158	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83		
156	4.81	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78	4.78		
154	4.80	4.86	4.73	4.69	4.66	4.63	4.60	4.57	4.54	4.51	4.48	4.45	4.42	4.39	4.36	4.33	4.30	4.27	4.24	4.21	4.18	4.15	4.12	4.09	4.06	4.03	4.00	3.97	3.94	3.91	3.88	3.85	3.82	3.79	3.76	3.73	3.70	3.67	3.64	3.61	3.58	3.55	3.52	3.49	3.46	
152	4.80	4.88	4.68	4.47	4.27	4.07	3.85	3.63	3.41	3.19	2.96	2.72	2.48	2.24	2.00	1.76	1.52	1.28	1.04	0.80	0.56	0.32	0.08	-0.16	-0.40	-0.64	-0.88	-1.12	-1.36	-1.60	-1.84	-2.08	-2.32	-2.56	-2.80	-3.04	-3.28	-3.52	-3.76	-4.00	-4.24	-4.48	-4.72	-4.96		
150	4.79	4.79	4.69	4.49	4.29	4.09	3.89	3.69	3.49	3.29	3.09	2.89	2.69	2.49	2.29	2.09	1.89	1.69	1.49	1.29	1.09	0.89	0.69	0.49	0.29	0.09	-0.11	-0.31	-0.51	-0.71	-0.91	-1.11	-1.31	-1.51	-1.71	-1.91	-2.11	-2.31	-2.51	-2.71	-2.91	-3.11	-3.31	-3.51		
148	4.79	4.69	4.41	4.20	3.96	3.71	3.46	3.21	2.96	2.71	2.46	2.21	1.96	1.71	1.46	1.21	0.96	0.71	0.46	0.21	-0.04	-0.29	-0.54	-0.79	-1.04	-1.29	-1.54	-1.79	-2.04	-2.29	-2.54	-2.79	-3.04	-3.29	-3.54	-3.79	-4.04	-4.29	-4.54	-4.79	-5.04	-5.29				
146	4.70	4.48	4.26	4.04	3.82	3.60	3.38	3.16	2.94	2.72	2.50	2.28	2.06	1.84	1.62	1.40	1.18	0.96	0.74	0.52	0.30	0.08	-0.14	-0.36	-0.58	-0.80	-1.02	-1.24	-1.46	-1.68	-1.90	-2.12	-2.34	-2.56	-2.78	-3.00	-3.22	-3.44	-3.66	-3.88	-4.10	-4.32	-4.54			
144	4.47	4.27	4.06	3.86	3.66	3.46	3.26	3.06	2.86	2.66	2.46	2.26	2.06	1.86	1.66	1.46	1.26	1.06	0.86	0.66	0.46	0.26	0.06	-0.14	-0.34	-0.54	-0.74	-0.94	-1.14	-1.34	-1.54	-1.74	-1.94	-2.14	-2.34	-2.54	-2.74	-2.94	-3.14	-3.34	-3.54	-3.74	-3.94			
142	4.21	4.07	3.89	3.72	3.55	3.37	3.21	3.05	2.89	2.73	2.57	2.41	2.25	2.09	1.93	1.77	1.61	1.45	1.29	1.13	0.97	0.81	0.65	0.49	0.33	0.17	0.01	-0.15	-0.31	-0.47	-0.63	-0.79	-0.95	-1.11	-1.27	-1.43	-1.59	-1.75	-1.91	-2.07	-2.23	-2.39	-2.55			
140	4.01	3.88	3.71	3.56	3.41	3.26	3.10	2.95	2.79	2.64	2.49	2.33	2.17	2.02	1.87	1.71	1.56	1.40	1.25	1.09	0.94	0.78	0.63	0.47	0.31	0.15	-0.01	-0.16	-0.32	-0.48	-0.64	-0.80	-0.96	-1.12	-1.28	-1.44	-1.60	-1.76	-1.92	-2.08	-2.24	-2.40	-2.56			
138	3.89	3.79	3.66	3.54	3.42	3.30	3.18	3.06	2.94	2.82	2.70	2.58	2.46	2.34	2.22	2.10	1.98	1.86	1.74	1.62	1.50	1.38	1.26	1.14	1.02	0.90	0.78	0.66	0.54	0.42	0.30	0.18	0.06	-0.06	-0.20	-0.34	-0.48	-0.62	-0.76	-0.90	-1.04	-1.18	-1.32			
136	3.77	3.61	3.41	3.28	3.14	3.00	2.86	2.72	2.58	2.44	2.30	2.16	2.02	1.88	1.74	1.60	1.46	1.32	1.18	1.04	0.90	0.76	0.62	0.48	0.34	0.20	0.06	-0.08	-0.24	-0.40	-0.56	-0.72	-0.88	-1.04	-1.20	-1.36	-1.52	-1.68	-1.84	-2.00	-2.16	-2.32				
134	3.66	3.48	3.31	3.14	2.96	2.79	2.62	2.45	2.28	2.11	1.94	1.77	1.60	1.43	1.26	1.09	0.92	0.75	0.58	0.41	0.24	0.07	-0.10	-0.27	-0.44	-0.61	-0.78	-0.95	-1.12	-1.29	-1.46	-1.63	-1.80	-1.97	-2.14	-2.31	-2.48	-2.65	-2.82	-2.99	-3.16	-3.33				
132	3.56	3.38	3.20	3.02	2.84	2.66	2.48	2.30	2.12	1.94	1.76	1.58	1.40	1.22	1.04	0.86	0.68	0.50	0.32	0.14	-0.04	-0.22	-0.40	-0.58	-0.76	-0.94	-1.12	-1.30	-1.48	-1.66	-1.84	-2.02	-2.20	-2.38	-2.56	-2.74	-2.92	-3.10	-3.28	-3.46	-3.64					
130	3.47	3.28	3.09	2.90	2.71	2.52	2.33	2.14	1.95	1.76	1.57	1.38	1.19	1.00	0.81	0.62	0.43	0.24	0.05	-0.14	-0.33	-0.52	-0.71	-0.90	-1.09	-1.28	-1.47	-1.66	-1.85	-2.04	-2.23	-2.42	-2.61	-2.80	-2.99	-3.18	-3.37	-3.56	-3.75	-3.94	-4.13					
128	3.42	3.19	2.96	2.73	2.51	2.28	2.06	1.84	1.62	1.40	1.18	0.96	0.74	0.52	0.30	0.08	-0.14	-0.32	-0.50	-0.68	-0.86	-1.04	-1.22	-1.40	-1.58	-1.76	-1.94	-2.12	-2.30	-2.48	-2.66	-2.84	-3.02	-3.20	-3.38	-3.56	-3.74	-3.92	-4.10	-4.28	-4.46					
126	3.36	3.11	2.89	2.66	2.44	2.22	1.99	1.77	1.55	1.33	1.11	0.89	0.67	0.45	0.23	0.01	-0.21	-0.39	-0.57	-0.75	-0.93	-1.11	-1.29	-1.47	-1.65	-1.83	-2.01	-2.19	-2.37	-2.55	-2.73	-2.91	-3.09	-3.27	-3.45	-3.63	-3.81	-3.99	-4.17	-4.35	-4.53					
124	3.32	3.07	2.77	2.47	2.17	1.87	1.57	1.27	0.97	0.67																																				

Raw Data - ANT1 @ 2.4GHz (2/4)

Phi Angle [°]	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180	
Theta Angle [°]	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180	
180	-6.07	-5.07	-5.86	-5.76	-5.65	-5.55	-5.45	-5.35	-5.25	-5.15	-5.05	-4.96	-4.87	-4.77	-4.68	-4.74	-4.80	-4.86	-4.92	-4.98	-4.99	-5.00	-5.02	-5.03	-5.04	-5.09	-4.97	-5.03	-4.90	-4.86	-4.73	-4.60	-4.46	-4.33	-4.20	-4.01	-4.21	-4.22	-4.22	-4.23	-4.38	-4.52	-4.67	-4.81	-4.96	
178	-5.79	-5.69	-5.58	-5.47	-5.37	-5.27	-5.17	-5.07	-4.97	-4.87	-4.78	-4.68	-4.59	-4.50	-4.40	-4.37	-4.54	-4.60	-4.67	-4.73	-4.75	-4.77	-4.79	-4.81	-4.83	-4.84	-4.78	-4.76	-4.73	-4.71	-4.59	-4.46	-4.34	-4.22	-4.09	-4.11	-4.13	-4.16	-4.18	-4.20	-4.26	-4.41	-4.59	-4.86	-5.02	
176	-5.53	-5.44	-5.33	-5.19	-5.09	-4.99	-4.89	-4.79	-4.69	-4.59	-4.49	-4.41	-4.31	-4.22	-4.13	-4.04	-3.94	-3.85	-3.75	-3.65	-3.54	-3.44	-3.34	-3.28	-3.27	-3.41	-3.41	-3.41	-3.40	-3.30	-3.20	-3.09	-2.98	-2.88	-2.78	-2.68	-2.58	-2.48	-2.38	-2.28	-2.13	-2.03	-1.93	-1.83	-1.73	-1.63
174	-5.23	-5.13	-5.03	-4.91	-4.80	-4.71	-4.61	-4.51	-4.41	-4.31	-4.22	-4.13	-4.04	-3.94	-3.85	-3.75	-3.65	-3.54	-3.44	-3.34	-3.28	-3.27	-3.41	-3.41	-3.41	-3.41	-3.41	-3.40	-3.30	-3.20	-3.09	-2.98	-2.88	-2.78	-2.68	-2.58	-2.48	-2.38	-2.28	-2.13	-2.03	-1.93	-1.83	-1.73	-1.63	
172	-4.95	-4.84	-4.74	-4.63	-4.52	-4.42	-4.33	-4.23	-4.13	-4.03	-3.94	-3.85	-3.76	-3.67	-3.58	-3.48	-3.38	-3.28	-3.19	-3.09	-2.99	-2.93	-2.83	-2.73	-2.63	-2.53	-2.43	-2.34	-2.24	-2.15	-2.06	-1.96	-1.86	-1.76	-1.67	-1.57	-1.47	-1.37	-1.27	-1.17	-1.07	-0.97	-0.87	-0.77		
170	-4.67	-4.56	-4.45	-4.34	-4.24	-4.14	-4.04	-3.94	-3.84	-3.74	-3.64	-3.54	-3.44	-3.34	-3.24	-3.14	-3.04	-2.94	-2.84	-2.74	-2.64	-2.54	-2.44	-2.34	-2.24	-2.14	-2.04	-1.94	-1.84	-1.74	-1.64	-1.54	-1.44	-1.34	-1.24	-1.14	-1.04	-0.94	-0.84	-0.74	-0.64	-0.54	-0.44	-0.34		
168	-4.37	-4.27	-4.16	-4.06	-3.96	-3.86	-3.76	-3.67	-3.58	-3.48	-3.39	-3.30	-3.20	-3.10	-3.00	-2.90	-2.80	-2.70	-2.60	-2.50	-2.40	-2.30	-2.20	-2.10	-2.00	-1.90	-1.80	-1.70	-1.60	-1.50	-1.40	-1.30	-1.20	-1.10	-1.00	-0.90	-0.80	-0.70	-0.60	-0.50	-0.40	-0.30	-0.20	-0.10		
166	-4.07	-3.97	-3.87	-3.76	-3.66	-3.57	-3.48	-3.39	-3.31	-3.22	-3.14	-3.07	-2.99	-2.92	-2.84	-2.74	-2.64	-2.54	-2.44	-2.34	-2.24	-2.15	-2.05	-1.95	-1.86	-1.76	-1.67	-1.57	-1.47	-1.37	-1.27	-1.17	-1.07	-0.97	-0.87	-0.77	-0.67	-0.57	-0.47	-0.37	-0.27	-0.17	-0.07			
164	-3.77	-3.67	-3.57	-3.47	-3.37	-3.29	-3.20	-3.12	-3.04	-2.95	-2.88	-2.82	-2.75	-2.68	-2.60	-2.52	-2.44	-2.36	-2.29	-2.21	-2.13	-2.05	-1.97	-1.89	-1.81	-1.73	-1.65	-1.57	-1.49	-1.41	-1.33	-1.25	-1.17	-1.09	-1.01	-0.93	-0.85	-0.77	-0.69	-0.61	-0.53	-0.45	-0.37			
162	-3.47	-3.38	-3.28	-3.18	-3.08	-3.00	-2.92	-2.84	-2.76	-2.69	-2.63	-2.57	-2.51	-2.45	-2.39	-2.33	-2.27	-2.21	-2.15	-2.09	-2.03	-1.97	-1.91	-1.85	-1.79	-1.73	-1.67	-1.61	-1.55	-1.49	-1.43	-1.37	-1.31	-1.25	-1.19	-1.13	-1.07	-1.01	-0.95	-0.89	-0.83	-0.77	-0.71			
160	-3.17	-3.08	-2.98	-2.89	-2.79	-2.72	-2.64	-2.57	-2.49	-2.42	-2.37	-2.32	-2.26	-2.21	-2.16	-2.12	-2.08	-2.03	-1.97	-1.92	-1.87	-1.83	-1.78	-1.73	-1.68	-1.63	-1.58	-1.53	-1.48	-1.43	-1.38	-1.33	-1.27	-1.21	-1.15	-1.10	-1.04	-0.99	-0.93	-0.87	-0.82	-0.76	-0.71			
158	-2.85	-2.76	-2.67	-2.58	-2.49	-2.43	-2.36	-2.30	-2.23	-2.17	-2.11	-2.06	-2.00	-1.95	-1.89	-1.84	-1.79	-1.73	-1.68	-1.63	-1.58	-1.53	-1.48	-1.43	-1.38	-1.33	-1.28	-1.23	-1.18	-1.13	-1.08	-1.03	-0.98	-0.93	-0.88	-0.83	-0.78	-0.73	-0.68	-0.63	-0.58	-0.53	-0.48			
156	-2.53	-2.44	-2.36	-2.27	-2.19	-2.14	-2.08	-2.03	-1.97	-1.92	-1.87	-1.82	-1.76	-1.71	-1.66	-1.62	-1.57	-1.52	-1.47	-1.42	-1.37	-1.32	-1.27	-1.22	-1.17	-1.12	-1.07	-1.02	-0.97	-0.92	-0.87	-0.82	-0.77	-0.72	-0.67	-0.62	-0.57	-0.52	-0.47	-0.42	-0.37	-0.32	-0.27			
154	-2.21	-2.13	-2.05	-1.97	-1.89	-1.84	-1.80	-1.75	-1.71	-1.66	-1.61	-1.56	-1.54	-1.49	-1.44	-1.42	-1.37	-1.32	-1.27	-1.22	-1.17	-1.12	-1.07	-1.02	-0.97	-0.92	-0.87	-0.82	-0.77	-0.72	-0.67	-0.62	-0.57	-0.52	-0.47	-0.42	-0.37	-0.32	-0.27	-0.22	-0.17	-0.12	-0.07			
152	-1.88	-1.81	-1.74	-1.66	-1.59	-1.53	-1.47	-1.41	-1.35	-1.31	-1.24	-1.19	-1.14	-1.09	-1.04	-1.02	-0.97	-0.92	-0.87	-0.82	-0.77	-0.72	-0.67	-0.62	-0.57	-0.52	-0.47	-0.42	-0.37	-0.32	-0.27	-0.22	-0.17	-0.12	-0.07	-0.02	-0.03	-0.04	-0.05	-0.06	-0.07	-0.08	-0.09			
150	-1.56	-1.49	-1.43	-1.36	-1.29	-1.24	-1.18	-1.13	-1.08	-1.03	-0.98	-0.93	-0.88	-0.83	-0.78	-0.73	-0.68	-0.63	-0.58	-0.53	-0.48	-0.43	-0.38	-0.33	-0.28	-0.23	-0.18	-0.13	-0.08	-0.03	-0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01		
148	-1.28	-1.31	-1.25	-1.18	-1.11	-1.09	-1.07	-1.04	-1.02	-1.00	-1.03	-1.05	-1.08	-1.11	-1.14	-1.16	-1.19	-1.22	-1.25	-1.28	-1.31	-1.34	-1.37	-1.40	-1.43	-1.46	-1.49	-1.52	-1.55	-1.58	-1.61	-1.64	-1.67	-1.70	-1.73	-1.76	-1.79	-1.82	-1.85	-1.88	-1.91	-1.94	-1.97			
146	-1.01	-1.13	-1.07	-1.00	-0.93	-0.89	-0.88	-0.86	-0.84	-0.87	-0.90	-0.93	-0.94	-0.96	-0.99	-1.01	-1.03	-1.06	-1.08	-1.11	-1.13	-1.16	-1.19	-1.22	-1.25	-1.28	-1.31	-1.34	-1.37	-1.40	-1.43	-1.46	-1.49	-1.52	-1.55	-1.58	-1.61	-1.64	-1.67	-1.70	-1.73	-1.76	-1.79	-1.82		
144	-0.97	-0.95	-0.89	-0.80	-0.73	-0.74	-0.72	-0.71	-0.69	-0.68	-0.72	-0.76	-0.80	-0.83	-0.86	-0.89	-0.92	-0.95	-0.98	-1.00	-1.03	-1.06	-1.09	-1.13	-1.16	-1.19	-1.22	-1.25	-1.28	-1.31	-1.34	-1.37	-1.40	-1.43	-1.46	-1.49	-1.52	-1.55	-1.58	-1.61	-1.64	-1.67	-1.70	-1.73		
142	-0.84	-0.77	-0.71	-0.64	-0.57	-0.56	-0.55	-0.54	-0.53	-0.52	-0.57	-0.62	-0.67	-0.72	-0.75	-0.78	-0.81	-0.84	-0.87	-0.90	-0.93	-0.96	-0.99	-1.02	-1.05	-1.08	-1.11	-1.14	-1.17	-1.20	-1.23	-1.26	-1.29	-1.32	-1.35	-1.38	-1.41	-1.44	-1.47	-1.50	-1.53	-1.56	-1.59	-1.62		
140	-0.66	-0.59	-0.53	-0.46	-0.39	-0.38	-0.37	-0.36	-0.37	-0.38	-0.42	-0.47	-0.51	-0.56	-0.61	-0.64	-0.67	-0.70	-0.73	-0.76	-0.79	-0.82	-0.85	-0.88	-0.91	-0.94	-0.97	-1.00	-1.03	-1.06	-1.09	-1.12	-1.15	-1.18	-1.21	-1.24	-1.27	-1.30	-1.33	-1.36	-1.39	-1.42	-1.45			
138	-0.57	-0.51	-0.45	-0.38	-0.32	-0.30	-0.29	-0.29	-0.30	-0.32	-0.36	-0.40	-0.44	-0.48	-0.52	-0.55	-0.58	-0.61	-0.64	-0.67	-0.70	-0.73	-0.76	-0.79	-0.82	-0.85	-0.88	-0.91	-0.94	-0.97	-1.00	-1.03	-1.06	-1.09	-1.12	-1.15	-1.18	-1.21	-1.24	-1.27	-1.30	-1.33	-1.36	-1.39		
136	-0.48	-0.42	-0.37	-0.31	-0.25	-0.26	-0.27	-0.28	-0.28	-0.29	-0.37	-0.41	-0.47	-0.52	-0.56	-0.60	-0.63	-0.67	-0.70	-0.73	-0.76	-0.79	-0.82	-0.85	-0.88	-0.91	-0.94	-0.97	-1.00	-1.03	-1.06	-1.09	-1.12	-1.15	-1.18	-1.21	-1.24	-1.27	-1.30	-1.33	-1.36	-1.39	-1.42			
134	-0.38	-0.32	-0.26	-0.20	-0.15	-0.17	-0.18	-0.18	-0.20	-0.21	-0.30	-0.34	-0.39	-0.44	-0.48	-0.52	-0.55	-0.58	-0.61	-0.64	-0.67	-0.70	-0.73	-0.76	-0.79	-0.82	-0.85	-0.88	-0.91	-0.94	-0.97	-1.00	-1.03	-1.06	-1.09	-1.12	-1.15	-1.18	-1.21	-1.24	-1.27	-1.30	-1.33			
132	-0.20	-0.15	-0.12	-0.08	-0.04	-0.07	-0.10	-0.12	-0.13	-0.15	-0.20	-0.24	-0.29	-0.34	-0.39	-0.44	-0.48	-0.52	-0.55	-0.58	-0.61	-0.64	-0.67	-0.70	-0.73	-0.76	-0.79	-0.82	-0.85	-0.88	-0.91	-0.94	-0.97	-1.00	-1.03	-1.06	-1.09	-1.12	-1.15	-1.18	-1.21	-1.24	-1.27			
130	-0.21	-0.16	-0.12	-0.08	-0.04	-0.07	-0.10	-0.12	-0.13	-0.15	-0.20	-0.24	-0.29	-0.34	-0.39	-0.44	-0.48	-0.52	-0.55	-0.58	-0.61	-0.64	-0.67	-0.70	-0.73	-0.76	-0.79	-0.82	-0.85	-0.88	-0.91	-0.94	-0.97	-1.00	-1.03	-1.06	-1.09	-1.12	-1.15	-1.18	-1.21	-1.24	-1.27			
128	-0.21	-0.16	-0.12	-0.08	-0.04	-0.07	-0.10	-0.12	-0.13	-0.15	-0.20	-0.24	-0.29	-0.34	-0.39	-0.44	-0.48	-0.52	-0.55	-0.58	-0.61	-0.64	-0.67	-0.70	-0.73	-0.76	-0.79	-0.82	-0.85	-0.88	-0.91	-0.94	-0.97	-1.00	-1.03	-1.06	-1.09	-1.12	-1.15	-1.18	-1.21	-1.24	-1.27			
126	-0.21	-0.16	-0.12	-0.08	-0.04	-0.07	-0.10	-0.12	-0.13	-0.15	-0.20	-0.24	-0.29	-0.34	-0.39	-0.44	-0.48	-0.52	-0.55	-0.58	-0.61	-0.64	-0.67	-0.70	-0.73	-0.76	-0.79	-0.82	-0.85	-0.88	-0.91	-0.94	-0.97	-1.00	-1.03	-1.06	-1.09	-1.12	-1.15	-1.18	-1.21	-1.24	-1.27			
124	-0.21	-0.16	-0.12	-0.08	-0.04	-0.07	-0.10	-0.12	-0.13	-0.15	-0.20	-0.24	-0.29	-0.34	-0.39	-0.44	-0.48	-0.52	-0.55	-0.58	-0.61	-0.64	-0.67	-0.70	-0.73	-0.																				

Raw Data - ANT1 @ 2.4GHz (3/4)

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90																																																																																																																		
Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90																																																																																																																		
1	4.57	4.57	4.58	4.58	4.59	4.59	4.60	4.61	4.61	4.62	4.63	4.64	4.65	4.66	4.67	4.68	4.69	4.71	4.72	4.73	4.74	4.75	4.76	4.76	4.77	4.77	4.78	4.79	4.80	4.81	4.82	4.83	4.84	4.85	4.86	4.87	4.88	4.89	4.90	4.91	4.92	4.93	4.94	4.95	4.96	4.97	4.98	4.99	5.00	5.01	5.02	5.03	5.04	5.05	5.06	5.07	5.08	5.09	5.10	5.11	5.12	5.13	5.14	5.15	5.16	5.17	5.18	5.19	5.20	5.21	5.22	5.23	5.24	5.25	5.26	5.27	5.28	5.29	5.30	5.31	5.32	5.33	5.34	5.35	5.36	5.37	5.38	5.39	5.40	5.41	5.42	5.43	5.44	5.45	5.46	5.47	5.48	5.49	5.50	5.51	5.52	5.53	5.54	5.55	5.56	5.57	5.58	5.59	5.60	5.61	5.62	5.63	5.64	5.65	5.66	5.67	5.68	5.69	5.70	5.71	5.72	5.73	5.74	5.75	5.76	5.77	5.78	5.79	5.80	5.81	5.82	5.83	5.84	5.85	5.86	5.87	5.88	5.89	5.90	5.91	5.92	5.93	5.94	5.95	5.96	5.97	5.98	5.99	6.00																																																							
2	4.45	4.46	4.47	4.48	4.49	4.50	4.51	4.52	4.53	4.54	4.55	4.56	4.57	4.58	4.59	4.60	4.61	4.62	4.63	4.64	4.65	4.66	4.67	4.68	4.69	4.70	4.71	4.72	4.73	4.74	4.75	4.76	4.77	4.78	4.79	4.80	4.81	4.82	4.83	4.84	4.85	4.86	4.87	4.88	4.89	4.90	4.91	4.92	4.93	4.94	4.95	4.96	4.97	4.98	4.99	5.00	5.01	5.02	5.03	5.04	5.05	5.06	5.07	5.08	5.09	5.10	5.11	5.12	5.13	5.14	5.15	5.16	5.17	5.18	5.19	5.20	5.21	5.22	5.23	5.24	5.25	5.26	5.27	5.28	5.29	5.30	5.31	5.32	5.33	5.34	5.35	5.36	5.37	5.38	5.39	5.40	5.41	5.42	5.43	5.44	5.45	5.46	5.47	5.48	5.49	5.50	5.51	5.52	5.53	5.54	5.55	5.56	5.57	5.58	5.59	5.60	5.61	5.62	5.63	5.64	5.65	5.66	5.67	5.68	5.69	5.70	5.71	5.72	5.73	5.74	5.75	5.76	5.77	5.78	5.79	5.80	5.81	5.82	5.83	5.84	5.85	5.86	5.87	5.88	5.89	5.90	5.91	5.92	5.93	5.94	5.95	5.96	5.97	5.98	5.99	6.00																																																
3	4.33	4.34	4.36	4.37	4.38	4.39	4.40	4.41	4.42	4.43	4.44	4.45	4.46	4.47	4.48	4.49	4.50	4.51	4.52	4.53	4.54	4.55	4.56	4.57	4.58	4.59	4.60	4.61	4.62	4.63	4.64	4.65	4.66	4.67	4.68	4.69	4.70	4.71	4.72	4.73	4.74	4.75	4.76	4.77	4.78	4.79	4.80	4.81	4.82	4.83	4.84	4.85	4.86	4.87	4.88	4.89	4.90	4.91	4.92	4.93	4.94	4.95	4.96	4.97	4.98	4.99	5.00	5.01	5.02	5.03	5.04	5.05	5.06	5.07	5.08	5.09	5.10	5.11	5.12	5.13	5.14	5.15	5.16	5.17	5.18	5.19	5.20	5.21	5.22	5.23	5.24	5.25	5.26	5.27	5.28	5.29	5.30	5.31	5.32	5.33	5.34	5.35	5.36	5.37	5.38	5.39	5.40	5.41	5.42	5.43	5.44	5.45	5.46	5.47	5.48	5.49	5.50	5.51	5.52	5.53	5.54	5.55	5.56	5.57	5.58	5.59	5.60	5.61	5.62	5.63	5.64	5.65	5.66	5.67	5.68	5.69	5.70	5.71	5.72	5.73	5.74	5.75	5.76	5.77	5.78	5.79	5.80	5.81	5.82	5.83	5.84	5.85	5.86	5.87	5.88	5.89	5.90	5.91	5.92	5.93	5.94	5.95	5.96	5.97	5.98	5.99	6.00																																					
4	4.21	4.22	4.23	4.24	4.25	4.26	4.27	4.28	4.29	4.30	4.31	4.32	4.33	4.34	4.35	4.36	4.37	4.38	4.39	4.40	4.41	4.42	4.43	4.44	4.45	4.46	4.47	4.48	4.49	4.50	4.51	4.52	4.53	4.54	4.55	4.56	4.57	4.58	4.59	4.60	4.61	4.62	4.63	4.64	4.65	4.66	4.67	4.68	4.69	4.70	4.71	4.72	4.73	4.74	4.75	4.76	4.77	4.78	4.79	4.80	4.81	4.82	4.83	4.84	4.85	4.86	4.87	4.88	4.89	4.90	4.91	4.92	4.93	4.94	4.95	4.96	4.97	4.98	4.99	5.00	5.01	5.02	5.03	5.04	5.05	5.06	5.07	5.08	5.09	5.10	5.11	5.12	5.13	5.14	5.15	5.16	5.17	5.18	5.19	5.20	5.21	5.22	5.23	5.24	5.25	5.26	5.27	5.28	5.29	5.30	5.31	5.32	5.33	5.34	5.35	5.36	5.37	5.38	5.39	5.40	5.41	5.42	5.43	5.44	5.45	5.46	5.47	5.48	5.49	5.50	5.51	5.52	5.53	5.54	5.55	5.56	5.57	5.58	5.59	5.60	5.61	5.62	5.63	5.64	5.65	5.66	5.67	5.68	5.69	5.70	5.71	5.72	5.73	5.74	5.75	5.76	5.77	5.78	5.79	5.80	5.81	5.82	5.83	5.84	5.85	5.86	5.87	5.88	5.89	5.90	5.91	5.92	5.93	5.94	5.95	5.96	5.97	5.98	5.99	6.00																								
5	4.09	4.10	4.11	4.12	4.13	4.14	4.15	4.16	4.17	4.18	4.19	4.20	4.21	4.22	4.23	4.24	4.25	4.26	4.27	4.28	4.29	4.30	4.31	4.32	4.33	4.34	4.35	4.36	4.37	4.38	4.39	4.40	4.41	4.42	4.43	4.44	4.45	4.46	4.47	4.48	4.49	4.50	4.51	4.52	4.53	4.54	4.55	4.56	4.57	4.58	4.59	4.60	4.61	4.62	4.63	4.64	4.65	4.66	4.67	4.68	4.69	4.70	4.71	4.72	4.73	4.74	4.75	4.76	4.77	4.78	4.79	4.80	4.81	4.82	4.83	4.84	4.85	4.86	4.87	4.88	4.89	4.90	4.91	4.92	4.93	4.94	4.95	4.96	4.97	4.98	4.99	5.00	5.01	5.02	5.03	5.04	5.05	5.06	5.07	5.08	5.09	5.10	5.11	5.12	5.13	5.14	5.15	5.16	5.17	5.18	5.19	5.20	5.21	5.22	5.23	5.24	5.25	5.26	5.27	5.28	5.29	5.30	5.31	5.32	5.33	5.34	5.35	5.36	5.37	5.38	5.39	5.40	5.41	5.42	5.43	5.44	5.45	5.46	5.47	5.48	5.49	5.50	5.51	5.52	5.53	5.54	5.55	5.56	5.57	5.58	5.59	5.60	5.61	5.62	5.63	5.64	5.65	5.66	5.67	5.68	5.69	5.70	5.71	5.72	5.73	5.74	5.75	5.76	5.77	5.78	5.79	5.80	5.81	5.82	5.83	5.84	5.85	5.86	5.87	5.88	5.89	5.90	5.91	5.92	5.93	5.94	5.95	5.96	5.97	5.98	5.99	6.00												
6	3.97	3.98	3.99	4.00	4.01	4.02	4.03	4.04	4.05	4.06	4.07	4.08	4.09	4.10	4.11	4.12	4.13	4.14	4.15	4.16	4.17	4.18	4.19	4.20	4.21	4.22	4.23	4.24	4.25	4.26	4.27	4.28	4.29	4.30	4.31	4.32	4.33	4.34	4.35	4.36	4.37	4.38	4.39	4.40	4.41	4.42	4.43	4.44	4.45	4.46	4.47	4.48	4.49	4.50	4.51	4.52	4.53	4.54	4.55	4.56	4.57	4.58	4.59	4.60	4.61	4.62	4.63	4.64	4.65	4.66	4.67	4.68	4.69	4.70	4.71	4.72	4.73	4.74	4.75	4.76	4.77	4.78	4.79	4.80	4.81	4.82	4.83	4.84	4.85	4.86	4.87	4.88	4.89	4.90	4.91	4.92	4.93	4.94	4.95	4.96	4.97	4.98	4.99	5.00	5.01	5.02	5.03	5.04	5.05	5.06	5.07	5.08	5.09	5.10	5.11	5.12	5.13	5.14	5.15	5.16	5.17	5.18	5.19	5.20	5.21	5.22	5.23	5.24	5.25	5.26	5.27	5.28	5.29	5.30	5.31	5.32	5.33	5.34	5.35	5.36	5.37	5.38	5.39	5.40	5.41	5.42	5.43	5.44	5.45	5.46	5.47	5.48	5.49	5.50	5.51	5.52	5.53	5.54	5.55	5.56	5.57	5.58	5.59	5.60	5.61	5.62	5.63	5.64	5.65	5.66	5.67	5.68	5.69	5.70	5.71	5.72	5.73	5.74	5.75	5.76	5.77	5.78	5.79	5.80	5.81	5.82	5.83	5.84	5.85	5.86	5.87	5.88	5.89	5.90	5.91	5.92	5.93	5.94	5.95	5.96	5.97	5.98	5.99	6.00
7	3.85	3.86	3.87	3.88	3.89	3.90	3.91	3.92	3.93	3.94	3.95	3.96	3.97	3.98	3.99	4.00	4.01	4.02	4.03	4.04	4.05	4.06	4.07	4.08	4.09	4.10	4.11	4.12	4.13	4.14	4.15	4.16	4.17	4.18	4.19	4.20	4.21	4.22	4.23	4.24	4.25	4.26	4.27	4.28	4.29	4.30	4.31	4.32	4.33	4.34	4.35	4.36	4.37	4.38	4.39	4.40	4.41	4.42	4.43	4.44	4.45	4.46	4.47	4.48	4.49	4.50	4.51	4.52	4.53	4.54	4.55	4.56	4.57	4.58	4.59	4.60	4.61	4.62	4.63	4.64	4.65	4.66	4.67	4.68	4.69	4.70	4.71	4.72	4.73	4.74	4.75	4.76	4.77	4.78	4.79	4.80	4.81	4.82	4.83	4.84	4.85	4.86	4.87	4.88	4.89	4.90	4.91	4.92	4.93	4.94	4.95	4.96	4.97	4.98	4.99	5.00	5.01	5.02	5.03	5.04	5.05	5.06	5.07	5.08	5.09	5.10	5.11	5.12	5.13	5.14	5.15	5.16	5.17	5.18	5.19	5.20	5.21	5.22	5.23	5.24	5.25	5.26	5.27	5.28	5.29	5.30	5.31	5.32	5.33	5.34	5.35	5.36	5.37	5.38	5.39	5.40	5.41	5.42	5.43	5.44	5.45	5.46	5.47	5.48	5.49	5.50	5.51	5.52	5.53	5.54	5.55	5.56	5.57	5.58	5.59	5.60	5.61	5.62	5.63	5.64																								

Raw Data - ANT1 @ 2.4GHz (4/4)

Phi Angle [°]	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Theta Angle [°]	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
0	-1.38	-1.47	-1.56	-1.65	-1.74	-1.83	-1.92	-2.01	-2.10	-2.19	-2.28	-2.37	-2.46	-2.55	-2.64	-2.73	-2.82	-2.91	-3.00	-3.09	-3.18	-3.27	-3.36	-3.45	-3.54	-3.63	-3.72	-3.81	-3.90	-3.99	-4.08	-4.17	-4.26	-4.35	-4.44	-4.53	-4.62	-4.71	-4.80	-4.89	-4.98	-5.07	-5.16	-5.25	-5.34	-5.43	-5.52																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
1	-1.26	-1.34	-1.42	-1.51	-1.59	-1.68	-1.77	-1.86	-1.95	-2.04	-2.13	-2.22	-2.31	-2.40	-2.49	-2.58	-2.67	-2.76	-2.85	-2.94	-3.03	-3.12	-3.21	-3.30	-3.39	-3.48	-3.57	-3.66	-3.75	-3.84	-3.93	-4.02	-4.11	-4.20	-4.29	-4.38	-4.47	-4.56	-4.65	-4.74	-4.83	-4.92	-5.01	-5.10	-5.19	-5.28	-5.37	-5.46	-5.55																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
2	-1.35	-1.39	-1.43	-1.47	-1.51	-1.55	-1.59	-1.63	-1.67	-1.71	-1.75	-1.79	-1.83	-1.87	-1.91	-1.95	-1.99	-2.03	-2.07	-2.11	-2.15	-2.19	-2.23	-2.27	-2.31	-2.35	-2.39	-2.43	-2.47	-2.51	-2.55	-2.59	-2.63	-2.67	-2.71	-2.75	-2.79	-2.83	-2.87	-2.91	-2.95	-2.99	-3.03	-3.07	-3.11	-3.15	-3.19	-3.23																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
3	-1.32	-1.37	-1.42	-1.47	-1.51	-1.56	-1.61	-1.66	-1.71	-1.76	-1.81	-1.86	-1.91	-1.96	-2.01	-2.06	-2.11	-2.16	-2.21	-2.26	-2.31	-2.36	-2.41	-2.46	-2.51	-2.56	-2.61	-2.66	-2.71	-2.76	-2.81	-2.86	-2.91	-2.96	-3.01	-3.06	-3.11	-3.16	-3.21	-3.26	-3.31	-3.36	-3.41	-3.46	-3.51	-3.56	-3.61	-3.66	-3.71	-3.76	-3.81																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
4	-1.30	-1.37	-1.43	-1.49	-1.54	-1.60	-1.66	-1.72	-1.78	-1.84	-1.90	-1.96	-2.02	-2.08	-2.14	-2.20	-2.26	-2.32	-2.38	-2.44	-2.50	-2.56	-2.62	-2.68	-2.74	-2.80	-2.86	-2.92	-2.98	-3.04	-3.10	-3.16	-3.22	-3.28	-3.34	-3.40	-3.46	-3.52	-3.58	-3.64	-3.70	-3.76	-3.82	-3.88	-3.94	-4.00	-4.06	-4.12	-4.18	-4.24	-4.30	-4.36	-4.42	-4.48	-4.54	-4.60	-4.66	-4.72	-4.78	-4.84	-4.90	-4.96	-5.02	-5.08	-5.14	-5.20	-5.26	-5.32	-5.38	-5.44	-5.50	-5.56	-5.62	-5.68	-5.74	-5.80	-5.86	-5.92	-5.98	-6.04	-6.10	-6.16	-6.22	-6.28	-6.34	-6.40	-6.46	-6.52	-6.58	-6.64	-6.70	-6.76	-6.82	-6.88	-6.94	-7.00	-7.06	-7.12	-7.18	-7.24	-7.30	-7.36	-7.42	-7.48	-7.54	-7.60	-7.66	-7.72	-7.78	-7.84	-7.90	-7.96	-8.02	-8.08	-8.14	-8.20	-8.26	-8.32	-8.38	-8.44	-8.50	-8.56	-8.62	-8.68	-8.74	-8.80	-8.86	-8.92	-8.98	-9.04	-9.10	-9.16	-9.22	-9.28	-9.34	-9.40	-9.46	-9.52	-9.58	-9.64	-9.70	-9.76	-9.82	-9.88	-9.94	-10.00	-10.06	-10.12	-10.18	-10.24	-10.30	-10.36	-10.42	-10.48	-10.54	-10.60	-10.66	-10.72	-10.78	-10.84	-10.90	-10.96	-11.02	-11.08	-11.14	-11.20	-11.26	-11.32	-11.38	-11.44	-11.50	-11.56	-11.62	-11.68	-11.74	-11.80	-11.86	-11.92	-11.98	-12.04	-12.10	-12.16	-12.22	-12.28	-12.34	-12.40	-12.46	-12.52	-12.58	-12.64	-12.70	-12.76	-12.82	-12.88	-12.94	-13.00	-13.06	-13.12	-13.18	-13.24	-13.30	-13.36	-13.42	-13.48	-13.54	-13.60	-13.66	-13.72	-13.78	-13.84	-13.90	-13.96	-14.02	-14.08	-14.14	-14.20	-14.26	-14.32	-14.38	-14.44	-14.50	-14.56	-14.62	-14.68	-14.74	-14.80	-14.86	-14.92	-14.98	-15.04	-15.10	-15.16	-15.22	-15.28	-15.34	-15.40	-15.46	-15.52	-15.58	-15.64	-15.70	-15.76	-15.82	-15.88	-15.94	-16.00	-16.06	-16.12	-16.18	-16.24	-16.30	-16.36	-16.42	-16.48	-16.54	-16.60	-16.66	-16.72	-16.78	-16.84	-16.90	-16.96	-17.02	-17.08	-17.14	-17.20	-17.26	-17.32	-17.38	-17.44	-17.50	-17.56	-17.62	-17.68	-17.74	-17.80	-17.86	-17.92	-17.98	-18.04	-18.10	-18.16	-18.22	-18.28	-18.34	-18.40	-18.46	-18.52	-18.58	-18.64	-18.70	-18.76	-18.82	-18.88	-18.94	-19.00	-19.06	-19.12	-19.18	-19.24	-19.30	-19.36	-19.42	-19.48	-19.54	-19.60	-19.66	-19.72	-19.78	-19.84	-19.90	-19.96	-20.02	-20.08	-20.14	-20.20	-20.26	-20.32	-20.38	-20.44	-20.50	-20.56	-20.62	-20.68	-20.74	-20.80	-20.86	-20.92	-20.98	-21.04	-21.10	-21.16	-21.22	-21.28	-21.34	-21.40	-21.46	-21.52	-21.58	-21.64	-21.70	-21.76	-21.82	-21.88	-21.94	-22.00	-22.06	-22.12	-22.18	-22.24	-22.30	-22.36	-22.42	-22.48	-22.54	-22.60	-22.66	-22.72	-22.78	-22.84	-22.90	-22.96	-23.02	-23.08	-23.14	-23.20	-23.26	-23.32	-23.38	-23.44	-23.50	-23.56	-23.62	-23.68	-23.74	-23.80	-23.86	-23.92	-23.98	-24.04	-24.10	-24.16	-24.22	-24.28	-24.34	-24.40	-24.46	-24.52	-24.58	-24.64	-24.70	-24.76	-24.82	-24.88	-24.94	-25.00	-25.06	-25.12	-25.18	-25.24	-25.30	-25.36	-25.42	-25.48	-25.54	-25.60	-25.66	-25.72	-25.78	-25.84	-25.90	-25.96	-26.02	-26.08	-26.14	-26.20	-26.26	-26.32	-26.38	-26.44	-26.50	-26.56	-26.62	-26.68	-26.74	-26.80	-26.86	-26.92	-26.98	-27.04	-27.10	-27.16	-27.22	-27.28	-27.34	-27.40	-27.46	-27.52	-27.58	-27.64	-27.70	-27.76	-27.82	-27.88	-27.94	-28.00	-28.06	-28.12	-28.18	-28.24	-28.30	-28.36	-28.42	-28.48	-28.54	-28.60	-28.66	-28.72	-28.78	-28.84	-28.90	-28.96	-29.02	-29.08	-29.14	-29.20	-29.26	-29.32	-29.38	-29.44	-29.50	-29.56	-29.62	-29.68	-29.74	-29.80	-29.86	-29.92	-29.98	-30.04	-30.10	-30.16	-30.22	-30.28	-30.34	-30.40	-30.46	-30.52	-30.58	-30.64	-30.70	-30.76	-30.82	-30.88	-30.94	-31.00	-31.06	-31.12	-31.18	-31.24	-31.30	-31.36	-31.42	-31.48	-31.54	-31.60	-31.66	-31.72	-31.78	-31.84	-31.90	-31.96	-32.02	-32.08	-32.14	-32.20	-32.26	-32.32	-32.38	-32.44	-32.50	-32.56	-32.62	-32.68	-32.74	-32.80	-32.86	-32.92	-32.98	-33.04	-33.10	-33.16	-33.22	-33.28	-33.34	-33.40	-33.46	-33.52	-33.58	-33.64	-33.70	-33.76	-33.82	-33.88	-33.94	-34.00	-34.06	-34.12	-34.18	-34.24	-34.30	-34.36	-34.42	-34.48	-34.54	-34.60	-34.66	-34.72	-34.78	-34.84	-34.90	-34.96	-35.02	-35.08	-35.14	-35.20	-35.26	-35.32	-35.38	-35.44	-35.50	-35.56	-35.62	-35.68	-35.74	-35.80	-35.86	-35.92	-35.98	-36.04	-36.10	-36.16	-36.22	-36.28	-36.34	-36.40	-36.46	-36.52	-36.58	-36.64	-36.70	-36.76	-36.82	-36.88	-36.94	-37.00	-37.06	-37.12	-37.18	-37.24	-37.30	-37.36	-37.42	-37.48	-37.54	-37.60	-37.66	-37.72	-37.78	-37.84	-37.90	-37.96	-38.02	-38.08	-38.14	-38.20	-38.26	-38.32	-38.38	-38.44	-38.50	-38.56	-38.62	-38.68	-38.74	-38.80	-38.86	-38.92	-38.98	-39.04	-39.10	-39.16	-39.22	-39.28	-39.34	-39.40	-39.46	-39.52	-39.58	-39.64	-39.70	-39.76	-39.82	-39.88	-39.94	-40.00	-40.06	-40.12	-40.18	-40.24	-40.30	-40.36	-40.42	-40.48	-40.54	-40.60	-40.66	-40.72	-40.78	-40.84	-40.90	-40.96	-41.02	-41.08	-41.14	-41.20	-41.26	-41.32	-41.38	-41.44	-41.50	-41.56	-41.62	-41.68	-41.74	-41.80	-41.86	-41.92	-41.98	-42.04	-42.10	-42.16	-42.22	-42.28	-42.34	-42.40	-42.46	-42.52	-42.58	-42.64	-42.70	-42.76	-42.82	-42.88	-42.94	-43.00	-43.06	-43.12	-43.18	-43.24	-43.30	-43.36	-43.42	-43.48	-43.54	-43.60	-43.66	-43.72	-43.78	-43.84	-43.90	-43.96	-44.02	-44.08	-44.14	-44.20	-44.26	-44.32	-44.38	-44.44	-44.50	-44.56	-44.62	-44.68	-44.74	-44.80	-44.86	-44.92	-44.98	-45.04	-45.10	-45.16	-45.22	-45.28	-45.34	-45.40	-45.46	-45.52	-45.58	-45.64	-45.70	-45.76	-45.82	-45.88	-45.94	-46.00	-46.06	-46.12	-46.18	-46.24	-46.30	-46.36	-46.42	-46.48	-46.54	-46.60	-46.66	-46.72	-46.78	-46.84	-46.90	-46.96	-47.02	-47.08	-47.14	-47.20	-47.26	-47.32	-47.38	-47.44	-47.50	-47.56	-47.62	-47.68	-47.74	-47.80	-47.86	-47.92	-47.98	-48.04	-48.10	-48.16	-48.22	-48.28	-48.34	-48.40	-48.46	-48.52	-48.58	-48.64	-48.70	-48.76	-48.82	-48.88	-48.94	-49.00	-49.06	-49.12	-49.18	-49.24	-49.30	-49.36	-49.42	-49.48	-49.54	-49.60	-49.66	-49.72	-49.78	-49.84	-49.90	-49.96	-50.02	-50.08	-50.14	-50.20	-50.26	-50.32	-50.38	-50.44	-50.50	-50.56	-50.62	-50.68	-50.74	-50.80	-50.86	-50.92	-50.98	-51.04	-51.10	-51.16	-51.22	-51.28	-51.34	-51.40	-51.46	-51.52	-51.58	-51.64	-51.70	-51.76	-51.82	-51.88	-51.94	-52.00	-52.06	-52.12	-52.18	-52.24	-52.30	-52.36	-52.42	-52.48	-52.54	-52.60	-52.66	-52.72	-52.78	-52.84	-52.90	-52.96	-53.02	-53.08	-53.14	-53.20	-53.26	-53.32	-53.38	-53.44	-53.50	-53.56	-53.62	-53.68	-53.74	-53.80	-53.86	-53.92	-53.98	-54.04	-54.10	-54.16	-54.22	-54.28	-54.34	-54.40	-54.46	-54.52	-54.58	-54.64	-54.70	-54.76	-54.82	-54.88	-54.94	-55.00	-55.06	-55.12	-55.18	-55.24	-55.30	-55.36	-55.42	-55.48	-55.54	-55.60	-55.66	-55.72	-55.78	-55.84	-55.90	-55.96	-56.02	-56.08	-56.14	-56.20	-56.26	-56.32	-56.38	-56.44	-56.50	-56.56	-56.62	-56.68	-56.74	-56.80	-56.86	-56.92	-56.98	-57.04	-57.10	-57.16	-57.22	-57.28	-57.34	-57.40	-57.46	-57.52	-57.58	-57.64	-57.70	-57.76	-57.82	-57.88	-

	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86		87		88		89		90		91		92		93		94		95		96		97		98		99		100	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																				
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																				
2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																				
3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																				
4	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41																																																																																																																																																															

Raw Data - ANT1 @ 2.45GHz (2/4)

Phi Angle [°]	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180	
Theta Angle [°]	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180	
Response [dB]	5.96	5.79	5.63	5.46	5.30	5.14	4.98	4.82	4.66	4.50	4.34	4.18	4.03	3.87	3.71	3.55	3.39	3.23	3.07	2.91	2.75	2.59	2.43	2.27	2.11	1.95	1.79	1.63	1.47	1.31	1.15	0.99	0.83	0.67	0.51	0.35	0.19	0.03	-0.13	-0.29	-0.45	-0.61	-0.77	-0.93	-1.09	
180	5.96	5.79	5.63	5.46	5.30	5.14	4.98	4.82	4.66	4.50	4.34	4.18	4.03	3.87	3.71	3.55	3.39	3.23	3.07	2.91	2.75	2.59	2.43	2.27	2.11	1.95	1.79	1.63	1.47	1.31	1.15	0.99	0.83	0.67	0.51	0.35	0.19	0.03	-0.13	-0.29	-0.45	-0.61	-0.77	-0.93	-1.09	
178	5.74	5.58	5.41	5.25	5.08	4.92	4.76	4.60	4.44	4.28	4.12	3.96	3.80	3.64	3.48	3.32	3.16	3.00	2.84	2.68	2.52	2.36	2.20	2.04	1.88	1.72	1.56	1.40	1.24	1.08	0.92	0.76	0.60	0.44	0.28	0.12	-0.04	-0.20	-0.36	-0.52	-0.68	-0.84	-1.00	-1.16	-1.32	-1.48
176	5.53	5.36	5.20	5.04	4.87	4.71	4.55	4.39	4.23	4.07	3.91	3.75	3.59	3.43	3.27	3.11	2.95	2.79	2.63	2.47	2.31	2.15	1.99	1.83	1.67	1.51	1.35	1.19	1.03	0.87	0.71	0.55	0.39	0.23	0.07	-0.09	-0.25	-0.41	-0.57	-0.73	-0.89	-1.05	-1.21	-1.37	-1.53	-1.69
174	5.32	5.15	4.98	4.82	4.65	4.49	4.32	4.16	3.99	3.83	3.67	3.50	3.34	3.18	3.01	2.85	2.69	2.53	2.37	2.21	2.05	1.89	1.73	1.57	1.41	1.25	1.09	0.93	0.77	0.61	0.45	0.29	0.13	-0.03	-0.19	-0.35	-0.51	-0.67	-0.83	-0.99	-1.15	-1.31	-1.47	-1.63	-1.79	
172	5.10	4.94	4.77	4.60	4.44	4.27	4.10	3.94	3.77	3.60	3.44	3.28	3.11	2.95	2.78	2.62	2.45	2.29	2.13	1.97	1.81	1.65	1.49	1.33	1.17	1.01	0.85	0.69	0.53	0.37	0.21	0.05	-0.11	-0.27	-0.43	-0.59	-0.75	-0.91	-1.07	-1.23	-1.39	-1.55	-1.71	-1.87	-2.03	
170	4.89	4.72	4.55	4.39	4.22	4.05	3.89	3.72	3.55	3.38	3.22	3.05	2.89	2.72	2.55	2.39	2.22	2.06	1.90	1.73	1.57	1.41	1.25	1.09	0.93	0.77	0.61	0.45	0.29	0.13	-0.03	-0.19	-0.35	-0.51	-0.67	-0.83	-0.99	-1.15	-1.31	-1.47	-1.63	-1.79	-1.95	-2.11	-2.27	
168	4.67	4.51	4.35	4.19	4.03	3.87	3.71	3.55	3.39	3.23	3.07	2.91	2.75	2.59	2.43	2.27	2.11	1.95	1.79	1.63	1.47	1.31	1.15	0.99	0.83	0.67	0.51	0.35	0.19	0.03	-0.13	-0.29	-0.45	-0.61	-0.77	-0.93	-1.09	-1.25	-1.41	-1.57	-1.73	-1.89	-2.05	-2.21		
166	4.45	4.30	4.14	3.97	3.82	3.66	3.50	3.34	3.18	3.02	2.86	2.70	2.54	2.38	2.22	2.06	1.90	1.74	1.58	1.42	1.26	1.10	0.94	0.78	0.62	0.46	0.30	0.14	-0.02	-0.18	-0.34	-0.50	-0.66	-0.82	-0.98	-1.14	-1.30	-1.46	-1.62	-1.78	-1.94	-2.10	-2.26	-2.42		
164	4.23	4.08	3.92	3.76	3.60	3.44	3.28	3.12	2.96	2.80	2.64	2.48	2.32	2.16	2.00	1.84	1.68	1.52	1.36	1.20	1.04	0.88	0.72	0.56	0.40	0.24	0.08	-0.08	-0.24	-0.40	-0.56	-0.72	-0.88	-1.04	-1.20	-1.36	-1.52	-1.68	-1.84	-2.00	-2.16	-2.32	-2.48			
162	4.01	3.86	3.70	3.54	3.38	3.22	3.06	2.90	2.74	2.58	2.42	2.26	2.10	1.94	1.78	1.62	1.46	1.30	1.14	0.98	0.82	0.66	0.50	0.34	0.18	0.02	-0.14	-0.30	-0.46	-0.62	-0.78	-0.94	-1.10	-1.26	-1.42	-1.58	-1.74	-1.90	-2.06	-2.22	-2.38	-2.54	-2.70			
160	3.80	3.65	3.49	3.33	3.17	3.01	2.85	2.69	2.53	2.37	2.21	2.05	1.89	1.73	1.57	1.41	1.25	1.09	0.93	0.77	0.61	0.45	0.29	0.13	-0.03	-0.19	-0.35	-0.51	-0.67	-0.83	-0.99	-1.15	-1.31	-1.47	-1.63	-1.79	-1.95	-2.11	-2.27	-2.43	-2.59	-2.75	-2.91			
158	3.58	3.43	3.28	3.12	2.96	2.80	2.64	2.48	2.32	2.16	2.00	1.84	1.68	1.52	1.36	1.20	1.04	0.88	0.72	0.56	0.40	0.24	0.08	0.02	-0.14	-0.30	-0.46	-0.62	-0.78	-0.94	-1.10	-1.26	-1.42	-1.58	-1.74	-1.90	-2.06	-2.22	-2.38	-2.54	-2.70	-2.86	-3.02			
156	3.36	3.21	3.05	2.89	2.73	2.57	2.41	2.25	2.09	1.93	1.77	1.61	1.45	1.29	1.13	0.97	0.81	0.65	0.49	0.33	0.17	0.01	-0.15	-0.31	-0.47	-0.63	-0.79	-0.95	-1.11	-1.27	-1.43	-1.59	-1.75	-1.91	-2.07	-2.23	-2.39	-2.55	-2.71	-2.87	-3.03	-3.19				
154	3.14	3.00	2.84	2.68	2.52	2.36	2.20	2.04	1.88	1.72	1.56	1.40	1.24	1.08	0.92	0.76	0.60	0.44	0.28	0.12	-0.04	-0.20	-0.36	-0.52	-0.68	-0.84	-1.00	-1.16	-1.32	-1.48	-1.64	-1.80	-1.96	-2.12	-2.28	-2.44	-2.60	-2.76	-2.92	-3.08	-3.24	-3.40				
152	2.92	2.78	2.62	2.46	2.30	2.14	1.98	1.82	1.66	1.50	1.34	1.18	1.02	0.86	0.70	0.54	0.38	0.22	0.06	-0.10	-0.26	-0.42	-0.58	-0.74	-0.90	-1.06	-1.22	-1.38	-1.54	-1.70	-1.86	-2.02	-2.18	-2.34	-2.50	-2.66	-2.82	-2.98	-3.14	-3.30	-3.46	-3.62				
150	2.70	2.56	2.40	2.24	2.08	1.92	1.76	1.60	1.44	1.28	1.12	0.96	0.80	0.64	0.48	0.32	0.16	0.00	-0.16	-0.32	-0.48	-0.64	-0.80	-0.96	-1.12	-1.28	-1.44	-1.60	-1.76	-1.92	-2.08	-2.24	-2.40	-2.56	-2.72	-2.88	-3.04	-3.20	-3.36	-3.52	-3.68	-3.84				
148	2.48	2.34	2.18	2.02	1.86	1.70	1.54	1.38	1.22	1.06	0.90	0.74	0.58	0.42	0.26	0.10	-0.06	-0.22	-0.38	-0.54	-0.70	-0.86	-1.02	-1.18	-1.34	-1.50	-1.66	-1.82	-1.98	-2.14	-2.30	-2.46	-2.62	-2.78	-2.94	-3.10	-3.26	-3.42	-3.58	-3.74	-3.90	-4.06				
146	2.26	2.12	1.96	1.80	1.64	1.48	1.32	1.16	1.00	0.84	0.68	0.52	0.36	0.20	0.04	-0.12	-0.28	-0.44	-0.60	-0.76	-0.92	-1.08	-1.24	-1.40	-1.56	-1.72	-1.88	-2.04	-2.20	-2.36	-2.52	-2.68	-2.84	-3.00	-3.16	-3.32	-3.48	-3.64	-3.80	-3.96	-4.12	-4.28				
144	2.04	1.90	1.74	1.58	1.42	1.26	1.10	0.94	0.78	0.62	0.46	0.30	0.14	-0.02	-0.18	-0.34	-0.50	-0.66	-0.82	-0.98	-1.14	-1.30	-1.46	-1.62	-1.78	-1.94	-2.10	-2.26	-2.42	-2.58	-2.74	-2.90	-3.06	-3.22	-3.38	-3.54	-3.70	-3.86	-4.02	-4.18	-4.34	-4.50				
142	1.82	1.68	1.52	1.36	1.20	1.04	0.88	0.72	0.56	0.40	0.24	0.08	0.02	-0.14	-0.30	-0.46	-0.62	-0.78	-0.94	-1.10	-1.26	-1.42	-1.58	-1.74	-1.90	-2.06	-2.22	-2.38	-2.54	-2.70	-2.86	-3.02	-3.18	-3.34	-3.50	-3.66	-3.82	-3.98	-4.14	-4.30	-4.46	-4.62				
140	1.60	1.46	1.30	1.14	0.98	0.82	0.66	0.50	0.34	0.18	0.02	-0.14	-0.30	-0.46	-0.62	-0.78	-0.94	-1.10	-1.26	-1.42	-1.58	-1.74	-1.90	-2.06	-2.22	-2.38	-2.54	-2.70	-2.86	-3.02	-3.18	-3.34	-3.50	-3.66	-3.82	-3.98	-4.14	-4.30	-4.46	-4.62	-4.78	-4.94				
138	1.38	1.24	1.08	0.92	0.76	0.60	0.44	0.28	0.12	-0.04	-0.20	-0.36	-0.52	-0.68	-0.84	-1.00	-1.16	-1.32	-1.48	-1.64	-1.80	-1.96	-2.12	-2.28	-2.44	-2.60	-2.76	-2.92	-3.08	-3.24	-3.40	-3.56	-3.72	-3.88	-4.04	-4.20	-4.36	-4.52	-4.68	-4.84	-5.00					
136	1.16	1.02	0.86	0.70	0.54	0.38	0.22	0.06	-0.10	-0.26	-0.42	-0.58	-0.74	-0.90	-1.06	-1.22	-1.38	-1.54	-1.70	-1.86	-2.02	-2.18	-2.34	-2.50	-2.66	-2.82	-2.98	-3.14	-3.30	-3.46	-3.62	-3.78	-3.94	-4.10	-4.26	-4.42	-4.58	-4.74	-4.90	-5.06	-5.22					
134	0.94	0.80	0.64	0.48	0.32	0.16	0.00	-0.16	-0.32	-0.48	-0.64	-0.80	-0.96	-1.12	-1.28	-1.44	-1.60	-1.76	-1.92	-2.08	-2.24	-2.40	-2.56	-2.72	-2.88	-3.04	-3.20	-3.36	-3.52	-3.68	-3.84	-4.00	-4.16	-4.32	-4.48	-4.64	-4.80	-4.96	-5.12	-5.28	-5.44					
132	0.72	0.58	0.42	0.26	0.10	-0.06	-0.22	-0.38	-0.54	-0.70	-0.86	-1.02	-1.18	-1.34	-1.50	-1.66	-1.82	-1.98	-2.14	-2.30	-2.46	-2.62	-2.78	-2.94	-3.10	-3.26	-3.42	-3.58	-3.74	-3.90	-4.06	-4.22	-4.38	-4.54	-4.70	-4.86	-5.02	-5.18	-5.34	-5.50	-5.66					
130	0.50	0.36	0.20	0.04	-0.12	-0.28	-0.44	-0.60	-0.76	-0.92	-1.08	-1.24	-1.40	-1.56	-1.72	-1.88	-2.04	-2.20	-2.36	-2.52	-2.68	-2.84	-3.00	-3.16	-3.32	-3.48	-3.64	-3.80	-3.96	-4.12	-4.28	-4.44	-4.60	-4.76	-4.92	-5.08	-5.24	-5.40	-5.56	-5.72	-5.88					
128	0.28	0.14	-0.02	-0.18	-0.34	-0.50	-0.66	-0.82	-0.98	-1.14	-1.30	-1.46	-1.62	-1.78	-1.94	-2.10	-2.26	-2.42	-2.58	-2.74	-2.90	-3.06	-3.22	-3.38	-3.54	-3.70	-3.86	-4.02	-4.18	-4.34	-4.50	-4.66	-4.82	-4.98	-5.14	-5.30	-5.46	-5.62	-5.78	-5.94						
126	0.06	-0.08	-0.24	-0.40	-0.56	-0.72	-0.88	-1.04	-1.20	-1.36	-1.52	-1.68	-1.84	-2.00	-2.16	-2.32	-2.48	-2.64	-2.80	-2.96	-3.12	-3.28	-3.44	-3.60	-3.76	-3.92	-4.08	-4.24	-4.40	-4.56	-4.72	-4.88	-5.04	-5.20	-5.36	-5.52	-5.68	-5.84	-6.00	-6.16						
124	-0.16	-0.30	-0.46	-0.62	-0.7																																									

Raw Data - ANT1 @ 2.45GHz (3/4)

[illegible]

Raw Data - ANT1 @ 2.45GHz (4/4)

[illegible]

Raw Data - ANT1 @ 2.5GHz (1/4)

Age	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Height	5'0.0	5'0.5	5'1.0	5'1.5	5'2.0	5'2.5	5'3.0	5'3.5	5'4.0	5'4.5	5'5.0	5'5.5	5'6.0	5'6.5	5'7.0	5'7.5	5'8.0	5'8.5	5'9.0	5'9.5	5'10.0	5'10.5	5'11.0	5'11.5	5'12.0	5'12.5	5'13.0	5'13.5	5'14.0	5'14.5	5'15.0	5'15.5	5'16.0	5'16.5	5'17.0	5'17.5	5'18.0	5'18.5	5'19.0	5'19.5	5'20.0	5'20.5	5'21.0	5'21.5	5'22.0	5'22.5	5'23.0	5'23.5	5'24.0	5'24.5	5'25.0	5'25.5	5'26.0	5'26.5	5'27.0	5'27.5	5'28.0	5'28.5	5'29.0	5'29.5	5'30.0	5'30.5	5'31.0	5'31.5	5'32.0	5'32.5	5'33.0	5'33.5	5'34.0	5'34.5	5'35.0	5'35.5	5'36.0	5'36.5	5'37.0	5'37.5	5'38.0	5'38.5	5'39.0	5'39.5	5'40.0	5'40.5	5'41.0	5'41.5	5'42.0	5'42.5	5'43.0	5'43.5	5'44.0	5'44.5	5'45.0	5'45.5	5'46.0	5'46.5	5'47.0	5'47.5	5'48.0	5'48.5	5'49.0	5'49.5	5'50.0	5'50.5	5'51.0	5'51.5	5'52.0	5'52.5	5'53.0	5'53.5	5'54.0	5'54.5	5'55.0	5'55.5	5'56.0	5'56.5	5'57.0	5'57.5	5'58.0	5'58.5	5'59.0	5'59.5	6'0.0	6'0.5	6'1.0	6'1.5	6'2.0	6'2.5	6'3.0	6'3.5	6'4.0	6'4.5	6'5.0	6'5.5	6'6.0	6'6.5	6'7.0	6'7.5	6'8.0	6'8.5	6'9.0	6'9.5	7'0.0	7'0.5	7'1.0	7'1.5	7'2.0	7'2.5	7'3.0	7'3.5	7'4.0	7'4.5	7'5.0	7'5.5	7'6.0	7'6.5	7'7.0	7'7.5	7'8.0	7'8.5	7'9.0	7'9.5	8'0.0	8'0.5	8'1.0	8'1.5	8'2.0	8'2.5	8'3.0	8'3.5	8'4.0	8'4.5	8'5.0	8'5.5	8'6.0	8'6.5	8'7.0	8'7.5	8'8.0	8'8.5	8'9.0	8'9.5	9'0.0	9'0.5	9'1.0	9'1.5	9'2.0	9'2.5	9'3.0	9'3.5	9'4.0	9'4.5	9'5.0	9'5.5	9'6.0	9'6.5	9'7.0	9'7.5	9'8.0	9'8.5	9'9.0	9'9.5	10'0.0	10'0.5	10'1.0	10'1.5	10'2.0	10'2.5	10'3.0	10'3.5	10'4.0	10'4.5	10'5.0	10'5.5	10'6.0	10'6.5	10'7.0	10'7.5	10'8.0	10'8.5	10'9.0	10'9.5	11'0.0	11'0.5	11'1.0	11'1.5	11'2.0	11'2.5	11'3.0	11'3.5	11'4.0	11'4.5	11'5.0	11'5.5	11'6.0	11'6.5	11'7.0	11'7.5	11'8.0	11'8.5	11'9.0	11'9.5	12'0.0	12'0.5	12'1.0	12'1.5	12'2.0	12'2.5	12'3.0	12'3.5	12'4.0	12'4.5	12'5.0	12'5.5	12'6.0	12'6.5	12'7.0	12'7.5	12'8.0	12'8.5	12'9.0	12'9.5	13'0.0	13'0.5	13'1.0	13'1.5	13'2.0	13'2.5	13'3.0	13'3.5	13'4.0	13'4.5	13'5.0	13'5.5	13'6.0	13'6.5	13'7.0	13'7.5	13'8.0	13'8.5	13'9.0	13'9.5	14'0.0	14'0.5	14'1.0	14'1.5	14'2.0	14'2.5	14'3.0	14'3.5	14'4.0	14'4.5	14'5.0	14'5.5	14'6.0	14'6.5	14'7.0	14'7.5	14'8.0	14'8.5	14'9.0	14'9.5	15'0.0	15'0.5	15'1.0	15'1.5	15'2.0	15'2.5	15'3.0	15'3.5	15'4.0	15'4.5	15'5.0	15'5.5	15'6.0	15'6.5	15'7.0	15'7.5	15'8.0	15'8.5	15'9.0	15'9.5	16'0.0	16'0.5	16'1.0	16'1.5	16'2.0	16'2.5	16'3.0	16'3.5	16'4.0	16'4.5	16'5.0	16'5.5	16'6.0	16'6.5	16'7.0	16'7.5	16'8.0	16'8.5	16'9.0	16'9.5	17'0.0	17'0.5	17'1.0	17'1.5	17'2.0	17'2.5	17'3.0	17'3.5	17'4.0	17'4.5	17'5.0	17'5.5	17'6.0	17'6.5	17'7.0	17'7.5	17'8.0	17'8.5	17'9.0	17'9.5	18'0.0	18'0.5	18'1.0	18'1.5	18'2.0	18'2.5	18'3.0	18'3.5	18'4.0	18'4.5	18'5.0	18'5.5	18'6.0	18'6.5	18'7.0	18'7.5	18'8.0	18'8.5	18'9.0	18'9.5	19'0.0	19'0.5	19'1.0	19'1.5	19'2.0	19'2.5	19'3.0	19'3.5	19'4.0	19'4.5	19'5.0	19'5.5	19'6.0	19'6.5	19'7.0	19'7.5	19'8.0	19'8.5	19'9.0	19'9.5	20'0.0	20'0.5	20'1.0	20'1.5	20'2.0	20'2.5	20'3.0	20'3.5	20'4.0	20'4.5	20'5.0	20'5.5	20'6.0	20'6.5	20'7.0	20'7.5	20'8.0	20'8.5	20'9.0	20'9.5	21'0.0	21'0.5	21'1.0	21'1.5	21'2.0	21'2.5	21'3.0	21'3.5	21'4.0	21'4.5	21'5.0	21'5.5	21'6.0	21'6.5	21'7.0	21'7.5	21'8.0	21'8.5	21'9.0	21'9.5	22'0.0	22'0.5	22'1.0	22'1.5	22'2.0	22'2.5	22'3.0	22'3.5	22'4.0	22'4.5	22'5.0	22'5.5	22'6.0	22'6.5	22'7.0	22'7.5	22'8.0	22'8.5	22'9.0	22'9.5	23'0.0	23'0.5	23'1.0	23'1.5	23'2.0	23'2.5	23'3.0	23'3.5	23'4.0	23'4.5	23'5.0	23'5.5	23'6.0	23'6.5	23'7.0	23'7.5	23'8.0	23'8.5	23'9.0	23'9.5	24'0.0	24'0.5	24'1.0	24'1.5	24'2.0	24'2.5	24'3.0	24'3.5	24'4.0	24'4.5	24'5.0	24'5.5	24'6.0	24'6.5	24'7.0	24'7.5	24'8.0	24'8.5	24'9.0	24'9.5	25'0.0	25'0.5	25'1.0	25'1.5	25'2.0	25'2.5	25'3.0	25'3.5	25'4.0	25'4.5	25'5.0	25'5.5	25'6.0	25'6.5	25'7.0	25'7.5	25'8.0	25'8.5	25'9.0	25'9.5	26'0.0	26'0.5	26'1.0	26'1.5	26'2.0	26'2.5	26'3.0	26'3.5	26'4.0	26'4.5	26'5.0	26'5.5	26'6.0	26'6.5	26'7.0	26'7.5	26'8.0	26'8.5	26'9.0	26'9.5	27'0.0	27'0.5	27'1.0	27'1.5	27'2.0	27'2.5	27'3.0	27'3.5	27'4.0	27'4.5	27'5.0	27'5.5	27'6.0	27'6.5	27'7.0	27'7.5	27'8.0	27'8.5	27'9.0	27'9.5	28'0.0	28'0.5	28'1.0	28'1.5	28'2.0	28'2.5	28'3.0	28'3.5	28'4.0	28'4.5	28'5.0	28'5.5	28'6.0	28'6.5	28'7.0	28'7.5	28'8.0	28'8.5	28'9.0	28'9.5	29'0.0	29'0.5	29'1.0	29'1.5	29'2.0	29'2.5	29'3.0	29'3.5	29'4.0	29'4.5	29'5.0	29'5.5	29'6.0	29'6.5	29'7.0	29'7.5	29'8.0	29'8.5	29'9.0	29'9.5	30'0.0	30'0.5	30'1.0	30'1.5	30'2.0	30'2.5	30'3.0	30'3.5	30'4.0	30'4.5	30'5.0	30'5.5	30'6.0	30'6.5	30'7.0	30'7.5	30'8.0	30'8.5	30'9.0	30'9.5	31'0.0	31'0.5	31'1.0	31'1.5	31'2.0	31'2.5	31'3.0	31'3.5	31'4.0	31'4.5	31'5.0	31'5.5	31'6.0	31'6.5	31'7.0	31'7.5	31'8.0	31'8.5	31'9.0	31'9.5	32'0.0	32'0.5	32'1.0	32'1.5	32'2.0	32'2.5	32'3.0	32'3.5	32'4.0	32'4.5	32'5.0	32'5.5	32'6.0	32'6.5	32'7.0	32'7.5	32'8.0	32'8.5	32'9.0	32'9.5	33'0.0	33'0.5	33'1.0	33'1.5	33'2.0	33'2.5	33'3.0	33'3.5	33'4.0	33'4.5	33'5.0	33'5.5	33'6.0	33'6.5	33'7.0	33'7.5	33'8.0	33'8.5	33'9.0	33'9.5	34'0.0	34'0.5	34'1.0	34'1.5	34'2.0	34'2.5	34'3.0	34'3.5	34'4.0	34'4.5	34'5.0	34'5.5	34'6.0	34'6.5	34'7.0	34'7.5	34'8.0	34'8.5	34'9.0	34'9.5	35'0.0	35'0.5	35'1.0	35'1.5	35'2.0	35'2.5	35'3.0	35'3.5	35'4.0	35'4.5	35'5.0	35'5.5	35'6.0	35'6.5	35'7.0	35'7.5	35'8.0	35'8.5	35'9.0	35'9.5	36'0.0	36'0.5	36'1.0	36'1.5	36'2.0	36'2.5	36'3.0	36'3.5	36'4.0	36'4.5	36'5.0	36'5.5	36'6.0	36'6.5	36'7.0	36'7.5	36'8.0	36'8.5	36'9.0	36'9.5	37'0.0	37'0.5	37'1.0	37'1.5	37'2.0	37'2.5	37'3.0	37'3.5	37'4.0	37'4.5	37'5.0	37'5.5	37'6.0	37'6.5	37'7.0	37'7.5	37'8.0	37'8.5	37'9.0	37'9.5	38'0.0	38'0.5	38'1.0	38'1.5	38'2.0	38'2.5	38'3.0	38'3.5	38'4.0	38'4.5	38'5.0	38'5.5	38'6.0	38'6.5	38'7.0	38'7.5	38'8.0	38'8.5	38'9.0	38'9.5	39'0.0	39'0.5	39'1.0	39'1.5	39'2.0	39'2.5	39'3.0	39'3.5	39'4.0	39'4.5	39'5.0	39'5.5	39'6.0	39'6.5	39'7.0	39'7.5	39'8.0	39'8.5	39'9.0	39'9.5	40'0.0	40'0.5	40'1.0	40'1.5	40'2.0	40'2.5	40'3.0	40'3.5	40'4.0	40'4.5	40'5.0	40'5.5	40'6.0	40'6.5	40'7.0	40'7.5	40'8.0	40'8.5	40'9.0	40'9.5	41'0.0	41'0.5	41'1.0	41'1.5	41'2.0	41'2.5	41'3.0	41'3.5	41'4.0	41'4.5	41'5.0	41'5.5	41'6.0	41'6.5	41'7.0	41'7.5	41'8.0	41'8.5	41'9.0	41'9.5	42'0.0	42'0.5	42'1.0	42'1.5	42'2.0	42'2.5	42'3.0	42'3.5	42'4.0	42'4.5	42'5.0	42'5.5	42'6.0	42'6.5	42'7.0	42'7.5	42'8.0	42'8.5	42'9.0	42'9.5	43'0.0	43'0.5	43'1.0	43'1.5	43'2.0	43'2.5	43'3.0	43'3.5	43'4.0	43'4.5	43'5.0	43'5.5	43'6.0	43'6.5	43'7.0	43'7.5	43'8.0	43'8.5	43'9.0	43'9.5	44'0.0	44'0.5	44'1.0	44'1.5	44'2.0	44'2.5	44'3.0	44'3.5	44'4.0	44'4.5	44'5.0	44'5.5	44'6.0	44'6.5	44'7.0	44'7.5	44'8.0	44'8.5	44'9.0	44'9.5	45'0.0	45'0.5	45'1.0	45'1.5	45'2.0	45'2.5	45'3.0	45'3.5	45'4.0	45'4.5	45'5.0	45'5.5	45'6.0	45'6.5	45'7.0	45'7.5	45'8.0	45'8.5	45'9.0	45'9.5	46'0.0	46'0.5	46'1.0	46'1.5	46'2.0	46'2.5	46'3.0	46'3.5	46'4.0	46'4.5	46'5.0	46'5.5	46'6.0	46'6.5	46'7.0	46'7.5	46'8.0	46'8.5	46'9.0	46'9.5	47'0.0	47'0.5	47'1.0	47'1.5	47'2.0	47'2.5	47'3.0	47'3.5	47'4.0	47'4.5	47'5.0	47'5.5	47'6.0	47'6.5	47'7.0	47'7.5	47'8.0	47'8.5	47'9.0	47'9.5	48'0.0	48'0.5	48'1.0	48'1.5	48'2.0	48'2.5	48'3.0	48'3.5	48'4.0	48'4.5	48'5.0	48'5.5	48'6.0	48'6.5	48'7.0	48'7.5	48'8.0	48'8.5	48'9.0	48'9.5	49'0.0	49'0.5	49'1.0	49'1.5	49'2.0	49'2.5	49'3.0	49'3.5	49'4.0	49'4.5	49'5.0	49'5.5	49'6.0	49'6.5	49'7.0	49'7.5	49'8.0	49'8.5	49'9.0	49'9.5	50'0.0	50'0.5	50'1.0	50'1.5	50'2.0	50'2.5	50'3.0	50'3.5	50'4.0	50'4.5	50'5.0	50'5.5	50'6.0	50'6.5	50'7.0	50'7.5	50'8.0	50'8.5	50'9.0	50'9.5	51'0.0	51'0.5	51'1.0	51'1.5	51'2.0	51'2.5	51'3.0	51'3.5	51'4.0	51'4.5	51'5.0	51'5.5	51'6.0	51'6.5	51'7.0	51'7.5	51'8.0	51'8.5	51'9.0	51'9.5	52'0.0	52'0.5	52'1.0	52'1.5	52'2.0	52'2.5	52'3.0	52'3.5	52'4.0	52'4.5	52'5.0	52'5.5	52'6.0	52'6.5	52'7.0	52'7.5	52'8.0	52'8.5	52'9.0	52'9.5	53'0.0	53'0.5	53'1.0	53'1.5	53'2.0	53'2.5	53'3.0	53'3.5	53'4.0	53'4.5	53'5.0	53'5.5	53'6.0	53'6.5	53'7.0	53'7.5	53'8.0	

Raw Data - ANT1 @ 2.5GHz (2/4)

Phi Angle [°]	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180								
Theta Angle [°]	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180								
Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]	Response [dB]							
180	-6.08	-6.02	-5.96	-5.90	-5.84	-5.79	-5.73	-5.68	-5.62	-5.57	-5.52	-5.47	-5.41	-5.36	-5.31	-5.29	-5.46	-5.54	-5.61	-5.69	-5.69	-5.69	-5.68	-5.67	-5.67	-5.67	-5.69	-5.51	-5.42	-5.34	-5.26	-5.14	-5.01	-4.89	-4.78	-4.64	-4.66	-4.68	-4.70	-4.72	-4.74	-4.91	-5.07	-5.24	-5.40	-5.57							
178	-5.78	-5.72	-5.67	-5.61	-5.55	-5.50	-5.44	-5.39	-5.34	-5.29	-5.24	-5.19	-5.14	-5.09	-5.04	-5.12	-5.20	-5.28	-5.37	-5.45	-5.45	-5.45	-5.45	-5.46	-5.46	-5.46	-5.47	-5.39	-5.32	-5.25	-5.17	-5.09	-4.98	-4.88	-4.76	-4.65	-4.54	-4.58	-4.62	-4.66	-4.70	-4.74	-4.94	-5.14	-5.34	-5.53	-5.73						
176	-5.48	-5.41	-5.37	-5.31	-5.25	-5.20	-5.14	-5.09	-5.04	-4.99	-4.94	-4.89	-4.84	-4.79	-4.74	-4.82	-4.90	-4.98	-5.07	-5.15	-5.21	-5.22	-5.22	-5.23	-5.23	-5.23	-5.24	-5.16	-5.09	-5.02	-4.94	-4.86	-4.74	-4.64	-4.54	-4.44	-4.50	-4.56	-4.62	-4.69	-4.75	-4.98	-5.20	-5.41	-5.65	-5.89							
174	-5.19	-5.13	-5.08	-5.02	-4.96	-4.91	-4.87	-4.82	-4.77	-4.72	-4.67	-4.63	-4.59	-4.54	-4.50	-4.59	-4.69	-4.78	-4.87	-4.96	-5.05	-5.05	-5.05	-5.06	-5.06	-5.07	-5.00	-4.93	-4.86	-4.79	-4.70	-4.61	-4.52	-4.43	-4.34	-4.25	-4.30	-4.38	-4.47	-4.55	-4.63	-4.87	-5.10	-5.32	-5.55	-5.79	-6.05						
172	-4.89	-4.84	-4.78	-4.73	-4.67	-4.62	-4.58	-4.53	-4.48	-4.43	-4.39	-4.35	-4.31	-4.27	-4.23	-4.33	-4.43	-4.53	-4.62	-4.72	-4.78	-4.77	-4.80	-4.83	-4.85	-4.84	-4.77	-4.72	-4.68	-4.64	-4.59	-4.54	-4.49	-4.44	-4.39	-4.34	-4.34	-4.44	-4.58	-4.65	-4.78	-4.98	-5.20	-5.43	-5.63	-5.92	-6.21						
170	-4.60	-4.55	-4.49	-4.43	-4.38	-4.33	-4.28	-4.23	-4.18	-4.13	-4.08	-4.03	-3.98	-3.93	-3.88	-3.97	-4.07	-4.17	-4.28	-4.38	-4.48	-4.48	-4.51	-4.55	-4.59	-4.58	-4.51	-4.45	-4.40	-4.35	-4.30	-4.27	-4.22	-4.17	-4.12	-4.12	-4.24	-4.44	-4.68	-4.91	-5.13	-5.35	-5.58	-5.80	-6.03	-6.27	-6.51						
168	-4.36	-4.31	-4.26	-4.21	-4.16	-4.11	-4.06	-4.02	-3.98	-3.94	-3.89	-3.85	-3.80	-3.76	-3.72	-3.77	-3.87	-3.97	-4.08	-4.18	-4.24	-4.24	-4.28	-4.32	-4.35	-4.35	-4.28	-4.23	-4.18	-4.13	-4.08	-4.04	-4.00	-3.96	-3.92	-3.87	-3.82	-3.77	-3.77	-3.90	-4.14	-4.38	-4.73	-5.07	-5.39	-5.71	-6.14						
166	-4.13	-4.08	-4.03	-3.98	-3.93	-3.88	-3.83	-3.78	-3.73	-3.70	-3.67	-3.63	-3.60	-3.57	-3.55	-3.63	-3.73	-3.83	-3.93	-4.03	-4.13	-4.16	-4.20	-4.23	-4.26	-4.26	-4.19	-4.14	-4.10	-4.06	-4.02	-3.98	-3.94	-3.90	-3.86	-3.82	-3.78	-3.74	-3.74	-3.93	-4.17	-4.43	-4.79	-5.13	-5.47	-5.81	-6.23						
164	-3.93	-3.88	-3.83	-3.78	-3.73	-3.70	-3.67	-3.63	-3.60	-3.57	-3.55	-3.53	-3.51	-3.50	-3.48	-3.59	-3.69	-3.80	-3.91	-4.01	-4.05	-4.09	-4.13	-4.16	-4.20	-4.23	-4.15	-4.12	-4.09	-4.06	-4.03	-4.00	-3.96	-3.92	-3.88	-3.84	-3.80	-3.76	-3.72	-3.72	-3.93	-4.17	-4.43	-4.79	-5.13	-5.47	-5.81	-6.23					
162	-3.76	-3.71	-3.66	-3.61	-3.56	-3.53	-3.50	-3.47	-3.44	-3.42	-3.40	-3.37	-3.35	-3.33	-3.31	-3.42	-3.52	-3.62	-3.73	-3.83	-3.93	-4.03	-4.13	-4.23	-4.33	-4.43	-4.53	-4.63	-4.73	-4.83	-4.93	-5.03	-5.13	-5.23	-5.33	-5.43	-5.53	-5.63	-5.73	-5.83	-5.93	-6.03	-6.13	-6.23									
160	-3.62	-3.57	-3.52	-3.47	-3.42	-3.39	-3.36	-3.33	-3.30	-3.27	-3.25	-3.23	-3.21	-3.19	-3.17	-3.28	-3.38	-3.48	-3.58	-3.68	-3.78	-3.88	-3.98	-4.08	-4.18	-4.28	-4.38	-4.48	-4.58	-4.68	-4.78	-4.88	-4.98	-5.08	-5.18	-5.28	-5.38	-5.48	-5.58	-5.68	-5.78	-5.88	-5.98	-6.08	-6.18								
158	-3.49	-3.44	-3.39	-3.34	-3.29	-3.26	-3.23	-3.20	-3.17	-3.14	-3.12	-3.10	-3.08	-3.06	-3.04	-3.15	-3.25	-3.35	-3.45	-3.55	-3.65	-3.75	-3.85	-3.95	-4.05	-4.15	-4.25	-4.35	-4.45	-4.55	-4.65	-4.75	-4.85	-4.95	-5.05	-5.15	-5.25	-5.35	-5.45	-5.55	-5.65	-5.75	-5.85	-5.95	-6.05								
156	-3.37	-3.32	-3.27	-3.22	-3.17	-3.14	-3.11	-3.08	-3.05	-3.02	-2.99	-2.96	-2.93	-2.90	-2.87	-2.98	-3.08	-3.18	-3.28	-3.38	-3.48	-3.58	-3.68	-3.78	-3.88	-3.98	-4.08	-4.18	-4.28	-4.38	-4.48	-4.58	-4.68	-4.78	-4.88	-4.98	-5.08	-5.18	-5.28	-5.38	-5.48	-5.58	-5.68	-5.78	-5.88	-5.98							
154	-3.29	-3.24	-3.19	-3.14	-3.09	-3.06	-3.03	-3.00	-2.97	-2.94	-2.91	-2.88	-2.85	-2.82	-2.79	-2.90	-3.00	-3.10	-3.20	-3.30	-3.40	-3.50	-3.60	-3.70	-3.80	-3.90	-4.00	-4.10	-4.20	-4.30	-4.40	-4.50	-4.60	-4.70	-4.80	-4.90	-5.00	-5.10	-5.20	-5.30	-5.40	-5.50	-5.60	-5.70	-5.80	-5.90							
152	-3.22	-3.17	-3.12	-3.07	-3.02	-2.99	-2.96	-2.93	-2.90	-2.87	-2.84	-2.81	-2.78	-2.75	-2.72	-2.83	-2.93	-3.03	-3.13	-3.23	-3.33	-3.43	-3.53	-3.63	-3.73	-3.83	-3.93	-4.03	-4.13	-4.23	-4.33	-4.43	-4.53	-4.63	-4.73	-4.83	-4.93	-5.03	-5.13	-5.23	-5.33	-5.43	-5.53	-5.63	-5.73	-5.83	-5.93						
150	-3.14	-3.09	-3.04	-2.99	-2.94	-2.91	-2.88	-2.85	-2.82	-2.79	-2.76	-2.73	-2.70	-2.67	-2.64	-2.75	-2.85	-2.95	-3.05	-3.15	-3.25	-3.35	-3.45	-3.55	-3.65	-3.75	-3.85	-3.95	-4.05	-4.15	-4.25	-4.35	-4.45	-4.55	-4.65	-4.75	-4.85	-4.95	-5.05	-5.15	-5.25	-5.35	-5.45	-5.55	-5.65	-5.75	-5.85	-5.95					
148	-3.07	-3.02	-2.97	-2.92	-2.87	-2.84	-2.81	-2.78	-2.75	-2.72	-2.69	-2.66	-2.63	-2.60	-2.57	-2.68	-2.78	-2.88	-2.98	-3.08	-3.18	-3.28	-3.38	-3.48	-3.58	-3.68	-3.78	-3.88	-3.98	-4.08	-4.18	-4.28	-4.38	-4.48	-4.58	-4.68	-4.78	-4.88	-4.98	-5.08	-5.18	-5.28	-5.38	-5.48	-5.58	-5.68	-5.78	-5.88	-5.98				
146	-3.01	-2.96	-2.91	-2.86	-2.81	-2.78	-2.75	-2.72	-2.69	-2.66	-2.63	-2.60	-2.57	-2.54	-2.51	-2.62	-2.72	-2.82	-2.92	-3.02	-3.12	-3.22	-3.32	-3.42	-3.52	-3.62	-3.72	-3.82	-3.92	-4.02	-4.12	-4.22	-4.32	-4.42	-4.52	-4.62	-4.72	-4.82	-4.92	-5.02	-5.12	-5.22	-5.32	-5.42	-5.52	-5.62	-5.72	-5.82	-5.92				
144	-2.94	-2.89	-2.84	-2.79	-2.74	-2.71	-2.68	-2.65	-2.62	-2.59	-2.56	-2.53	-2.50	-2.47	-2.44	-2.55	-2.65	-2.75	-2.85	-2.95	-3.05	-3.15	-3.25	-3.35	-3.45	-3.55	-3.65	-3.75	-3.85	-3.95	-4.05	-4.15	-4.25	-4.35	-4.45	-4.55	-4.65	-4.75	-4.85	-4.95	-5.05	-5.15	-5.25	-5.35	-5.45	-5.55	-5.65	-5.75	-5.85	-5.95			
142	-2.87	-2.82	-2.77	-2.72	-2.67	-2.64	-2.61	-2.58	-2.55	-2.52	-2.49	-2.46	-2.43	-2.40	-2.37	-2.48	-2.58	-2.68	-2.78	-2.88	-2.98	-3.08	-3.18	-3.28	-3.38	-3.48	-3.58	-3.68	-3.78	-3.88	-3.98	-4.08	-4.18	-4.28	-4.38	-4.48	-4.58	-4.68	-4.78	-4.88	-4.98	-5.08	-5.18	-5.28	-5.38	-5.48	-5.58	-5.68	-5.78	-5.88	-5.98		
140	-2.81	-2.76	-2.71	-2.66	-2.61	-2.58	-2.55	-2.52	-2.49	-2.46	-2.43	-2.40	-2.37	-2.34	-2.31	-2.42	-2.52	-2.62	-2.72	-2.82	-2.92	-3.02	-3.12	-3.22	-3.32	-3.42	-3.52	-3.62	-3.72	-3.82	-3.92	-4.02	-4.12	-4.22	-4.32	-4.42	-4.52	-4.62	-4.72	-4.82	-4.92	-5.02	-5.12	-5.22	-5.32	-5.42	-5.52	-5.62	-5.72	-5.82	-5.92		
138	-2.74	-2.69	-2.64	-2.59	-2.54	-2.51	-2.48	-2.45	-2.42	-2.39	-2.36	-2.33	-2.30	-2.27	-2.24	-2.35	-2.45	-2.55	-2.65	-2.75	-2.85	-2.95	-3.05	-3.15	-3.25	-3.35	-3.45	-3.55	-3.65	-3.75	-3.85	-3.95	-4.05	-4.15	-4.25	-4.35	-4.45	-4.55	-4.65	-4.75	-4.85	-4.95	-5.05	-5.15	-5.25	-5.35	-5.45	-5.55	-5.65	-5.75	-5.85	-5.95	
136	-2.68	-2.63	-2.58	-2.53	-2.48	-2.45	-2.42	-2.39	-2.36	-2.33	-2.30	-2.27	-2.24	-2.21	-2.18	-2.29	-2.39	-2.49	-2.59	-2.69	-2.79	-2.89	-2.99	-3.09	-3.19	-3.29	-3.39	-3.49	-3.59	-3.69	-3.79	-3.89	-3.99	-4.09	-4.19	-4.29	-4.39	-4.49	-4.59	-4.69	-4.79	-4.89	-4.99	-5.09	-5.19	-5.29	-5.39	-5.49	-5.59	-5.69	-5.79	-5.89	-5.99
134	-2.62	-2.57	-2.52	-2.47	-2.42	-2.39	-2.36	-2.33	-2.30	-2.27	-2.24	-2.21	-2.18	-2.15	-2.12	-2.23	-2.33	-2.43	-2.53	-2.63	-2.73	-2.83	-2.93	-3.03	-3.13	-3.23	-3.33	-3.43	-3.53	-3.63	-3.73	-3.83	-3.93	-4.03	-4.13	-4.23	-4.33	-4.43	-4.53	-4.63	-4.73	-4.83	-4.93	-5.03	-5.13	-5.23	-5.33	-5.43	-5.53	-5.63	-5.73	-5.83	-5.93
132	-2.56	-2.51	-2.46	-2.41	-2.36	-2.33	-2.30	-2.27	-2.24	-2.21	-2.18	-2.15	-2.12	-2.09	-2.06	-2.17	-2.27	-2.37	-2.47	-2.57	-2.67	-2.77	-2.87	-2.97	-3.07	-3.17	-3.27	-3.37	-3.47	-3.57	-3.67	-3.77	-3.87	-3.97	-4.07	-4.17	-4.27	-4.37	-4.47	-4.57	-4.67	-4.77	-4.87	-4.97	-5.07	-5.17	-5.27	-5.37					

Raw Data - ANT1 @ 2.5GHz (3/4)

[illegible]

Raw Data - ANT1 @ 2.5GHz (4/4)

Phi Angle [°]	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180
Theta Angle [°]	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	
0	-14.14	-14.12	-14.12	-14.11	-14.10	-14.10	-14.09	-14.09	-14.08	-14.07	-14.07	-14.07	-14.07	-14.07	-14.07	-14.07	-14.08	-14.09	-14.10	-14.11	-14.12	-14.14	-14.15	-14.17	-14.18	-14.20	-14.22	-14.25	-14.28	-14.32	-14.36	-14.41	-14.44	-14.48	-14.52	-14.56	-14.59	-14.63	-14.67	-14.72	-14.76	-14.80	-14.85		
2	-14.73	-14.72	-14.70	-14.68	-14.66	-14.65	-14.63	-14.62	-14.61	-14.60	-14.59	-14.59	-14.59	-14.58	-14.58	-14.58	-14.59	-14.61	-14.63	-14.65	-14.67	-14.70	-14.73	-14.76	-14.79	-14.82	-14.86	-14.90	-14.94	-14.98	-15.02	-15.08	-15.15	-15.21	-15.28	-15.35	-15.41	-15.48	-15.55	-15.62	-15.69	-15.76	-15.83		
4	-15.33	-15.30	-15.27	-15.24	-15.21	-15.19	-15.18	-15.16	-15.14	-15.12	-15.11	-15.10	-15.10	-15.12	-15.14	-15.18	-15.20	-15.23	-15.26	-15.30	-15.34	-15.37	-15.41	-15.44	-15.47	-15.50	-15.53	-15.57	-15.61	-15.65	-15.70	-15.76	-15.83	-15.90	-15.97	-16.04	-16.11	-16.18	-16.25	-16.32	-16.39	-16.46	-16.53		
6	-15.92	-15.87	-15.82	-15.77	-15.73	-15.69	-15.66	-15.63	-15.60	-15.57	-15.55	-15.54	-15.53	-15.52	-15.52	-15.53	-15.55	-15.57	-15.60	-15.64	-15.68	-15.72	-15.76	-15.80	-15.84	-15.88	-15.92	-15.96	-16.01	-16.05	-16.10	-16.16	-16.23	-16.30	-16.37	-16.44	-16.51	-16.58	-16.65	-16.72	-16.79	-16.86	-16.93		
10	-16.07	-16.02	-15.96	-15.90	-15.84	-15.81	-15.77	-15.74	-15.71	-15.68	-15.67	-15.66	-15.66	-15.67	-15.68	-15.70	-15.73	-15.76	-15.80	-15.84	-15.88	-15.92	-15.96	-16.00	-16.04	-16.08	-16.12	-16.16	-16.20	-16.24	-16.28	-16.32	-16.36	-16.40	-16.44	-16.48	-16.52	-16.56	-16.60	-16.64	-16.68	-16.72			
14	-16.53	-16.46	-16.40	-16.34	-16.28	-16.25	-16.22	-16.20	-16.18	-16.16	-16.15	-16.15	-16.16	-16.18	-16.21	-16.24	-16.28	-16.32	-16.36	-16.40	-16.44	-16.48	-16.52	-16.56	-16.60	-16.64	-16.68	-16.72	-16.76	-16.80	-16.84	-16.88	-16.92	-16.96	-17.00	-17.04	-17.08	-17.12	-17.16	-17.20	-17.24	-17.28			
18	-16.98	-16.91	-16.83	-16.75	-16.67	-16.61	-16.56	-16.51	-16.46	-16.42	-16.39	-16.37	-16.36	-16.37	-16.39	-16.42	-16.46	-16.50	-16.54	-16.58	-16.62	-16.66	-16.70	-16.74	-16.78	-16.82	-16.86	-16.90	-16.94	-16.98	-17.02	-17.06	-17.10	-17.14	-17.18	-17.22	-17.26	-17.30	-17.34	-17.38	-17.42	-17.46			
22	-17.41	-17.35	-17.27	-17.19	-17.11	-17.05	-17.00	-16.95	-16.90	-16.86	-16.83	-16.81	-16.80	-16.81	-16.83	-16.86	-16.90	-16.94	-16.98	-17.02	-17.06	-17.10	-17.14	-17.18	-17.22	-17.26	-17.30	-17.34	-17.38	-17.42	-17.46	-17.50	-17.54	-17.58	-17.62	-17.66	-17.70	-17.74	-17.78	-17.82	-17.86	-17.90			
26	-17.82	-17.76	-17.68	-17.60	-17.52	-17.46	-17.41	-17.36	-17.31	-17.27	-17.24	-17.22	-17.21	-17.22	-17.24	-17.27	-17.31	-17.35	-17.39	-17.43	-17.47	-17.51	-17.55	-17.59	-17.63	-17.67	-17.71	-17.75	-17.79	-17.83	-17.87	-17.91	-17.95	-17.99	-18.03	-18.07	-18.11	-18.15	-18.19	-18.23	-18.27	-18.31			
30	-18.29	-18.20	-18.10	-18.01	-17.91	-17.83	-17.76	-17.70	-17.64	-17.59	-17.54	-17.50	-17.47	-17.45	-17.45	-17.46	-17.48	-17.51	-17.54	-17.58	-17.62	-17.66	-17.70	-17.74	-17.78	-17.82	-17.86	-17.90	-17.94	-17.98	-18.02	-18.06	-18.10	-18.14	-18.18	-18.22	-18.26	-18.30	-18.34	-18.38	-18.42	-18.46			
34	-18.67	-18.63	-18.68	-18.74	-18.80	-18.85	-18.91	-18.97	-19.03	-19.09	-19.15	-19.21	-19.26	-19.32	-19.38	-19.44	-19.50	-19.56	-19.62	-19.68	-19.74	-19.80	-19.86	-19.91	-19.97	-20.03	-20.09	-20.15	-20.21	-20.27	-20.33	-20.39	-20.45	-20.51	-20.57	-20.63	-20.69	-20.75	-20.81	-20.87	-20.93	-20.99	-21.05		
38	-19.05	-19.06	-19.16	-19.26	-19.36	-19.46	-19.56	-19.66	-19.76	-19.86	-19.96	-20.06	-20.16	-20.26	-20.36	-20.46	-20.56	-20.66	-20.76	-20.86	-20.96	-21.06	-21.16	-21.26	-21.36	-21.46	-21.56	-21.66	-21.76	-21.86	-21.96	-22.06	-22.16	-22.26	-22.36	-22.46	-22.56	-22.66	-22.76	-22.86	-22.96	-23.06			
42	-19.43	-19.46	-19.56	-19.66	-19.76	-19.86	-19.96	-20.06	-20.16	-20.26	-20.36	-20.46	-20.56	-20.66	-20.76	-20.86	-20.96	-21.06	-21.16	-21.26	-21.36	-21.46	-21.56	-21.66	-21.76	-21.86	-21.96	-22.06	-22.16	-22.26	-22.36	-22.46	-22.56	-22.66	-22.76	-22.86	-22.96	-23.06	-23.16	-23.26	-23.36	-23.46	-23.56		
46	-19.81	-19.84	-19.94	-20.04	-20.14	-20.24	-20.34	-20.44	-20.54	-20.64	-20.74	-20.84	-20.94	-21.04	-21.14	-21.24	-21.34	-21.44	-21.54	-21.64	-21.74	-21.84	-21.94	-22.04	-22.14	-22.24	-22.34	-22.44	-22.54	-22.64	-22.74	-22.84	-22.94	-23.04	-23.14	-23.24	-23.34	-23.44	-23.54	-23.64	-23.74	-23.84	-23.94	-24.04	
50	-20.19	-20.22	-20.32	-20.42	-20.52	-20.62	-20.72	-20.82	-20.92	-21.02	-21.12	-21.22	-21.32	-21.42	-21.52	-21.62	-21.72	-21.82	-21.92	-22.02	-22.12	-22.22	-22.32	-22.42	-22.52	-22.62	-22.72	-22.82	-22.92	-23.02	-23.12	-23.22	-23.32	-23.42	-23.52	-23.62	-23.72	-23.82	-23.92	-24.02	-24.12	-24.22	-24.32		
54	-20.57	-20.60	-20.70	-20.80	-20.90	-21.00	-21.10	-21.20	-21.30	-21.40	-21.50	-21.60	-21.70	-21.80	-21.90	-22.00	-22.10	-22.20	-22.30	-22.40	-22.50	-22.60	-22.70	-22.80	-22.90	-23.00	-23.10	-23.20	-23.30	-23.40	-23.50	-23.60	-23.70	-23.80	-23.90	-24.00	-24.10	-24.20	-24.30	-24.40	-24.50	-24.60	-24.70		
58	-20.95	-20.98	-21.08	-21.18	-21.28	-21.38	-21.48	-21.58	-21.68	-21.78	-21.88	-21.98	-22.08	-22.18	-22.28	-22.38	-22.48	-22.58	-22.68	-22.78	-22.88	-22.98	-23.08	-23.18	-23.28	-23.38	-23.48	-23.58	-23.68	-23.78	-23.88	-23.98	-24.08	-24.18	-24.28	-24.38	-24.48	-24.58	-24.68	-24.78	-24.88	-24.98	-25.08		
62	-21.33	-21.36	-21.46	-21.56	-21.66	-21.76	-21.86	-21.96	-22.06	-22.16	-22.26	-22.36	-22.46	-22.56	-22.66	-22.76	-22.86	-22.96	-23.06	-23.16	-23.26	-23.36	-23.46	-23.56	-23.66	-23.76	-23.86	-23.96	-24.06	-24.16	-24.26	-24.36	-24.46	-24.56	-24.66	-24.76	-24.86	-24.96	-25.06	-25.16	-25.26	-25.36	-25.46		
66	-21.71	-21.74	-21.84	-21.94	-22.04	-22.14	-22.24	-22.34	-22.44	-22.54	-22.64	-22.74	-22.84	-22.94	-23.04	-23.14	-23.24	-23.34	-23.44	-23.54	-23.64	-23.74	-23.84	-23.94	-24.04	-24.14	-24.24	-24.34	-24.44	-24.54	-24.64	-24.74	-24.84	-24.94	-25.04	-25.14	-25.24	-25.34	-25.44	-25.54	-25.64	-25.74	-25.84		
70	-22.09	-22.12	-22.22	-22.32	-22.42	-22.52	-22.62	-22.72	-22.82	-22.92	-23.02	-23.12	-23.22	-23.32	-23.42	-23.52	-23.62	-23.72	-23.82	-23.92	-24.02	-24.12	-24.22	-24.32	-24.42	-24.52	-24.62	-24.72	-24.82	-24.92	-25.02	-25.12	-25.22	-25.32	-25.42	-25.52	-25.62	-25.72	-25.82	-25.92	-26.02	-26.12	-26.22		
74	-22.47	-22.50	-22.60	-22.70	-22.80	-22.90	-23.00	-23.10	-23.20	-23.30	-23.40	-23.50	-23.60	-23.70	-23.80	-23.90	-24.00	-24.10	-24.20	-24.30	-24.40	-24.50	-24.60	-24.70	-24.80	-24.90	-25.00	-25.10	-25.20	-25.30	-25.40	-25.50	-25.60	-25.70	-25.80	-25.90	-26.00	-26.10	-26.20	-26.30	-26.40	-26.50	-26.60		
78	-22.85	-22.88	-22.98	-23.08	-23.18	-23.28	-23.38	-23.48	-23.58	-23.68	-23.78	-23.88	-23.98	-24.08	-24.18	-24.28	-24.38	-24.48	-24.58	-24.68	-24.78	-24.88	-24.98	-25.08	-25.18	-25.28	-25.38	-25.48	-25.58	-25.68	-25.78	-25.88	-25.98	-26.08	-26.18	-26.28	-26.38	-26.48	-26.58	-26.68	-26.78	-26.88	-26.98		
82	-23.23	-23.26	-23.36	-23.46	-23.56	-23.66	-23.76	-23.86	-23.96	-24.06	-24.16	-24.26	-24.36	-24.46	-24.56	-24.66	-24.76	-24.86	-24.96	-25.06	-25.16	-25.26	-25.36	-25.46	-25.56	-25.66	-25.76	-25.86	-25.96	-26.06	-26.16	-26.26	-26.36	-26.46	-26.56	-26.66	-26.76	-26.86	-26.96	-27.06	-27.16	-27.26	-27.36		
86	-23.61	-23.64	-23.74	-23.84	-23.94	-24.04	-24.14	-24.24	-24.34	-24.44	-24.54	-24.64	-24.74	-24.84	-24.94	-25.04	-25.14	-25.24	-25.34	-25.44	-25.54	-25.64	-25.74	-25.84	-25.94	-26.04	-26.14	-26.24	-26.34	-26.44	-26.54	-26.64	-26.74	-26.84	-26.94	-27.04	-27.14	-27.24	-27.34	-27.44	-27.54	-27.64	-27.74		
90	-23.99	-24.02	-24.12	-24.22	-24.32	-24.42	-24.52	-24.62	-24.72	-24.82	-24.92	-25.02	-25.12	-25.22	-25.32	-25.42	-25.52	-25.62	-25.72	-25.82	-25.92	-26.02	-26.12	-26.22	-26.32	-26.42	-26.52	-26.62	-26.72	-26.82	-26.92	-27.02	-27.12	-27.22	-27.32	-27.42	-27.52	-27.62	-27.72	-27.82	-27.92	-28.02	-28.12		
94	-24.37	-24.40	-24.50	-24.60	-24.70	-24.80	-24.90	-25.00	-25.10	-25.20	-25.30	-25.40	-25.50	-25.60	-25.70	-25.80	-25.90	-26.00	-26.10	-26.20	-26.30	-26.40	-26.50	-26.60	-26.70	-26.80	-26.90	-27.00	-27.10	-27.20	-27.30	-27.40	-27.50	-27.60	-27.70	-27.80	-27.90	-28.00	-28.10	-28.20	-28.30	-28.40	-28.50		
98	-24.75	-24.78	-24.88	-24.98	-25.08	-25.18	-25.28																																						

Raw Data - ANT1 @ 5.15GHz (1/4)

[illegible]

Raw Data - ANT1 @ 5.15GHz (2/4)

[illegible]