ANTENNA TEST REPORT

Manufacture: **JIANGMEN TODAAIR ELECTRONIC CO.,LTD**

Address: Building 8,WanfengYuan Industrial Area,Jiangmen City,Guangdong Province,529000 China

Product Name: **5.8G Dual-Polarized Antenna**

Product Model: **ANT5800SQ**

Report Number: **2503P40910E-RF**

Date Of Issue: **2025/1/22**

Reviewed & Approved By: **Sun Zhong** Sun Zhong

Title: Manager

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Test Facility

The Test site used by China Certification ICT Co., Ltd (Dongguan) to collect test data is located on the No. 113, Pingkang Road, Dalang Town, Dongguan, Guangdong, China.

Declarations

China Certification ICT Co., Ltd (Dongguan) is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with a triangle symbol "▲". Customer model name, addresses, names, trademarks etc. are not considered data.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	2503P40910E-RF	Original Report	2025/1/22

1. GENERAL INFORMATION

Product Name:	5.8G Dual-Polarized Antenna
Product Model:	ANT5800SQ
Antenna Type:	Dual-Polarized Antenna
Test Items:	Gain; Efficiency; Radiation Pattern
Test Frequency (MHz):	5150, 5200, 5250, 5700, 5750, 5800, 5850
Sample Number:	2X6Z-1
EUT Received Date:	2025/1/10
EUT Received Status:	Good

2. TEST CONFIGURATIONS

2.1 Test Environment

Temperature (℃)	21
Humidity (%RH)	40
Atmospheric Pressure (kPa)	101.1
Tester	Leo Li
Test Date	2025/1/21

2.2 Test Equipment

Test Instrument	R&S ZNB8

3. TEST RESULTS

3.1 Gain and Efficiency

ANT1

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
5150.00	28.87	7.97
5200.00	26.89	7.74
5250.00	33.89	8.78
5700.00	26.26	7.56
5750.00	13.83	4.70
5800.00	8.24	2.08
5850.00	7.50	1.71

ANT2

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
5150.00	18.28	4.80
5200.00	20.40	5.00
5250.00	25.08	6.09
5700.00	14.14	3.02
5750.00	13.21	2.45
5800.00	15.30	2.89
5850.00	19.45	3.83

Note:
For 5150-5250MHz frequency range, the maximum antenna gain at any elevation angle above 30 degrees as measured from the horizon is 3.51 dBi at 5250 MHz.

ANT1:

RP_5150.000_tot

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.00	-14.98	-15.70	-14.55	-10.80	-12.96	-12.65	-8.37	-12.56
15.00	-14.98	-15.56	-16.31	-11.87	-14.04	-13.67	-10.23	-16.52
30.00	-14.98	-15.11	-17.04	-13.22	-14.71	-13.67	-13.76	-15.62
45.00	-14.98	-14.55	-18.77	-16.42	-16.11	-15.15	-24.01	-15.07
60.00	-14.98	-14.71	-19.52	-19.30	-19.32	-16.72	-20.86	-21.39
75.00	-14.98	-13.33	-19.35	-12.46	-14.92	-17.68	-12.82	-17.53
90.00	-14.98	-12.21	-20.68	-10.76	-14.63	-16.57	-18.98	-15.87
105.00	-14.98	-12.39	-21.46	-11.93	-16.41	-20.72	-14.75	-12.35
120.00	-14.98	-13.15	-17.24	-13.75	-15.84	-21.46	-14.10	-10.67
135.00	-14.98	-13.59	-15.42	-18.28	-15.40	-17.60	-15.50	-8.53
150.00	-14.98	-13.41	-15.35	-16.33	-14.80	-19.13	-12.74	-8.47
165.00	-14.98	-14.01	-15.54	-13.12	-13.74	-19.44	-8.61	-8.07
180.00	-14.98	-14.55	-16.26	-10.96	-12.80	-15.96	-6.54	-7.05
195.00	-14.98	-15.71	-16.51	-10.16	-11.09	-11.19	-4.74	-6.13
210.00	-14.98	-16.21	-17.10	-9.46	-10.44	-8.68	-6.14	-5.33
225.00	-14.98	-18.54	-17.36	-8.46	-11.22	-9.00	-12.72	-7.29
240.00	-14.98	-20.67	-19.85	-6.24	-4.29	-1.81	-0.23	-5.09
255.00	-14.98	-22.06	-25.31	-4.91	0.99	5.22	6.64	1.52
270.00	-14.98	-23.32	-23.10	-4.02	2.34	7.18	7.97	3.36
285.00	-14.98	-20.52	-16.97	-4.67	-0.13	4.70	5.49	1.74
300.00	-14.98	-22.25	-16.47	-6.37	-5.71	-2.53	-2.61	-3.62
315.00	-14.98	-18.81	-14.97	-7.21	-11.30	-8.52	-13.39	-5.88
330.00	-14.98	-16.92	-13.70	-7.23	-11.85	-7.44	-6.65	-5.12
345.00	-14.98	-15.65	-14.54	-8.74	-12.53	-9.56	-6.83	-6.85
360.00	-14.98	-15.70	-14.55	-10.80	-12.96	-12.65	-8.37	-12.56

(continuation of the "RP_5150.000_tot" table from column 9 ...)

Azimuth (deg)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)
0.00	-11.00	-14.65	-8.42	-10.17
15.00	-10.38	-14.56	-11.49	-11.72
30.00	-10.40	-13.76	-12.92	-13.54
45.00	-10.98	-20.72	-12.97	-14.60
60.00	-15.16	-14.91	-11.48	-13.89
75.00	-15.94	-17.12	-9.73	-12.82
90.00	-15.16	-16.37	-11.67	-12.56
105.00	-12.07	-11.40	-15.09	-10.71
120.00	-11.49	-10.84	-16.21	-10.90
135.00	-9.61	-13.31	-12.67	-10.76
150.00	-10.30	-14.83	-11.22	-10.71
165.00	-13.51	-12.02	-10.20	-11.88
180.00	-13.63	-10.49	-9.18	-9.46
195.00	-13.11	-15.04	-7.96	-6.33
210.00	-10.43	-14.60	-8.47	-5.22
225.00	-7.24	-9.29	-10.47	-3.62
240.00	-4.14	-7.08	-8.44	-2.93
255.00	-3.82	-7.27	-8.45	-3.11
270.00	-6.48	-6.14	-11.61	-5.24
285.00	-5.53	-5.68	-5.62	-7.36
300.00	-7.22	-6.06	-4.47	-8.85
315.00	-12.85	-6.39	-8.28	-11.36
330.00	-10.78	-17.48	-8.91	-11.67
345.00	-10.96	-19.81	-6.57	-10.62
360.00	-11.00	-14.65	-8.42	-10.17

RP_5200.000_tot

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.00	-14.90	-15.57	-16.73	-11.49	-13.56	-13.20	-9.37	-12.10
15.00	-14.90	-15.48	-17.18	-12.93	-14.02	-14.58	-11.90	-17.42
30.00	-14.90	-14.42	-17.23	-14.50	-15.58	-15.31	-16.02	-15.31
45.00	-14.90	-14.67	-19.19	-17.64	-19.28	-17.16	-21.03	-16.08
60.00	-14.90	-14.37	-18.81	-20.91	-23.40	-17.60	-20.27	-23.66
75.00	-14.90	-13.70	-19.66	-14.03	-16.33	-19.94	-14.12	-18.08
90.00	-14.90	-13.33	-22.22	-12.95	-17.57	-18.14	-18.25	-15.03
105.00	-14.90	-13.40	-20.92	-12.62	-19.84	-21.90	-15.92	-12.89
120.00	-14.90	-14.03	-17.40	-15.08	-17.65	-20.41	-14.99	-11.81
135.00	-14.90	-14.04	-14.85	-19.54	-15.90	-18.25	-16.17	-9.78
150.00	-14.90	-14.73	-15.84	-17.60	-15.53	-20.28	-14.66	-9.39
165.00	-14.90	-15.40	-16.88	-13.73	-15.49	-19.58	-10.16	-8.90
180.00	-14.90	-16.26	-18.67	-12.46	-13.36	-16.20	-7.90	-7.73
195.00	-14.90	-17.30	-18.08	-10.83	-11.45	-11.56	-5.96	-6.26
210.00	-14.90	-17.72	-18.28	-9.99	-11.36	-8.97	-6.60	-5.29
225.00	-14.90	-20.02	-17.94	-7.95	-11.78	-9.60	-13.48	-8.21
240.00	-14.90	-20.71	-19.54	-5.74	-4.46	-1.80	-0.89	-5.92
255.00	-14.90	-21.42	-20.48	-4.48	1.00	5.25	6.41	1.13
270.00	-14.90	-21.81	-23.63	-3.83	2.46	7.02	7.74	2.88
285.00	-14.90	-20.23	-18.15	-4.41	0.24	4.86	5.47	1.19
300.00	-14.90	-17.95	-15.55	-6.00	-6.07	-2.65	-2.97	-4.61
315.00	-14.90	-17.05	-14.78	-8.05	-12.04	-10.09	-11.81	-7.37
330.00	-14.90	-16.44	-14.71	-8.78	-12.52	-8.17	-6.58	-5.99
345.00	-14.90	-15.63	-15.67	-10.03	-13.08	-10.47	-7.43	-7.44
360.00	-14.90	-15.57	-16.73	-11.49	-13.56	-13.20	-9.37	-12.10

(continuation of the "RP_5200.000_tot" table from column 9 ...)

Azimuth (deg)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)
0.00	-11.76	-16.00	-9.60	-12.44
15.00	-12.59	-15.47	-12.24	-13.82
30.00	-13.05	-16.39	-13.35	-15.90
45.00	-12.51	-23.89	-13.99	-16.91
60.00	-17.04	-16.64	-11.80	-15.77
75.00	-17.01	-18.54	-11.09	-14.38
90.00	-16.78	-18.84	-13.87	-14.54
105.00	-13.19	-12.85	-19.02	-12.10
120.00	-13.70	-12.40	-20.12	-11.41
135.00	-11.18	-15.71	-15.36	-12.28
150.00	-11.42	-18.30	-12.91	-11.59
165.00	-14.63	-14.17	-10.82	-14.09
180.00	-15.27	-12.87	-9.77	-11.41
195.00	-13.44	-16.14	-8.69	-8.17
210.00	-11.06	-14.83	-8.82	-7.00
225.00	-8.27	-9.00	-8.73	-5.01
240.00	-5.15	-6.87	-7.97	-4.16
255.00	-5.53	-6.35	-8.18	-4.44
270.00	-8.47	-5.64	-10.72	-6.76
285.00	-6.23	-5.39	-6.30	-8.91
300.00	-7.27	-5.97	-4.81	-10.24
315.00	-12.91	-6.92	-8.31	-12.13
330.00	-11.30	-18.63	-8.86	-12.51
345.00	-11.98	-19.10	-7.65	-12.08
360.00	-11.76	-16.00	-9.60	-12.44

RP_5250.000_tot

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.00	-13.49	-13.74	-17.03	-11.34	-13.48	-13.11	-9.16	-12.72
15.00	-13.49	-13.57	-18.19	-12.91	-14.08	-14.50	-13.32	-16.57
30.00	-13.49	-12.63	-18.36	-14.44	-16.26	-14.96	-19.88	-14.17
45.00	-13.49	-12.68	-19.67	-18.53	-21.65	-18.05	-18.31	-15.36
60.00	-13.49	-12.33	-20.54	-20.32	-22.44	-18.60	-17.33	-20.95
75.00	-13.49	-12.45	-20.37	-15.08	-15.34	-20.98	-13.61	-15.75
90.00	-13.49	-12.47	-20.24	-13.97	-21.59	-17.98	-18.63	-13.55
105.00	-13.49	-13.00	-19.75	-13.17	-18.97	-21.37	-15.55	-13.84
120.00	-13.49	-13.19	-15.50	-16.55	-18.32	-18.90	-14.81	-13.12
135.00	-13.49	-13.62	-14.43	-24.50	-15.30	-17.86	-15.82	-9.68
150.00	-13.49	-13.94	-13.92	-17.08	-14.86	-20.64	-15.78	-9.11
165.00	-13.49	-13.71	-16.15	-14.20	-14.56	-21.74	-10.33	-8.90
180.00	-13.49	-14.61	-17.81	-13.16	-12.50	-15.62	-7.82	-7.35
195.00	-13.49	-15.27	-17.49	-11.77	-10.54	-10.78	-5.90	-5.79
210.00	-13.49	-15.91	-15.60	-9.25	-10.63	-8.09	-6.06	-4.66
225.00	-13.49	-15.74	-14.85	-6.65	-11.06	-8.96	-12.71	-7.46
240.00	-13.49	-16.11	-14.52	-4.38	-3.42	-0.68	0.01	-4.96
255.00	-13.49	-15.26	-16.20	-3.06	2.03	6.71	7.27	1.91
270.00	-13.49	-16.11	-16.06	-2.62	3.51	8.71	8.78	3.46
285.00	-13.49	-14.82	-15.35	-3.18	1.22	6.04	6.42	1.98
300.00	-13.49	-15.54	-13.43	-5.03	-4.75	-1.46	-2.04	-3.95
315.00	-13.49	-15.38	-12.89	-6.69	-11.77	-10.49	-9.08	-7.95
330.00	-13.49	-14.29	-14.62	-8.36	-12.06	-7.76	-5.11	-6.23
345.00	-13.49	-13.71	-16.67	-9.45	-12.56	-9.93	-6.70	-7.27
360.00	-13.49	-13.74	-17.03	-11.34	-13.48	-13.11	-9.16	-12.72

(continuation of the "RP_5250.000_tot" table from column 9 ...)

Azimuth (deg)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)
0.00	-10.49	-16.68	-8.61	-12.19
15.00	-12.43	-16.76	-11.92	-14.51
30.00	-13.31	-18.10	-13.24	-16.14
45.00	-13.43	-22.32	-12.66	-17.81
60.00	-18.16	-15.58	-11.53	-17.31
75.00	-15.71	-17.00	-11.05	-15.31
90.00	-17.89	-18.64	-13.87	-13.79
105.00	-12.64	-12.55	-22.23	-11.09
120.00	-13.76	-11.27	-23.18	-10.71
135.00	-11.59	-14.14	-16.55	-11.47
150.00	-11.92	-17.55	-12.30	-11.27
165.00	-14.20	-16.31	-10.21	-13.91
180.00	-13.08	-13.36	-9.06	-12.44
195.00	-11.59	-17.35	-7.50	-8.92
210.00	-10.09	-13.92	-7.26	-7.26
225.00	-7.30	-8.42	-6.80	-5.00
240.00	-4.68	-5.35	-5.83	-3.91
255.00	-5.57	-4.71	-5.57	-3.98
270.00	-9.41	-3.89	-7.56	-6.94
285.00	-5.03	-3.72	-4.76	-9.36
300.00	-6.25	-4.50	-3.51	-9.98
315.00	-10.91	-5.57	-7.19	-11.50
330.00	-11.33	-16.91	-8.53	-12.44
345.00	-11.02	-14.19	-6.86	-12.75
360.00	-10.49	-16.68	-8.61	-12.19

RP_5700.000_tot

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.00	-12.52	-12.97	-16.43	-15.73	-18.57	-10.28	-14.70	-12.39
15.00	-12.52	-13.72	-17.24	-17.07	-18.45	-10.37	-17.09	-15.27
30.00	-12.52	-14.48	-21.19	-20.80	-15.21	-11.78	-15.04	-17.33
45.00	-12.52	-17.40	-19.92	-22.12	-13.47	-14.37	-14.17	-15.68
60.00	-12.52	-17.04	-24.02	-19.54	-14.79	-18.08	-16.06	-17.04
75.00	-12.52	-22.10	-19.93	-19.54	-18.90	-17.74	-16.64	-16.20
90.00	-12.52	-23.63	-21.67	-17.88	-20.55	-14.84	-13.34	-16.17
105.00	-12.52	-21.41	-23.01	-16.83	-17.51	-19.80	-21.06	-12.38
120.00	-12.52	-17.45	-22.74	-21.60	-18.67	-20.50	-15.59	-11.22
135.00	-12.52	-15.41	-17.05	-27.13	-20.37	-14.80	-13.79	-11.09
150.00	-12.52	-13.25	-14.39	-21.55	-14.48	-13.12	-14.13	-11.59
165.00	-12.52	-13.38	-13.63	-18.32	-12.13	-13.77	-11.07	-10.33
180.00	-12.52	-12.08	-13.48	-16.75	-10.96	-14.00	-10.83	-9.26
195.00	-12.52	-11.85	-13.23	-16.37	-10.88	-11.49	-8.02	-7.71
210.00	-12.52	-11.64	-11.27	-14.66	-10.59	-6.93	-4.66	-8.70
225.00	-12.52	-11.36	-8.93	-10.50	-10.80	-7.28	-6.66	-20.64
240.00	-12.52	-11.15	-7.46	-6.79	-7.95	-2.90	-9.40	-5.38
255.00	-12.52	-9.60	-6.84	-4.54	-2.20	5.22	4.40	1.57
270.00	-12.52	-10.15	-6.89	-3.96	0.02	7.56	7.35	2.91
285.00	-12.52	-9.49	-6.75	-4.76	-2.03	4.56	3.52	0.80
300.00	-12.52	-9.41	-7.75	-7.50	-6.78	-4.81	-10.04	-8.15
315.00	-12.52	-9.97	-9.69	-11.37	-10.64	-5.55	-4.82	-13.95
330.00	-12.52	-10.61	-12.38	-13.54	-11.68	-5.73	-4.70	-8.06
345.00	-12.52	-11.59	-14.38	-14.17	-14.38	-8.37	-7.38	-10.10
360.00	-12.52	-12.97	-16.43	-15.73	-18.57	-10.28	-14.70	-12.39

(continuation of the "RP_5700.000_tot" table from column 9 ...)

Azimuth (deg)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)
0.00	-13.67	-10.77	-12.21	-14.91
15.00	-15.35	-11.10	-13.37	-15.89
30.00	-15.43	-9.80	-9.37	-18.52
45.00	-25.86	-11.79	-10.56	-20.10
60.00	-16.88	-13.60	-14.15	-19.84
75.00	-11.06	-10.55	-14.12	-15.44
90.00	-13.81	-11.71	-12.38	-12.49
105.00	-11.18	-16.42	-9.81	-11.70
120.00	-12.41	-13.49	-10.32	-11.30
135.00	-13.56	-10.28	-12.23	-10.95
150.00	-12.40	-10.77	-8.96	-10.44
165.00	-11.77	-12.72	-6.69	-11.07
180.00	-8.94	-12.11	-5.10	-10.22
195.00	-9.00	-12.48	-5.04	-6.97
210.00	-8.07	-13.38	-6.42	-6.60
225.00	-6.60	-6.47	-7.13	-8.32
240.00	-3.98	-1.95	-5.70	-7.75
255.00	-3.89	-0.16	-5.09	-8.33
270.00	-4.32	-0.47	-4.48	-8.37
285.00	-1.75	-0.62	-6.33	-8.42
300.00	-3.34	-3.75	-7.34	-8.62
315.00	-6.29	-4.05	-7.24	-11.92
330.00	-11.22	-12.27	-11.01	-11.51
345.00	-17.91	-5.36	-7.95	-13.07
360.00	-13.67	-10.77	-12.21	-14.91

RP_5750.000_tot

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.00	-14.71	-14.34	-16.34	-18.60	-20.45	-12.23	-17.47	-14.50
15.00	-14.71	-15.75	-19.15	-20.29	-21.20	-12.12	-18.67	-17.97
30.00	-14.71	-16.42	-24.37	-25.79	-18.40	-12.41	-16.68	-18.97
45.00	-14.71	-16.50	-23.09	-25.99	-14.64	-15.15	-16.34	-19.36
60.00	-14.71	-20.35	-25.29	-21.96	-18.17	-22.77	-19.81	-19.76
75.00	-14.71	-21.65	-28.49	-23.53	-22.73	-21.28	-18.92	-21.22
90.00	-14.71	-24.00	-22.75	-20.93	-23.55	-17.46	-17.07	-18.75
105.00	-14.71	-24.80	-23.81	-20.37	-19.61	-21.02	-23.79	-15.75
120.00	-14.71	-23.43	-23.53	-21.72	-20.09	-24.32	-19.18	-14.66
135.00	-14.71	-19.42	-19.19	-26.52	-23.19	-15.69	-17.59	-14.72
150.00	-14.71	-17.57	-16.84	-21.78	-19.35	-13.86	-16.30	-14.12
165.00	-14.71	-16.66	-15.37	-21.97	-15.60	-16.76	-14.00	-13.81
180.00	-14.71	-15.39	-15.20	-19.43	-14.27	-16.55	-13.48	-12.39
195.00	-14.71	-14.68	-15.11	-18.77	-13.66	-13.72	-10.51	-10.53
210.00	-14.71	-13.21	-12.69	-18.76	-12.69	-9.07	-7.00	-12.33
225.00	-14.71	-12.66	-10.73	-12.15	-11.92	-9.22	-8.79	-22.39
240.00	-14.71	-11.89	-9.44	-8.60	-10.56	-6.01	-13.16	-8.83
255.00	-14.71	-11.29	-8.95	-7.01	-5.37	2.01	1.68	-1.21
270.00	-14.71	-11.31	-8.43	-6.98	-3.49	4.48	4.70	0.09
285.00	-14.71	-11.35	-8.89	-7.45	-5.30	1.51	0.83	-2.19
300.00	-14.71	-11.97	-9.09	-9.12	-9.71	-8.96	-14.04	-11.99
315.00	-14.71	-12.00	-12.02	-13.28	-13.72	-7.35	-7.26	-15.50
330.00	-14.71	-12.99	-13.70	-16.90	-15.11	-7.87	-7.63	-10.66
345.00	-14.71	-12.92	-15.49	-18.28	-18.11	-10.42	-10.42	-12.81
360.00	-14.71	-14.34	-16.34	-18.60	-20.45	-12.23	-17.47	-14.50

(continuation of the "RP_5750.000_tot" table from column 9 ...)

Azimuth (deg)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)
0.00	-15.68	-13.09	-14.93	-16.43
15.00	-17.66	-13.20	-16.59	-17.35
30.00	-18.81	-12.26	-11.25	-18.94
45.00	-25.62	-15.80	-11.89	-23.65
60.00	-18.15	-16.43	-15.46	-24.57
75.00	-13.91	-12.80	-16.62	-18.33
90.00	-17.20	-14.09	-14.75	-15.68
105.00	-14.13	-17.99	-11.98	-14.98
120.00	-13.86	-17.00	-12.35	-14.15
135.00	-15.10	-12.34	-14.34	-13.56
150.00	-14.70	-13.06	-11.59	-13.22
165.00	-12.99	-15.72	-9.69	-12.54
180.00	-11.75	-14.32	-7.96	-11.30
195.00	-11.75	-13.95	-7.59	-8.86
210.00	-10.95	-15.08	-8.95	-8.65
225.00	-9.18	-8.92	-10.02	-10.07
240.00	-6.47	-4.62	-8.73	-10.57
255.00	-6.37	-2.72	-8.09	-11.08
270.00	-6.70	-2.94	-7.66	-12.29
285.00	-4.37	-3.45	-9.42	-10.69
300.00	-6.69	-7.07	-11.28	-10.87
315.00	-9.01	-7.12	-10.65	-12.77
330.00	-14.39	-15.65	-13.86	-13.92
345.00	-19.06	-7.97	-11.42	-15.04
360.00	-15.68	-13.09	-14.93	-16.43

RP_5800.000_tot

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.00	-16.23	-15.09	-18.37	-20.92	-21.78	-13.22	-19.83	-18.69
15.00	-16.23	-16.07	-19.08	-21.71	-23.89	-13.59	-19.57	-19.56
30.00	-16.23	-16.45	-24.44	-29.20	-19.73	-14.60	-17.69	-22.24
45.00	-16.23	-18.60	-25.69	-27.39	-16.67	-16.11	-17.49	-20.75
60.00	-16.23	-20.58	-27.71	-25.19	-18.77	-23.47	-20.78	-21.47
75.00	-16.23	-27.93	-26.32	-28.30	-23.98	-23.22	-20.43	-23.30
90.00	-16.23	-23.52	-25.75	-27.95	-22.76	-19.41	-19.78	-22.30
105.00	-16.23	-28.83	-26.08	-21.80	-22.15	-22.84	-27.10	-19.69
120.00	-16.23	-25.05	-28.94	-22.15	-24.70	-28.01	-22.80	-17.14
135.00	-16.23	-21.66	-19.60	-27.30	-24.79	-17.14	-20.91	-16.31
150.00	-16.23	-19.86	-19.03	-24.43	-20.39	-16.05	-17.92	-15.95
165.00	-16.23	-18.15	-15.98	-23.88	-17.43	-17.70	-16.69	-14.85
180.00	-16.23	-16.35	-15.83	-20.06	-16.62	-18.15	-16.06	-14.72
195.00	-16.23	-15.16	-15.61	-19.97	-15.70	-15.38	-11.21	-12.63
210.00	-16.23	-13.36	-14.48	-17.68	-14.01	-10.45	-8.62	-13.41
225.00	-16.23	-12.64	-13.19	-14.04	-14.46	-10.25	-9.80	-21.53
240.00	-16.23	-12.20	-11.39	-10.76	-13.47	-9.00	-16.14	-11.67
255.00	-16.23	-12.04	-10.41	-9.01	-8.10	-0.50	-0.26	-3.71
270.00	-16.23	-12.44	-9.67	-8.65	-6.24	2.03	2.08	-2.32
285.00	-16.23	-12.43	-9.72	-8.36	-7.75	-1.11	-1.44	-4.98
300.00	-16.23	-12.99	-11.47	-10.53	-12.50	-11.55	-18.34	-15.74
315.00	-16.23	-13.60	-14.19	-15.25	-15.17	-8.97	-8.64	-14.91
330.00	-16.23	-14.16	-15.55	-18.65	-16.21	-9.45	-9.62	-12.45
345.00	-16.23	-13.89	-18.00	-20.75	-20.03	-11.66	-12.86	-15.39
360.00	-16.23	-15.09	-18.37	-20.92	-21.78	-13.22	-19.83	-18.69

(continuation of the "RP_5800.000_tot" table from column 9 ...)

Azimuth (deg)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)
0.00	-18.81	-15.11	-17.71	-20.71
15.00	-19.20	-15.65	-16.91	-19.30
30.00	-20.69	-15.08	-13.82	-21.29
45.00	-26.74	-18.28	-14.53	-27.02
60.00	-20.19	-19.12	-17.85	-22.92
75.00	-16.55	-14.11	-18.15	-20.17
90.00	-20.63	-15.72	-16.25	-17.31
105.00	-15.86	-19.06	-13.66	-16.31
120.00	-16.92	-18.75	-13.30	-15.38
135.00	-17.13	-13.99	-15.69	-15.75
150.00	-16.54	-14.01	-13.46	-14.07
165.00	-15.11	-17.85	-11.53	-14.70
180.00	-14.15	-14.91	-9.90	-12.93
195.00	-13.55	-15.72	-9.48	-10.41
210.00	-13.06	-16.85	-11.72	-9.95
225.00	-10.83	-10.67	-13.44	-11.50
240.00	-9.07	-7.18	-11.45	-13.55
255.00	-8.59	-4.91	-10.34	-14.52
270.00	-8.59	-5.43	-9.73	-15.70
285.00	-6.60	-5.95	-11.38	-13.34
300.00	-9.53	-9.71	-14.44	-12.66
315.00	-11.21	-10.45	-13.01	-14.18
330.00	-15.09	-16.46	-15.35	-14.62
345.00	-19.98	-10.44	-14.06	-17.75
360.00	-18.81	-15.11	-17.71	-20.71

ANT2:

RP_5150.000_tot

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.00	-12.18	-13.45	-19.00	-16.35	-15.29	-21.31	-13.19	-12.88
15.00	-12.18	-14.37	-20.60	-18.16	-17.16	-21.62	-14.49	-15.06
30.00	-12.18	-15.51	-21.19	-21.34	-25.14	-20.38	-13.14	-16.01
45.00	-12.18	-16.43	-21.32	-21.29	-20.56	-16.41	-16.68	-22.33
60.00	-12.18	-16.88	-16.17	-20.84	-24.21	-14.94	-21.46	-18.33
75.00	-12.18	-18.53	-15.35	-19.46	-26.39	-14.94	-18.77	-15.55
90.00	-12.18	-18.87	-17.31	-17.54	-18.96	-24.25	-13.87	-15.26
105.00	-12.18	-19.40	-21.53	-16.80	-19.22	-25.80	-17.90	-13.57
120.00	-12.18	-18.18	-21.28	-17.53	-17.61	-17.47	-14.93	-12.73
135.00	-12.18	-18.45	-25.01	-20.72	-20.71	-21.02	-17.28	-16.15
150.00	-12.18	-18.24	-23.02	-22.23	-16.86	-15.86	-23.12	-17.42
165.00	-12.18	-17.70	-18.42	-18.25	-16.43	-15.53	-19.22	-17.40
180.00	-12.18	-15.88	-16.26	-16.78	-16.00	-16.73	-15.01	-13.29
195.00	-12.18	-13.87	-13.52	-13.36	-14.66	-21.82	-14.17	-8.96
210.00	-12.18	-11.81	-11.85	-10.68	-12.91	-16.18	-13.05	-5.54
225.00	-12.18	-10.26	-9.22	-9.57	-8.22	-8.29	-9.74	-4.17
240.00	-12.18	-8.84	-6.37	-8.20	-3.84	-6.03	-10.74	-3.30
255.00	-12.18	-7.69	-4.08	-6.05	-3.74	-3.46	-1.33	1.08
270.00	-12.18	-7.08	-3.79	-6.20	-10.24	1.55	4.80	4.35
285.00	-12.18	-7.71	-5.47	-7.20	-9.75	0.52	2.84	3.85
300.00	-12.18	-8.37	-9.49	-7.82	-4.88	-3.04	-4.07	-0.20
315.00	-12.18	-9.82	-15.08	-9.37	-6.31	-5.49	-7.02	-7.34
330.00	-12.18	-11.57	-17.29	-12.09	-11.00	-10.14	-11.63	-9.75
345.00	-12.18	-12.98	-17.15	-13.72	-13.44	-15.60	-14.92	-9.97
360.00	-12.18	-13.45	-19.00	-16.35	-15.29	-21.31	-13.19	-12.88

(continuation of the "RP_5150.000_tot" table from column 9 ...)

Azimuth (deg)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)
0.00	-10.04	-8.05	-12.67	-16.42
15.00	-16.52	-10.95	-12.05	-16.43
30.00	-16.13	-10.42	-10.26	-16.72
45.00	-14.06	-8.72	-10.81	-16.79
60.00	-15.35	-9.69	-9.90	-18.08
75.00	-15.37	-11.01	-9.23	-13.43
90.00	-15.94	-13.66	-8.75	-9.73
105.00	-17.08	-12.18	-8.94	-8.20
120.00	-14.79	-14.84	-9.83	-7.43
135.00	-11.82	-22.92	-10.33	-6.67
150.00	-13.34	-13.82	-11.06	-6.59
165.00	-20.13	-8.73	-11.73	-7.43
180.00	-20.26	-8.22	-10.88	-7.27
195.00	-18.64	-11.60	-6.75	-6.20
210.00	-12.43	-8.88	-5.85	-6.24
225.00	-8.00	-7.01	-7.46	-7.68
240.00	-3.64	-14.63	-9.19	-8.45
255.00	-1.38	-7.34	-8.05	-9.19
270.00	-0.36	-10.97	-9.60	-12.37
285.00	-0.41	-6.44	-22.99	-10.46
300.00	-2.13	-7.05	-12.85	-8.98
315.00	-2.13	-4.43	-12.59	-9.74
330.00	-5.11	-7.43	-13.56	-13.06
345.00	-7.07	-10.63	-10.41	-16.38
360.00	-10.04	-8.05	-12.67	-16.42

RP_5200.000_tot

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.00	-10.71	-13.08	-16.88	-15.31	-13.48	-20.23	-13.23	-12.08
15.00	-10.71	-14.87	-17.61	-16.83	-16.05	-24.10	-13.57	-14.48
30.00	-10.71	-14.62	-19.02	-19.17	-22.83	-19.06	-12.18	-15.32
45.00	-10.71	-16.26	-22.46	-22.58	-21.95	-15.72	-16.77	-23.90
60.00	-10.71	-17.07	-18.19	-23.86	-22.97	-14.07	-21.15	-17.19
75.00	-10.71	-17.14	-16.44	-19.35	-20.55	-14.83	-18.67	-14.73
90.00	-10.71	-17.78	-18.75	-18.19	-17.21	-25.24	-13.11	-14.86
105.00	-10.71	-18.12	-20.98	-17.66	-19.10	-28.82	-16.39	-12.57
120.00	-10.71	-16.91	-21.38	-16.88	-17.38	-16.03	-14.29	-12.36
135.00	-10.71	-16.72	-21.99	-18.68	-22.99	-18.19	-16.02	-14.89
150.00	-10.71	-16.17	-25.81	-19.01	-16.47	-15.50	-21.34	-16.43
165.00	-10.71	-14.58	-19.02	-18.88	-16.37	-15.61	-17.78	-17.79
180.00	-10.71	-13.90	-16.28	-15.16	-14.83	-17.39	-15.18	-12.72
195.00	-10.71	-12.25	-14.06	-13.14	-14.00	-21.76	-13.20	-8.14
210.00	-10.71	-11.20	-11.83	-11.03	-12.29	-16.97	-11.77	-4.84
225.00	-10.71	-9.86	-8.14	-9.33	-8.21	-8.76	-9.23	-3.19
240.00	-10.71	-8.24	-5.61	-7.78	-3.59	-6.29	-9.59	-2.03
255.00	-10.71	-7.36	-3.20	-6.08	-3.46	-2.94	-0.73	1.94
270.00	-10.71	-6.80	-2.97	-6.34	-10.25	2.31	5.00	4.95
285.00	-10.71	-7.22	-4.78	-7.12	-9.08	0.86	3.25	4.26
300.00	-10.71	-7.89	-8.93	-7.42	-4.51	-2.51	-3.36	0.02
315.00	-10.71	-9.62	-13.26	-8.28	-6.37	-4.76	-6.36	-5.76
330.00	-10.71	-10.95	-15.11	-11.21	-10.32	-9.21	-10.99	-7.22
345.00	-10.71	-12.24	-15.90	-14.04	-12.99	-14.50	-12.81	-8.40
360.00	-10.71	-13.08	-16.88	-15.31	-13.48	-20.23	-13.23	-12.08

(continuation of the "RP_5200.000_tot" table from column 9 ...)

Azimuth (deg)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)
0.00	-9.99	-8.08	-13.43	-17.26
15.00	-17.56	-10.58	-12.70	-15.51
30.00	-14.69	-8.98	-10.42	-16.96
45.00	-14.06	-8.48	-10.85	-17.57
60.00	-14.13	-8.62	-10.77	-17.42
75.00	-14.99	-10.76	-9.76	-13.42
90.00	-17.43	-12.40	-9.25	-9.34
105.00	-17.57	-11.60	-9.47	-8.06
120.00	-14.38	-13.44	-10.08	-6.79
135.00	-11.69	-19.74	-10.43	-6.64
150.00	-12.48	-14.49	-10.36	-6.28
165.00	-17.21	-9.08	-10.39	-7.19
180.00	-18.03	-8.25	-11.01	-6.97
195.00	-16.05	-11.96	-7.27	-5.88
210.00	-10.72	-9.68	-5.87	-5.62
225.00	-7.16	-7.09	-6.88	-7.38
240.00	-3.18	-12.75	-8.60	-8.30
255.00	-1.46	-7.01	-8.18	-8.86
270.00	-0.22	-10.46	-9.15	-10.39
285.00	-0.17	-5.89	-25.11	-9.30
300.00	-1.32	-6.54	-12.76	-8.30
315.00	-1.37	-4.18	-13.44	-9.77
330.00	-4.67	-7.64	-14.12	-13.32
345.00	-6.35	-9.36	-11.44	-17.86
360.00	-9.99	-8.08	-13.43	-17.26

RP_5250.000_tot

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.00	-10.02	-12.97	-16.62	-14.77	-12.85	-20.55	-12.43	-10.90
15.00	-10.02	-13.01	-17.39	-15.39	-15.21	-20.77	-12.91	-12.77
30.00	-10.02	-14.30	-18.99	-16.84	-21.23	-18.51	-12.15	-14.66
45.00	-10.02	-15.90	-21.52	-22.27	-20.79	-14.49	-18.67	-23.36
60.00	-10.02	-16.28	-22.15	-25.18	-18.70	-13.33	-21.00	-14.91
75.00	-10.02	-15.55	-16.80	-19.59	-19.18	-14.98	-20.68	-15.19
90.00	-10.02	-15.67	-18.69	-17.94	-17.69	-24.41	-14.14	-14.97
105.00	-10.02	-15.89	-20.50	-17.65	-19.83	-28.10	-15.79	-12.25
120.00	-10.02	-14.74	-20.30	-16.21	-15.39	-16.35	-12.99	-11.14
135.00	-10.02	-14.78	-25.01	-17.48	-20.09	-20.70	-15.16	-14.11
150.00	-10.02	-14.72	-28.53	-19.55	-16.15	-14.79	-20.05	-16.82
165.00	-10.02	-14.66	-21.29	-16.81	-15.54	-14.46	-17.34	-17.37
180.00	-10.02	-14.28	-15.85	-14.38	-13.98	-16.31	-13.88	-12.60
195.00	-10.02	-12.03	-13.77	-12.60	-12.67	-20.56	-12.13	-7.21
210.00	-10.02	-10.39	-10.32	-10.29	-12.52	-15.12	-10.34	-3.72
225.00	-10.02	-9.24	-7.38	-9.25	-7.96	-7.95	-7.45	-2.24
240.00	-10.02	-7.77	-4.48	-7.31	-3.43	-5.90	-7.67	-1.00
255.00	-10.02	-6.19	-2.32	-5.54	-3.36	-1.72	0.50	3.33
270.00	-10.02	-6.01	-1.88	-5.27	-9.67	3.65	6.08	6.09
285.00	-10.02	-6.11	-3.59	-6.26	-9.60	1.82	4.26	5.31
300.00	-10.02	-6.75	-7.25	-6.45	-4.62	-2.12	-1.88	1.07
315.00	-10.02	-8.48	-11.01	-7.84	-5.73	-4.45	-5.40	-3.93
330.00	-10.02	-9.99	-13.55	-10.93	-9.02	-8.50	-10.71	-5.33
345.00	-10.02	-11.76	-15.35	-13.61	-11.58	-15.07	-12.16	-6.91
360.00	-10.02	-12.97	-16.62	-14.77	-12.85	-20.55	-12.43	-10.90

(continuation of the "RP_5250.000_tot" table from column 9 ...)

Azimuth (deg)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)
0.00	-10.05	-7.88	-13.85	-14.94
15.00	-18.15	-10.03	-13.65	-13.62
30.00	-13.21	-7.98	-10.44	-14.98
45.00	-13.74	-7.38	-11.03	-17.56
60.00	-13.51	-8.41	-10.83	-19.20
75.00	-13.60	-9.60	-9.80	-12.38
90.00	-17.91	-11.78	-9.07	-8.85
105.00	-17.07	-12.42	-8.98	-7.71
120.00	-13.84	-12.27	-10.38	-6.40
135.00	-11.14	-16.89	-10.09	-6.13
150.00	-11.99	-14.13	-9.59	-5.77
165.00	-15.15	-8.56	-10.14	-6.65
180.00	-16.04	-7.55	-10.64	-6.74
195.00	-13.52	-11.22	-7.77	-5.78
210.00	-8.99	-9.72	-6.08	-5.06
225.00	-6.59	-6.76	-6.88	-7.29
240.00	-3.44	-10.52	-8.20	-7.53
255.00	-1.15	-6.41	-7.01	-7.47
270.00	0.55	-9.25	-8.22	-8.19
285.00	0.70	-5.42	-18.74	-8.21
300.00	-0.77	-6.72	-10.12	-7.58
315.00	-0.74	-3.67	-11.91	-8.28
330.00	-4.16	-8.43	-15.75	-13.40
345.00	-5.73	-8.62	-11.14	-19.85
360.00	-10.05	-7.88	-13.85	-14.94

RP_5700.000_tot

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.00	-12.95	-13.60	-20.56	-17.01	-15.58	-18.62	-15.18	-16.61
15.00	-12.95	-14.73	-21.63	-19.12	-18.69	-18.54	-20.26	-20.19
30.00	-12.95	-15.61	-22.91	-23.17	-21.56	-19.33	-19.49	-18.99
45.00	-12.95	-16.61	-23.74	-18.88	-25.01	-18.74	-25.02	-21.06
60.00	-12.95	-19.03	-25.09	-18.45	-18.62	-19.66	-20.42	-18.77
75.00	-12.95	-19.57	-21.20	-25.01	-19.03	-20.16	-23.42	-17.67
90.00	-12.95	-17.23	-18.07	-23.49	-16.74	-20.18	-26.64	-15.08
105.00	-12.95	-17.47	-19.90	-16.25	-23.21	-24.02	-26.73	-26.26
120.00	-12.95	-16.79	-21.37	-15.04	-22.66	-23.41	-20.55	-14.91
135.00	-12.95	-15.94	-23.90	-19.22	-22.50	-24.77	-20.97	-19.31
150.00	-12.95	-14.73	-19.51	-19.90	-16.04	-21.58	-26.16	-16.94
165.00	-12.95	-13.74	-16.66	-17.87	-14.88	-18.15	-24.84	-16.98
180.00	-12.95	-13.70	-13.41	-15.86	-15.02	-17.94	-16.11	-16.38
195.00	-12.95	-12.08	-12.26	-13.69	-14.09	-14.81	-11.52	-12.69
210.00	-12.95	-11.31	-10.17	-12.00	-14.00	-15.19	-8.15	-7.69
225.00	-12.95	-10.60	-8.03	-12.02	-15.24	-11.88	-10.85	-7.21
240.00	-12.95	-9.27	-5.77	-11.23	-13.75	-7.68	-4.91	-4.79
255.00	-12.95	-8.59	-4.58	-10.30	-11.27	-2.13	1.24	0.58
270.00	-12.95	-7.93	-4.13	-10.01	-8.94	1.43	3.02	1.76
285.00	-12.95	-7.88	-5.43	-6.66	-8.87	-1.19	2.18	1.27
300.00	-12.95	-8.82	-7.31	-5.89	-7.34	-5.73	-2.05	-2.10
315.00	-12.95	-10.26	-9.37	-8.58	-10.33	-8.50	-10.15	-3.20
330.00	-12.95	-11.85	-13.85	-12.26	-14.17	-17.30	-9.84	-4.20
345.00	-12.95	-13.00	-17.76	-15.95	-13.52	-17.17	-11.68	-8.52
360.00	-12.95	-13.60	-20.56	-17.01	-15.58	-18.62	-15.18	-16.61

(continuation of the "RP_5700.000_tot" table from column 9 ...)

Azimuth (deg)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)
0.00	-10.57	-18.27	-11.89	-9.91
15.00	-11.08	-12.81	-14.23	-9.75
30.00	-11.05	-13.56	-11.46	-11.35
45.00	-12.43	-16.11	-9.47	-12.81
60.00	-15.74	-16.31	-10.68	-14.24
75.00	-21.54	-14.67	-11.31	-12.11
90.00	-21.09	-13.26	-12.12	-10.83
105.00	-22.76	-19.30	-11.94	-9.67
120.00	-25.22	-17.54	-12.29	-7.59
135.00	-18.92	-19.49	-14.62	-6.82
150.00	-11.84	-20.47	-13.97	-6.54
165.00	-12.07	-14.37	-11.26	-7.45
180.00	-10.91	-11.30	-9.66	-7.24
195.00	-11.09	-15.24	-10.59	-6.40
210.00	-9.22	-15.24	-8.84	-6.73
225.00	-9.73	-11.17	-8.11	-10.50
240.00	-8.25	-7.95	-10.86	-14.92
255.00	-3.79	-7.70	-12.10	-9.93
270.00	-1.20	-9.43	-5.12	-4.90
285.00	-4.03	-5.68	-4.71	-3.20
300.00	-8.06	-10.11	-6.29	-4.12
315.00	-8.48	-7.17	-7.21	-6.18
330.00	-10.33	-14.33	-9.19	-9.91
345.00	-12.40	-13.11	-8.95	-11.16
360.00	-10.57	-18.27	-11.89	-9.91

RP_5750.000_tot

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.00	-14.27	-14.61	-18.11	-16.00	-15.66	-18.00	-15.04	-16.59
15.00	-14.27	-16.01	-20.00	-20.64	-18.04	-18.23	-18.62	-21.35
30.00	-14.27	-17.06	-21.55	-25.65	-22.64	-20.71	-21.19	-19.45
45.00	-14.27	-18.64	-24.09	-19.38	-25.15	-19.06	-21.24	-19.69
60.00	-14.27	-21.54	-24.46	-18.98	-21.93	-19.98	-20.74	-20.20
75.00	-14.27	-22.16	-20.73	-25.31	-18.92	-21.82	-25.13	-20.65
90.00	-14.27	-20.34	-19.94	-20.65	-17.31	-24.11	-28.90	-13.94
105.00	-14.27	-18.43	-27.99	-17.94	-26.65	-21.17	-28.97	-28.41
120.00	-14.27	-17.40	-25.01	-14.71	-24.78	-24.59	-20.96	-15.60
135.00	-14.27	-16.62	-24.34	-18.82	-22.02	-29.23	-21.64	-19.20
150.00	-14.27	-14.47	-21.29	-20.20	-16.56	-22.47	-24.95	-15.66
165.00	-14.27	-14.59	-16.46	-19.37	-14.45	-18.75	-23.86	-15.99
180.00	-14.27	-13.47	-14.12	-16.98	-14.49	-18.33	-17.39	-15.29
195.00	-14.27	-12.98	-11.81	-14.50	-13.92	-15.39	-11.00	-12.10
210.00	-14.27	-12.21	-10.33	-12.50	-13.90	-14.75	-8.23	-7.67
225.00	-14.27	-10.97	-8.64	-12.28	-15.35	-13.12	-10.65	-7.13
240.00	-14.27	-9.61	-6.61	-11.00	-15.77	-7.64	-4.95	-5.21
255.00	-14.27	-9.02	-5.45	-10.99	-11.59	-2.52	1.30	0.09
270.00	-14.27	-8.45	-5.13	-10.57	-8.24	0.88	2.45	1.45
285.00	-14.27	-8.84	-5.86	-6.76	-9.40	-1.56	1.66	0.84
300.00	-14.27	-9.25	-7.14	-6.23	-8.09	-5.55	-2.60	-2.14
315.00	-14.27	-10.09	-9.37	-8.30	-11.83	-8.91	-9.35	-3.59
330.00	-14.27	-11.64	-13.68	-12.95	-15.03	-19.29	-8.23	-4.74
345.00	-14.27	-13.48	-16.48	-15.39	-14.54	-18.00	-10.99	-8.61
360.00	-14.27	-14.61	-18.11	-16.00	-15.66	-18.00	-15.04	-16.59

(continuation of the "RP_5750.000_tot" table from column 9 ...)

Azimuth (deg)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)
0.00	-10.67	-17.39	-10.99	-9.81
15.00	-11.85	-14.16	-12.43	-10.80
30.00	-11.05	-17.20	-11.71	-11.20
45.00	-13.18	-19.32	-9.88	-12.24
60.00	-16.76	-16.67	-10.75	-14.43
75.00	-20.55	-15.14	-11.76	-11.90
90.00	-20.96	-13.43	-13.47	-10.13
105.00	-22.25	-19.66	-13.25	-9.01
120.00	-21.84	-17.98	-11.71	-7.69
135.00	-18.89	-17.75	-14.06	-7.24
150.00	-12.33	-19.83	-12.12	-6.79
165.00	-13.02	-16.25	-11.83	-6.69
180.00	-11.89	-11.80	-10.26	-6.57
195.00	-10.90	-15.80	-11.42	-5.53
210.00	-10.47	-14.35	-10.28	-6.09
225.00	-10.54	-10.58	-8.41	-9.22
240.00	-8.61	-8.17	-9.66	-12.21
255.00	-4.75	-7.48	-11.02	-10.63
270.00	-1.98	-8.36	-4.49	-5.93
285.00	-4.93	-5.75	-4.07	-3.85
300.00	-8.02	-9.55	-6.00	-4.76
315.00	-8.35	-7.16	-7.04	-6.28
330.00	-10.08	-11.98	-8.81	-9.30
345.00	-11.04	-13.62	-8.77	-10.58
360.00	-10.67	-17.39	-10.99	-9.81

RP_5800.000_tot

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.00	-12.50	-15.16	-17.29	-15.74	-14.67	-16.00	-14.32	-14.70
15.00	-12.50	-16.40	-18.80	-20.03	-18.11	-18.43	-20.19	-18.99
30.00	-12.50	-17.63	-20.28	-22.02	-20.35	-18.92	-20.86	-18.92
45.00	-12.50	-18.47	-21.65	-18.38	-30.14	-18.47	-19.98	-19.00
60.00	-12.50	-18.94	-18.40	-18.11	-23.63	-21.14	-21.87	-18.00
75.00	-12.50	-19.90	-20.59	-26.25	-19.23	-23.83	-24.33	-19.76
90.00	-12.50	-19.14	-20.78	-23.50	-15.84	-22.80	-25.16	-13.60
105.00	-12.50	-18.51	-26.30	-16.97	-25.04	-21.97	-22.45	-22.65
120.00	-12.50	-16.04	-23.77	-14.38	-23.39	-22.79	-19.46	-15.98
135.00	-12.50	-15.34	-25.90	-17.99	-26.09	-31.39	-21.75	-17.83
150.00	-12.50	-14.45	-20.18	-22.74	-15.52	-21.50	-19.21	-14.13
165.00	-12.50	-13.78	-17.28	-19.06	-14.85	-19.59	-26.24	-16.95
180.00	-12.50	-14.24	-14.14	-15.50	-14.06	-17.60	-15.81	-14.42
195.00	-12.50	-12.75	-11.75	-13.89	-12.11	-14.32	-10.76	-11.10
210.00	-12.50	-11.98	-10.60	-11.10	-12.88	-12.80	-7.77	-7.25
225.00	-12.50	-11.51	-8.16	-11.25	-14.92	-11.53	-9.41	-6.38
240.00	-12.50	-9.62	-6.32	-9.52	-17.80	-7.15	-3.38	-4.30
255.00	-12.50	-8.51	-5.51	-9.75	-11.51	-1.88	2.52	0.54
270.00	-12.50	-8.40	-4.84	-9.98	-7.66	1.17	2.89	2.30
285.00	-12.50	-8.49	-4.84	-5.89	-8.64	-0.89	2.02	1.41
300.00	-12.50	-9.09	-6.37	-5.31	-8.10	-4.42	-2.52	-1.80
315.00	-12.50	-9.58	-8.52	-8.26	-10.86	-8.42	-8.23	-2.93
330.00	-12.50	-11.74	-12.47	-12.94	-14.81	-18.95	-6.45	-4.24
345.00	-12.50	-13.37	-15.35	-14.48	-13.56	-16.13	-9.74	-8.00
360.00	-12.50	-15.16	-17.29	-15.74	-14.67	-16.00	-14.32	-14.70

(continuation of the "RP_5800.000_tot" table from column 9 ...)

Azimuth (deg)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)
0.00	-9.71	-15.49	-9.66	-10.28
15.00	-10.85	-13.79	-11.66	-10.56
30.00	-10.22	-19.59	-10.79	-11.30
45.00	-12.86	-17.75	-9.93	-12.82
60.00	-17.87	-15.19	-9.69	-13.24
75.00	-20.09	-14.63	-10.87	-12.03
90.00	-18.31	-12.42	-12.93	-10.45
105.00	-22.01	-20.20	-11.82	-8.98
120.00	-17.45	-16.56	-10.62	-7.60
135.00	-19.27	-16.73	-12.36	-6.90
150.00	-12.34	-21.59	-11.85	-5.68
165.00	-12.71	-16.46	-10.26	-6.07
180.00	-12.45	-11.04	-9.17	-5.93
195.00	-10.90	-14.41	-11.72	-4.20
210.00	-10.82	-13.71	-12.60	-4.73
225.00	-11.90	-8.72	-8.66	-7.45
240.00	-9.10	-7.31	-7.85	-9.10
255.00	-5.07	-6.51	-8.20	-9.73
270.00	-1.79	-6.91	-3.07	-6.14
285.00	-4.60	-5.10	-2.63	-3.97
300.00	-6.96	-8.44	-4.67	-4.85
315.00	-7.53	-6.85	-6.00	-6.46
330.00	-9.12	-10.81	-7.63	-9.02
345.00	-9.99	-12.99	-7.69	-10.63
360.00	-9.71	-15.49	-9.66	-10.28

RP_5850.000_tot

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.00	-10.65	-13.55	-16.81	-14.83	-14.03	-14.61	-12.61	-12.94
15.00	-10.65	-14.74	-16.84	-16.44	-16.38	-16.84	-17.03	-18.43
30.00	-10.65	-16.55	-18.75	-20.60	-20.30	-16.71	-21.19	-17.68
45.00	-10.65	-17.84	-18.07	-17.05	-24.30	-16.59	-18.43	-16.07
60.00	-10.65	-19.52	-18.22	-17.48	-19.54	-20.34	-18.53	-15.68
75.00	-10.65	-17.87	-17.52	-29.03	-16.86	-19.74	-22.25	-17.44
90.00	-10.65	-19.05	-20.23	-24.96	-15.12	-24.40	-24.98	-11.87
105.00	-10.65	-18.47	-22.58	-17.85	-24.49	-21.39	-18.86	-18.56
120.00	-10.65	-17.53	-21.44	-13.70	-22.12	-20.12	-18.30	-13.35
135.00	-10.65	-15.39	-19.70	-17.49	-22.41	-22.22	-17.27	-15.93
150.00	-10.65	-14.16	-18.56	-23.99	-14.57	-19.84	-17.48	-12.42
165.00	-10.65	-14.25	-16.47	-16.42	-13.69	-19.81	-21.79	-16.30
180.00	-10.65	-13.68	-13.43	-14.23	-12.48	-16.71	-15.42	-14.43
195.00	-10.65	-11.89	-10.86	-13.04	-11.35	-12.99	-10.51	-10.15
210.00	-10.65	-11.54	-9.63	-10.88	-10.75	-10.93	-6.64	-5.87
225.00	-10.65	-10.01	-7.43	-9.81	-13.96	-10.35	-8.20	-5.68
240.00	-10.65	-8.46	-6.26	-7.84	-15.38	-5.80	-1.25	-3.28
255.00	-10.65	-7.53	-4.81	-7.61	-10.35	-0.71	3.83	1.77
270.00	-10.65	-6.96	-4.48	-8.71	-6.29	1.82	3.69	3.64
285.00	-10.65	-7.15	-4.29	-4.47	-8.11	-0.18	2.56	2.47
300.00	-10.65	-7.58	-5.17	-4.08	-7.33	-3.03	-2.06	-1.36
315.00	-10.65	-8.66	-7.51	-7.54	-11.39	-8.09	-5.89	-2.36
330.00	-10.65	-10.32	-10.96	-11.99	-15.67	-18.46	-4.32	-3.60
345.00	-10.65	-11.70	-14.13	-13.76	-12.62	-14.93	-8.21	-7.88
360.00	-10.65	-13.55	-16.81	-14.83	-14.03	-14.61	-12.61	-12.94

(continuation of the "RP_5850.000_tot" table from column 9 ...)

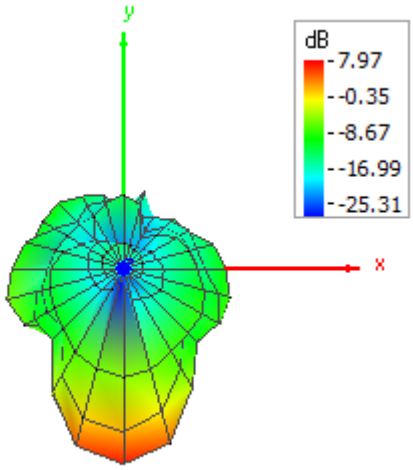
Azimuth (deg)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)
0.00	-8.84	-13.21	-7.91	-8.94
15.00	-10.19	-13.08	-9.10	-9.75
30.00	-8.99	-16.31	-9.67	-10.87
45.00	-12.43	-14.68	-8.70	-11.46
60.00	-19.15	-12.81	-8.54	-12.48
75.00	-19.65	-12.81	-9.89	-11.07
90.00	-16.49	-12.08	-12.05	-10.09
105.00	-19.05	-17.99	-10.63	-7.81
120.00	-15.22	-16.53	-9.63	-6.87
135.00	-21.91	-13.99	-10.39	-5.85
150.00	-13.03	-18.64	-10.78	-4.62
165.00	-13.78	-18.45	-9.37	-4.79
180.00	-11.51	-10.26	-7.43	-4.31
195.00	-10.68	-13.21	-9.78	-2.76
210.00	-10.53	-11.14	-15.00	-3.47
225.00	-12.90	-6.64	-7.36	-5.59
240.00	-10.02	-6.46	-4.80	-7.10
255.00	-5.16	-5.03	-4.94	-8.27
270.00	-1.70	-5.05	-1.30	-6.44
285.00	-4.34	-4.22	-0.53	-3.60
300.00	-5.40	-7.54	-3.27	-4.61
315.00	-6.29	-5.90	-4.87	-6.28
330.00	-8.10	-10.06	-6.02	-9.12
345.00	-7.89	-11.51	-6.15	-10.31
360.00	-8.84	-13.21	-7.91	-8.94

3.2 Radiation Pattern

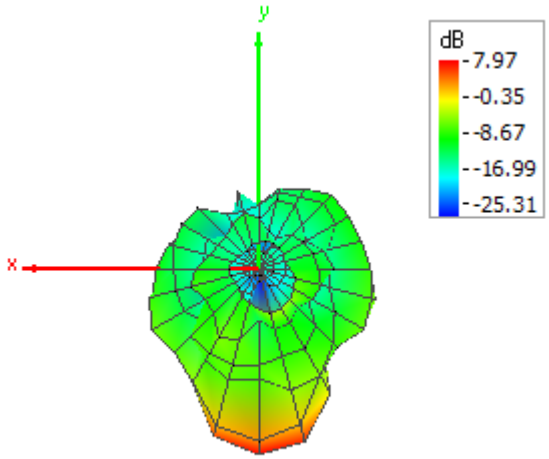
ANT1:

5150 MHz 3D

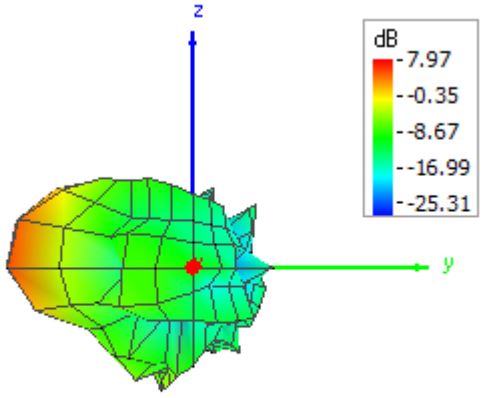
Theta = 0, Phi = 0



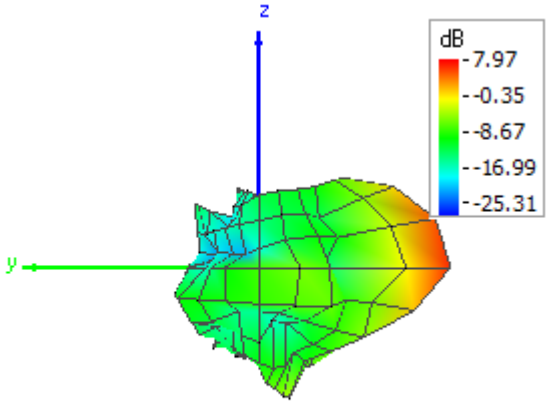
Theta = 180, Phi = 0



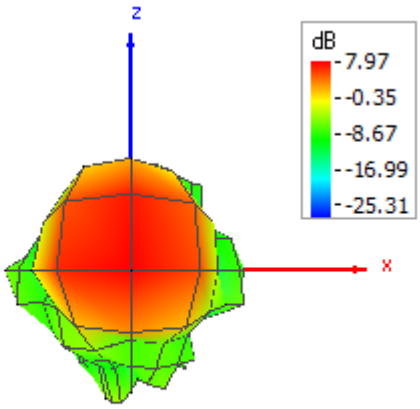
Theta = 90, Phi = 0



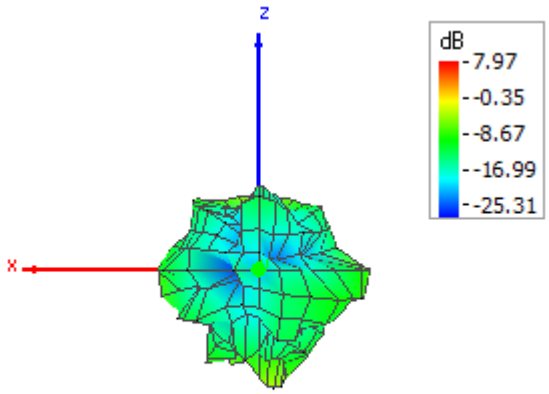
Theta = 90, Phi = 180



Theta = 90, Phi = 270

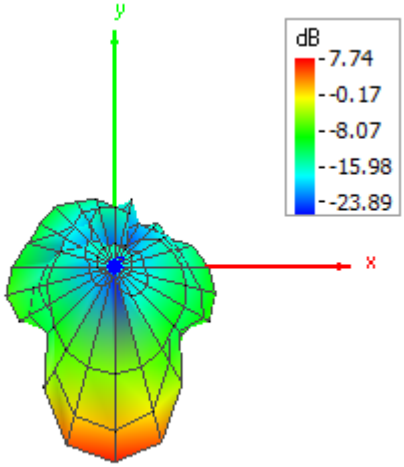


Theta = 90, Phi = 90

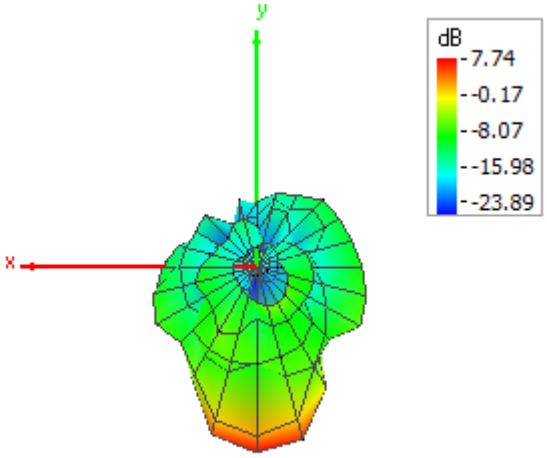


5200 MHz 3D

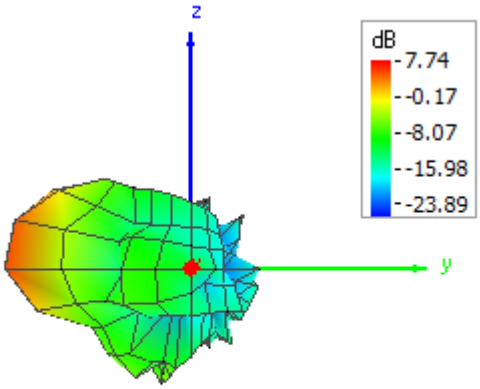
Theta = 0, Phi = 0



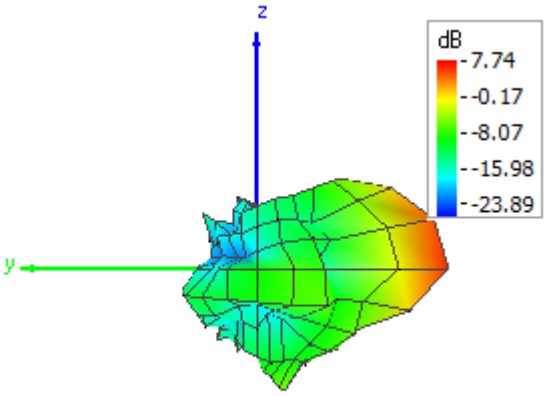
Theta = 180, Phi = 0



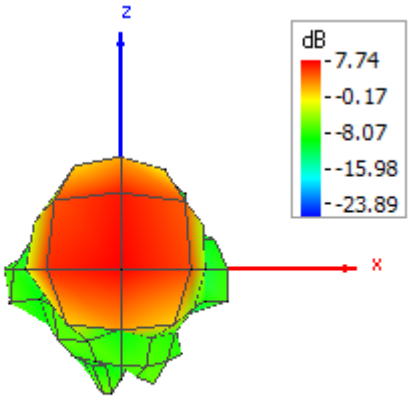
Theta = 90, Phi = 0



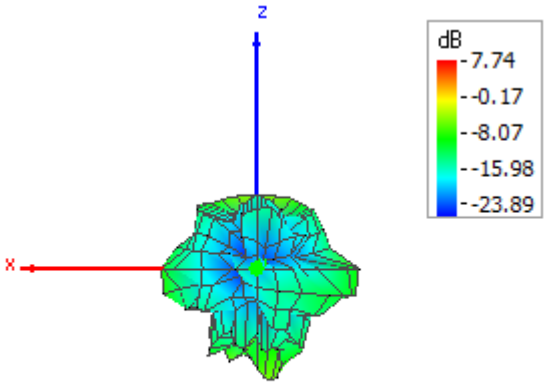
Theta = 90, Phi = 180



Theta = 90, Phi = 270

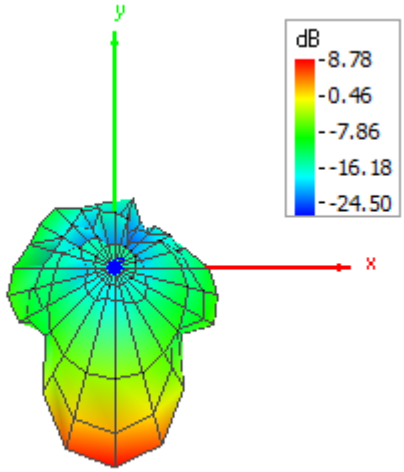


Theta = 90, Phi = 90

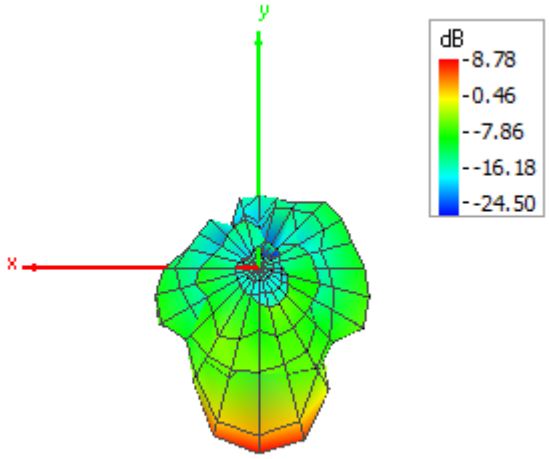


5250 MHz 3D

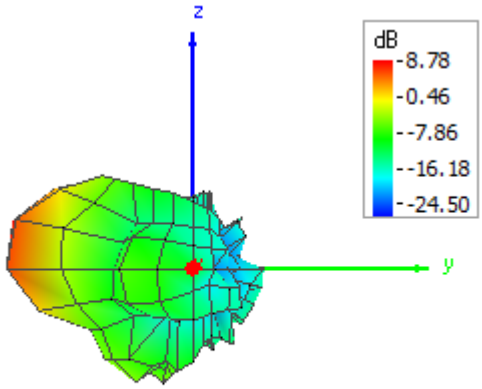
Theta = 0, Phi = 0



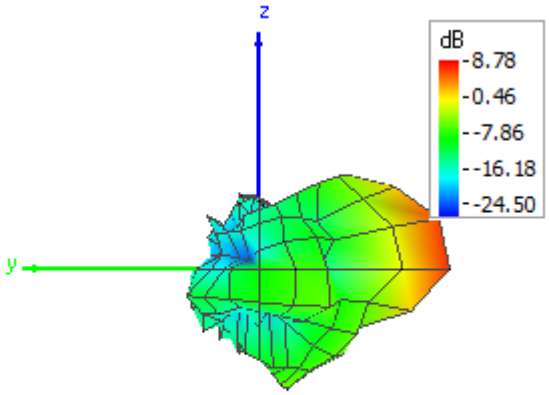
Theta = 180, Phi = 0



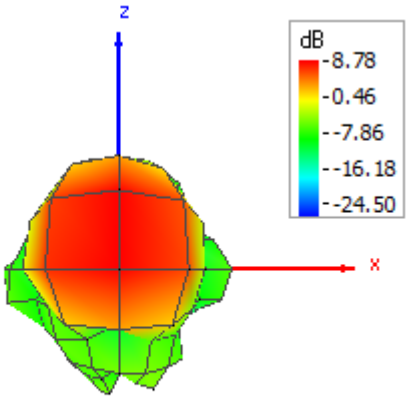
Theta = 90, Phi = 0



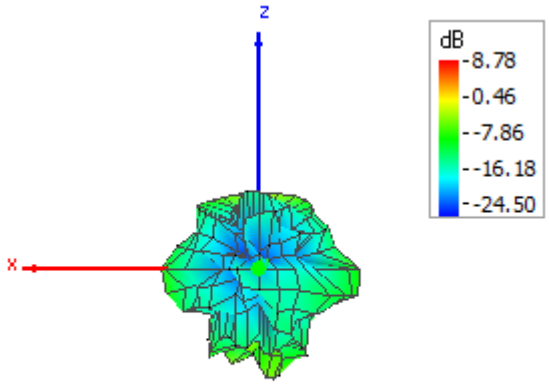
Theta = 90, Phi = 180



Theta = 90, Phi = 270

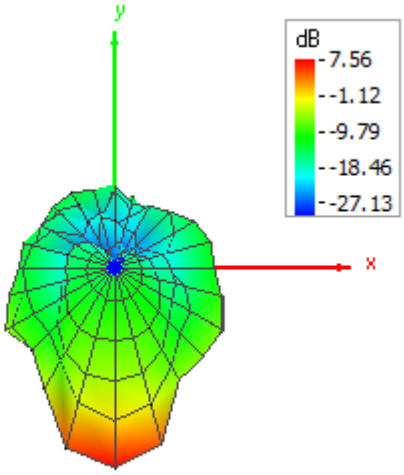


Theta = 90, Phi = 90

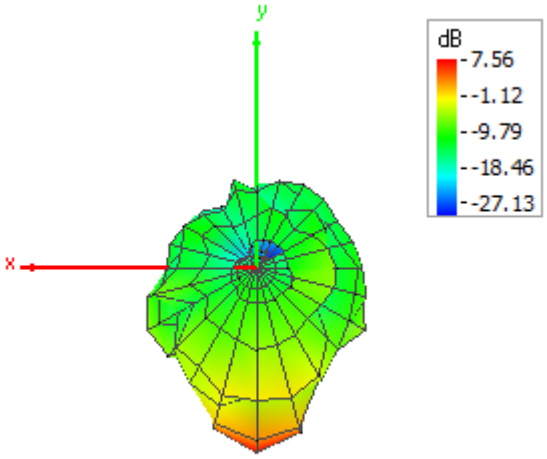


5700 MHz 3D

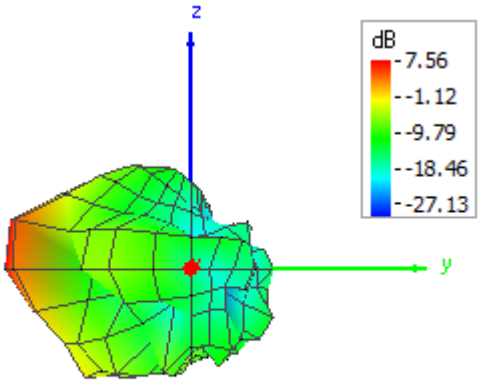
Theta = 0, Phi = 0



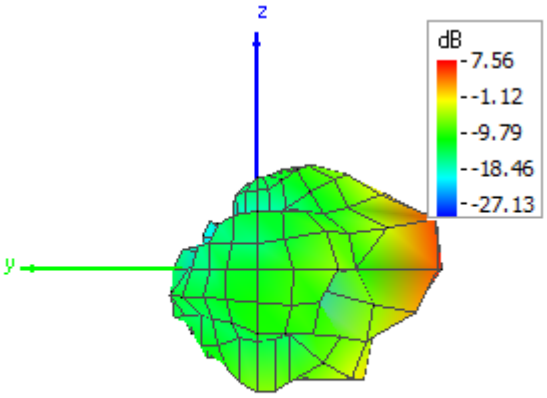
Theta = 180, Phi = 0



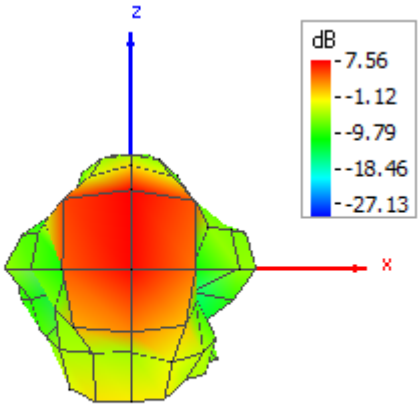
Theta = 90, Phi = 0



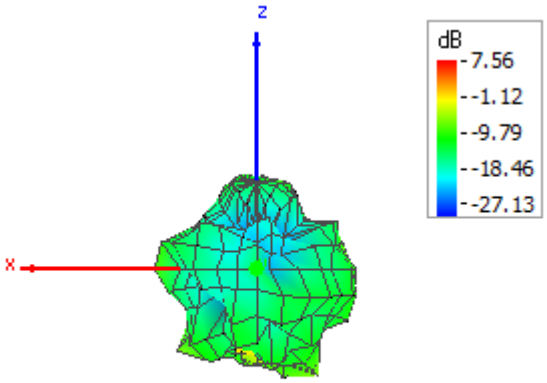
Theta = 90, Phi = 180



Theta = 90, Phi = 270

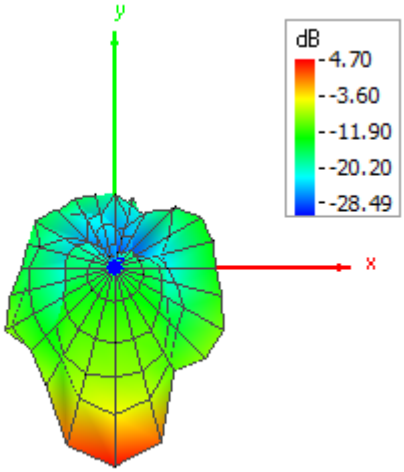


Theta = 90, Phi = 90

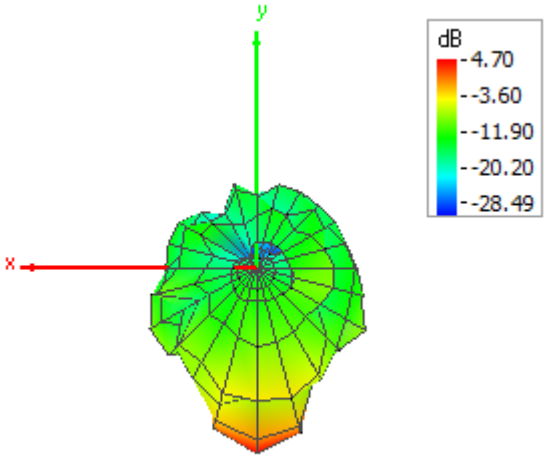


5750 MHz 3D

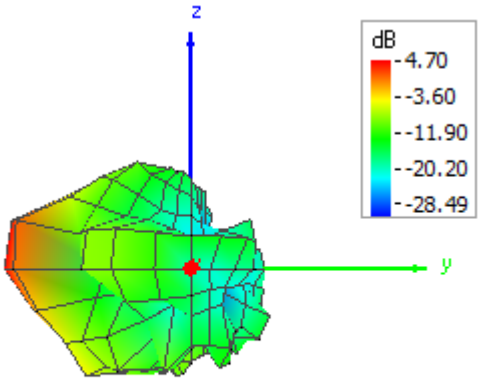
Theta = 0, Phi = 0



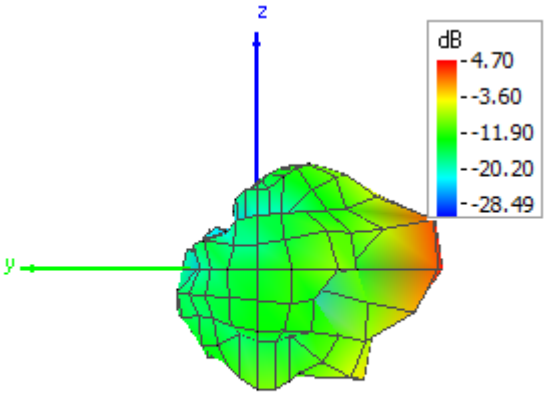
Theta = 180, Phi = 0



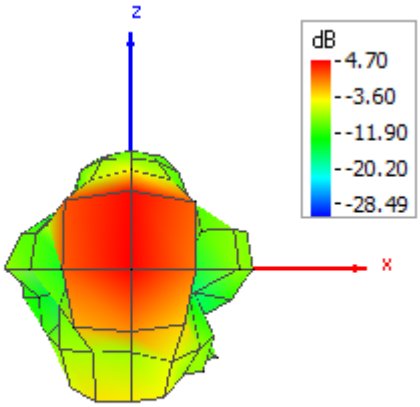
Theta = 90, Phi = 0



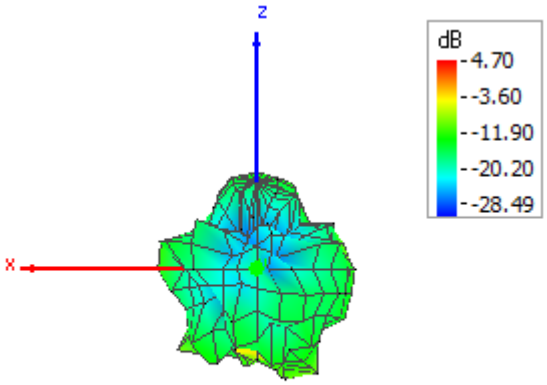
Theta = 90, Phi = 180



Theta = 90, Phi = 270

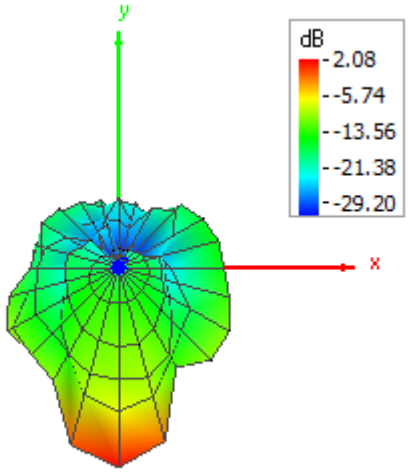


Theta = 90, Phi = 90

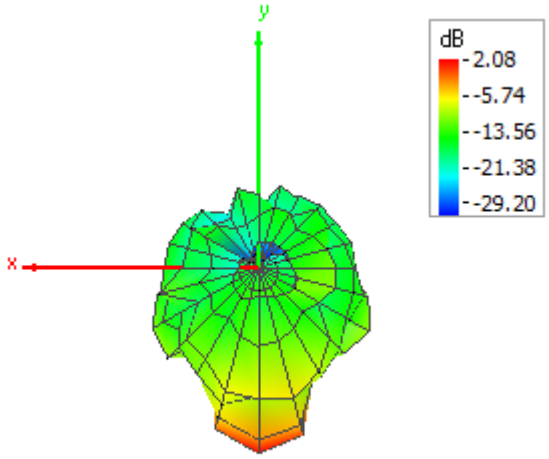


5800 MHz 3D

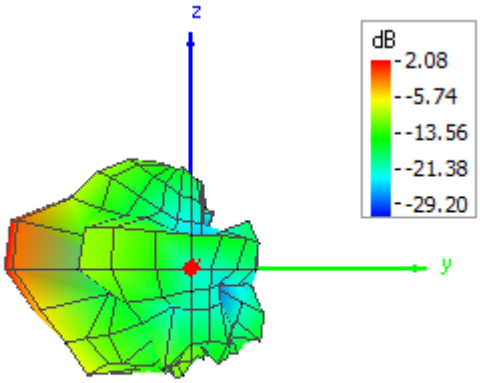
Theta = 0, Phi = 0



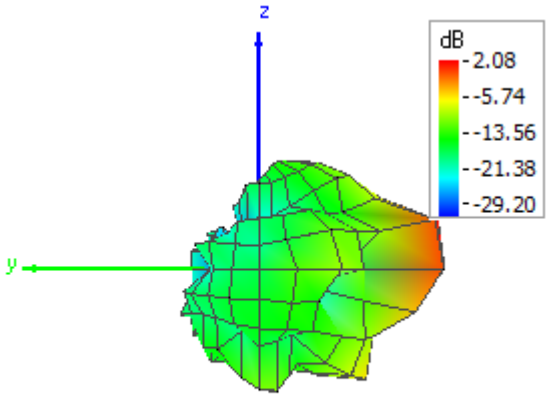
Theta = 180, Phi = 0



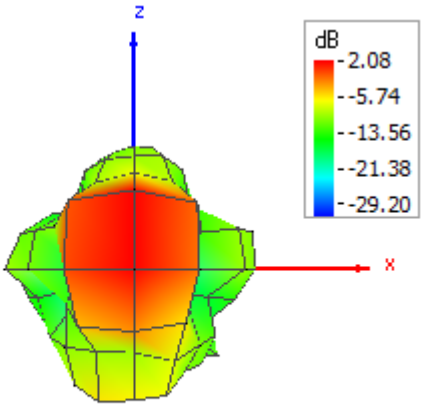
Theta = 90, Phi = 0



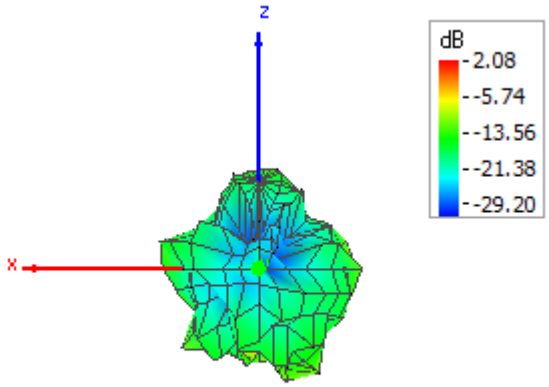
Theta = 90, Phi = 180



Theta = 90, Phi = 270

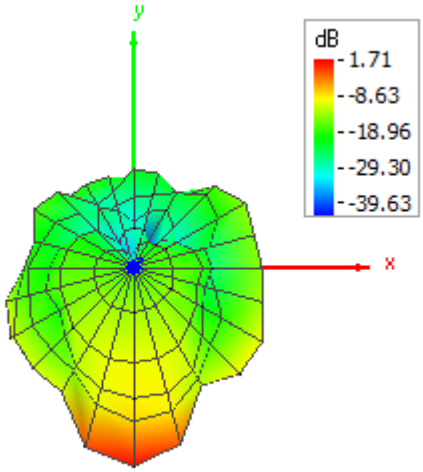


Theta = 90, Phi = 90

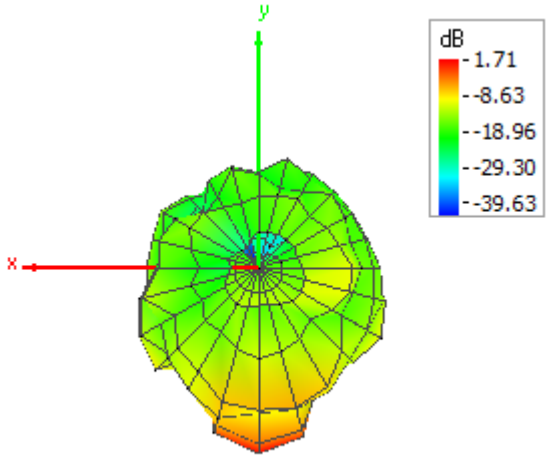


5850 MHz 3D

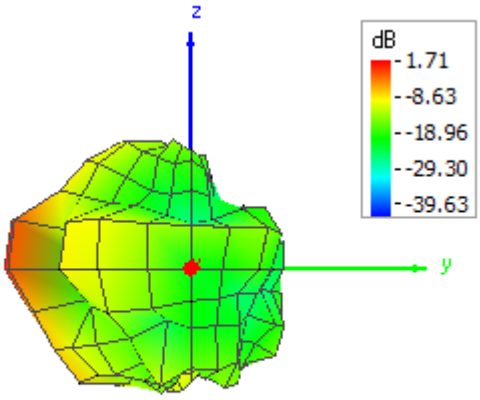
Theta = 0, Phi = 0



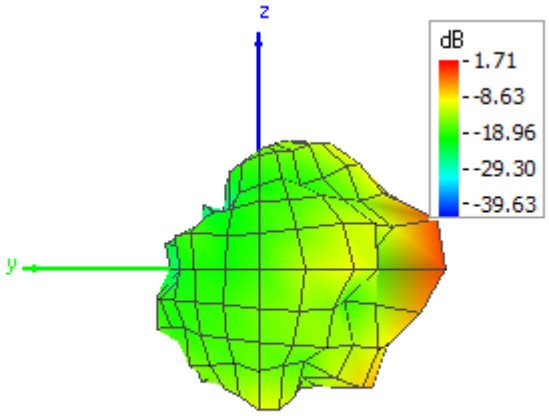
Theta = 180, Phi = 0



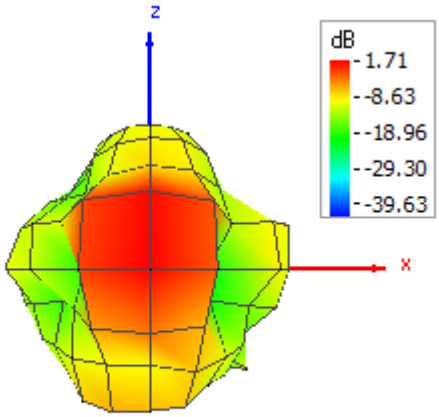
Theta = 90, Phi = 0



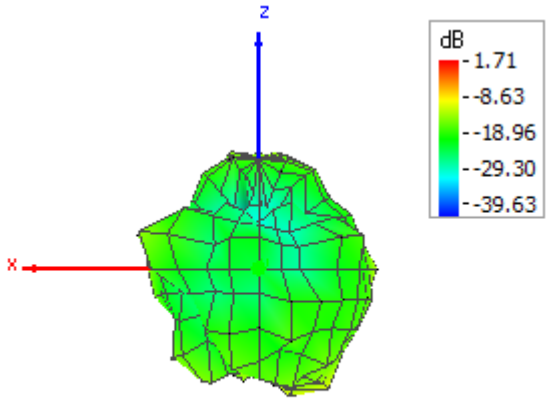
Theta = 90, Phi = 180



Theta = 90, Phi = 270



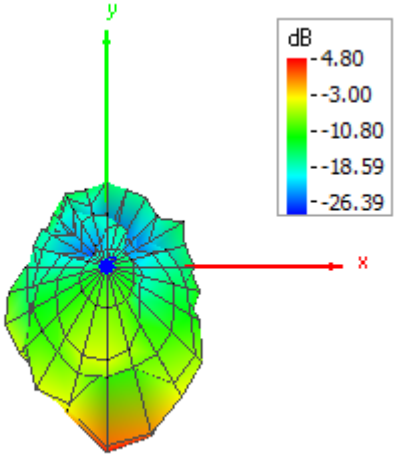
Theta = 90, Phi = 90



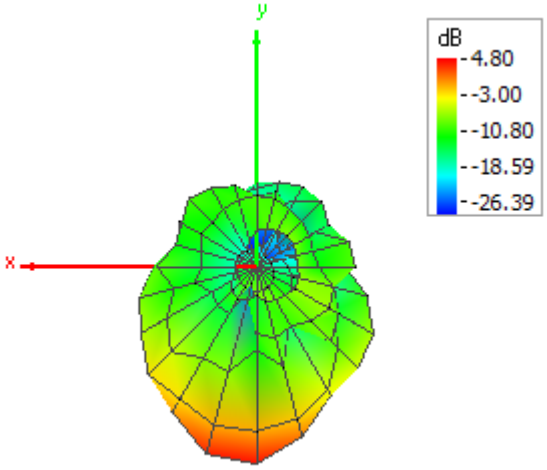
ANT2:

5150 MHz 3D

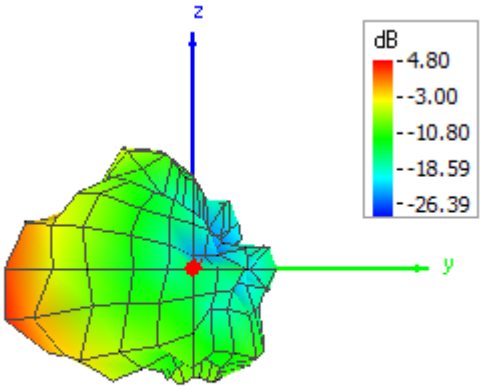
Theta = 0, Phi = 0



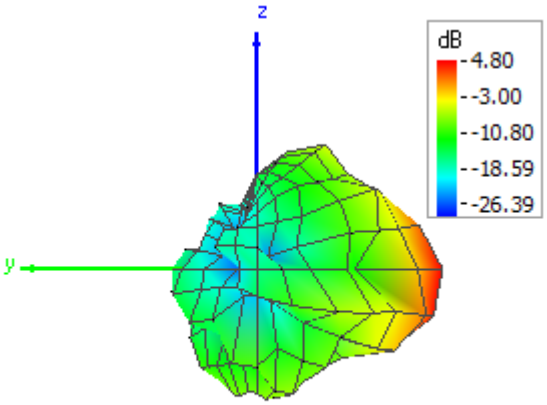
Theta = 180, Phi = 0



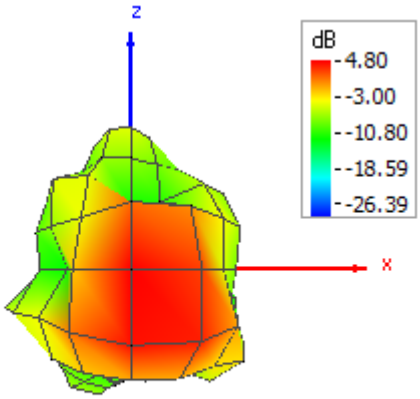
Theta = 90, Phi = 0



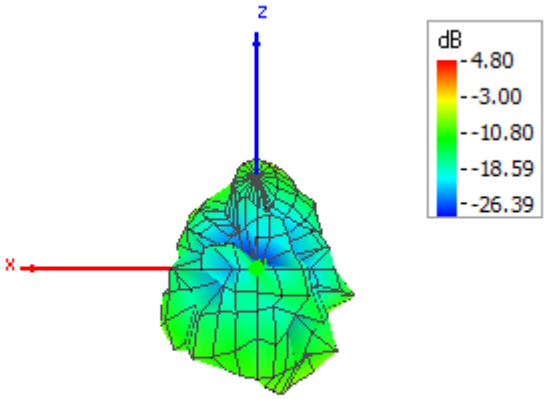
Theta = 90, Phi = 180



Theta = 90, Phi = 270

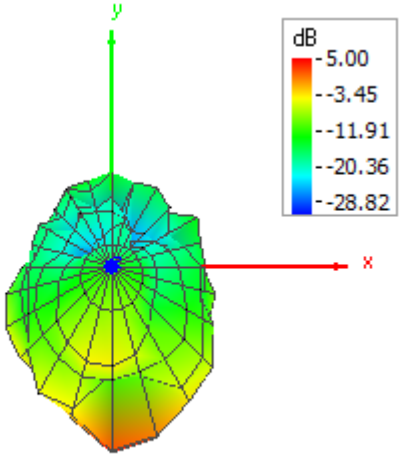


Theta = 90, Phi = 90

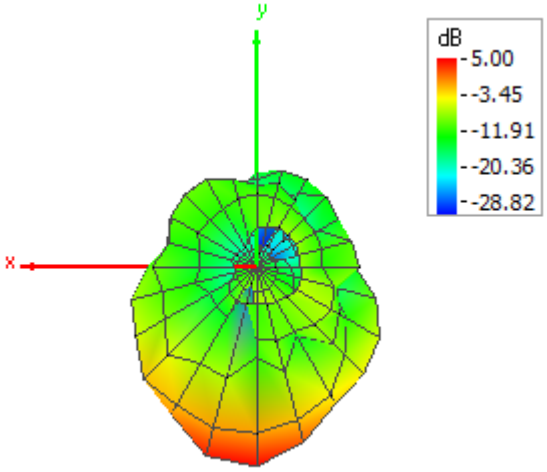


5200 MHz 3D

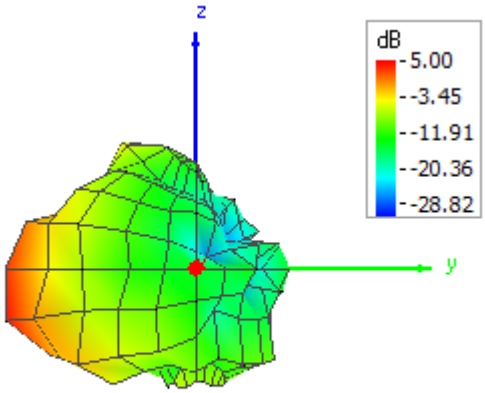
Theta = 0, Phi = 0



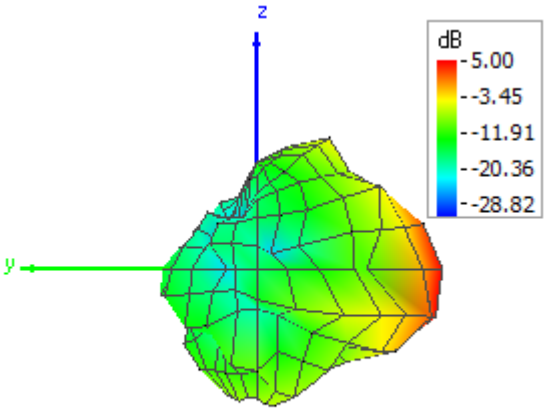
Theta = 180, Phi = 0



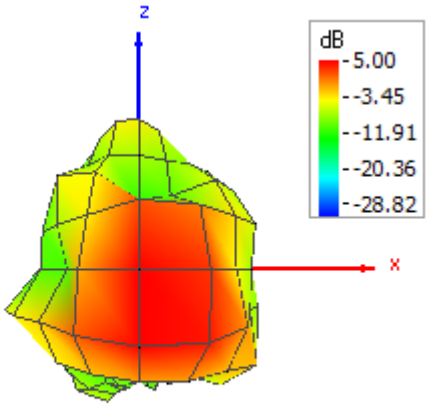
Theta = 90, Phi = 0



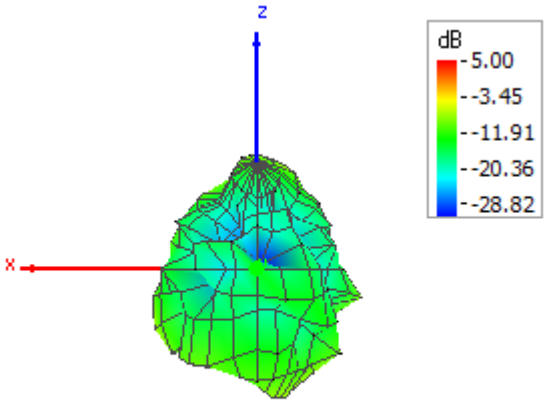
Theta = 90, Phi = 180



Theta = 90, Phi = 270

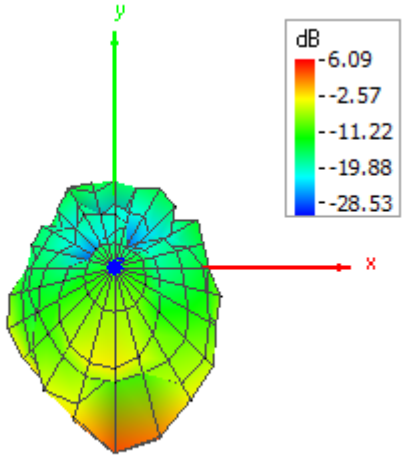


Theta = 90, Phi = 90

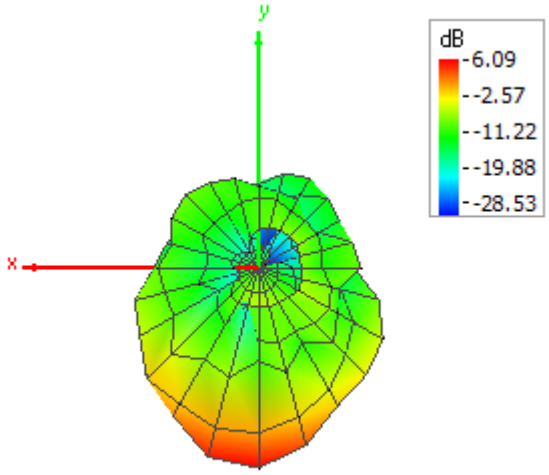


5250 MHz 3D

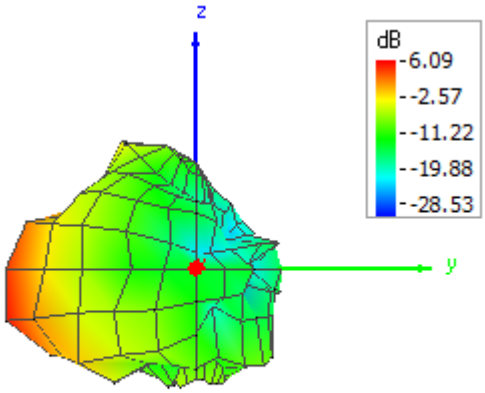
Theta = 0, Phi = 0



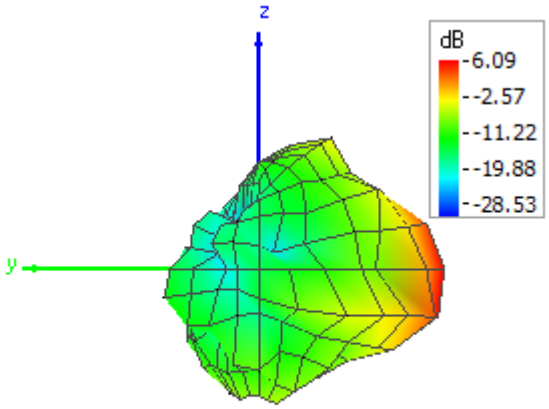
Theta = 180, Phi = 0



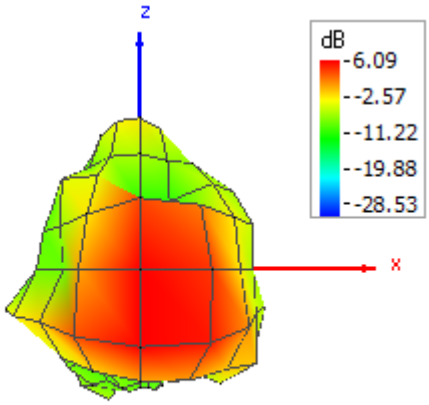
Theta = 90, Phi = 0



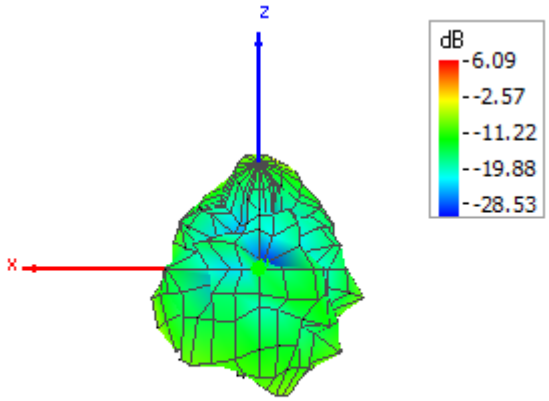
Theta = 90, Phi = 180



Theta = 90, Phi = 270

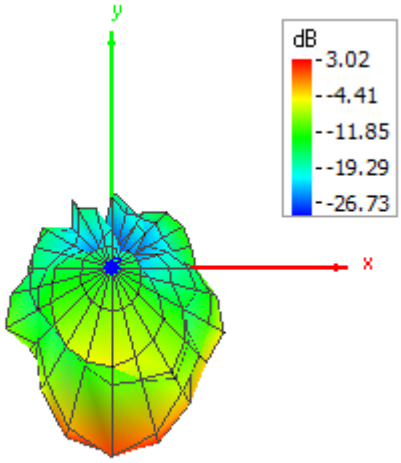


Theta = 90, Phi = 90

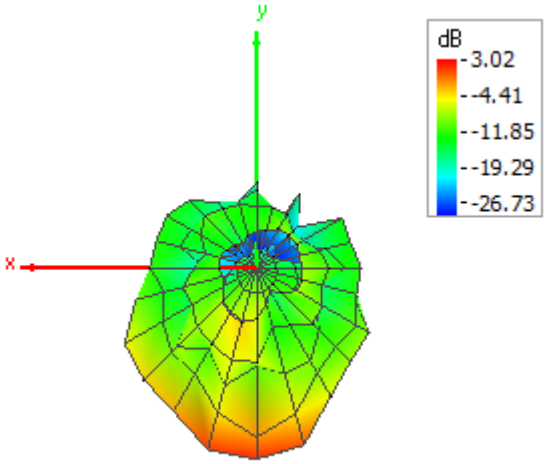


5700 MHz 3D

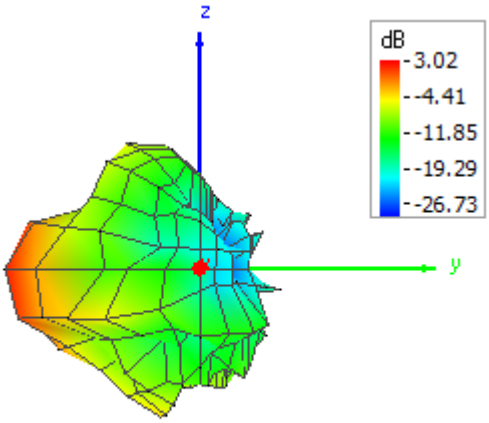
Theta = 0, Phi = 0



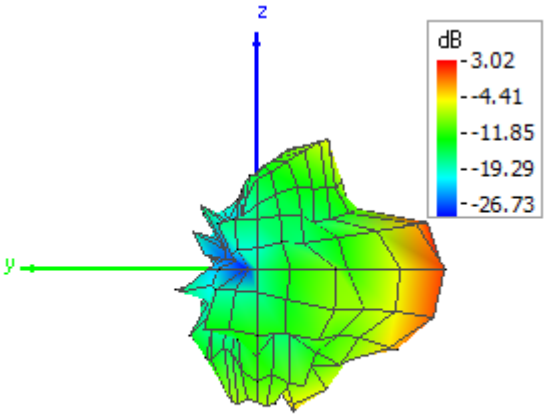
Theta = 180, Phi = 0



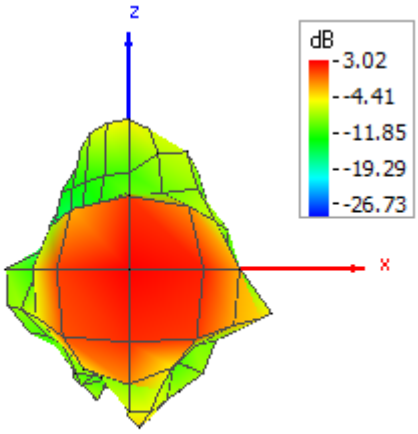
Theta = 90, Phi = 0



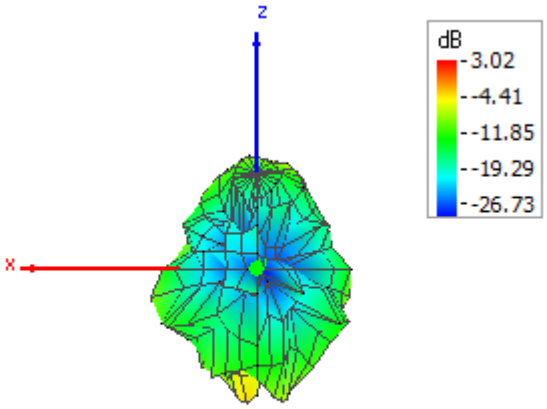
Theta = 90, Phi = 180



Theta = 90, Phi = 270

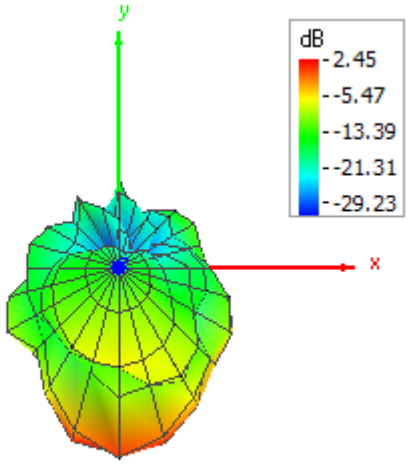


Theta = 90, Phi = 90

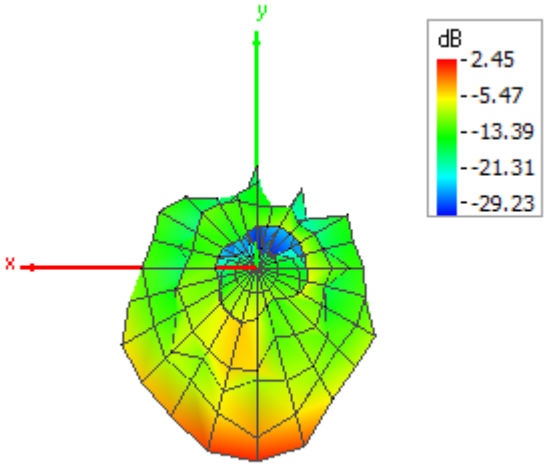


5750 MHz 3D

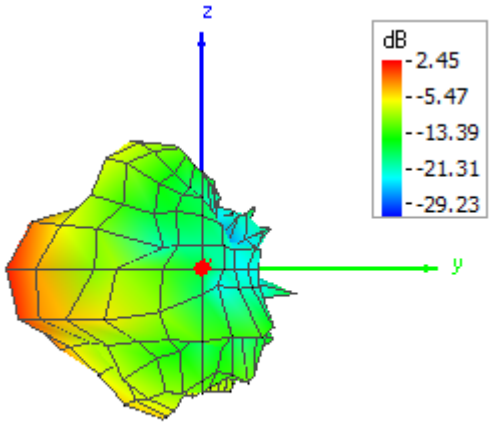
Theta = 0, Phi = 0



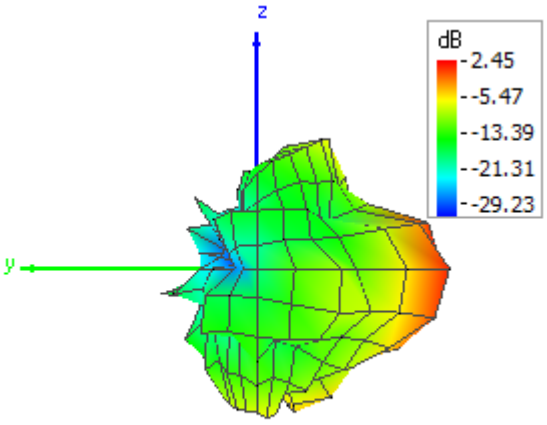
Theta = 180, Phi = 0



Theta = 90, Phi = 0



Theta = 90, Phi = 180



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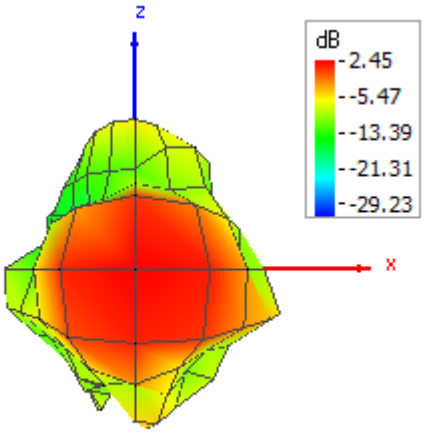

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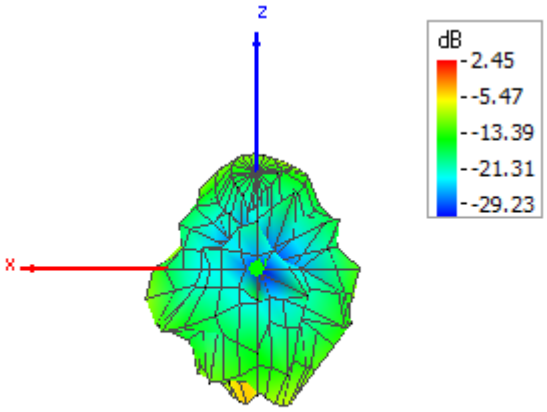
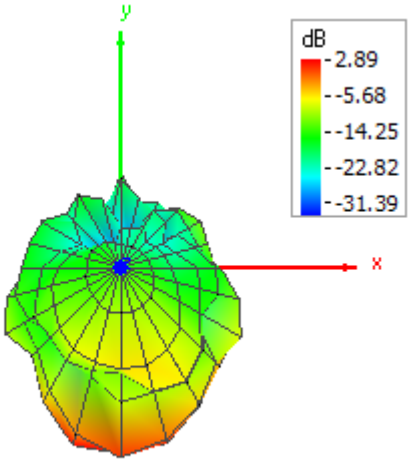
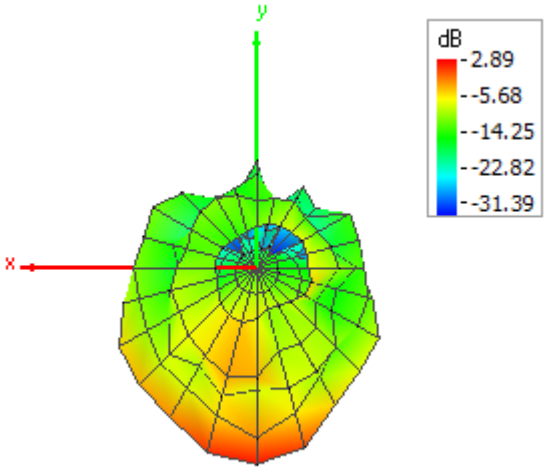


5800 MHz 3D

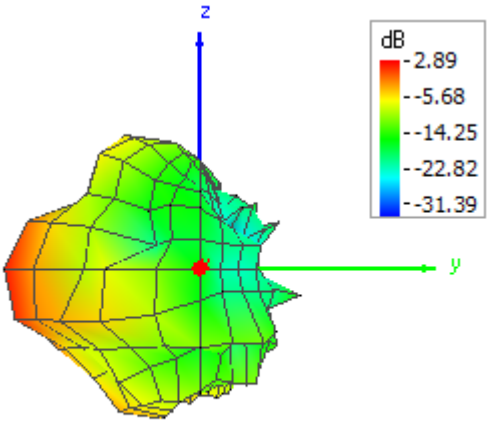
Theta = 0, Phi = 0



Theta = 180, Phi = 0



Theta = 90, Phi = 0



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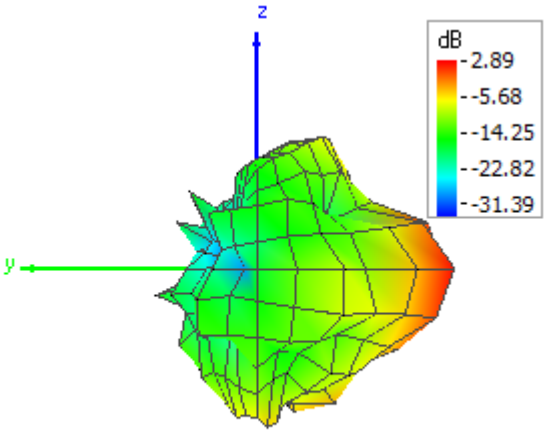
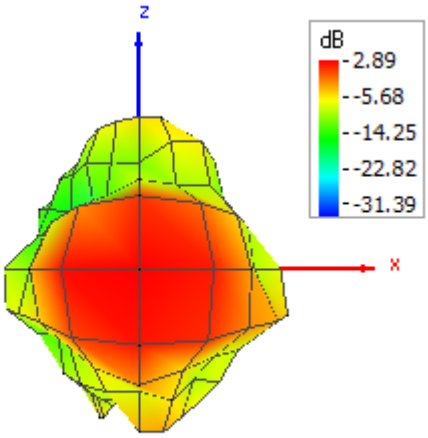


Theta = 90, Phi = 270



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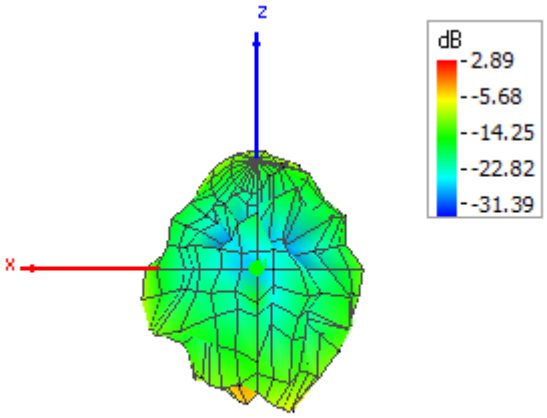
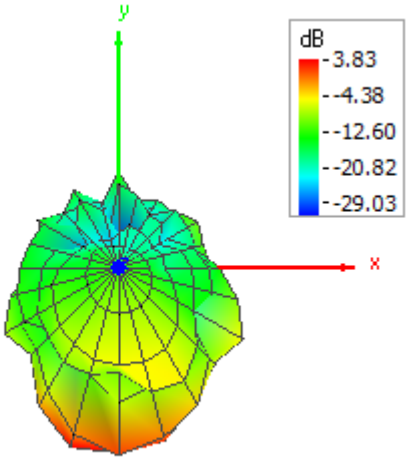
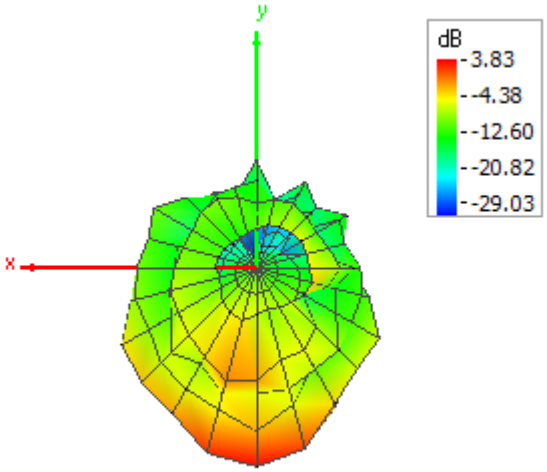


5850 MHz 3D

Theta = 0, Phi = 0



Theta = 180, Phi = 0



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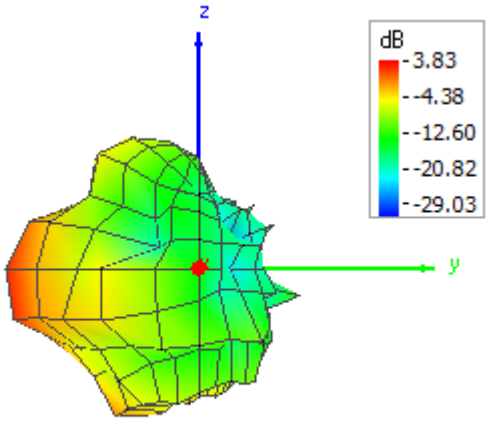

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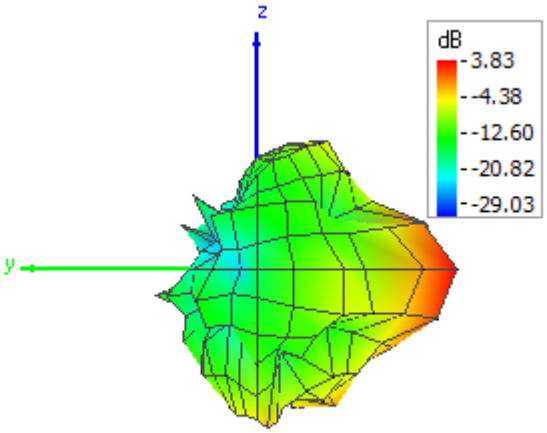
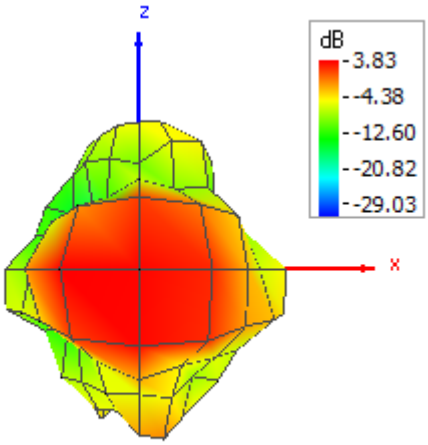


Theta = 90, Phi = 270



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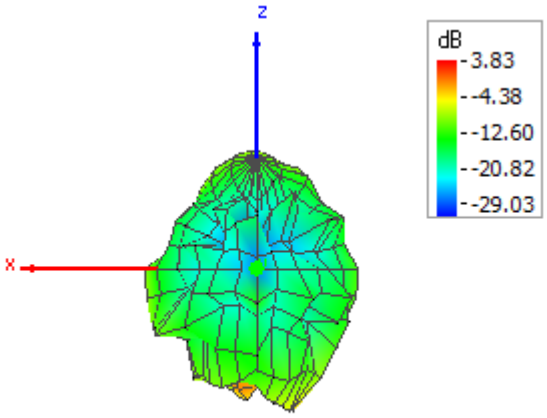
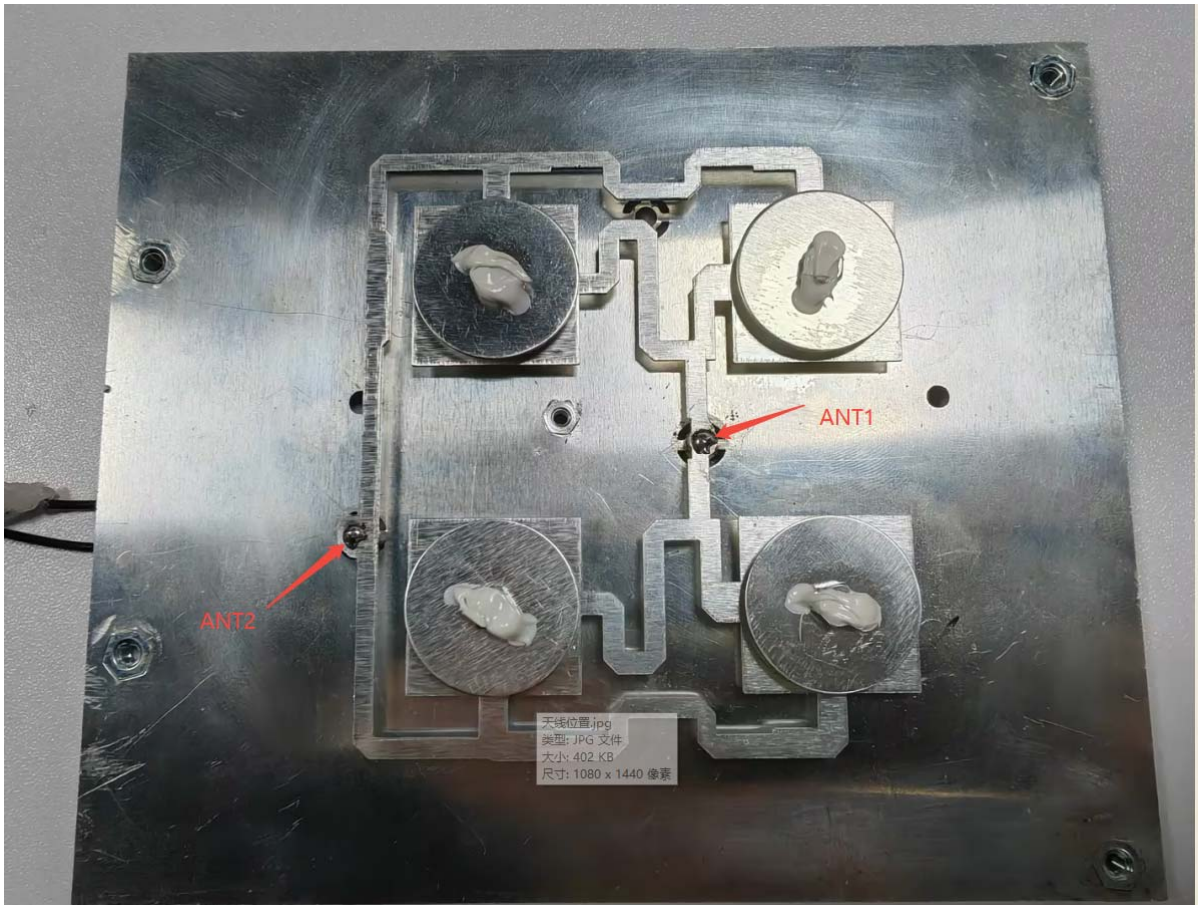
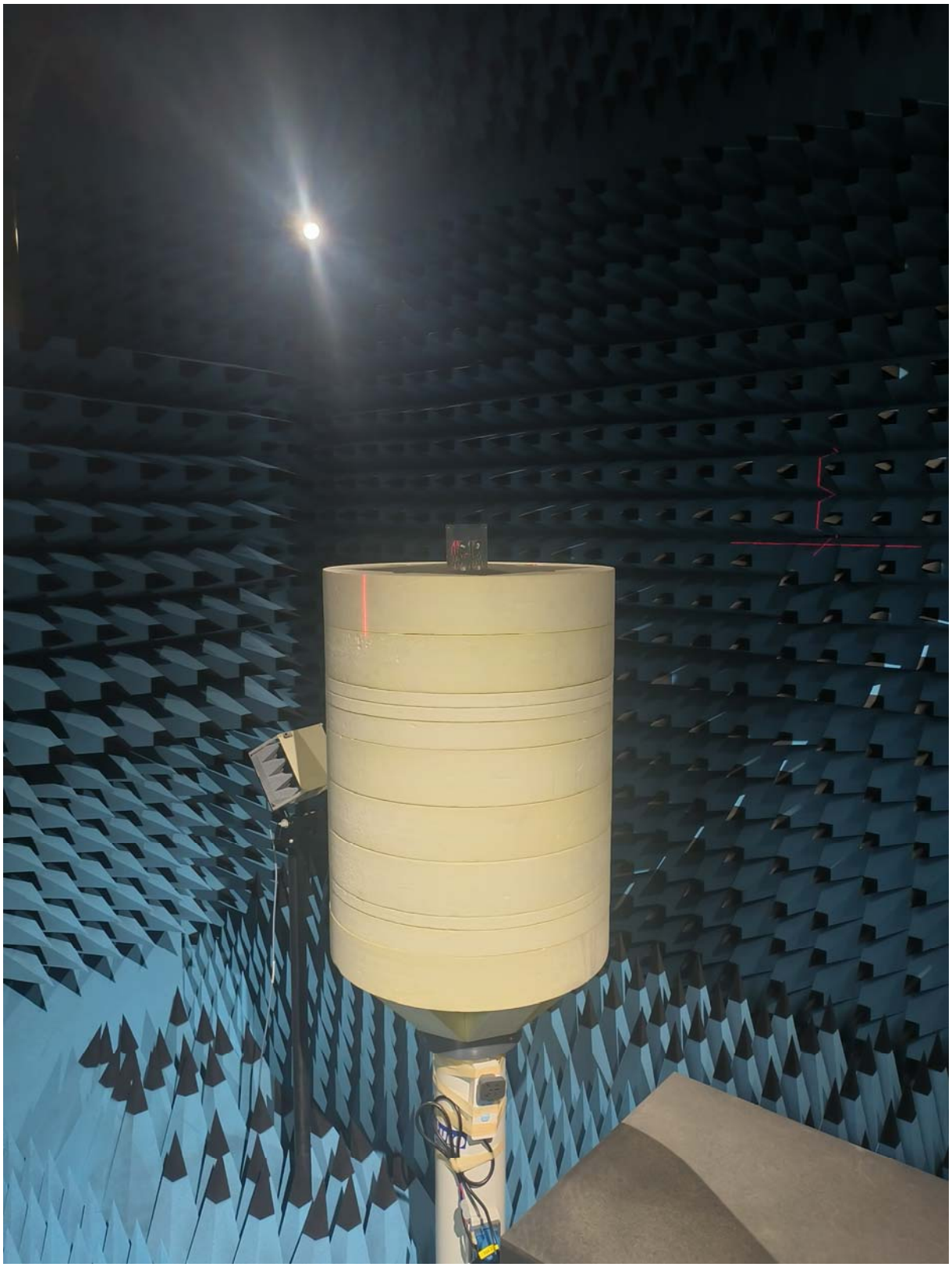


4. EUT PHOTOGRAPHS

Antenna



5. TEST SETUP PHOTOGRAPHS



===== END OF REPORT =====