ANTENNA TEST REPORT

Manufacturer:	**FJ Dynamics Co.,Ltd.**
Address:	Floor 21, Das Tower, No. 28, 1st South Keji Road, Nanshan District, Shenzhen, China
Product Name:	**4G + WIFI+GNSS Combo Antenna**
Product Model:	**Y0FJZ00A1BA**
Report Number:	**2503R04812E-RF**
Date Of Issue:	**2025/7/18**
Reviewed By :	**Luke Yuan** Luke Yuan
Title:	OTA Engineer
Approved By:	**Sun Zhong** Sun Zhong
Title:	Manager
Test Laboratory:	**China Certification ICT Co., Ltd (Dongguan)** No. 113, Pingkang Road, Dalang Town, Dongguan, Guangdong, China Tel: +86-769-83085888 www.ccttt.com.cn

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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Each test item follows the test standard(s) without deviation.

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	2503R04812E-RF	Original Report	2025/7/18

1. GENERAL INFORMATION

Product Name:	4G + WIFI+GNSS Combo Antenna
Product Model:	Y0FJZ00A1BA
Antenna Type:	N/A
Test Items:	Gain; Efficiency; 3D Pattern
Test Frequency (MHz):	ANT 1: 2402, 2437, 2480, 5180, 5200, 5240, 5260, 5280, 5320, 5500, 5580, 5720, 5745, 5785, 5825 ANT 2: 660, 680, 700, 720, 740, 760, 780, 800, 820, 840, 860, 1710, 1730, 1750, 1770, 1790, 1850, 1870, 1890, 1910, 1930, 2490, 2510, 2530, 2550, 2570, 2590, 2610, 2630, 2650, 2670, 2690
Sample Number:	30OU-1
EUT Received Date:	2025/3/28
EUT Received Status:	Good

2. TEST CONFIGURATIONS

2.1 Test Environment

Temperature (℃)	25.6-26.8
Humidity (%RH)	42.1-52
Atmospheric Pressure (kPa)	99.5-101.1
Tester	Leo Li
Test Date	2025/4/16-2025/7/18

2.2 Test Equipment

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Vector Network Analyzer	ZNB-8	1311601044104250	2025/2/10	2026/2/9
R&S	Cross-Pol.Vivald i-ANT	TC-TA18	200256	N/A	N/A
R&S	Switch Controller	OSP320	1528.3111K02\101442	N/A	N/A
R&S	Switch Controller	OSP320	1528.3105K03\101666	N/A	N/A
maturo	Turntable controllers	NCD/536/3082..01	N/A	N/A	N/A
R&S	Test Software	AMS32	11.40.00	N/A	N/A
R&S	Test System	TS8991	N/A	N/A	N/A

** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

2.3 Test Specification

IEEE Std 149-2021

2.4 Test Uncertainty

Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Parameter	Measurement Uncertainty
Passive	1.82 dB
VSWR(S11)	0.57 dB

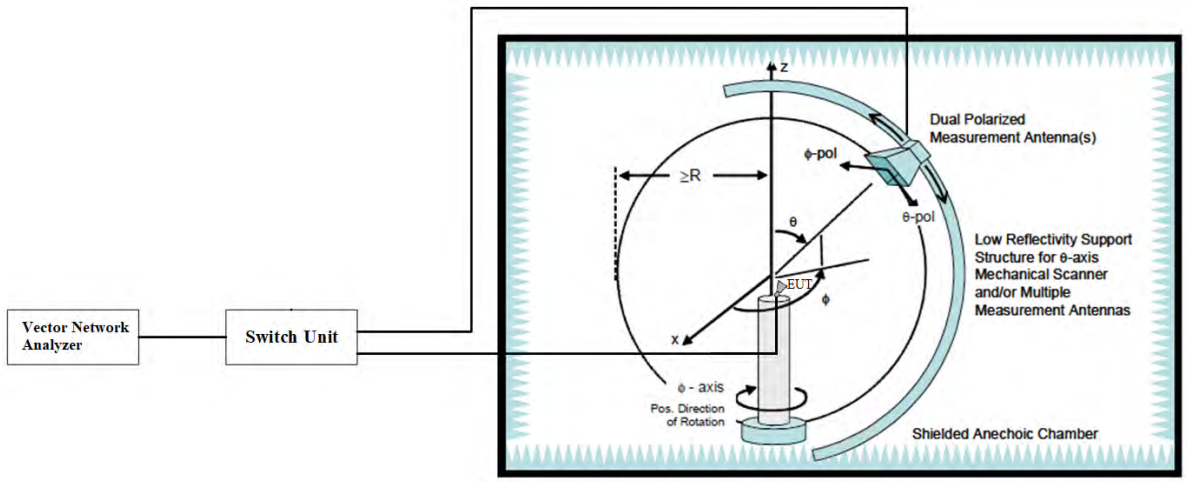
2.5 Test Measurement System

Conical-cut method is used to measure EUT in OTA qualified anechoic chamber. The Conical Cut method requires the ability of the Measurement Antenna to be physically rotated in the theta plane(overhead) of the EUT for implementations using a single Measurement Antenna. Eleven conical cuts are required to capture data at every 15 degrees from the EUT, with the top (0 degrees) and bottom (180 degrees) cuts not being measured. Typically, the EUT will remain affixed to a turntable during the entire measurement process. The Measurement Antenna will be positioned at a starting theta angle. The EUT will then be rotated around the full 360 degrees of phi rotation. The Measurement Antenna will then be positioned at the next theta angle, and the process repeated.

Measurements of the radiated transmit power and receiver sensitivity should be recorded in both E-theta and E-phi polarizations simultaneously to reduce measurement uncertainties due to EUT repositioning.

2.6 Test Setup

2.6.1 Antenna Gain, Efficiency and Radiation Pattern Test Setup



3. TEST RESULTS

3.1 Gain and Efficiency

ANT 1:

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
2402.00	10.43	-3.95
2437.00	29.44	-0.62
2480.00	33.84	-0.66
5180.00	14.51	-2.08
5200.00	16.17	-1.85
5240.00	12.89	-2.61
5260.00	14.00	-1.90
5280.00	14.00	-1.80
5320.00	11.76	-2.52
5500.00	5.44	-5.33
5580.00	3.91	-5.74
5720.00	20.24	-0.33
5745.00	21.80	-0.17
5785.00	22.15	0.37
5825.00	17.93	-0.43

ANT 2:

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
660.00	17.67	-4.27
680.00	12.46	-5.54
700.00	11.87	-4.12
720.00	15.64	-1.41
740.00	27.78	1.41
760.00	25.38	0.81
780.00	27.78	1.14
800.00	35.40	2.70
820.00	39.82	3.48
840.00	43.93	3.81
860.00	44.98	3.07
1710.00	61.82	1.63
1730.00	63.43	1.65
1750.00	50.29	0.94
1770.00	45.54	0.63
1790.00	43.63	0.80
1850.00	14.63	-3.98
1870.00	20.33	-2.13
1890.00	25.60	-0.11
1910.00	21.67	-0.66
1930.00	34.17	2.11
2490.00	23.42	2.49
2510.00	24.34	2.89
2530.00	22.98	2.54
2550.00	21.94	2.39
2570.00	25.71	3.01
2590.00	26.22	3.16
2610.00	26.82	3.22
2630.00	30.03	3.45
2650.00	31.80	3.45
2670.00	33.06	2.91
2690.00	34.94	3.25

3.2 Radiation Pattern

ANT 1:

2402 MHz 3D

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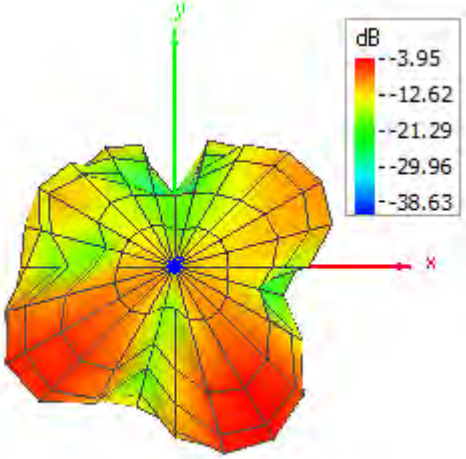

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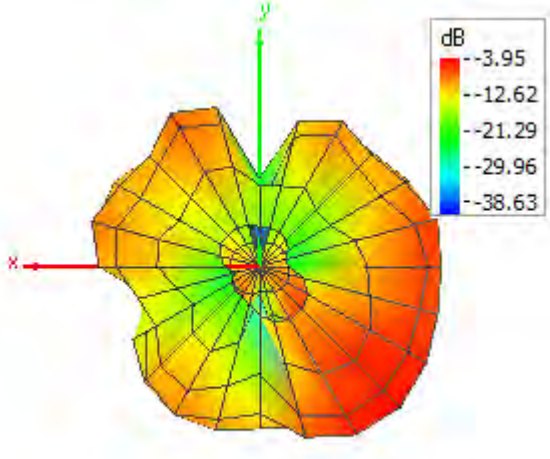

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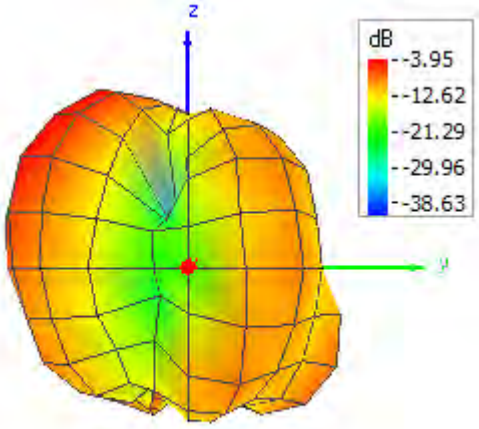

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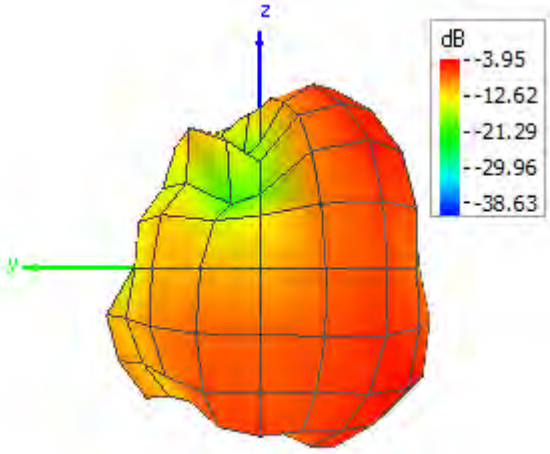
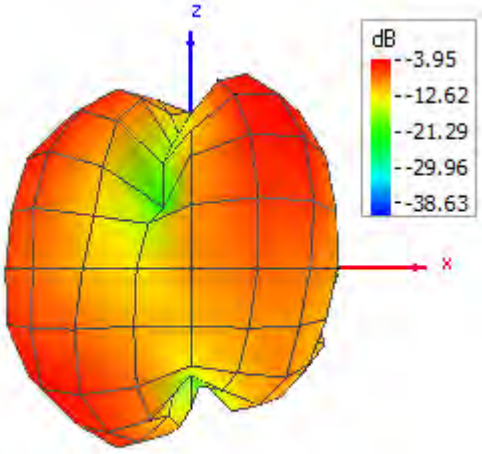


Theta = 90, Phi = 270



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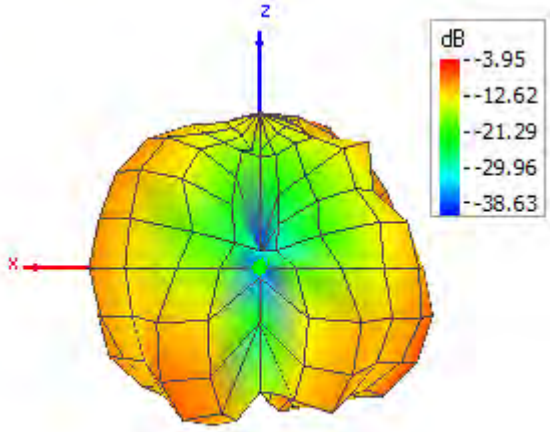

2437 MHz 3D

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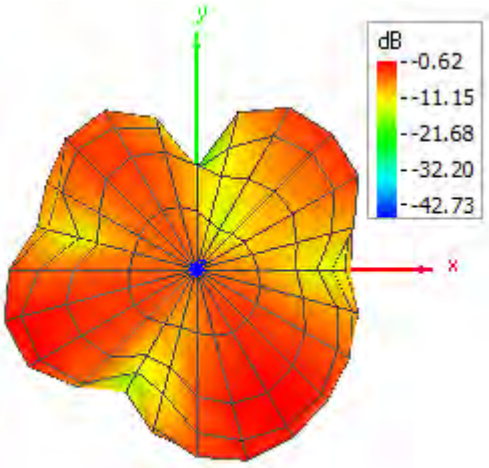

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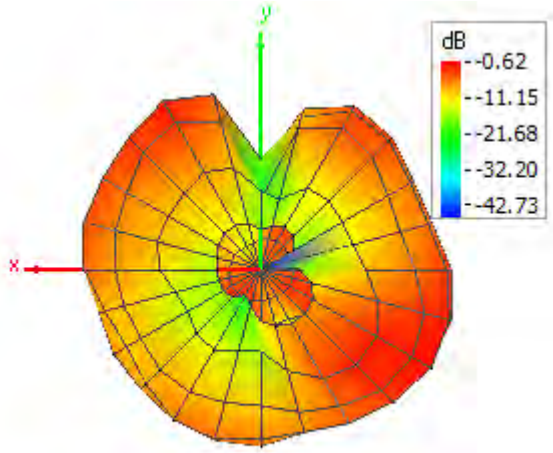

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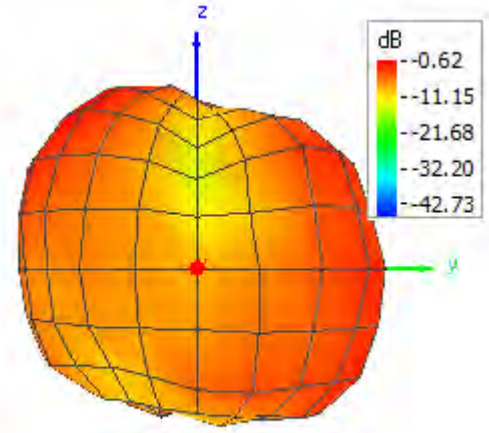

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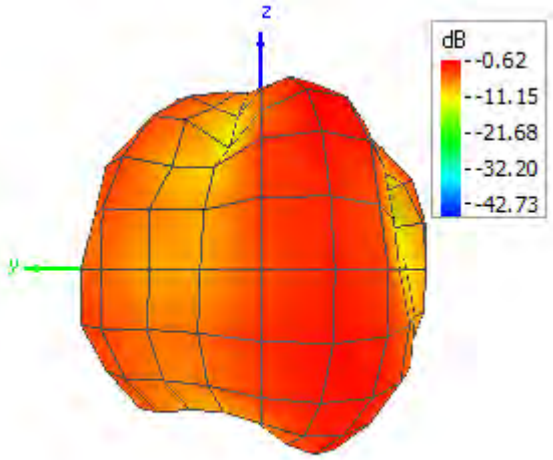

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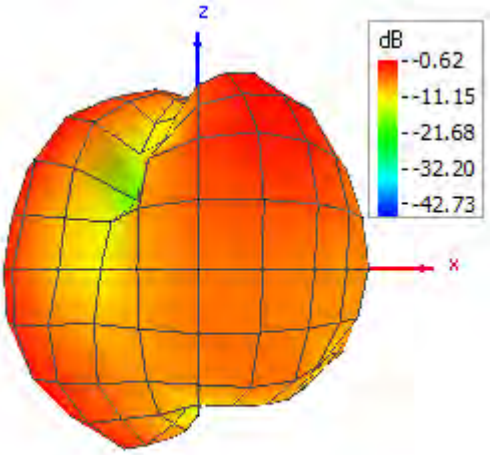

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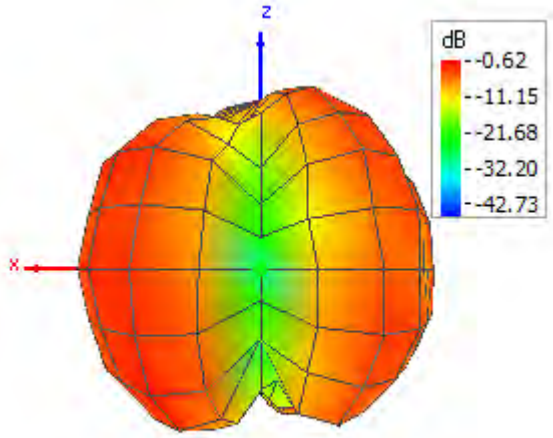

2480 MHz 3D

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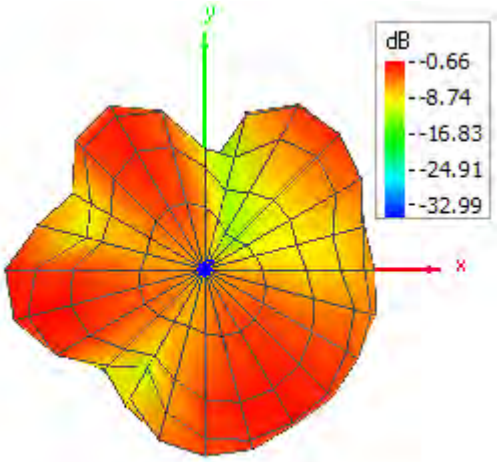

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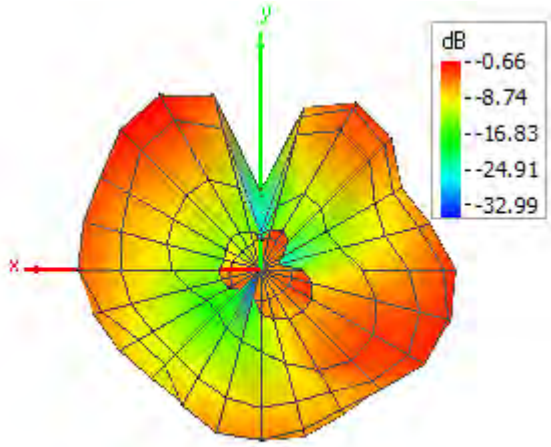

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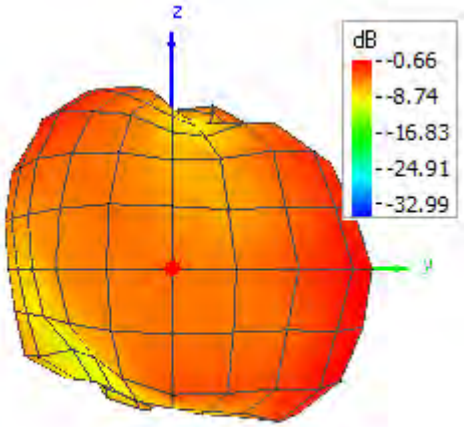

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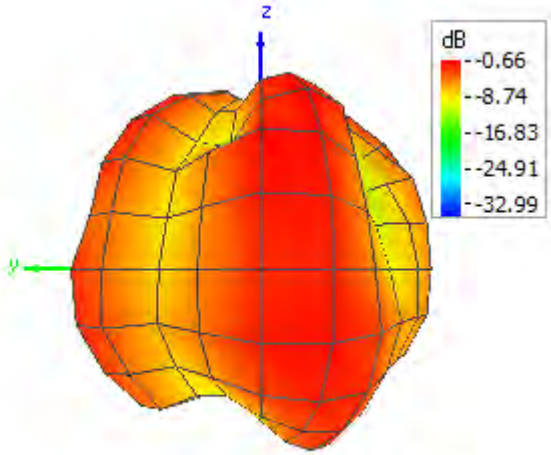

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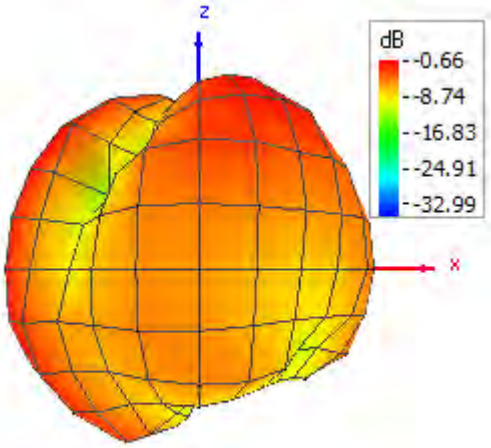

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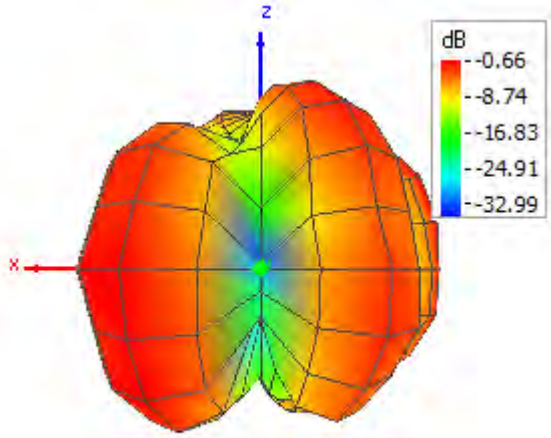

5180 MHz 3D

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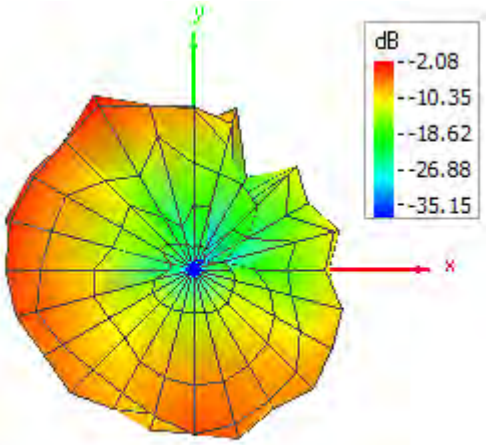

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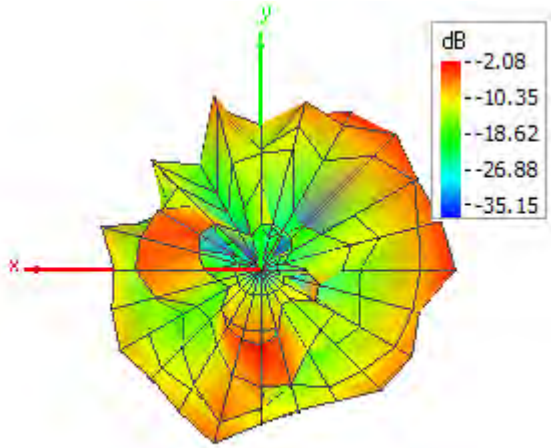

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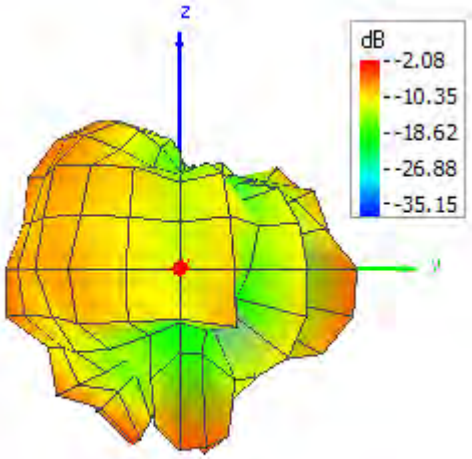

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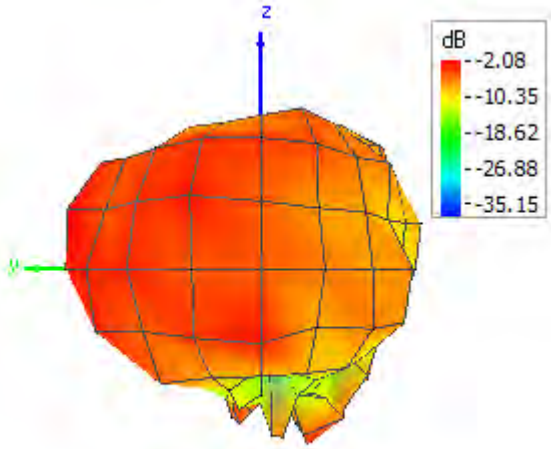

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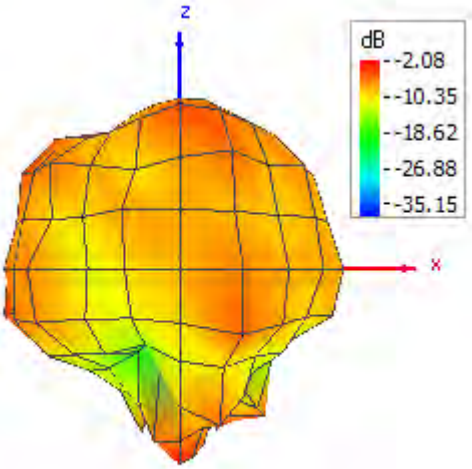

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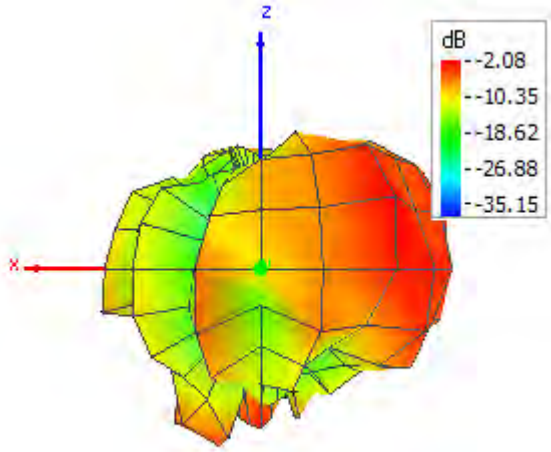

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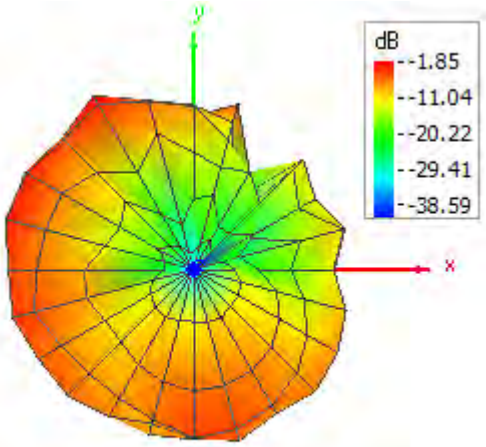

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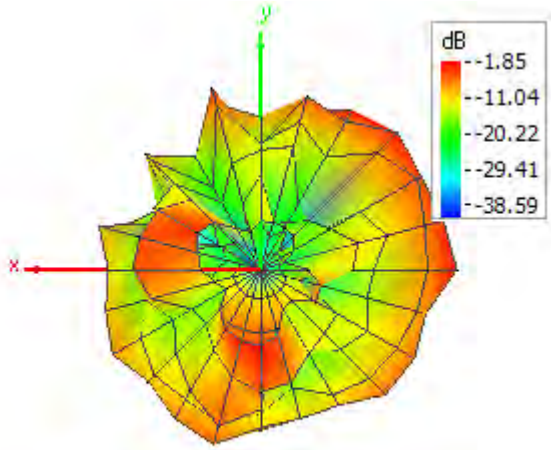

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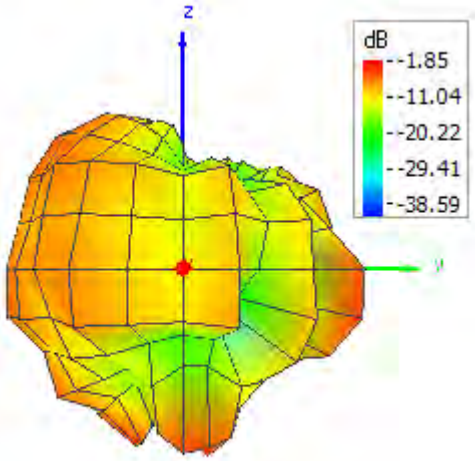

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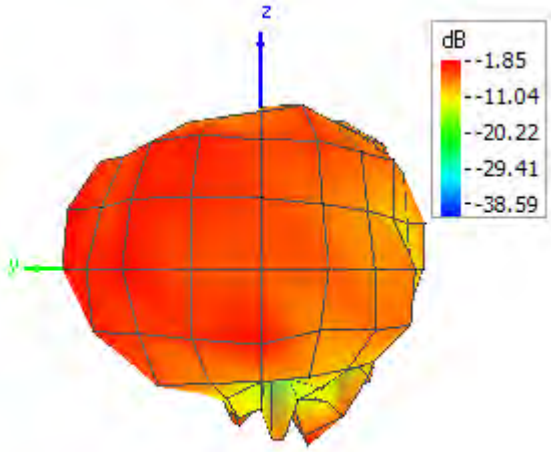

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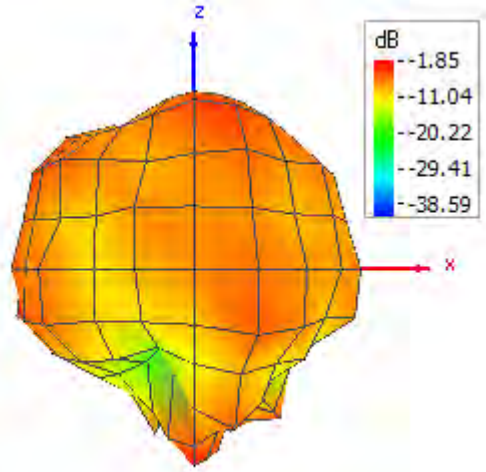

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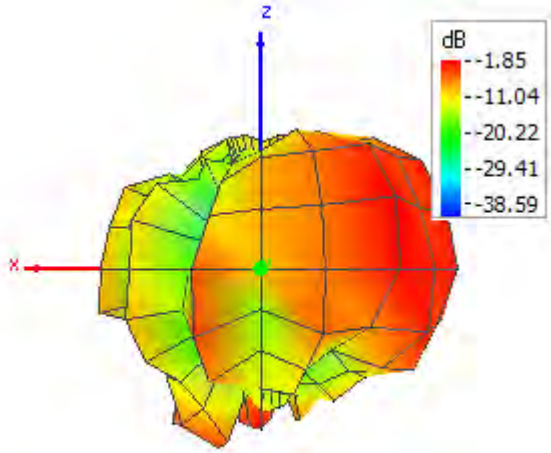

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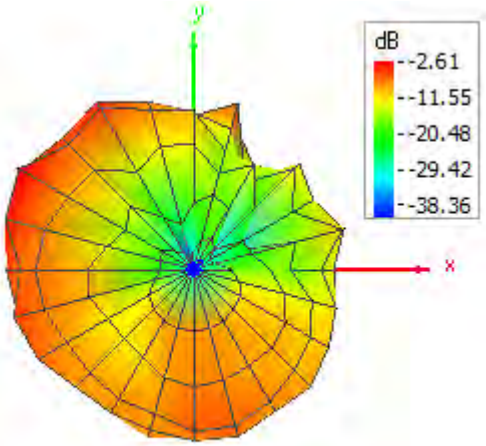

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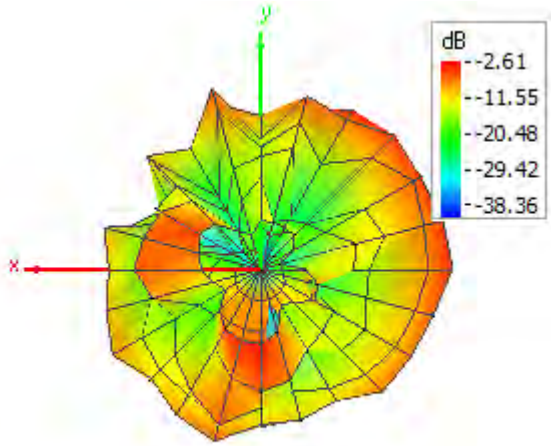

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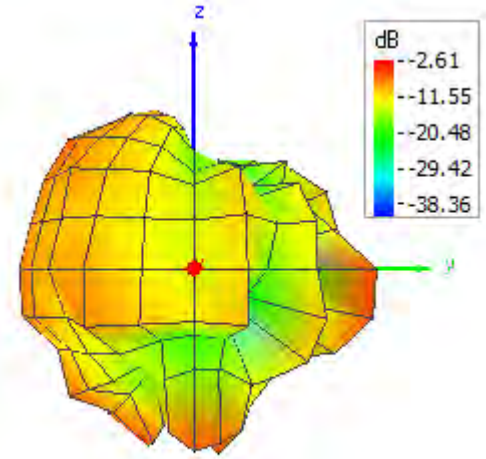

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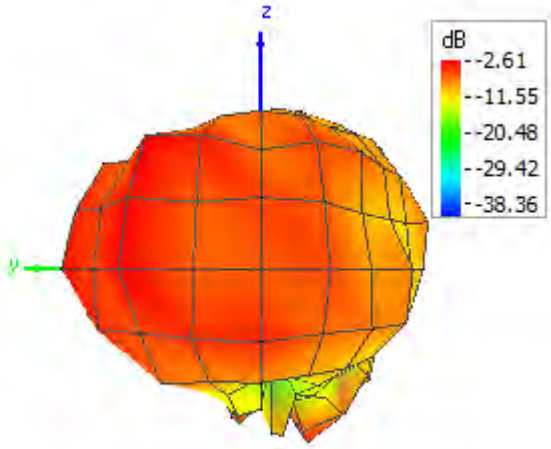

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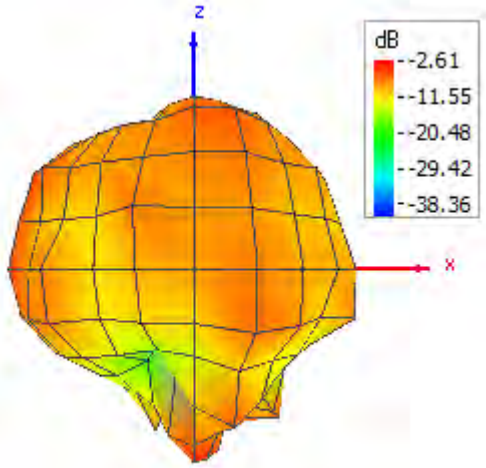

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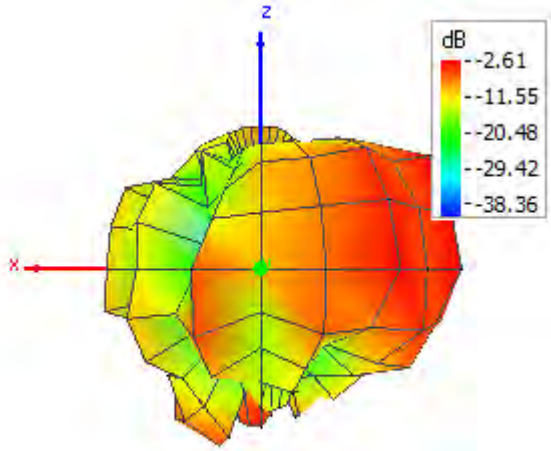

5260 MHz 3D

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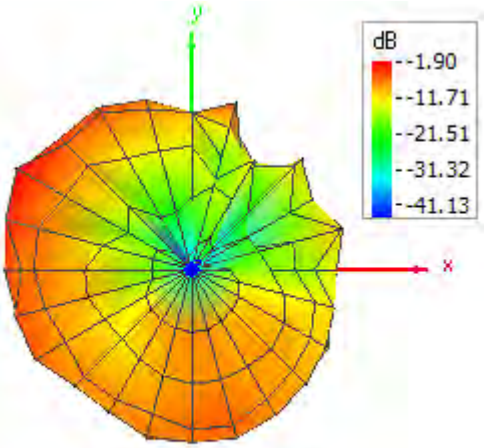

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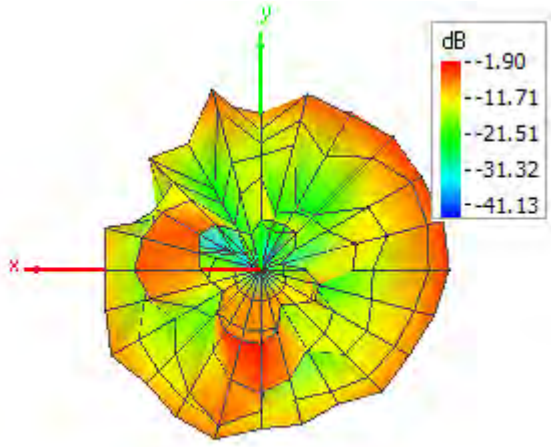

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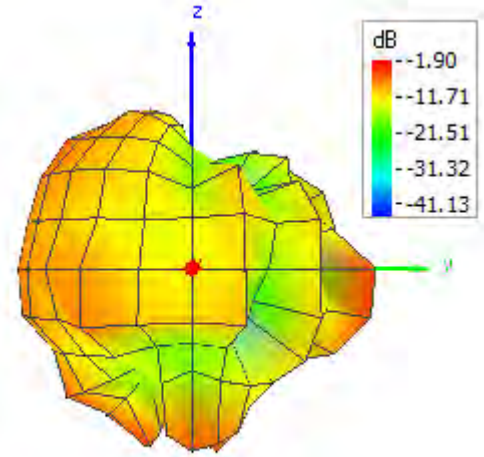

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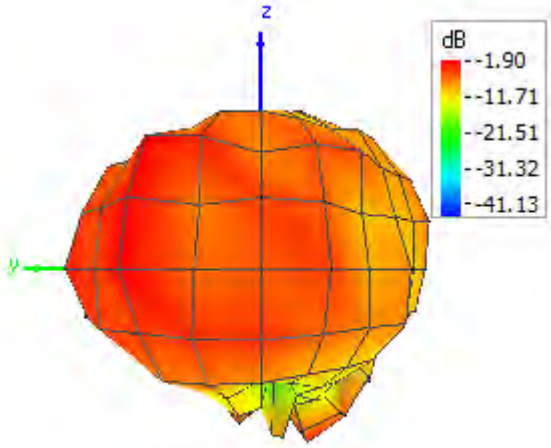

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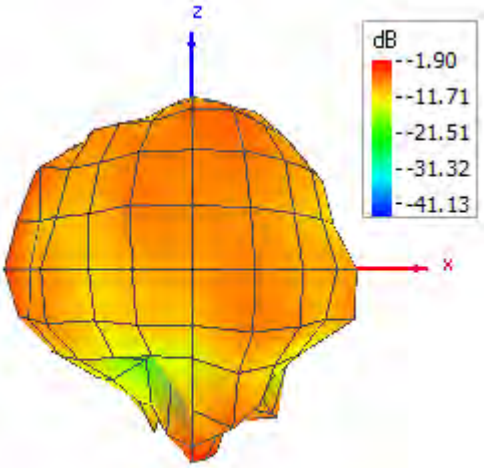
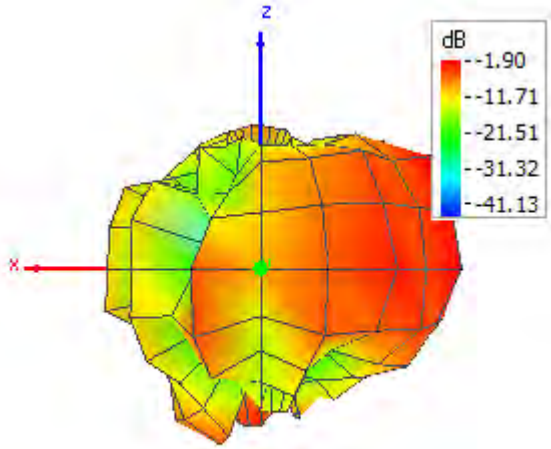
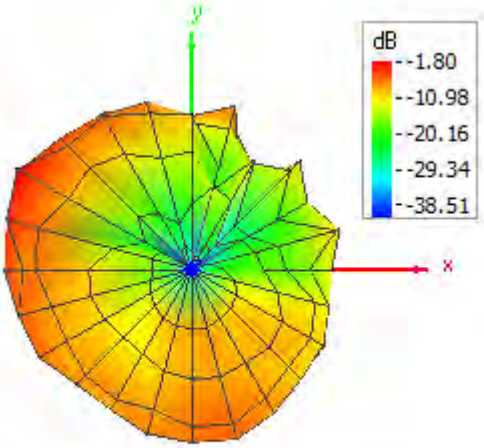


Theta = 90, Phi = 90

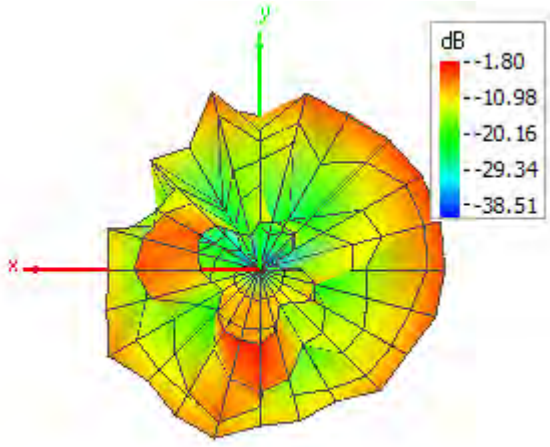


5280 MHz 3D

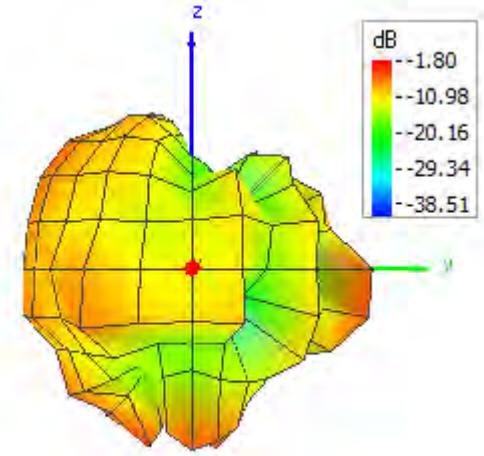
Theta = 0, Phi = 0



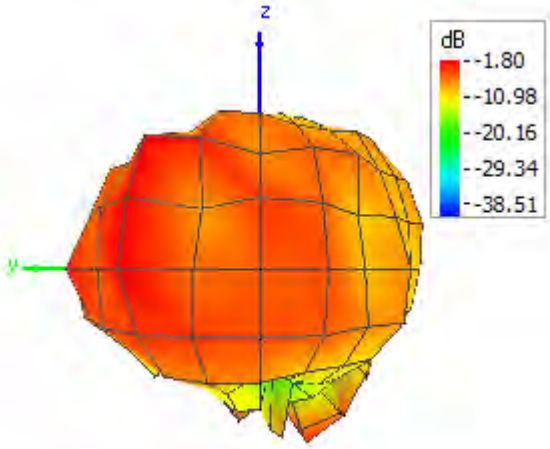
Theta = 180, Phi = 0



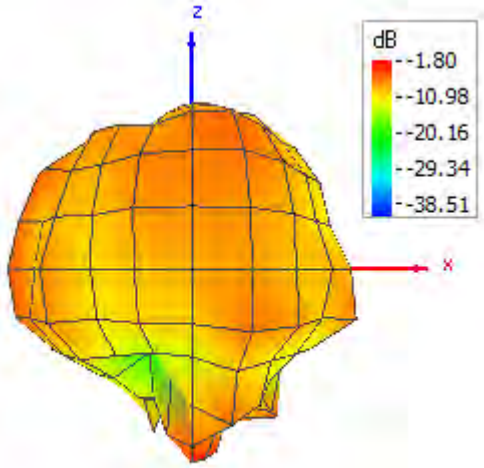
Theta = 90, Phi = 0



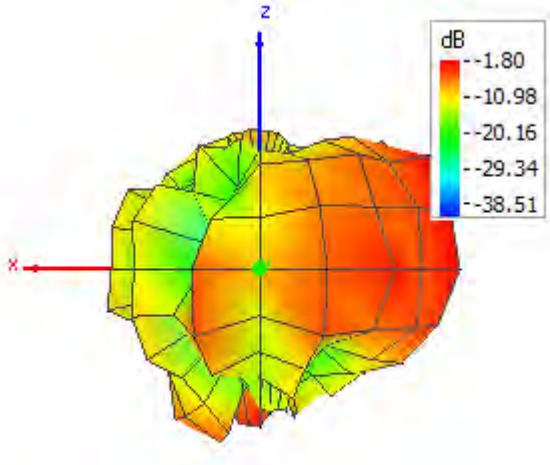
Theta = 90, Phi = 180



Theta = 90, Phi = 270

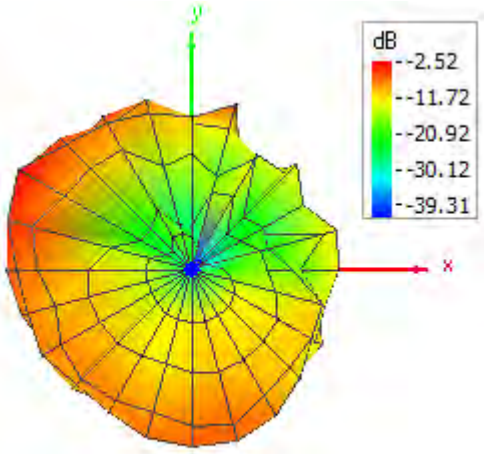


Theta = 90, Phi = 90

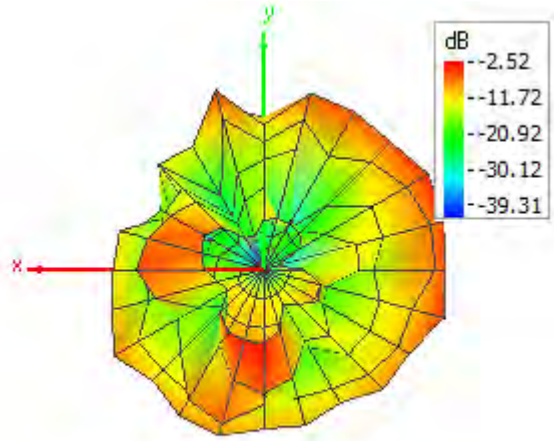


5320 MHz 3D

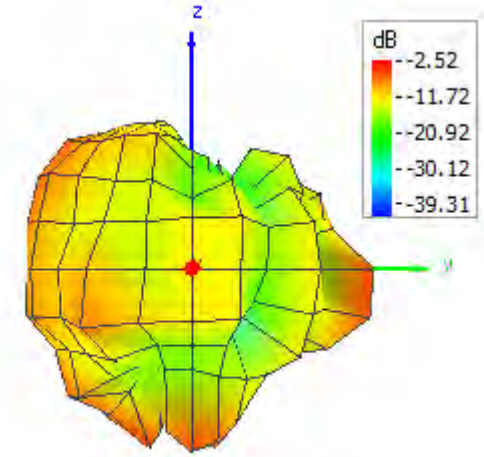
Theta = 0, Phi = 0



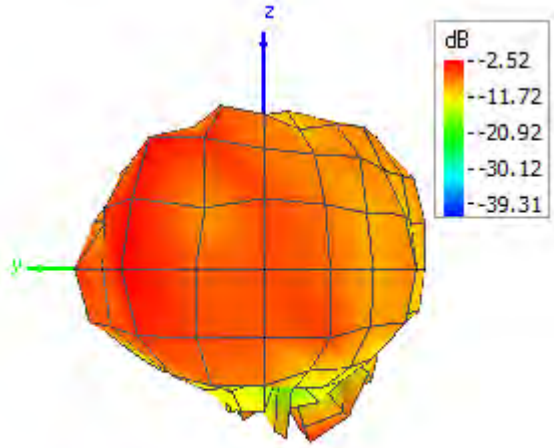
Theta = 180, Phi = 0



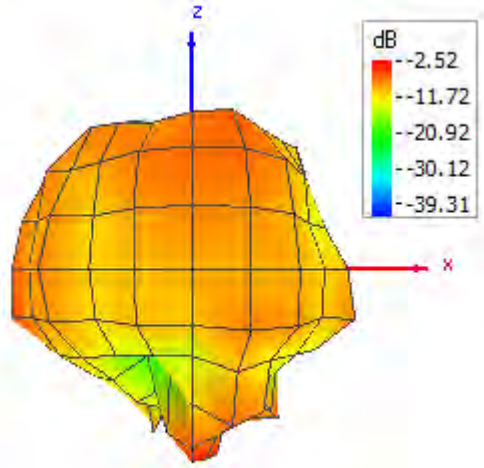
Theta = 90, Phi = 0



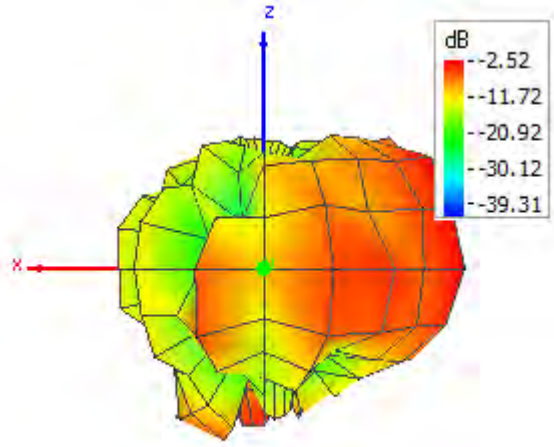
Theta = 90, Phi = 180



Theta = 90, Phi = 270

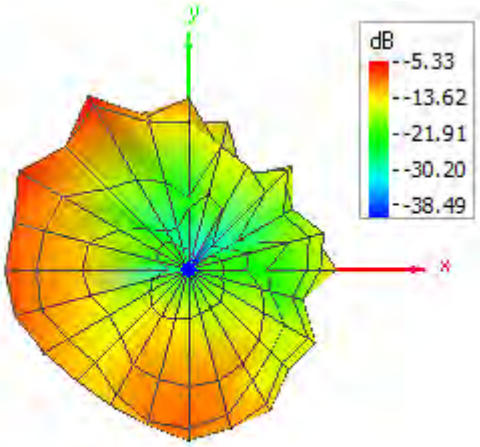


Theta = 90, Phi = 90

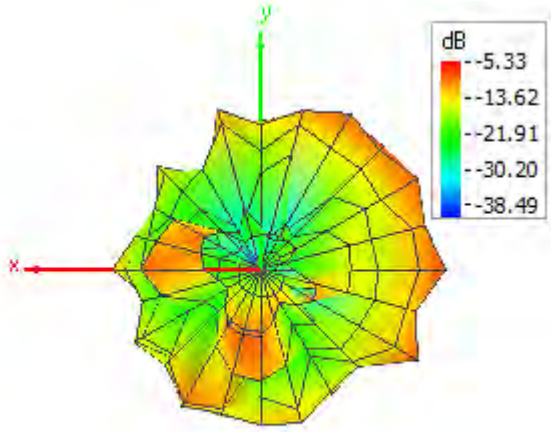


5500 MHz 3D

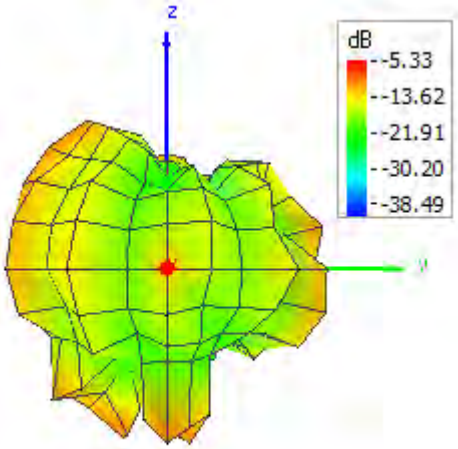
Theta = 0, Phi = 0



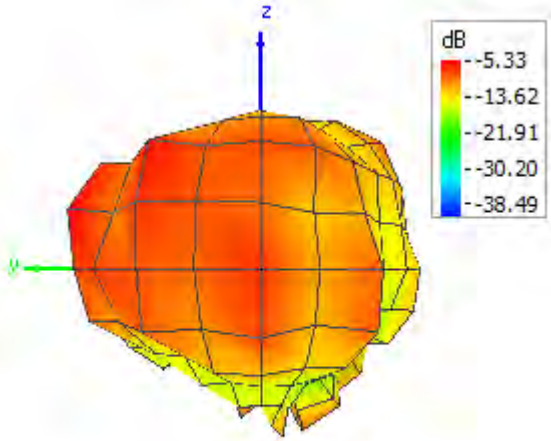
Theta = 180, Phi = 0



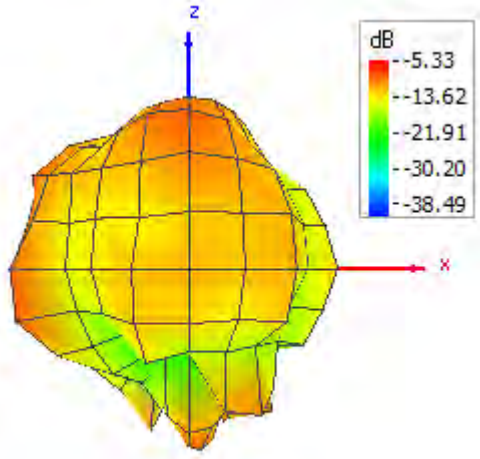
Theta = 90, Phi = 0



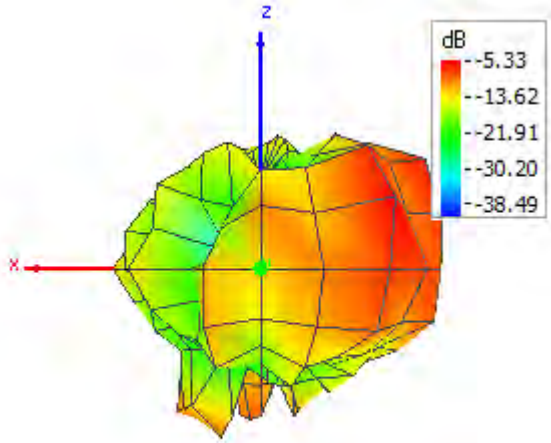
Theta = 90, Phi = 180



Theta = 90, Phi = 270

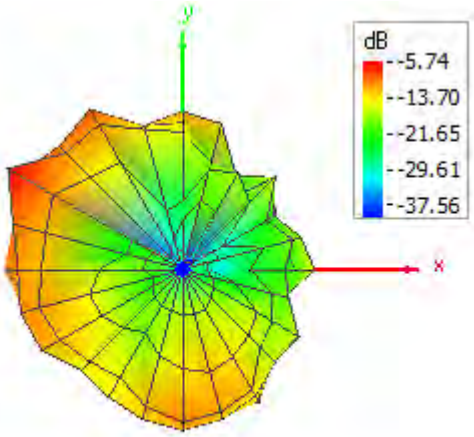


Theta = 90, Phi = 90

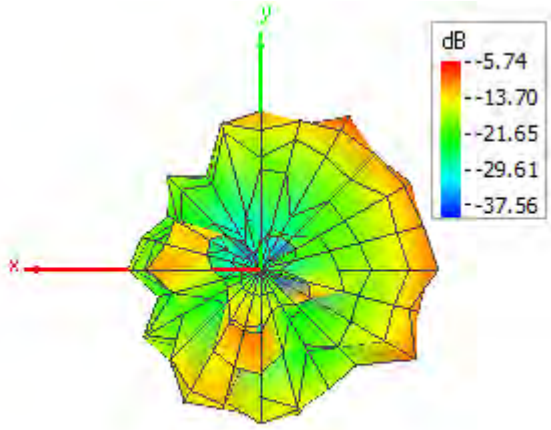


5580 MHz 3D

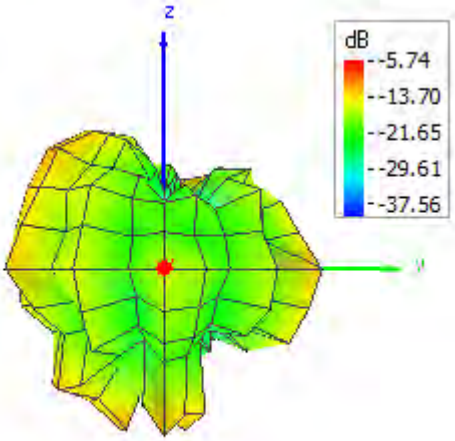
Theta = 0, Phi = 0



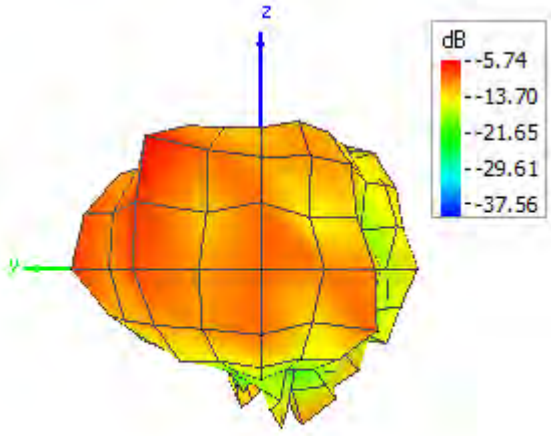
Theta = 180, Phi = 0



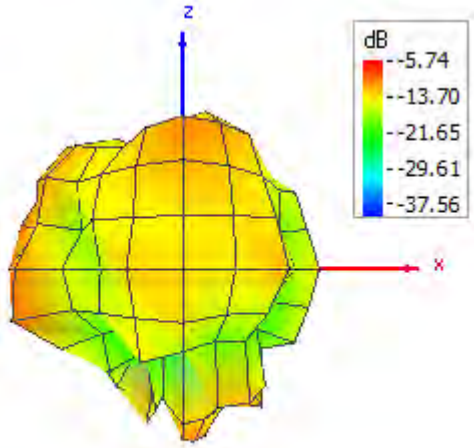
Theta = 90, Phi = 0



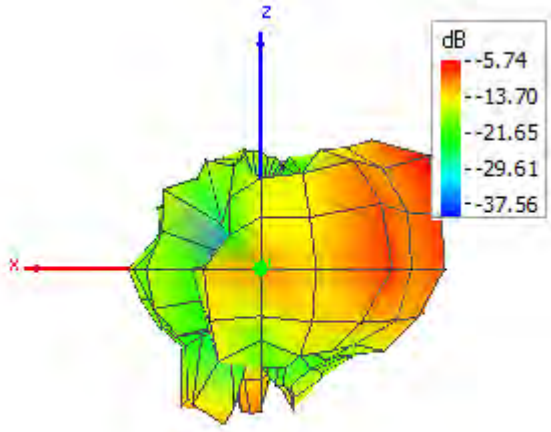
Theta = 90, Phi = 180



Theta = 90, Phi = 270

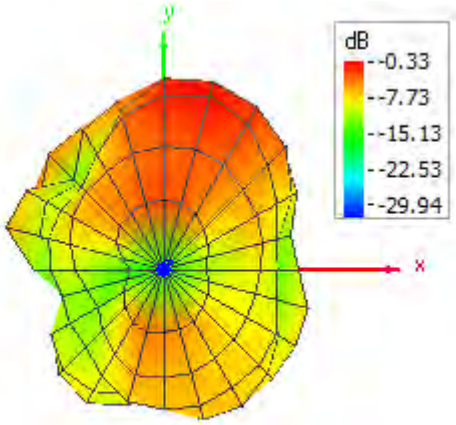


Theta = 90, Phi = 90

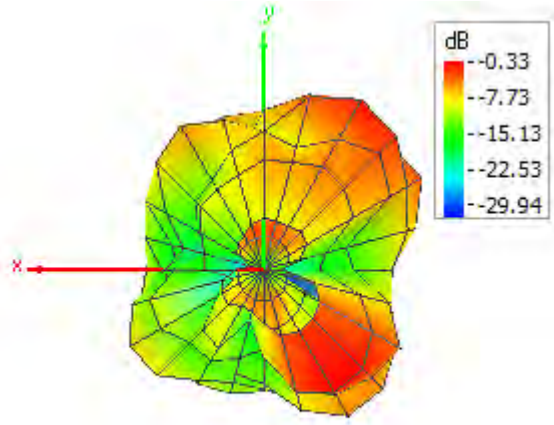


5720 MHz 3D

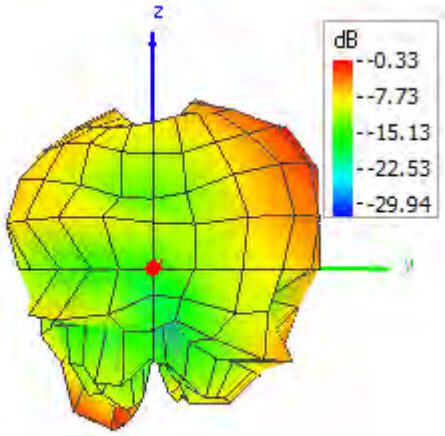
Theta = 0, Phi = 0



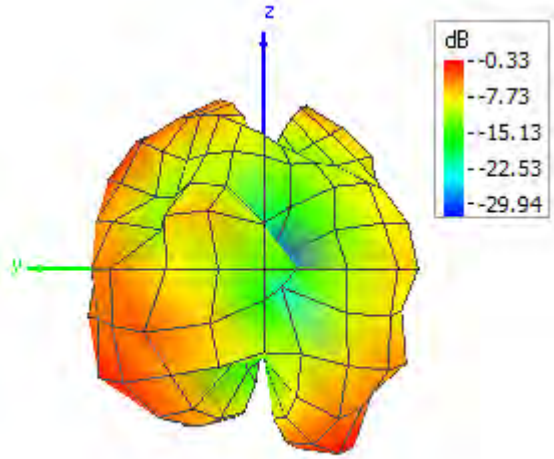
Theta = 180, Phi = 0



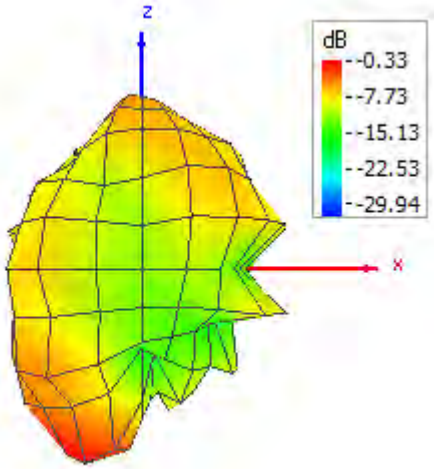
Theta = 90, Phi = 0



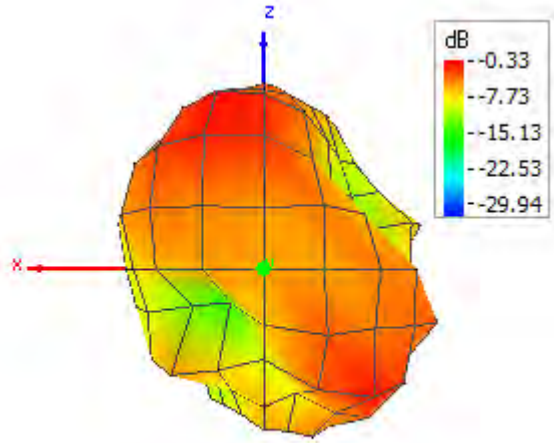
Theta = 90, Phi = 180



Theta = 90, Phi = 270

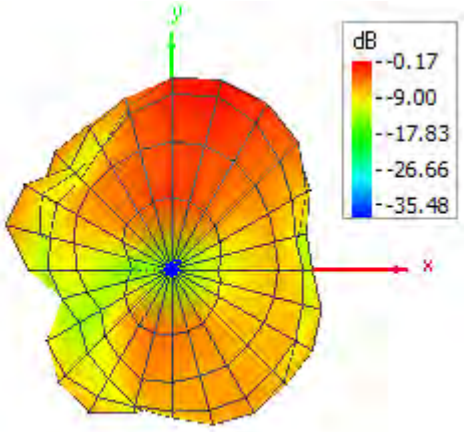


Theta = 90, Phi = 90

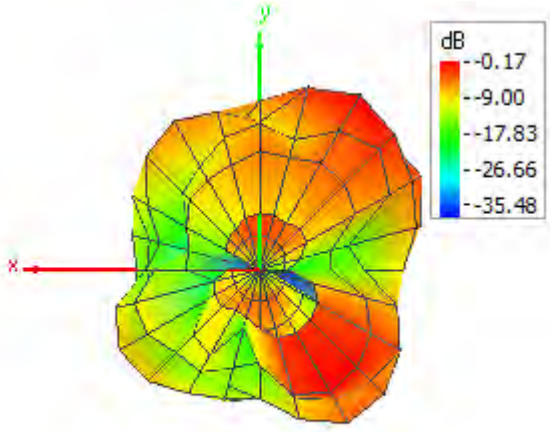


5745 MHz 3D

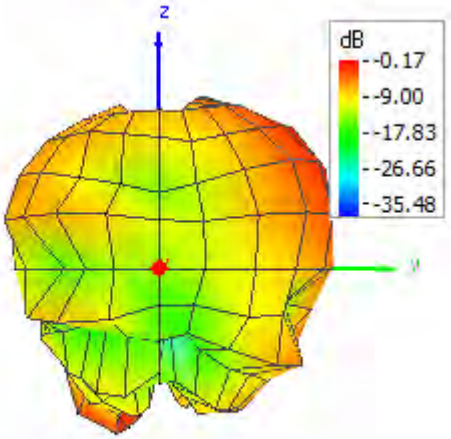
Theta = 0, Phi = 0



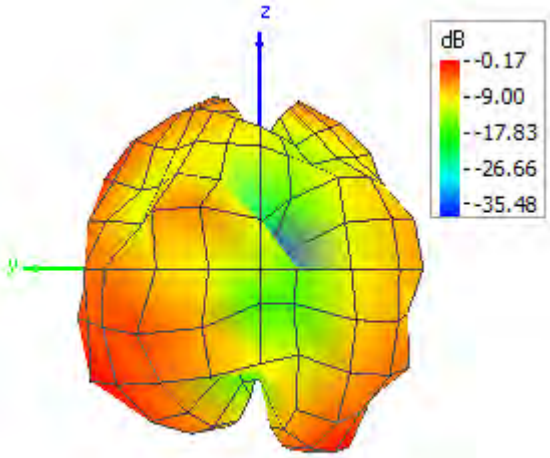
Theta = 180, Phi = 0



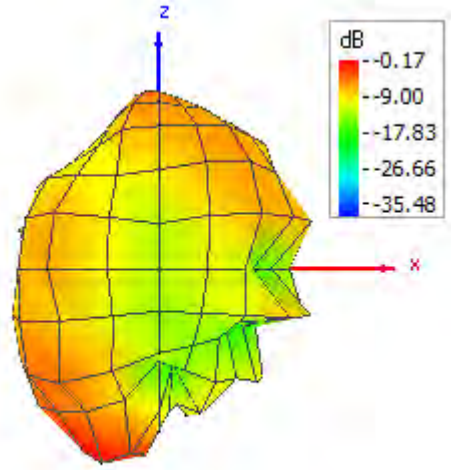
Theta = 90, Phi = 0



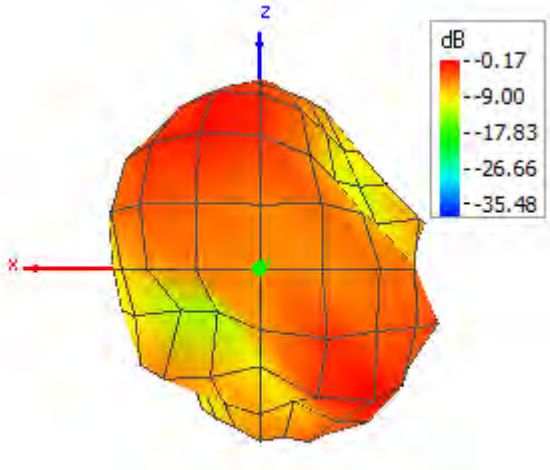
Theta = 90, Phi = 180



Theta = 90, Phi = 270

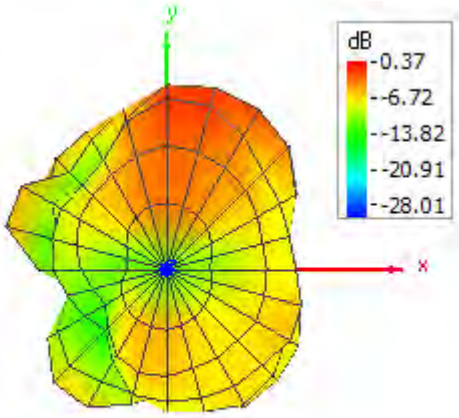


Theta = 90, Phi = 90

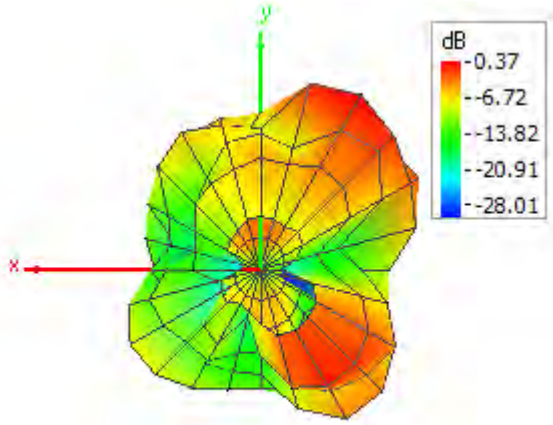


5785 MHz 3D

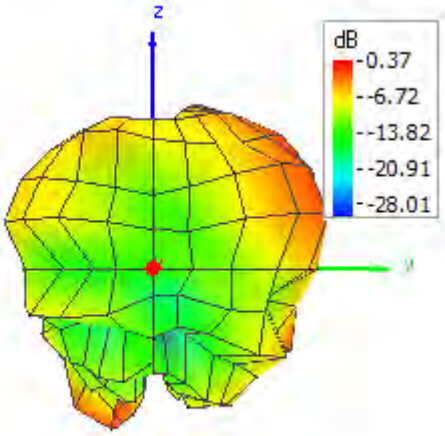
Theta = 0, Phi = 0



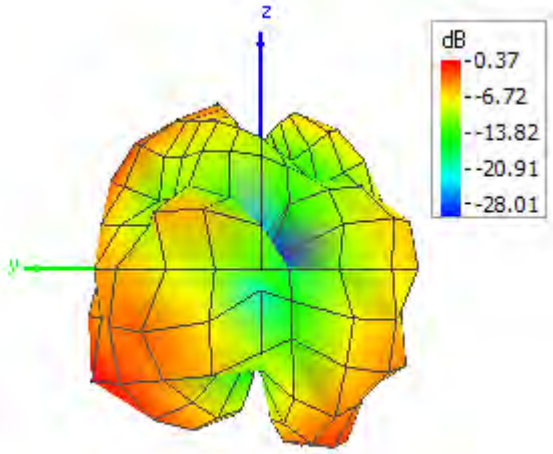
Theta = 180, Phi = 0



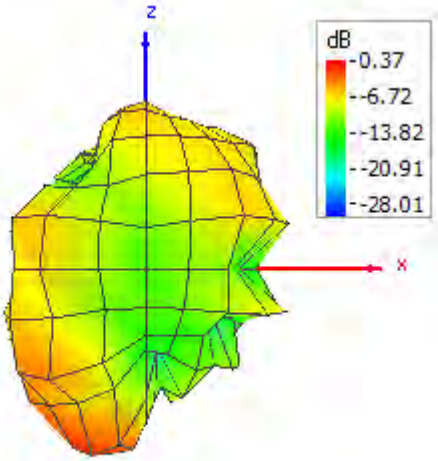
Theta = 90, Phi = 0



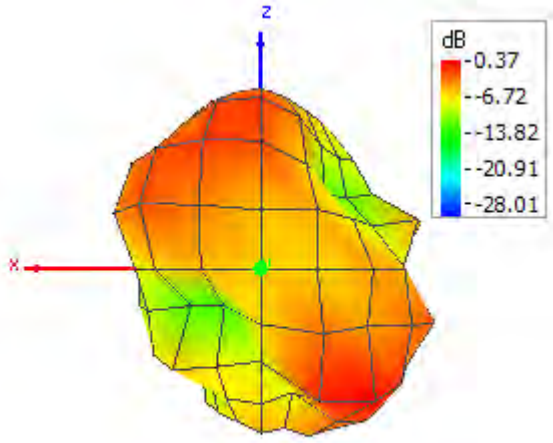
Theta = 90, Phi = 180



Theta = 90, Phi = 270

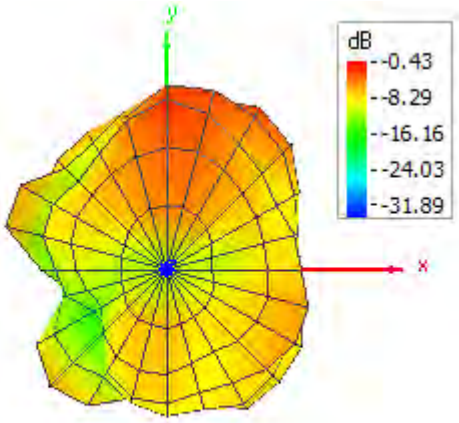


Theta = 90, Phi = 90

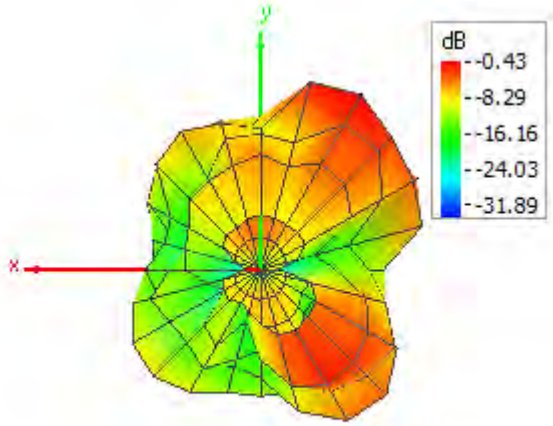


5825 MHz 3D

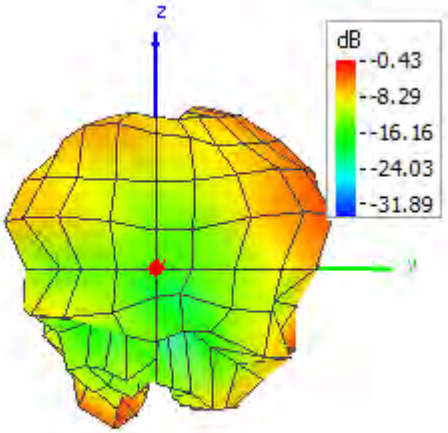
Theta = 0, Phi = 0



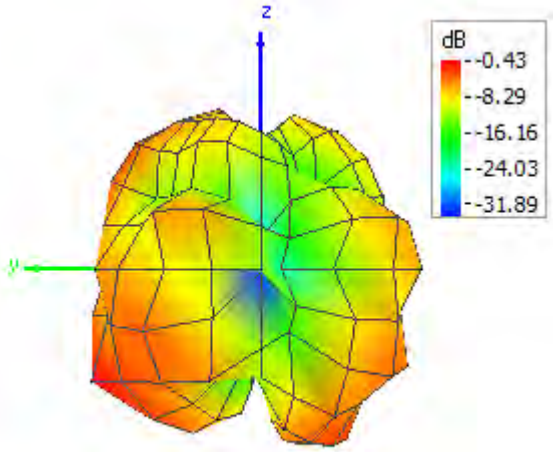
Theta = 180, Phi = 0



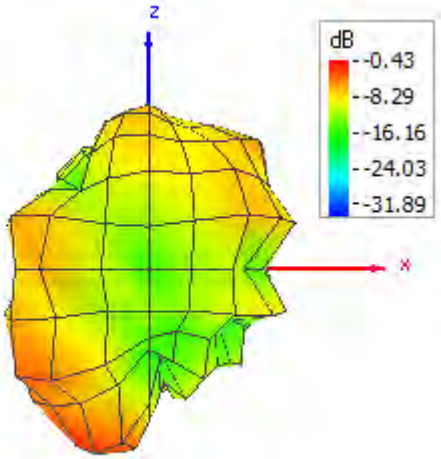
Theta = 90, Phi = 0



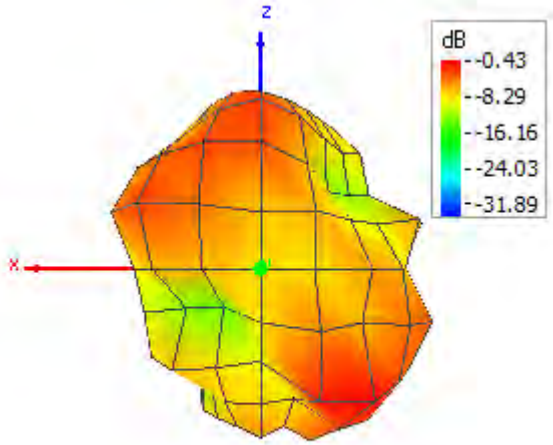
Theta = 90, Phi = 180



Theta = 90, Phi = 270



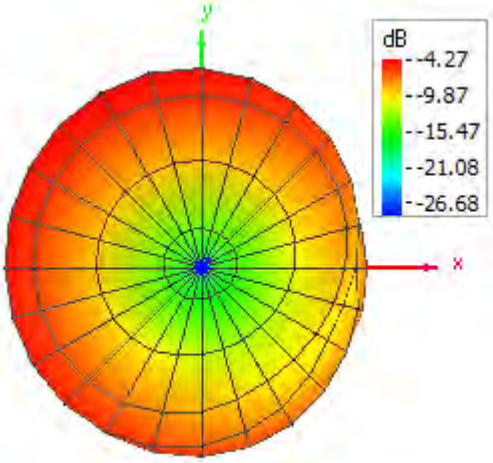
Theta = 90, Phi = 90



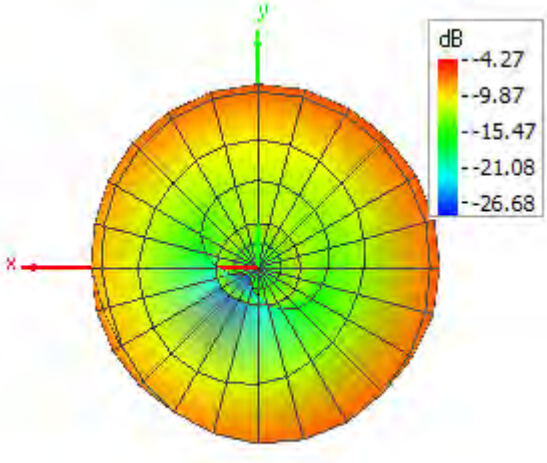
ANT 2:

660 MHz 3D

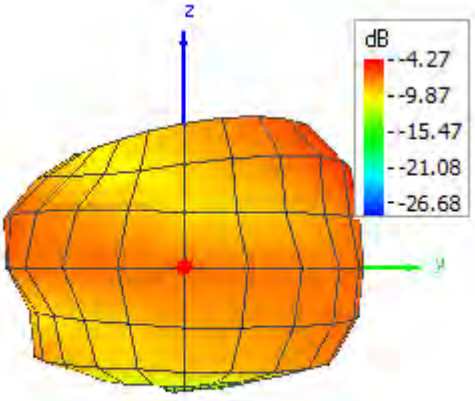
Theta = 0, Phi = 0



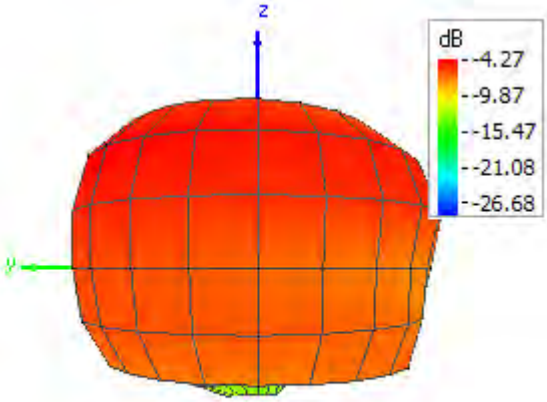
Theta = 180, Phi = 0



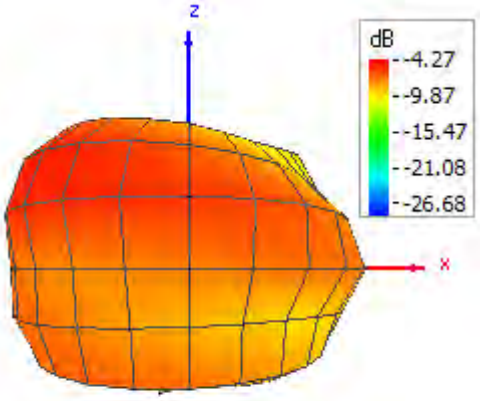
Theta = 90, Phi = 0



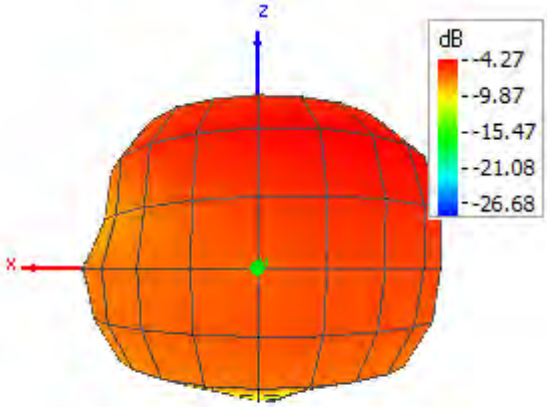
Theta = 90, Phi = 180



Theta = 90, Phi = 270

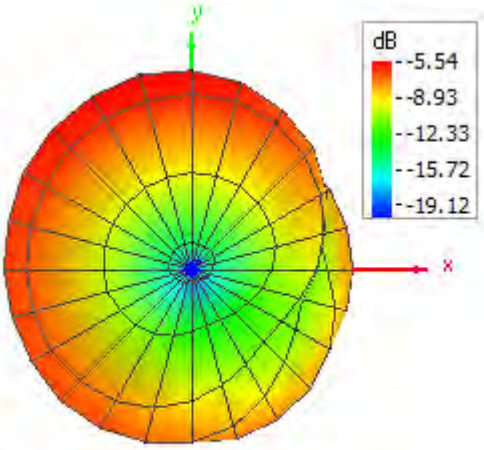


Theta = 90, Phi = 90

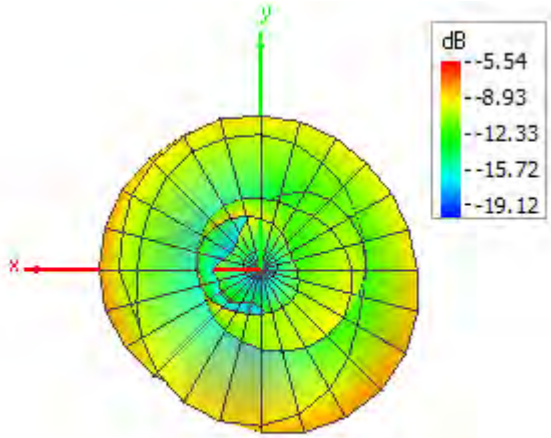


680 MHz 3D

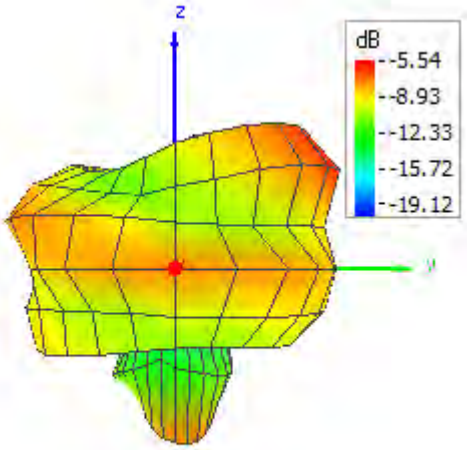
Theta = 0, Phi = 0



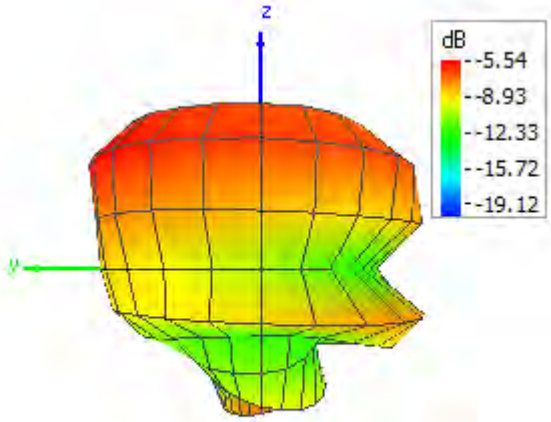
Theta = 180, Phi = 0



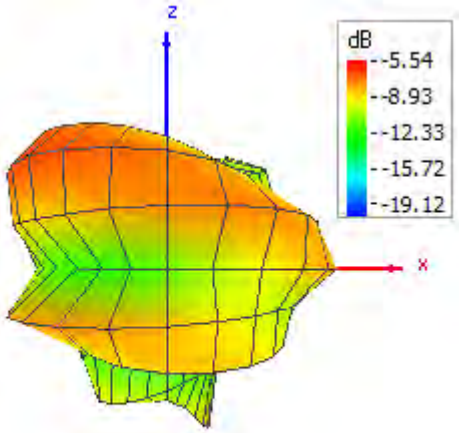
Theta = 90, Phi = 0



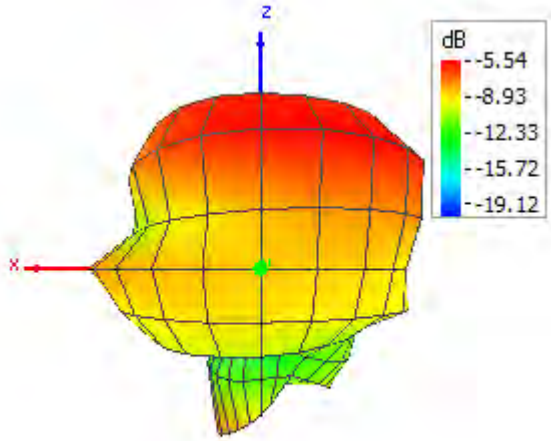
Theta = 90, Phi = 180



Theta = 90, Phi = 270

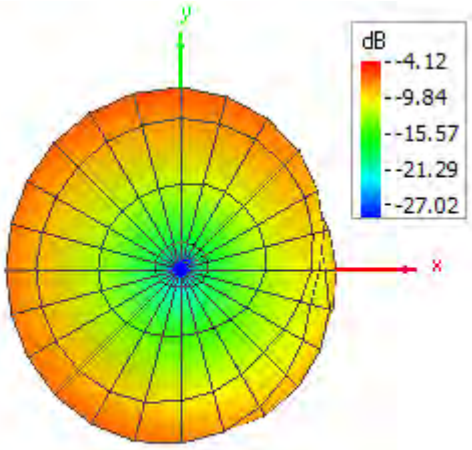


Theta = 90, Phi = 90

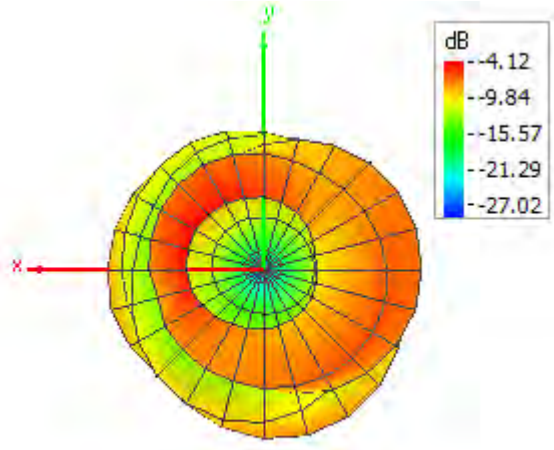


700 MHz 3D

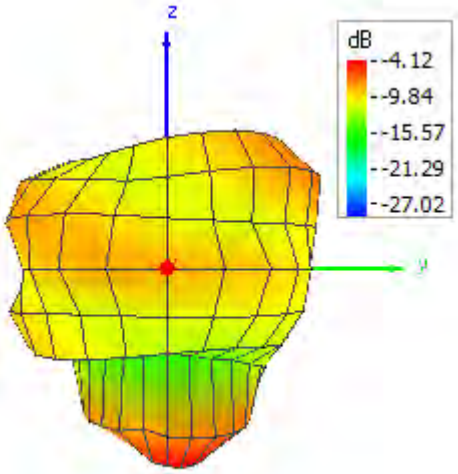
Theta = 0, Phi = 0



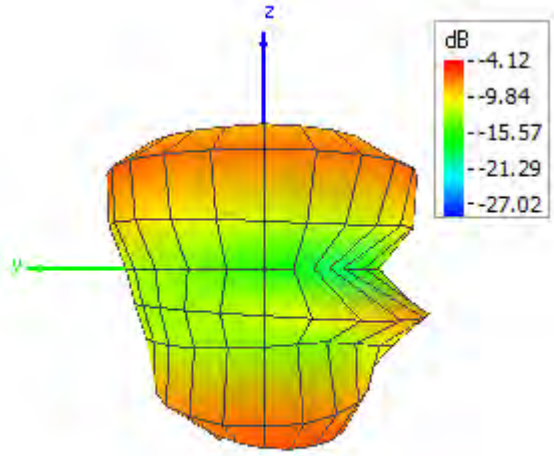
Theta = 180, Phi = 0



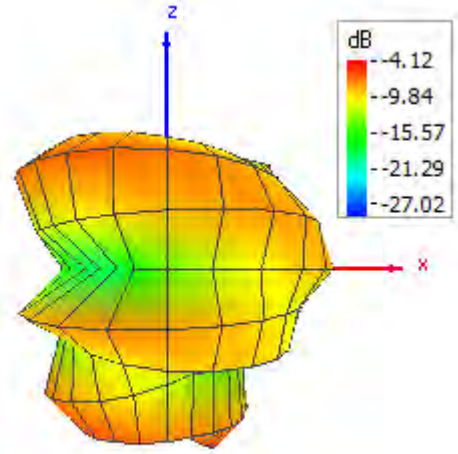
Theta = 90, Phi = 0



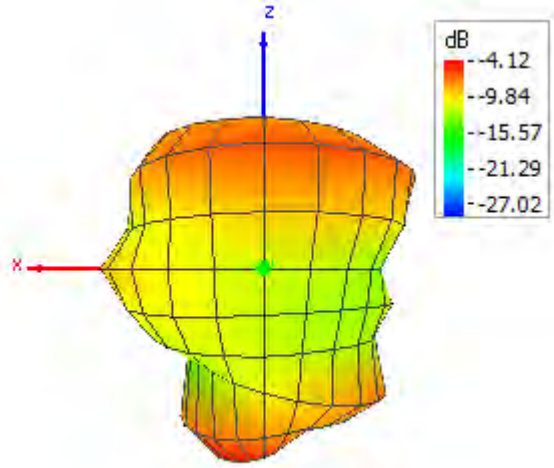
Theta = 90, Phi = 180



Theta = 90, Phi = 270

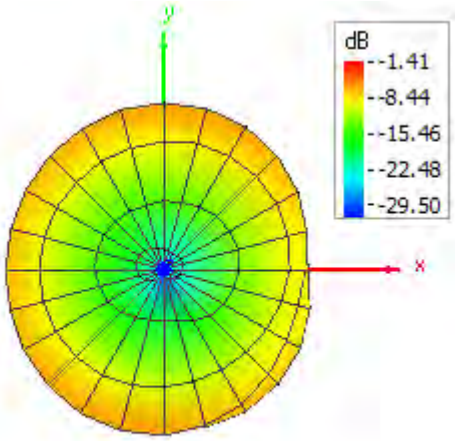


Theta = 90, Phi = 90

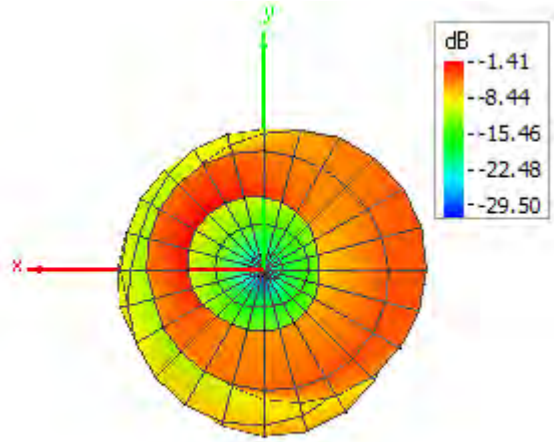


720 MHz 3D

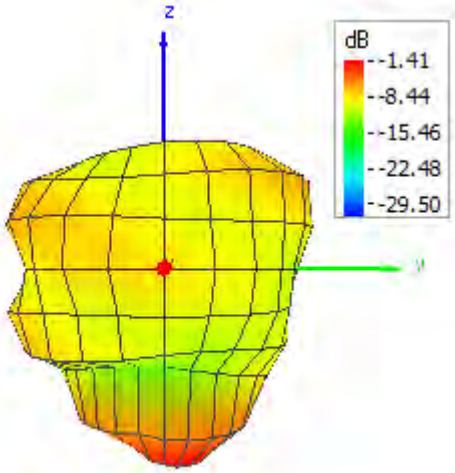
Theta = 0, Phi = 0



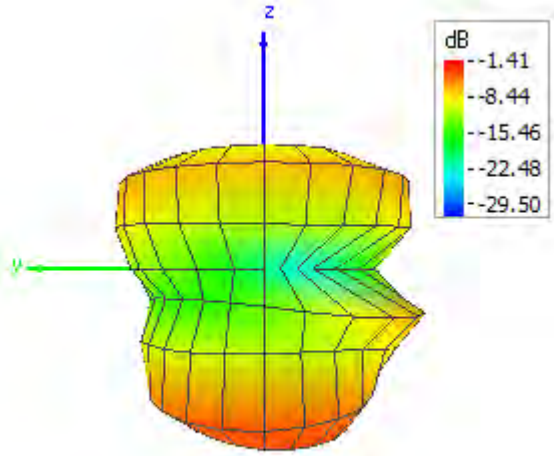
Theta = 180, Phi = 0



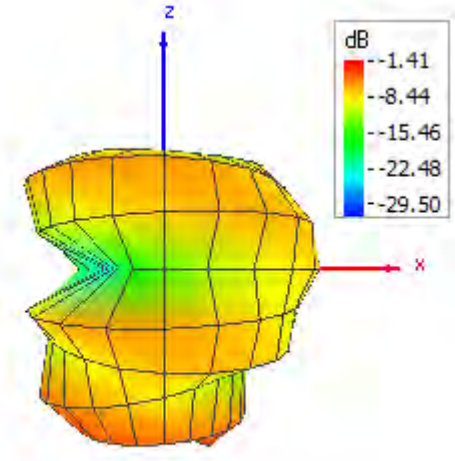
Theta = 90, Phi = 0



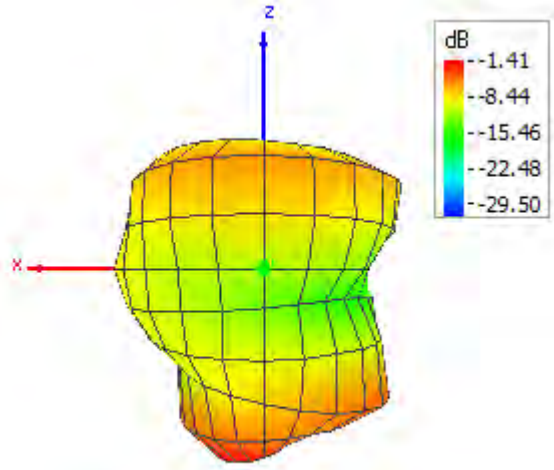
Theta = 90, Phi = 180



Theta = 90, Phi = 270

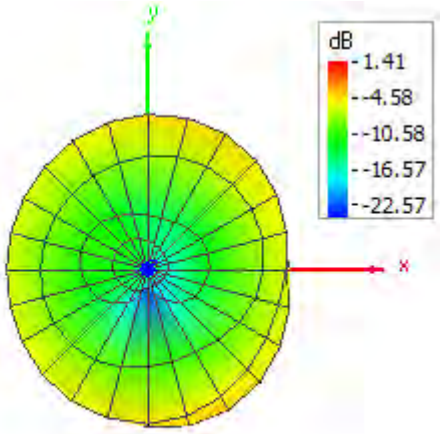


Theta = 90, Phi = 90

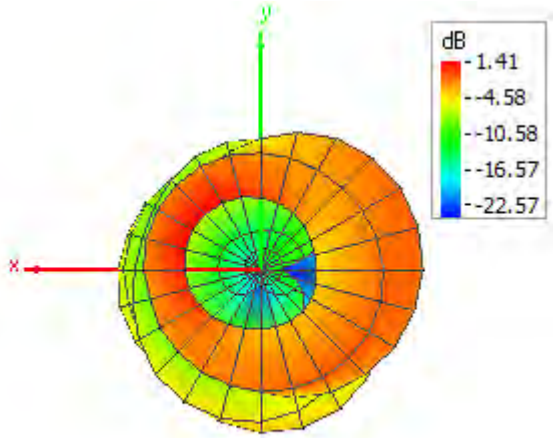


740 MHz 3D

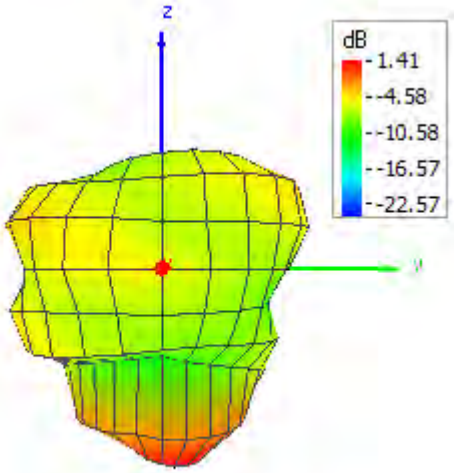
Theta = 0, Phi = 0



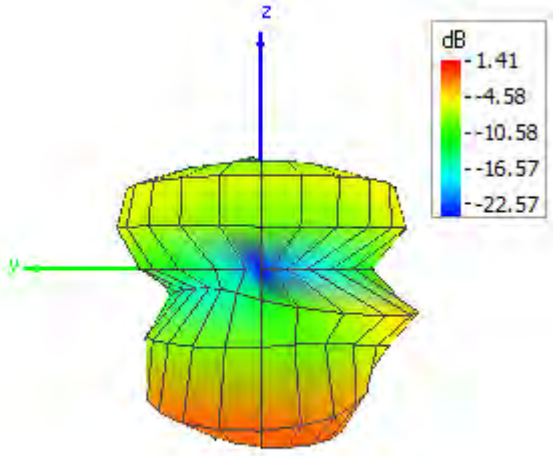
Theta = 180, Phi = 0



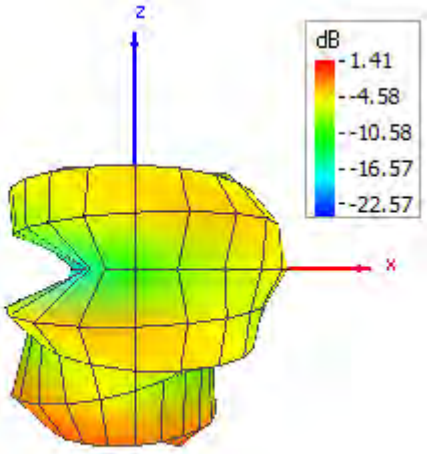
Theta = 90, Phi = 0



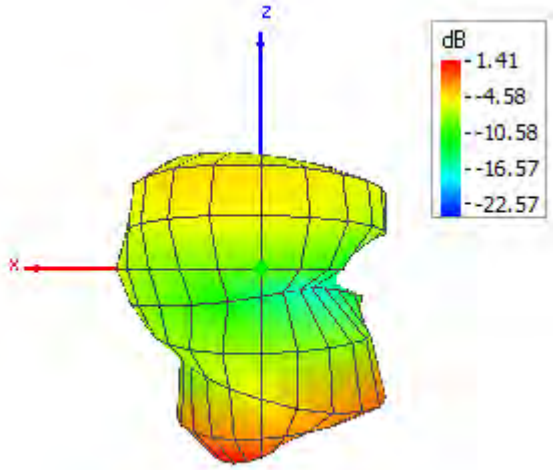
Theta = 90, Phi = 180



Theta = 90, Phi = 270

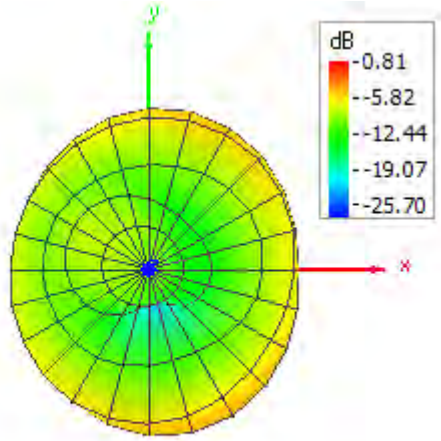


Theta = 90, Phi = 90

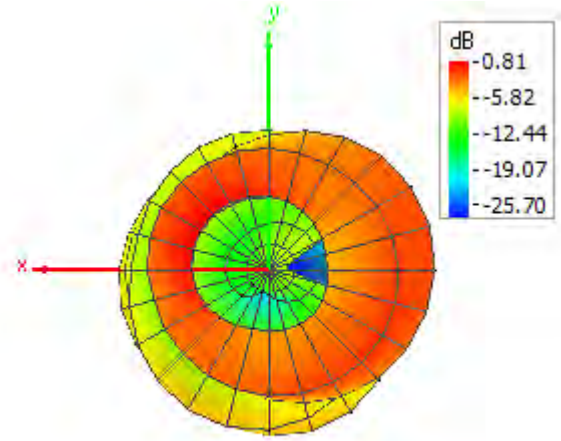


760 MHz 3D

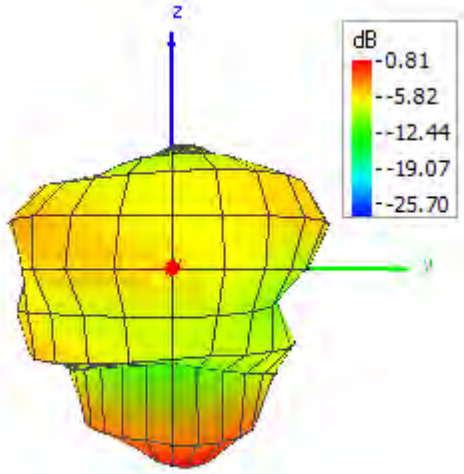
Theta = 0, Phi = 0



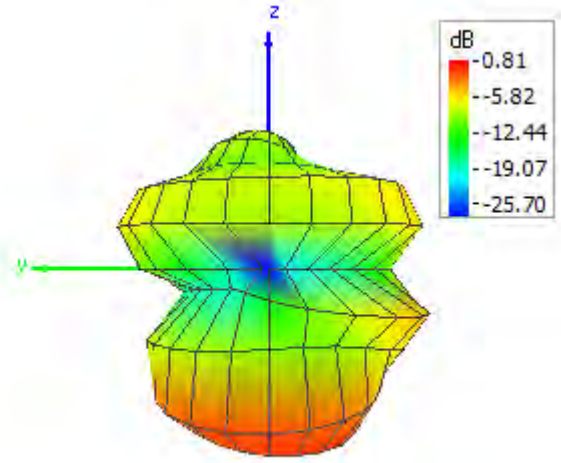
Theta = 180, Phi = 0



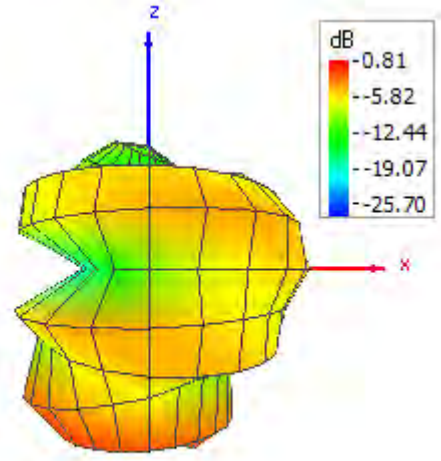
Theta = 90, Phi = 0



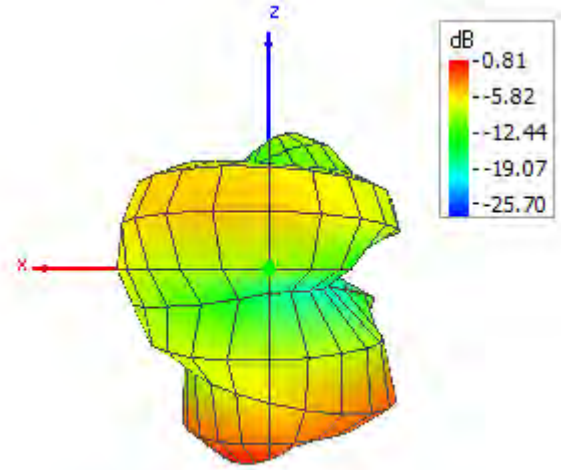
Theta = 90, Phi = 180



Theta = 90, Phi = 270

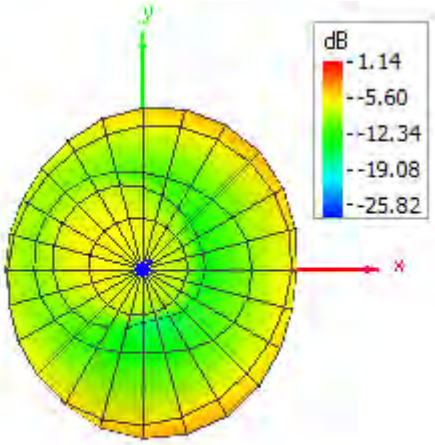


Theta = 90, Phi = 90

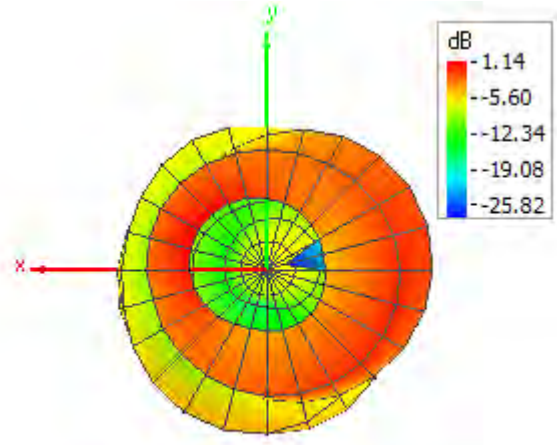


780 MHz 3D

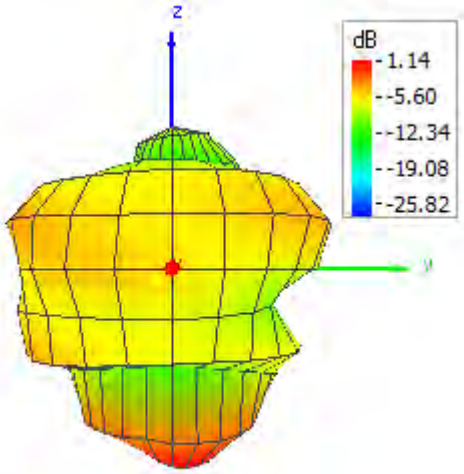
Theta = 0, Phi = 0



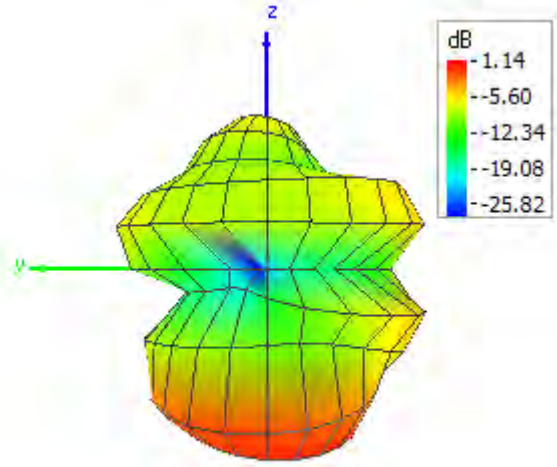
Theta = 180, Phi = 0



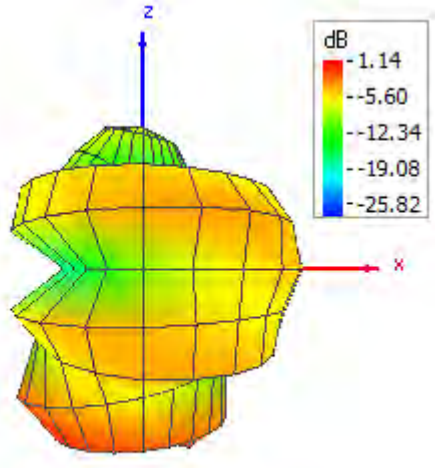
Theta = 90, Phi = 0



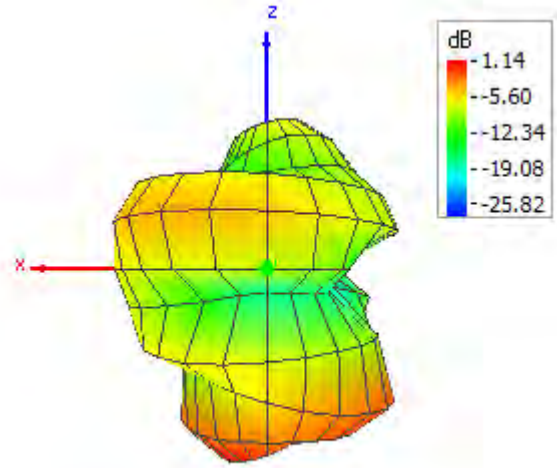
Theta = 90, Phi = 180



Theta = 90, Phi = 270

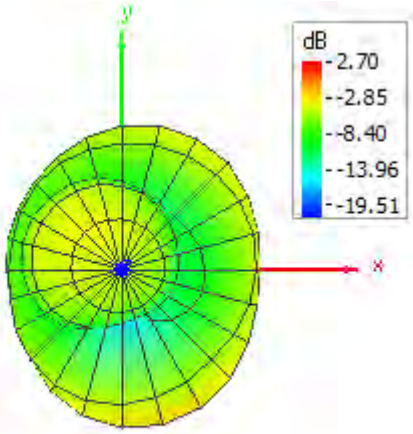


Theta = 90, Phi = 90

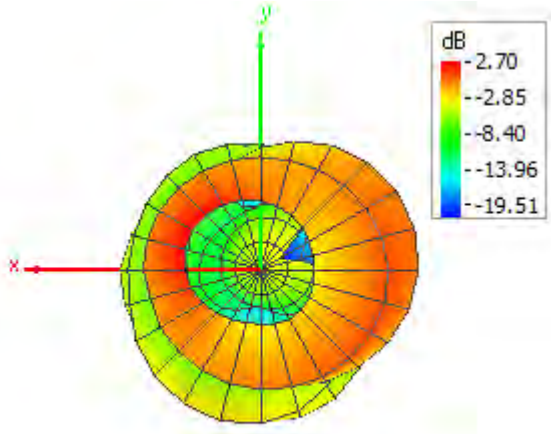


800 MHz 3D

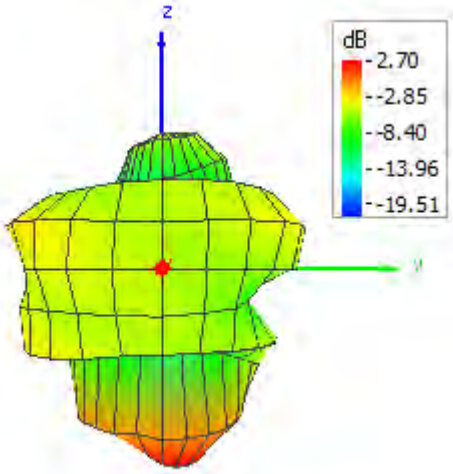
Theta = 0, Phi = 0



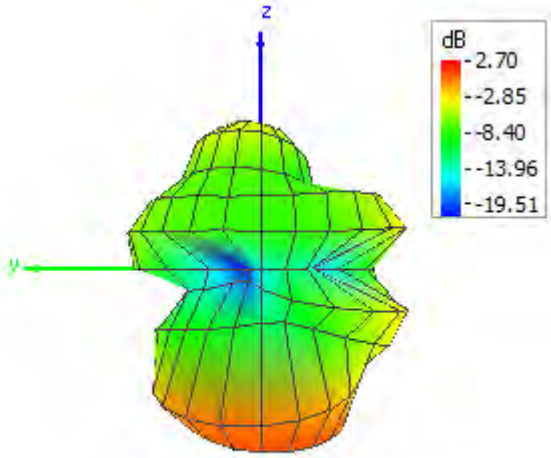
Theta = 180, Phi = 0



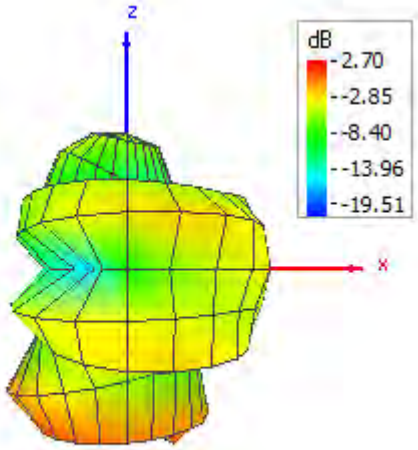
Theta = 90, Phi = 0



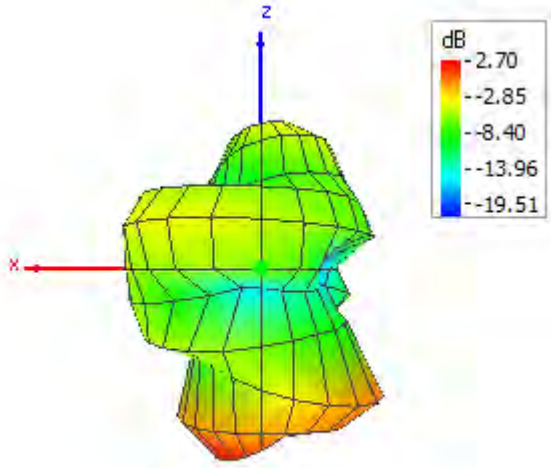
Theta = 90, Phi = 180



Theta = 90, Phi = 270

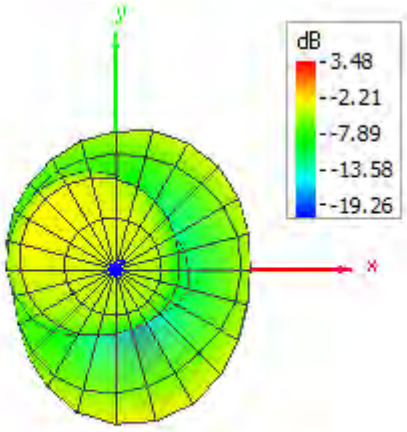


Theta = 90, Phi = 90

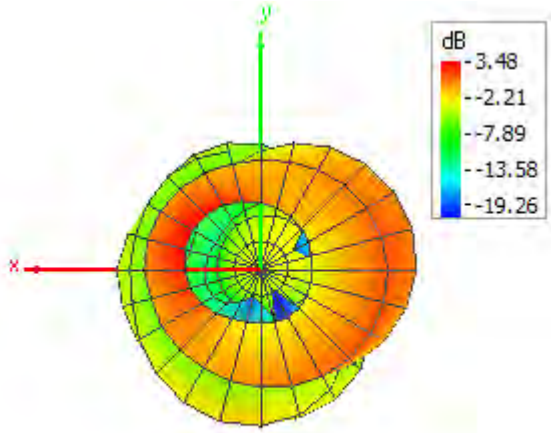


820 MHz 3D

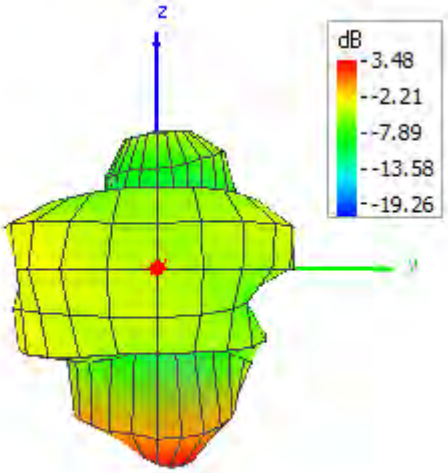
Theta = 0, Phi = 0



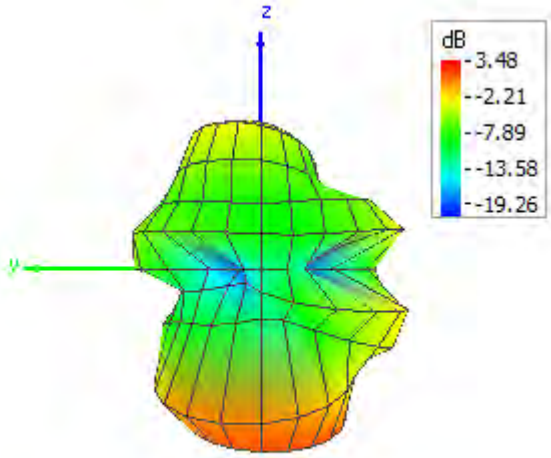
Theta = 180, Phi = 0



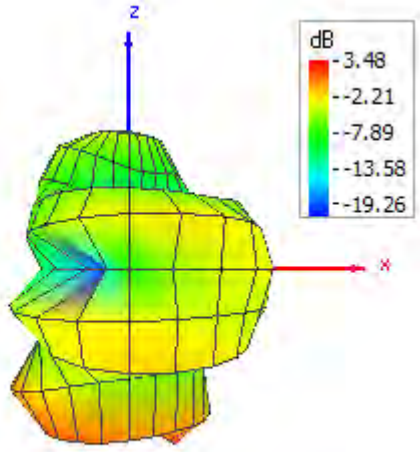
Theta = 90, Phi = 0



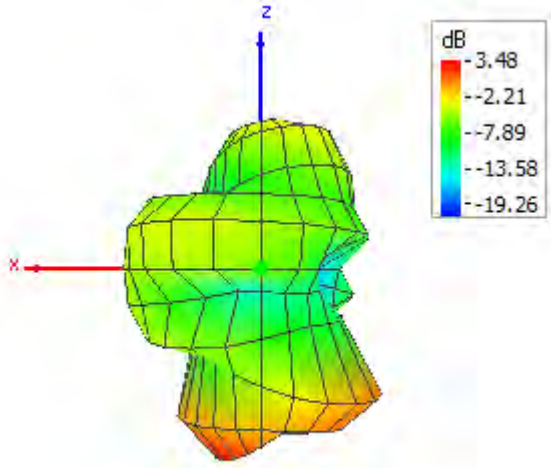
Theta = 90, Phi = 180



Theta = 90, Phi = 270

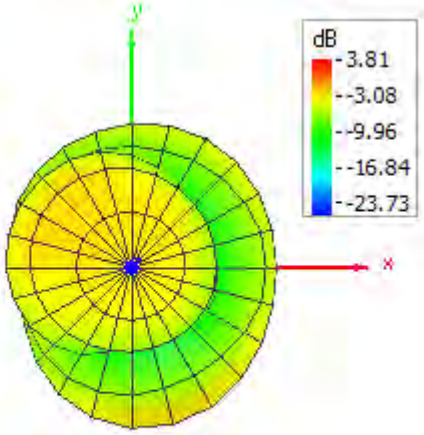


Theta = 90, Phi = 90

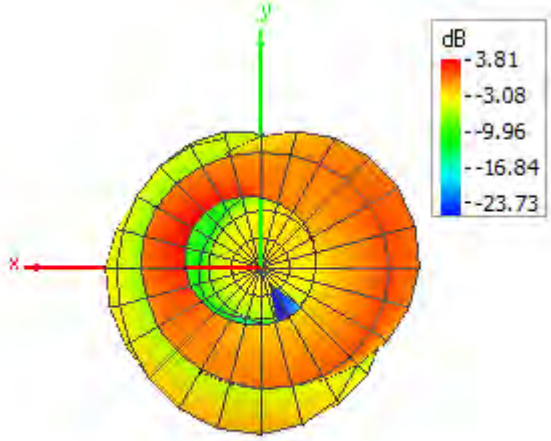


840 MHz 3D

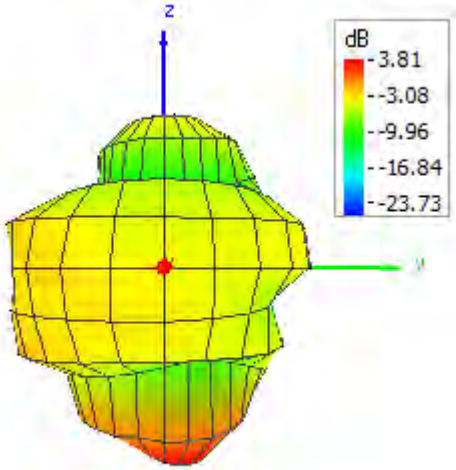
Theta = 0, Phi = 0



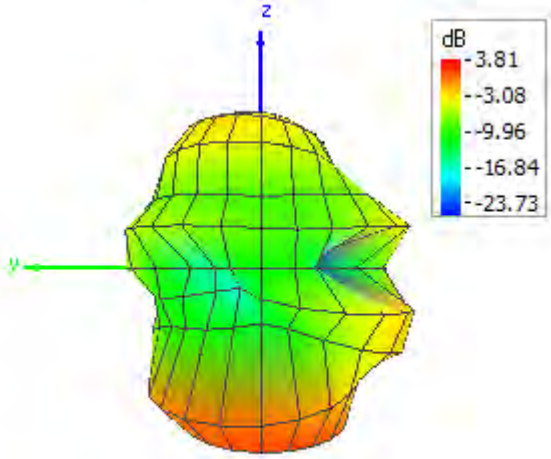
Theta = 180, Phi = 0



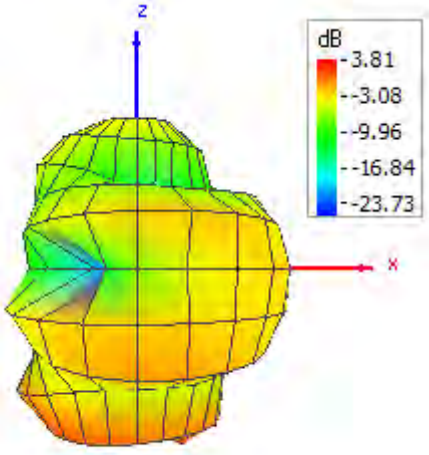
Theta = 90, Phi = 0



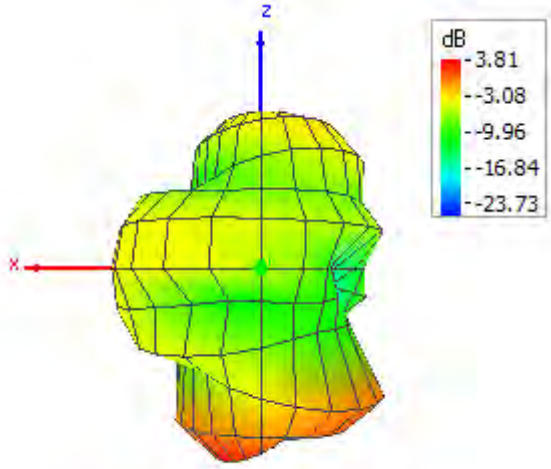
Theta = 90, Phi = 180



Theta = 90, Phi = 270

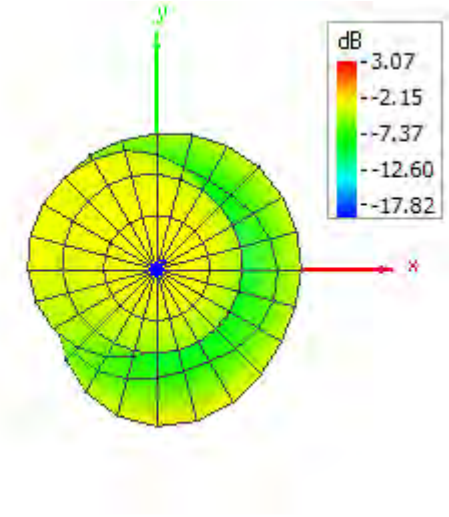


Theta = 90, Phi = 90

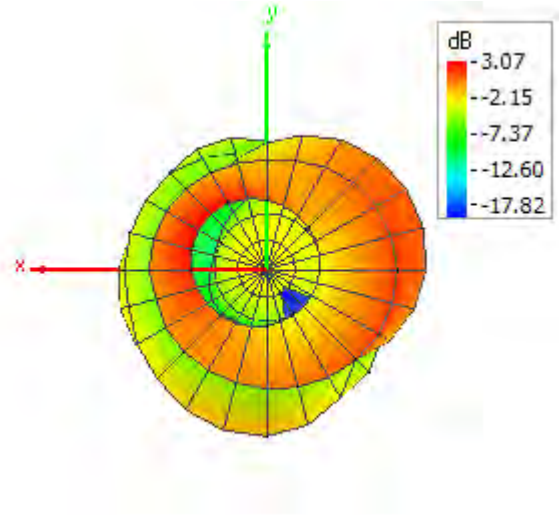


860 MHz 3D

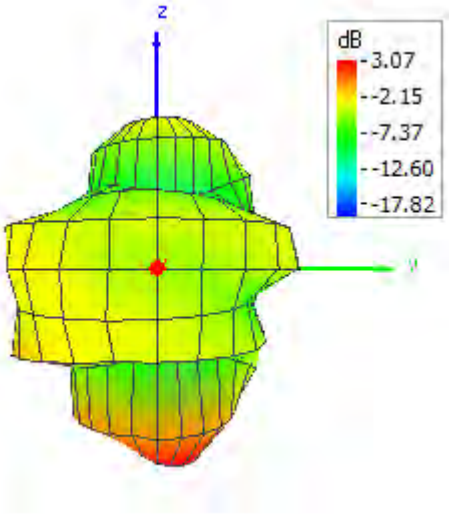
Theta = 0, Phi = 0



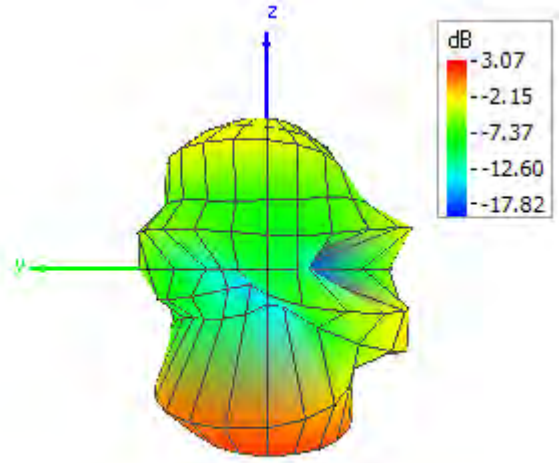
Theta = 180, Phi = 0



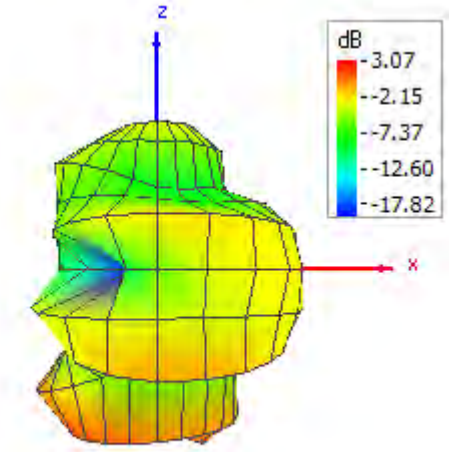
Theta = 90, Phi = 0



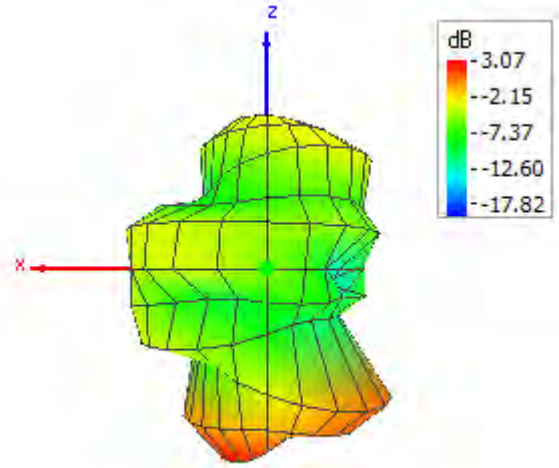
Theta = 90, Phi = 180



Theta = 90, Phi = 270

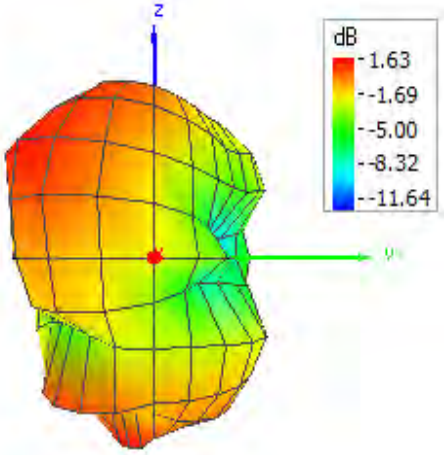


Theta = 90, Phi = 90

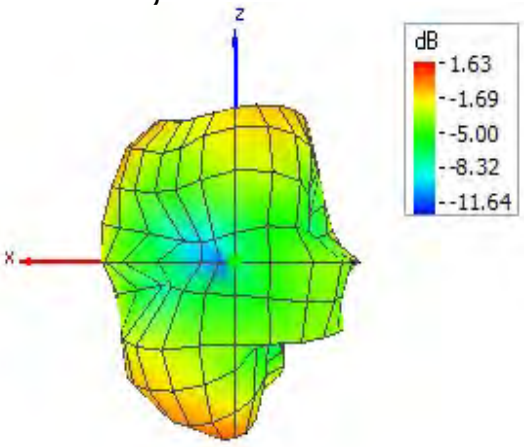


1710 MHz 3D

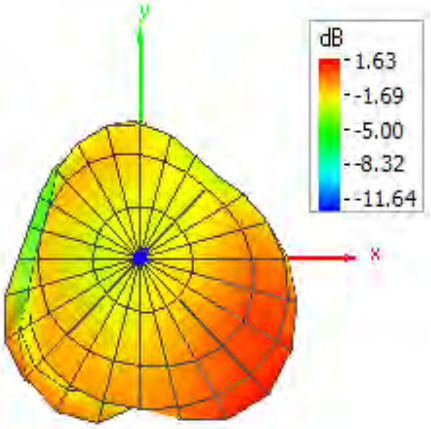
Theta = 90, Phi = 0



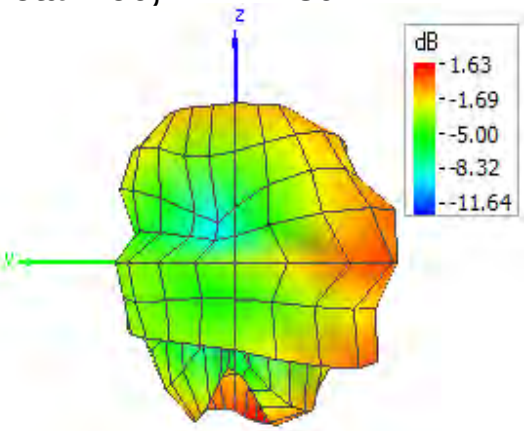
Theta = 90, Phi = 90



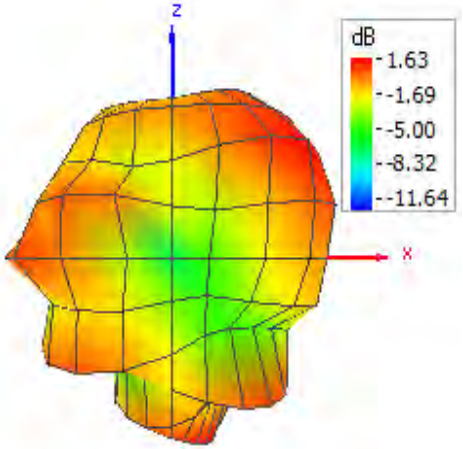
Theta = 0, Phi = 0



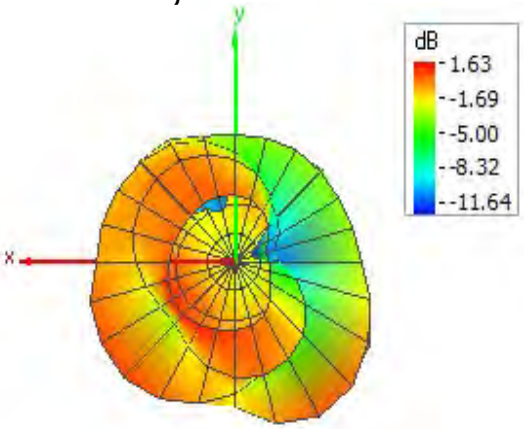
Theta = 90, Phi = 180



Theta = 90, Phi = 270

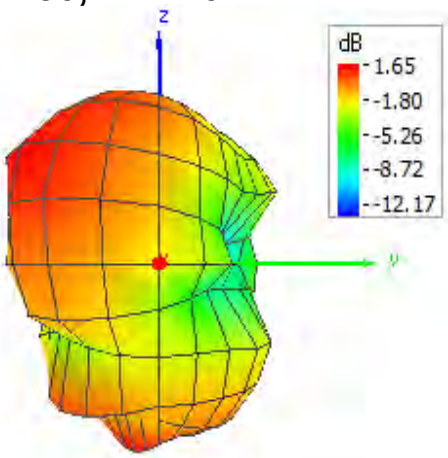


Theta = 180, Phi = 0

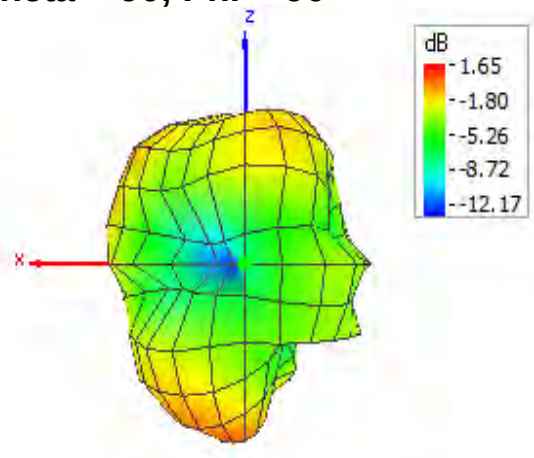


1730 MHz 3D

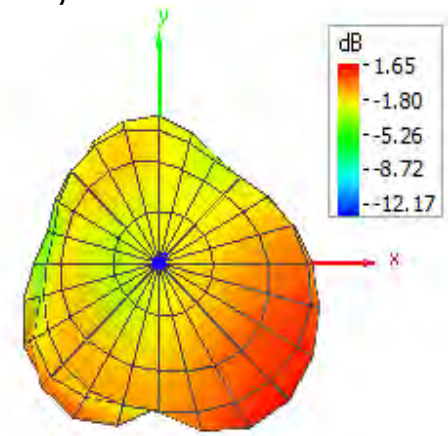
Theta = 90, Phi = 0



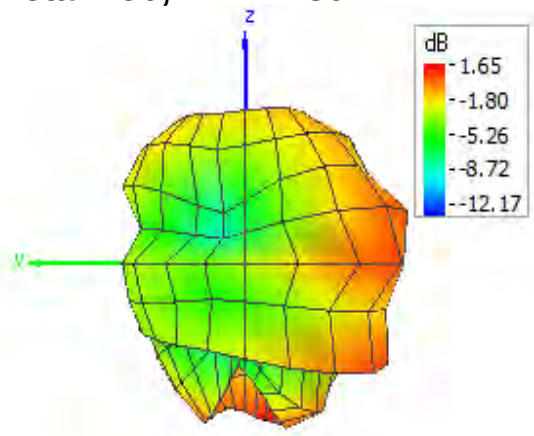
Theta = 90, Phi = 90



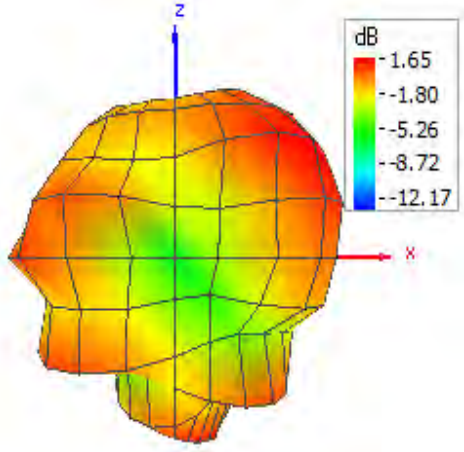
Theta = 0, Phi = 0



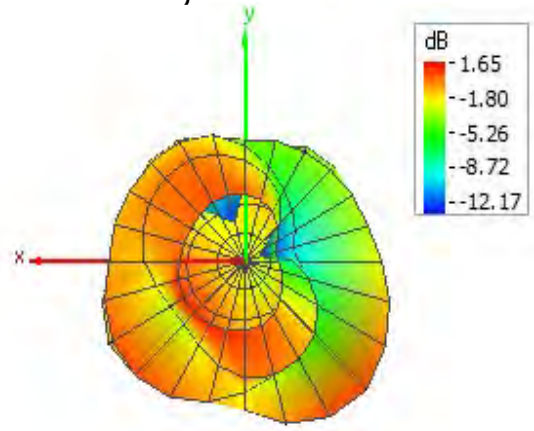
Theta = 90, Phi = 180



Theta = 90, Phi = 270

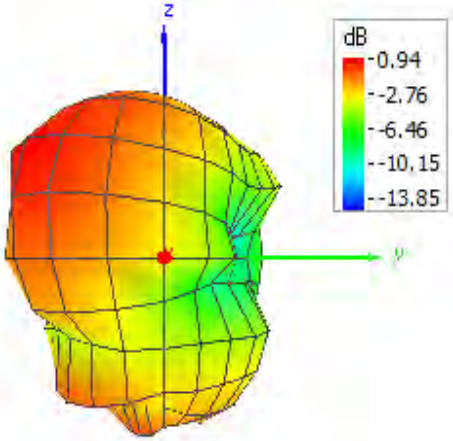


Theta = 180, Phi = 0

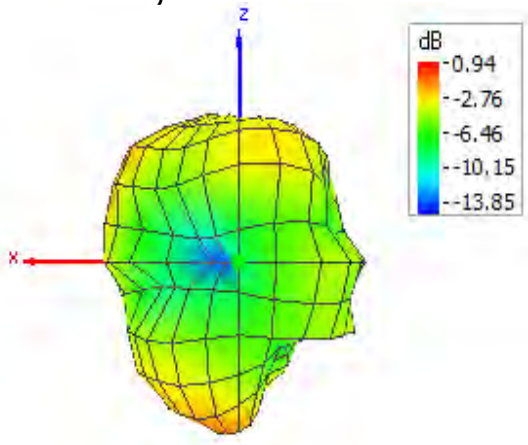


1750 MHz 3D

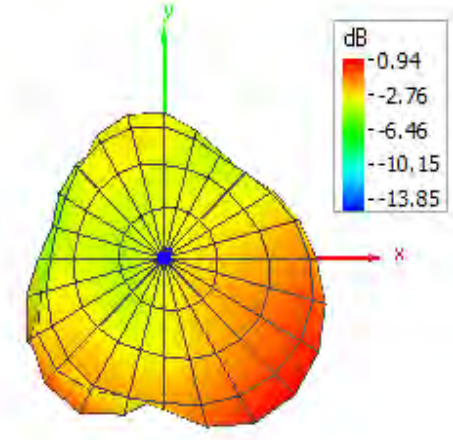
Theta = 90, Phi = 0



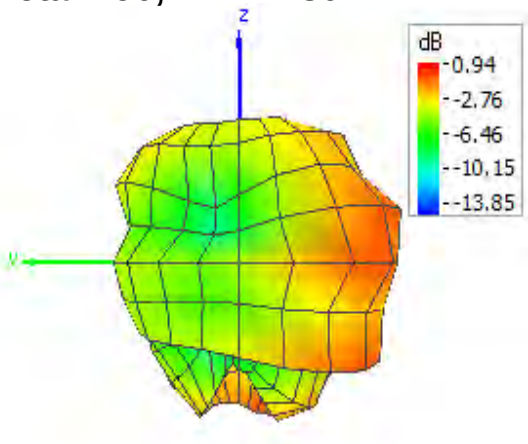
Theta = 90, Phi = 90



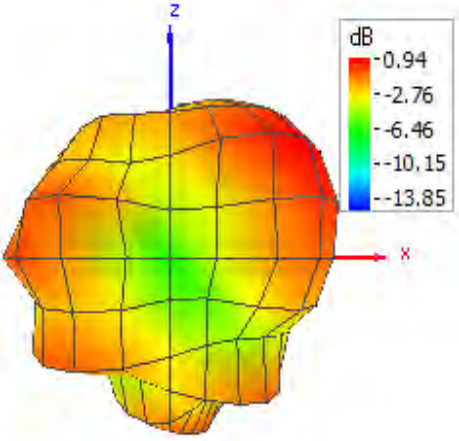
Theta = 0, Phi = 0



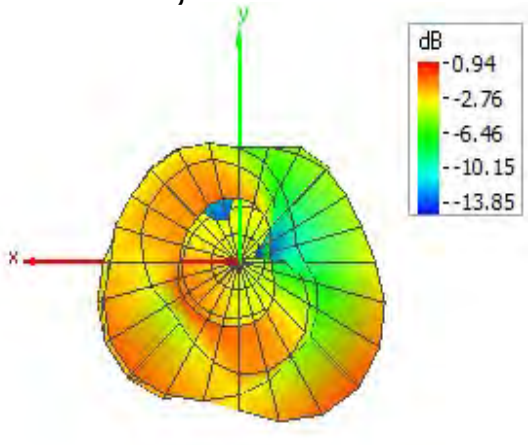
Theta = 90, Phi = 180



Theta = 90, Phi = 270

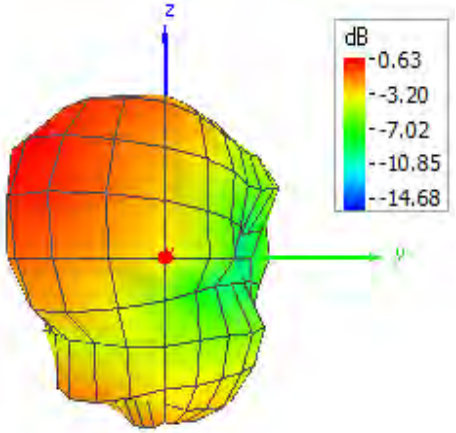


Theta = 180, Phi = 0

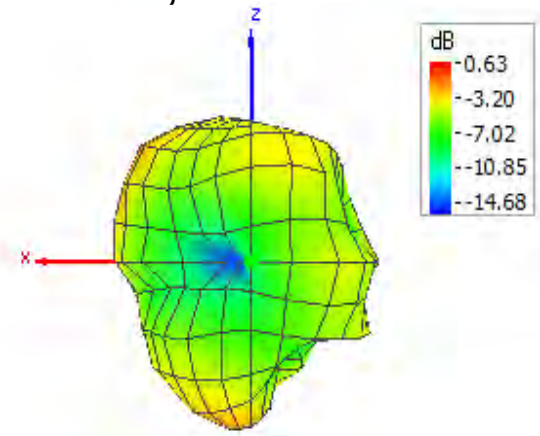


1770 MHz 3D

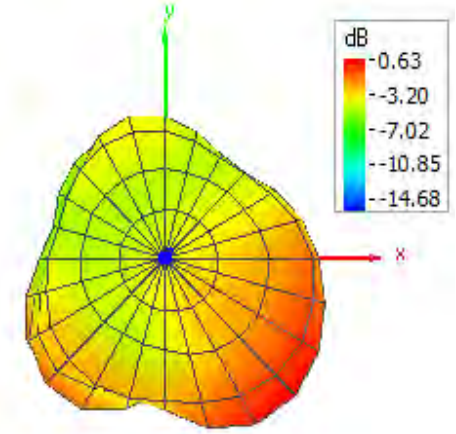
Theta = 90, Phi = 0



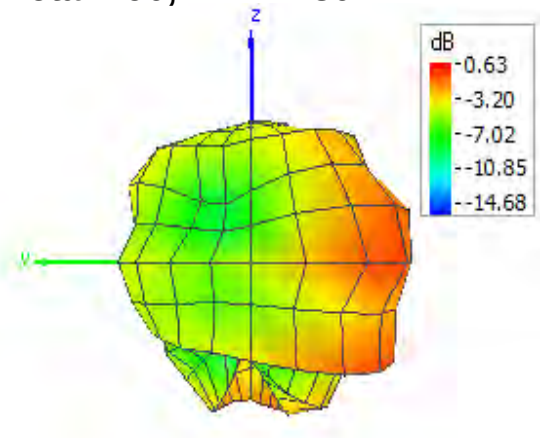
Theta = 90, Phi = 90



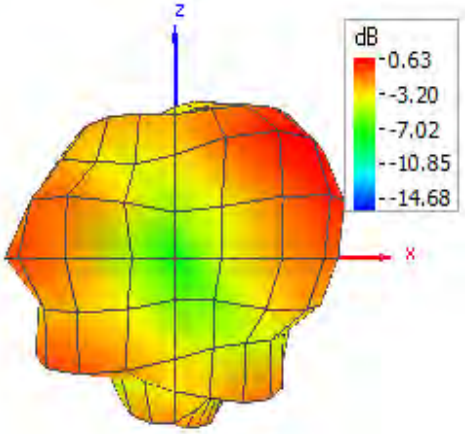
Theta = 0, Phi = 0



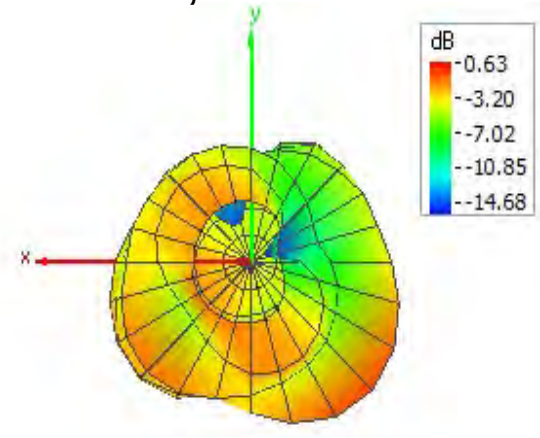
Theta = 90, Phi = 180



Theta = 90, Phi = 270

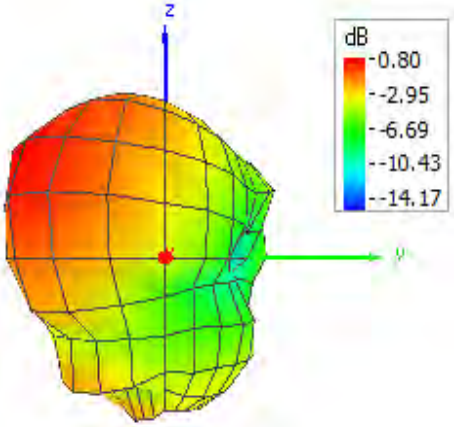


Theta = 180, Phi = 0

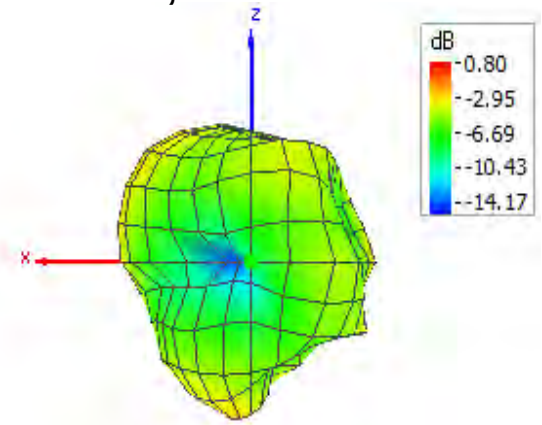


1790 MHz 3D

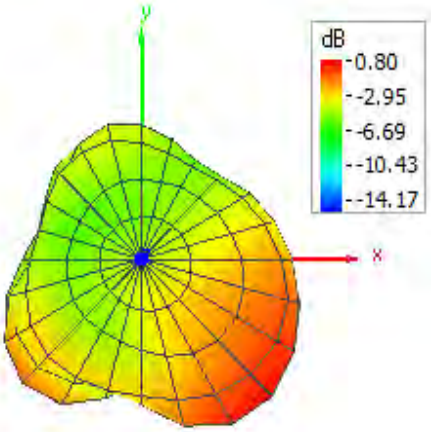
Theta = 90, Phi = 0



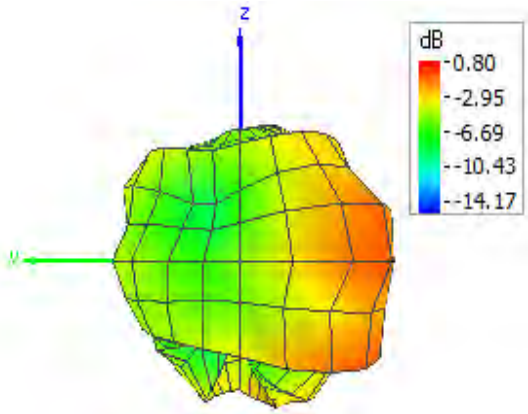
Theta = 90, Phi = 90



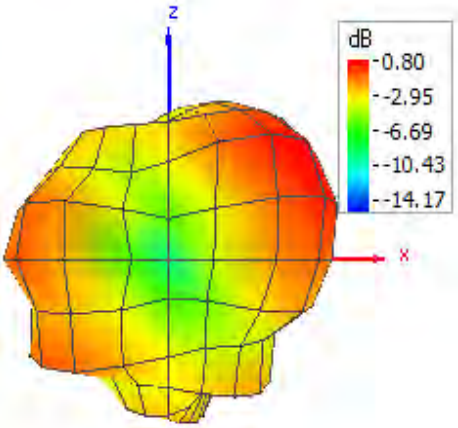
Theta = 0, Phi = 0



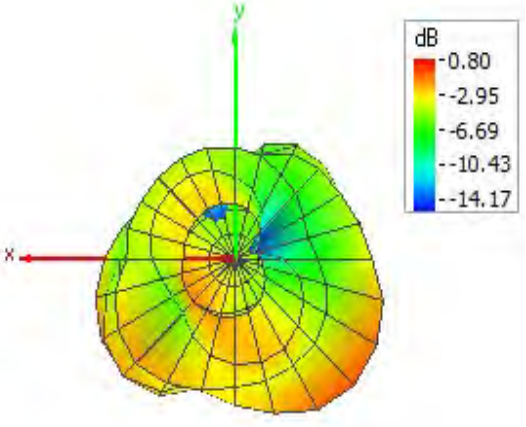
Theta = 90, Phi = 180



Theta = 90, Phi = 270

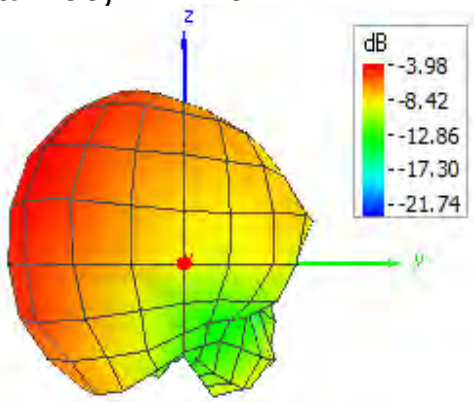


Theta = 180, Phi = 0

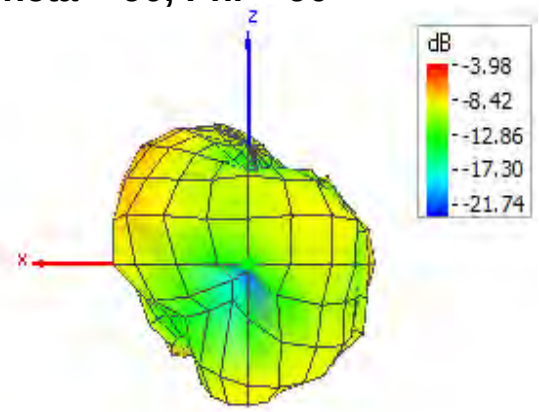


1850 MHz 3D

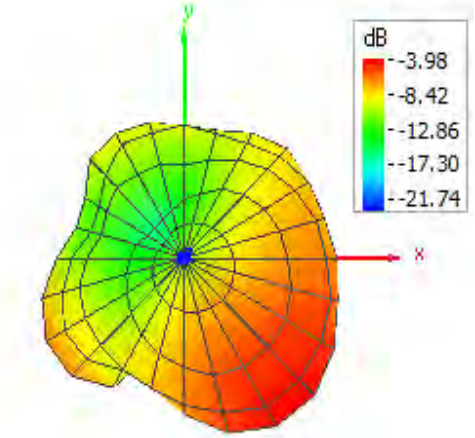
Theta = 90, Phi = 0



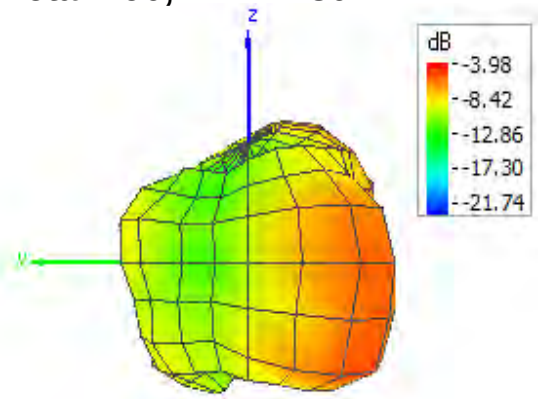
Theta = 90, Phi = 90



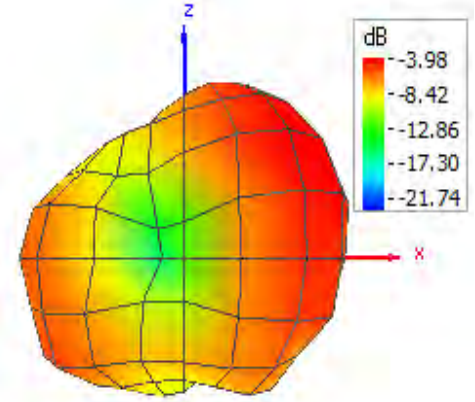
Theta = 0, Phi = 0



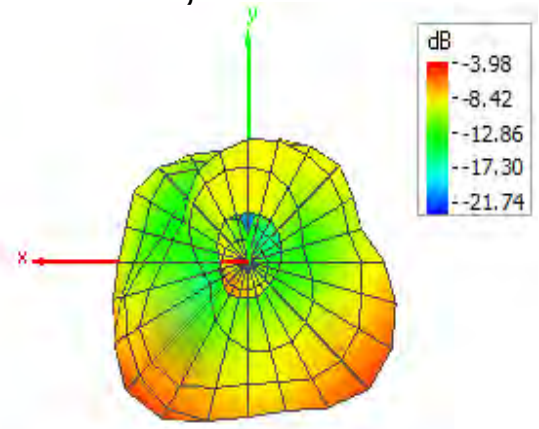
Theta = 90, Phi = 180



Theta = 90, Phi = 270

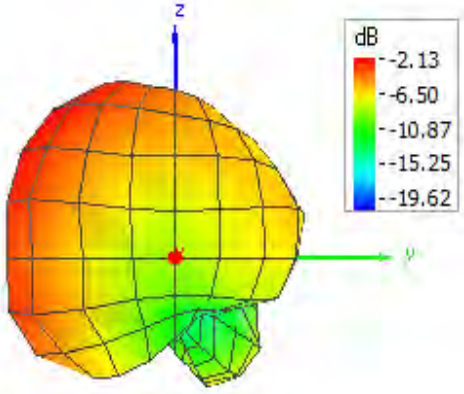


Theta = 180, Phi = 0

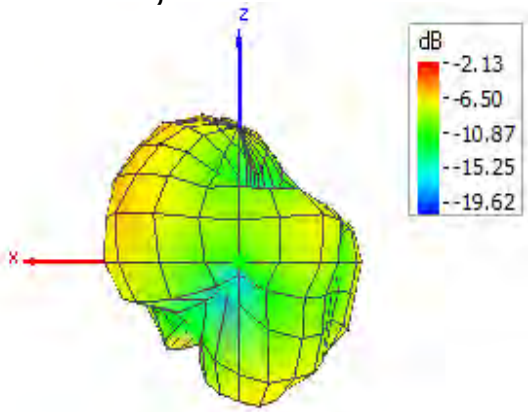


1870 MHz 3D

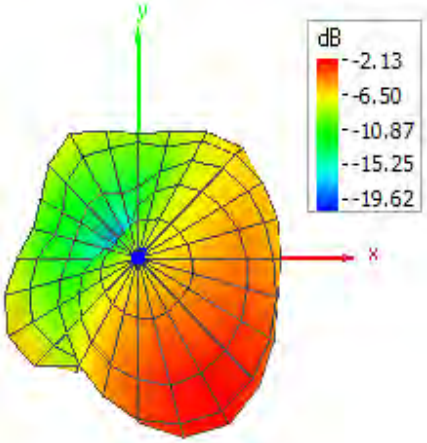
Theta = 90, Phi = 0



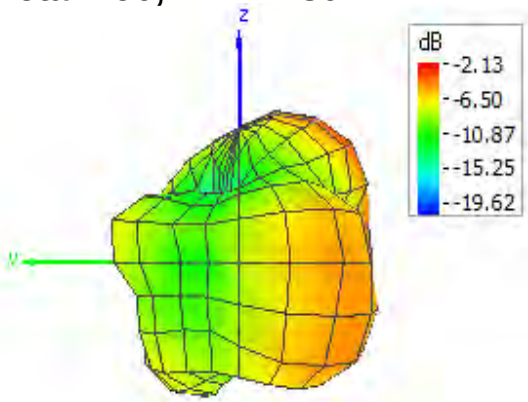
Theta = 90, Phi = 90



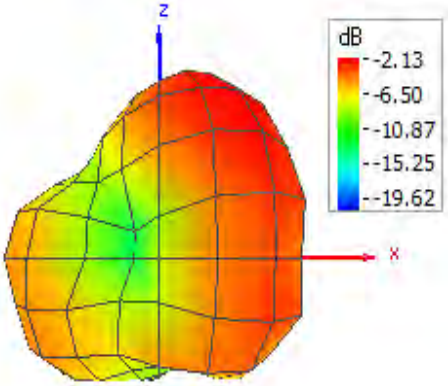
Theta = 0, Phi = 0



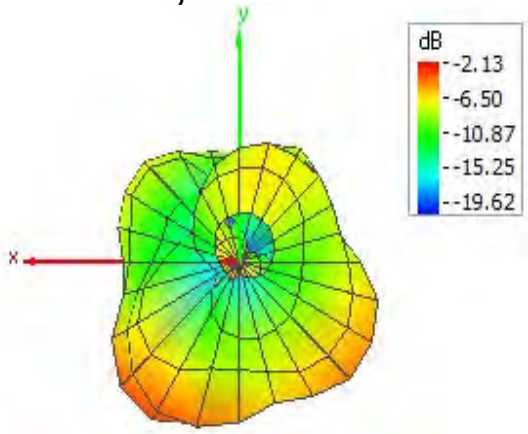
Theta = 90, Phi = 180



Theta = 90, Phi = 270

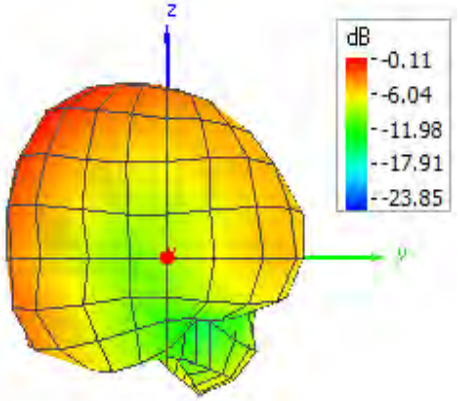


Theta = 180, Phi = 0

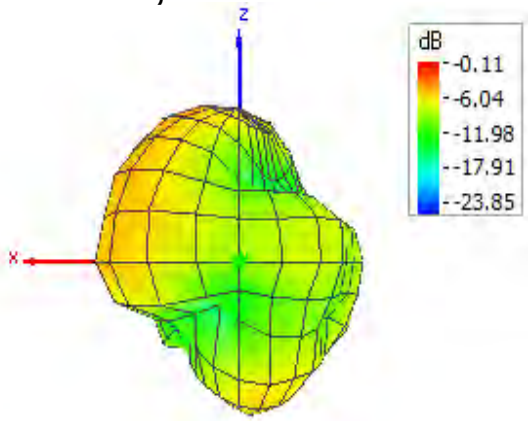


1890 MHz 3D

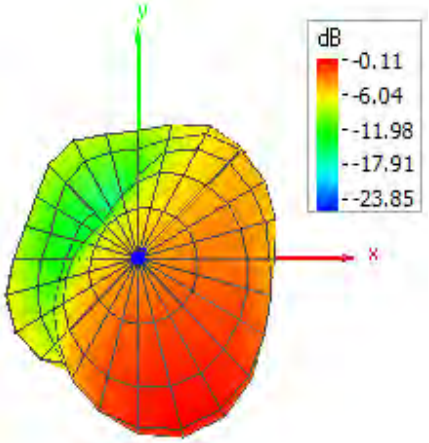
Theta = 90, Phi = 0



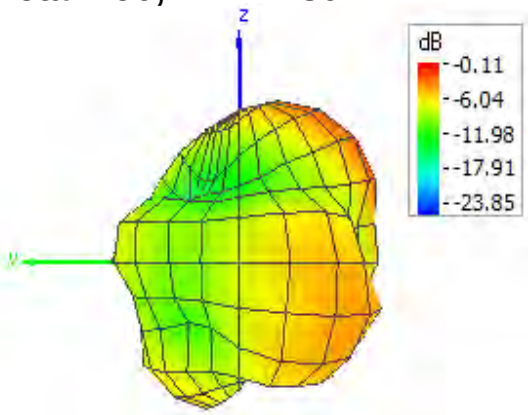
Theta = 90, Phi = 90



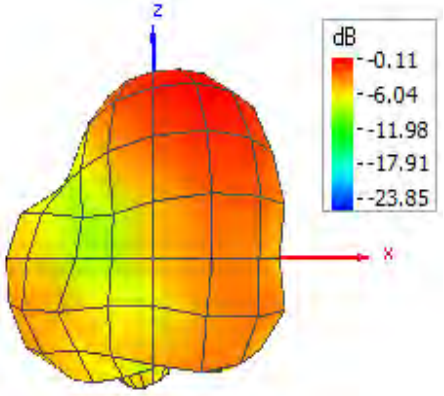
Theta = 0, Phi = 0



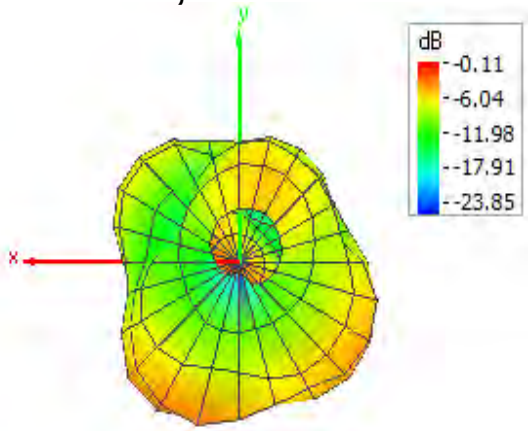
Theta = 90, Phi = 180



Theta = 90, Phi = 270

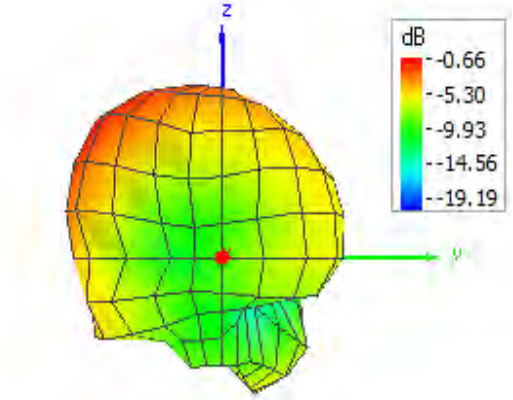


Theta = 180, Phi = 0

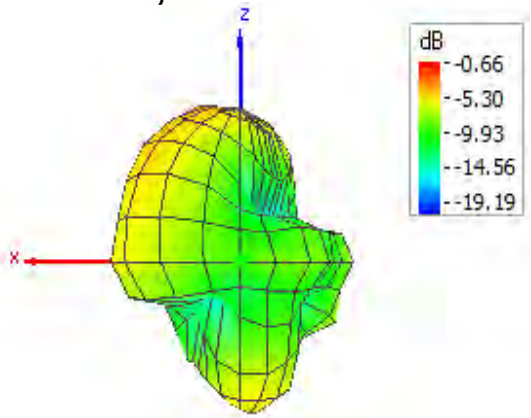


1910 MHz 3D

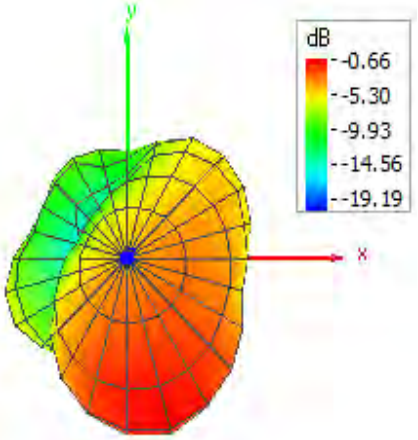
Theta = 90, Phi = 0



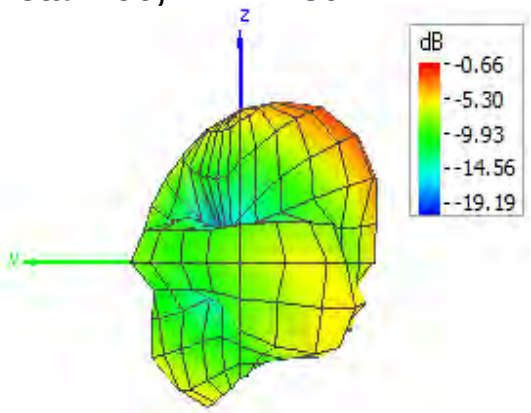
Theta = 90, Phi = 90



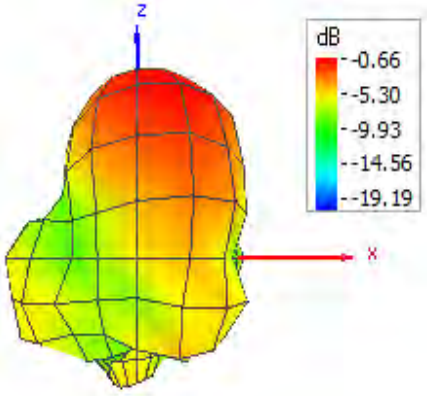
Theta = 0, Phi = 0



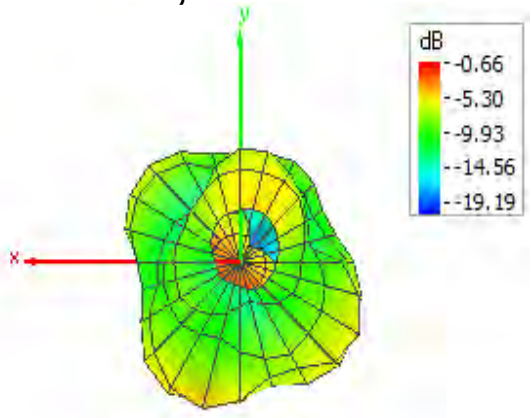
Theta = 90, Phi = 180



Theta = 90, Phi = 270

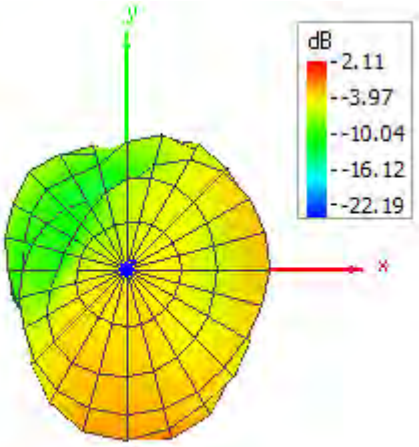


Theta = 180, Phi = 0

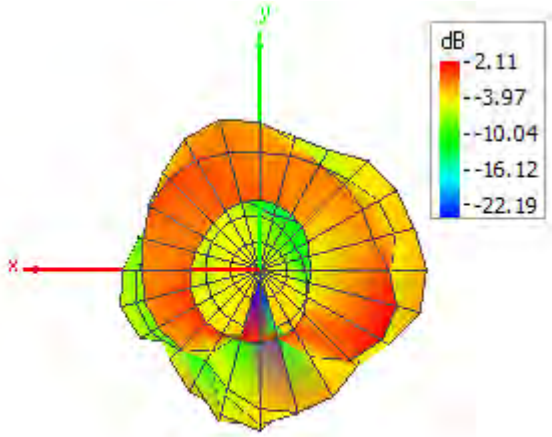


1930 MHz 3D

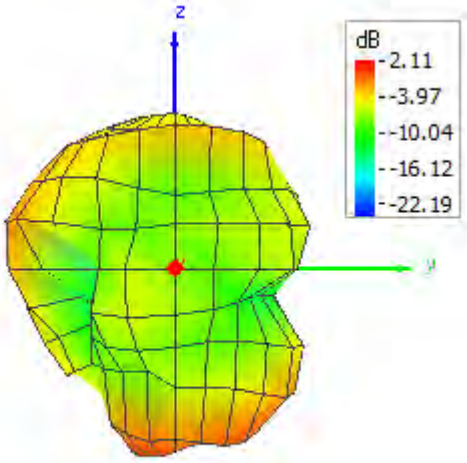
Theta = 0, Phi = 0



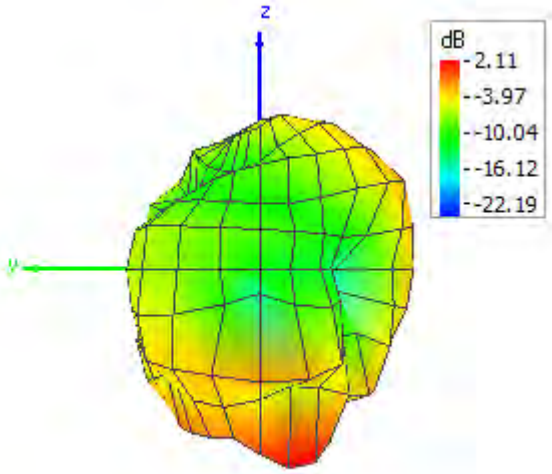
Theta = 180, Phi = 0



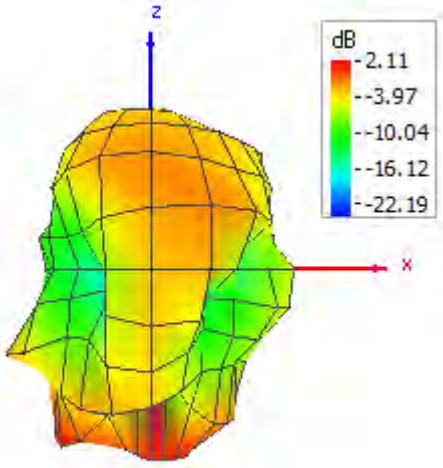
Theta = 90, Phi = 0



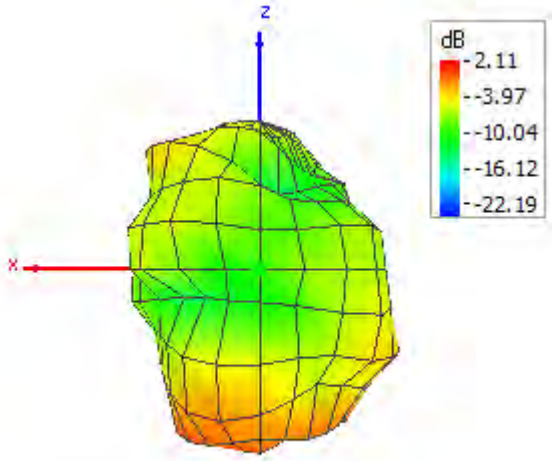
Theta = 90, Phi = 180



Theta = 90, Phi = 270

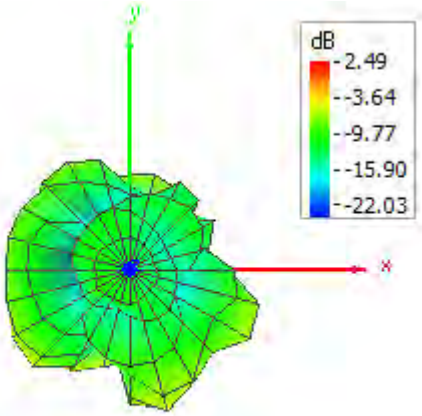


Theta = 90, Phi = 90

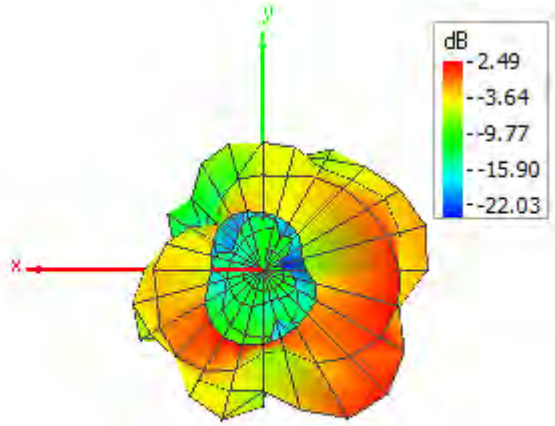


2490 MHz 3D

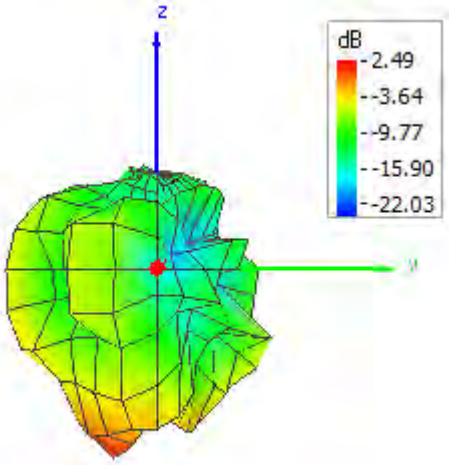
Theta = 0, Phi = 0



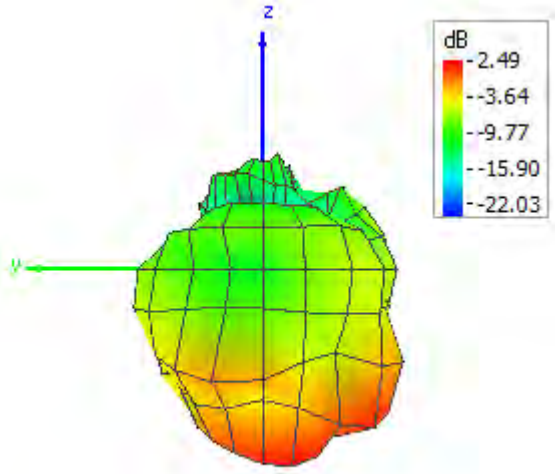
Theta = 180, Phi = 0



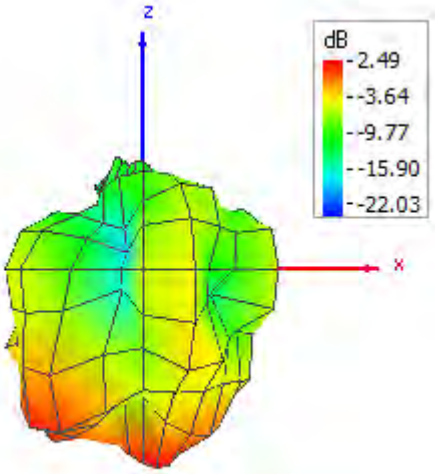
Theta = 90, Phi = 0



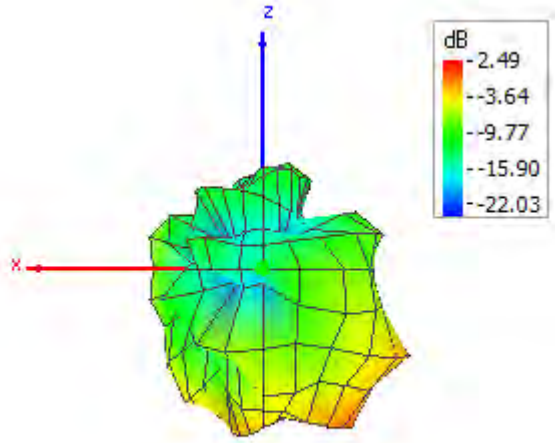
Theta = 90, Phi = 180



Theta = 90, Phi = 270

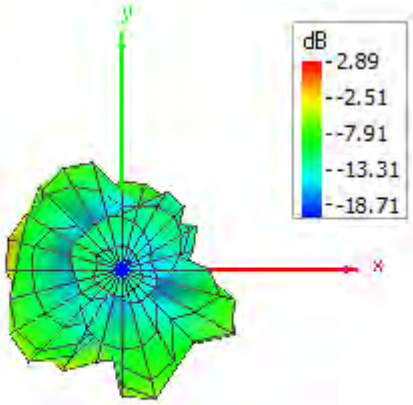


Theta = 90, Phi = 90

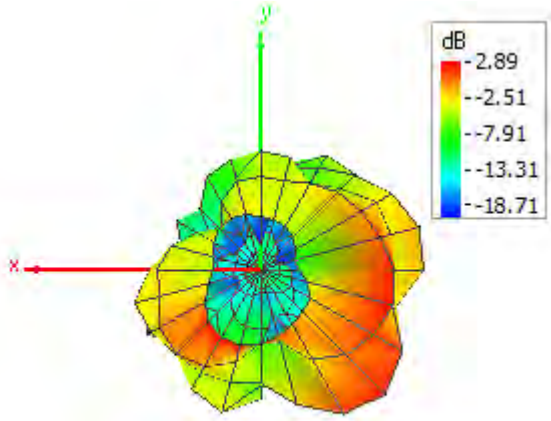


2510 MHz 3D

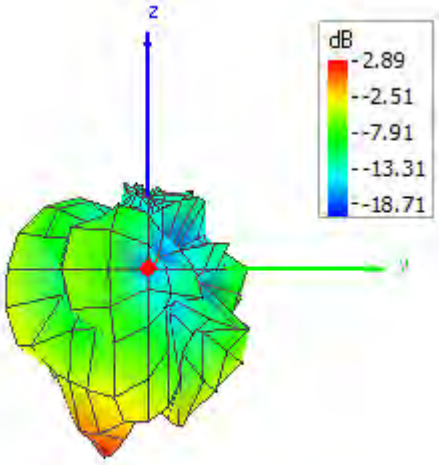
Theta = 0, Phi = 0



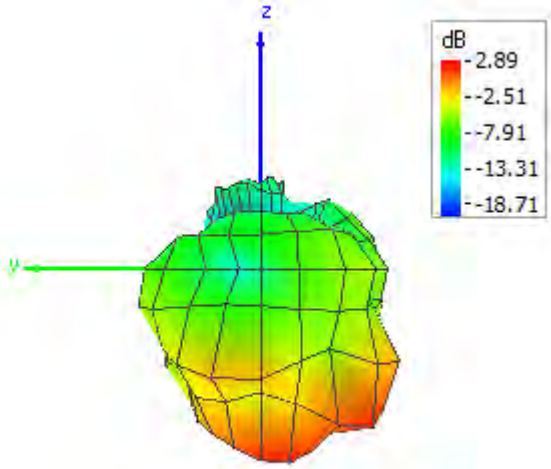
Theta = 180, Phi = 0



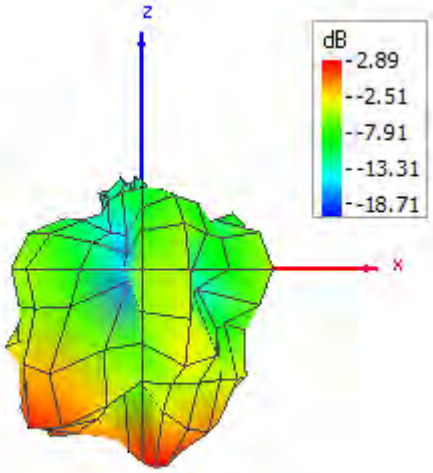
Theta = 90, Phi = 0



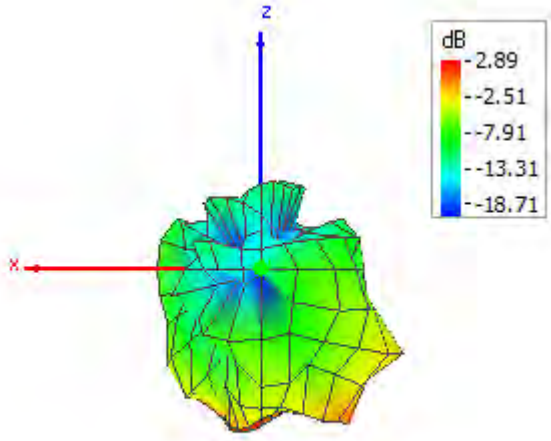
Theta = 90, Phi = 180



Theta = 90, Phi = 270

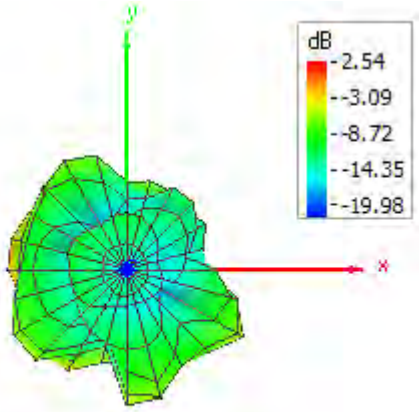


Theta = 90, Phi = 90

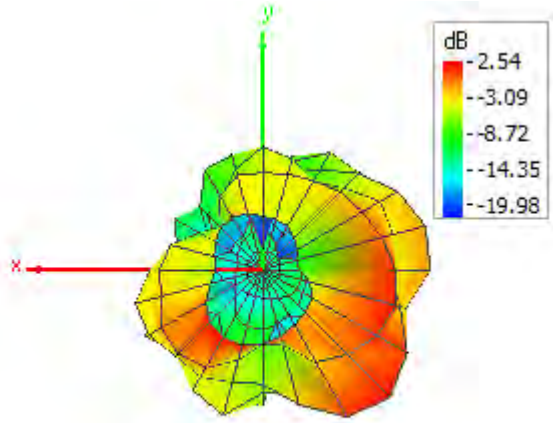


2530 MHz 3D

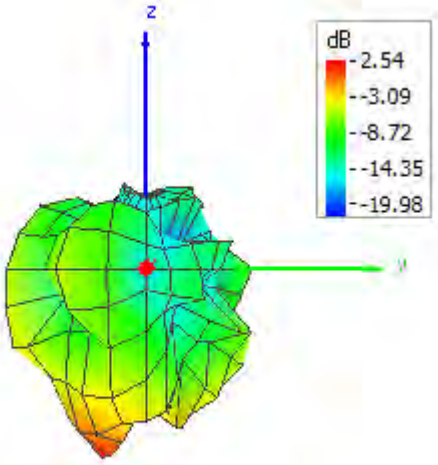
Theta = 0, Phi = 0



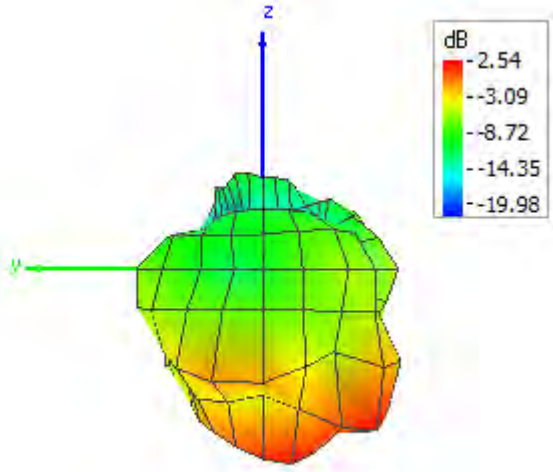
Theta = 180, Phi = 0



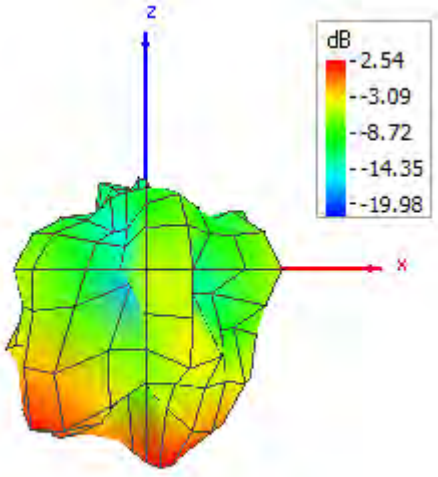
Theta = 90, Phi = 0



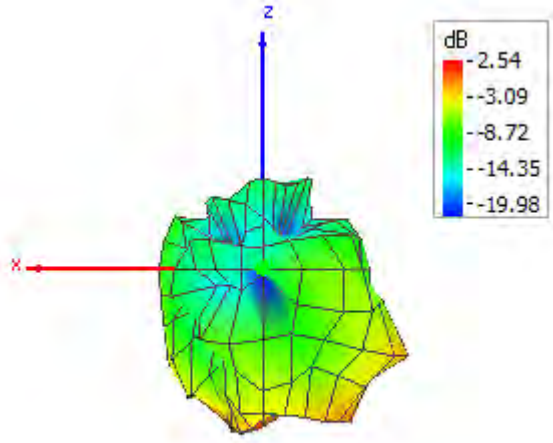
Theta = 90, Phi = 180



Theta = 90, Phi = 270

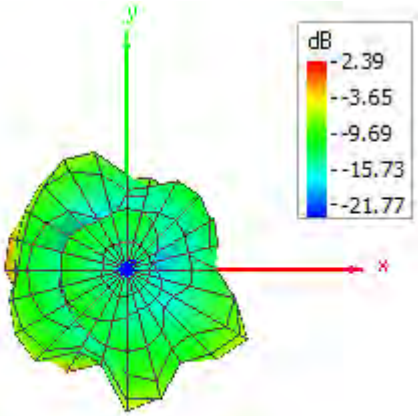


Theta = 90, Phi = 90

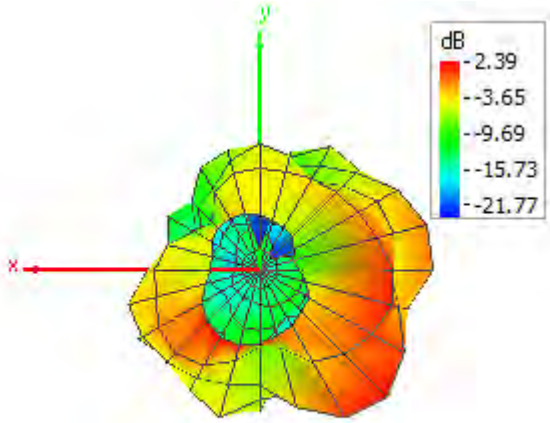


2550 MHz 3D

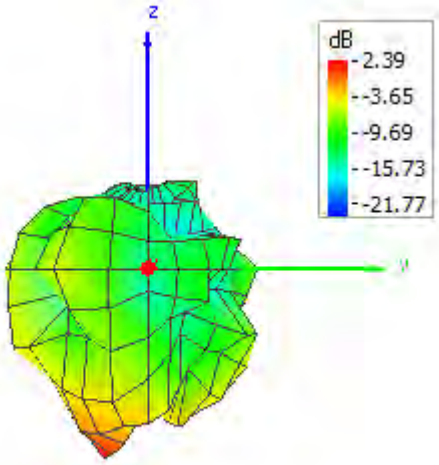
Theta = 0, Phi = 0



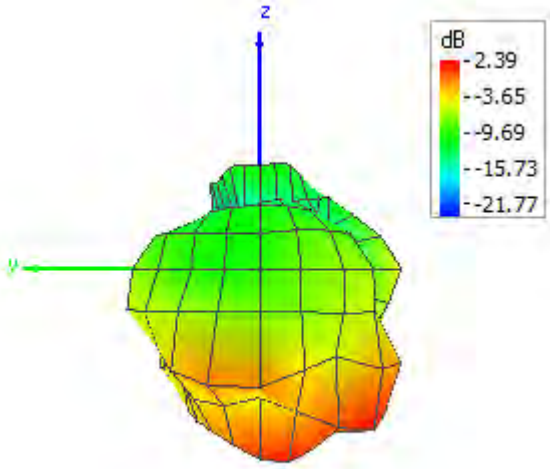
Theta = 180, Phi = 0



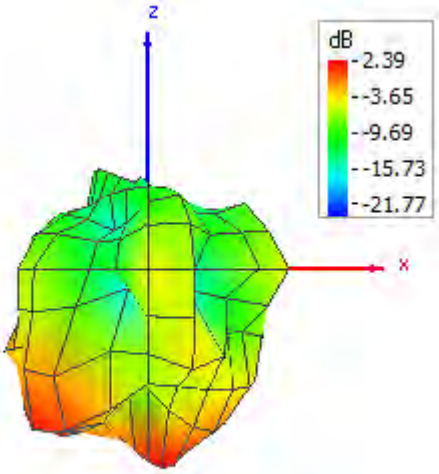
Theta = 90, Phi = 0



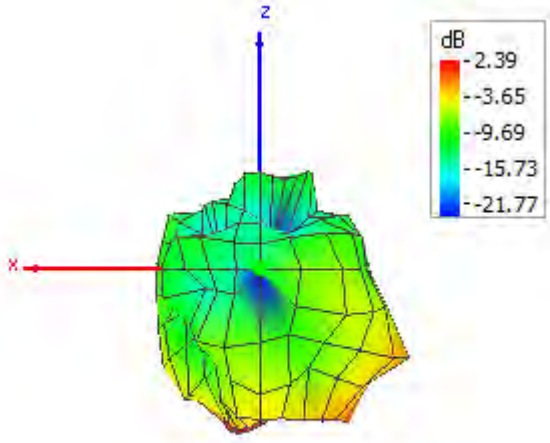
Theta = 90, Phi = 180



Theta = 90, Phi = 270

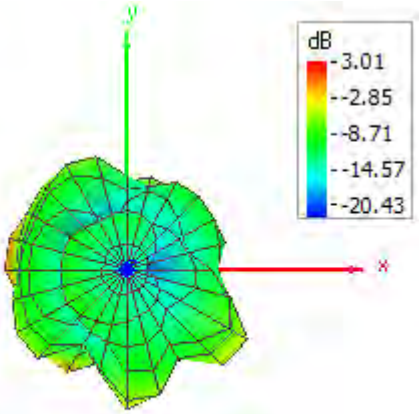


Theta = 90, Phi = 90

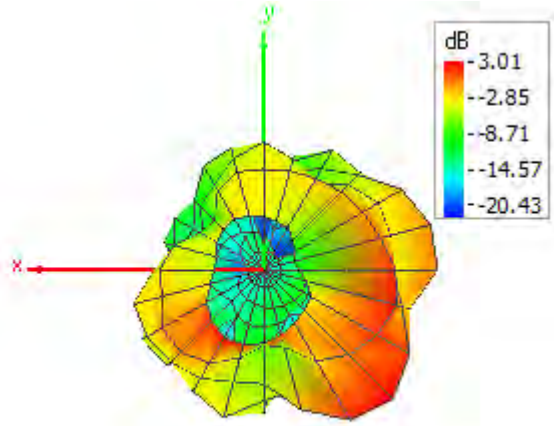


2570 MHz 3D

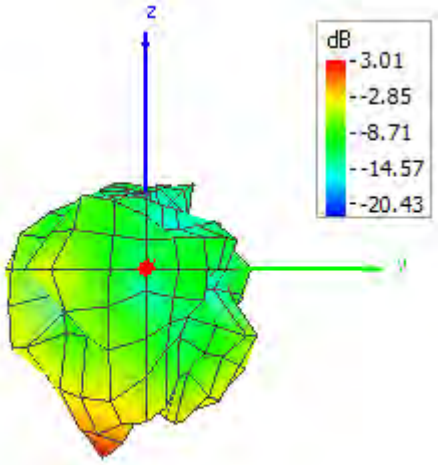
Theta = 0, Phi = 0



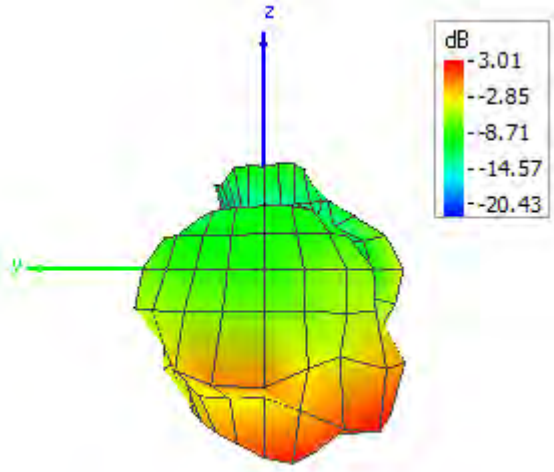
Theta = 180, Phi = 0



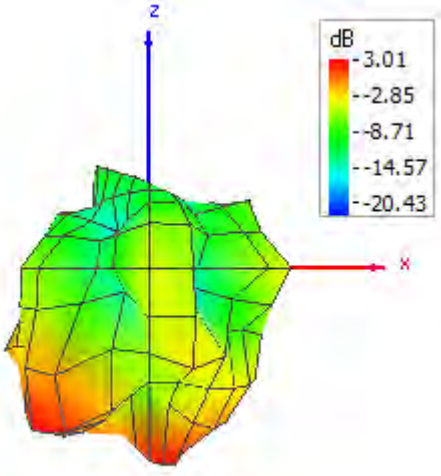
Theta = 90, Phi = 0



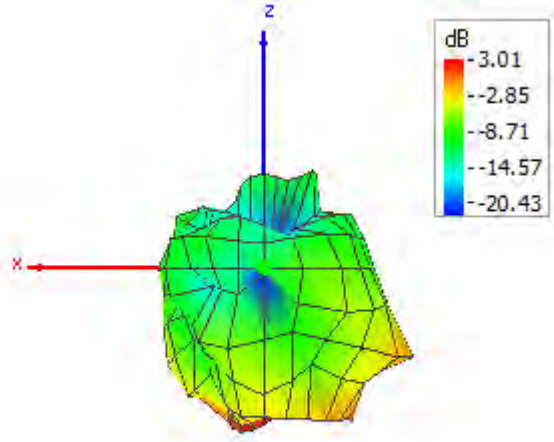
Theta = 90, Phi = 180



Theta = 90, Phi = 270

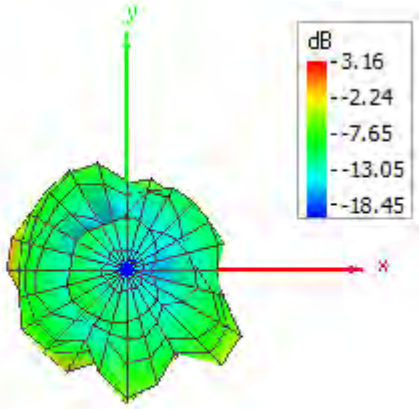


Theta = 90, Phi = 90

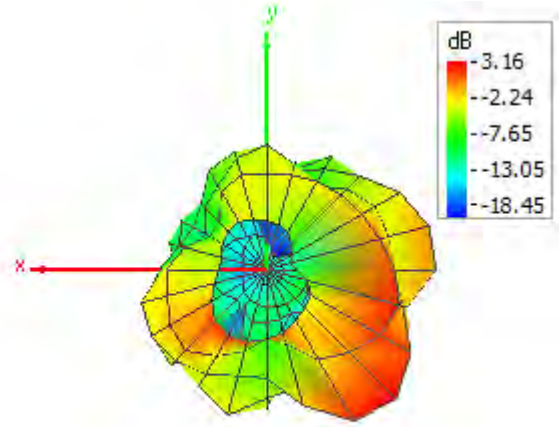


2590 MHz 3D

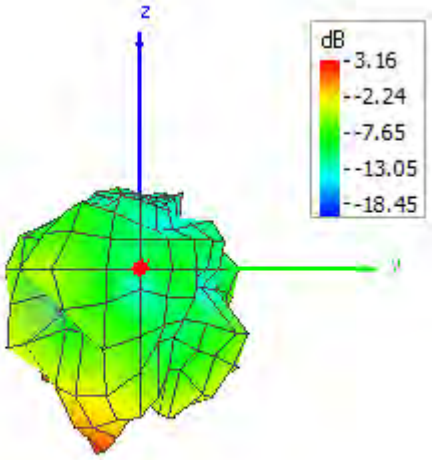
Theta = 0, Phi = 0



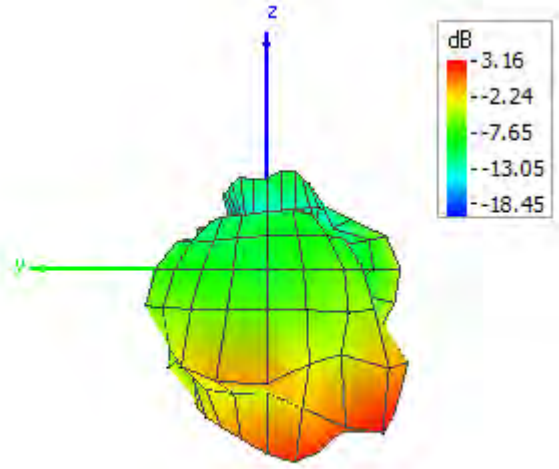
Theta = 180, Phi = 0



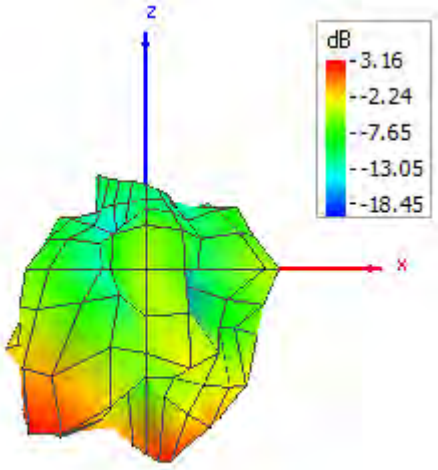
Theta = 90, Phi = 0



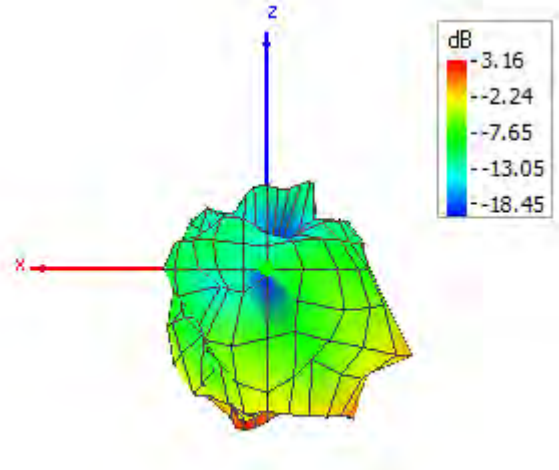
Theta = 90, Phi = 180



Theta = 90, Phi = 270

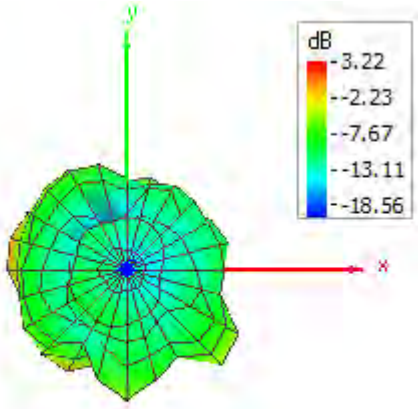


Theta = 90, Phi = 90

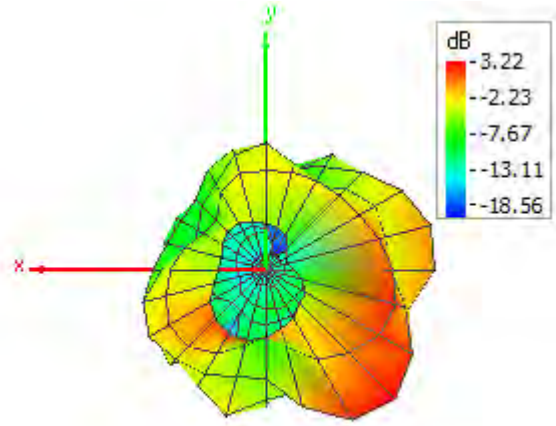


2610 MHz 3D

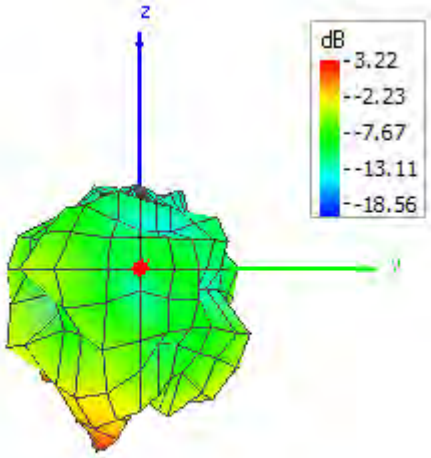
Theta = 0, Phi = 0



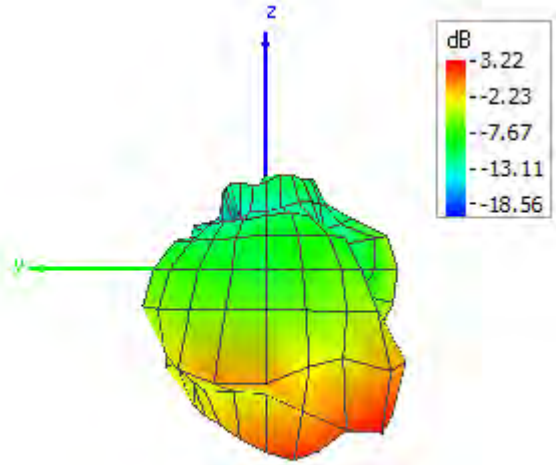
Theta = 180, Phi = 0



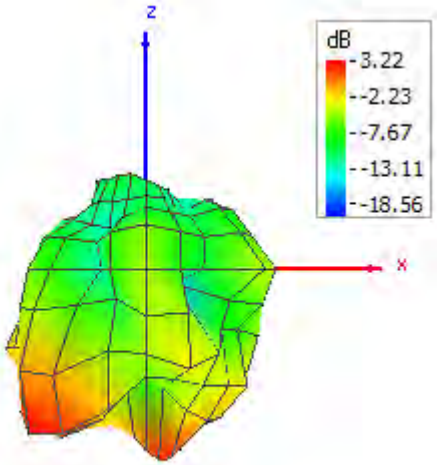
Theta = 90, Phi = 0



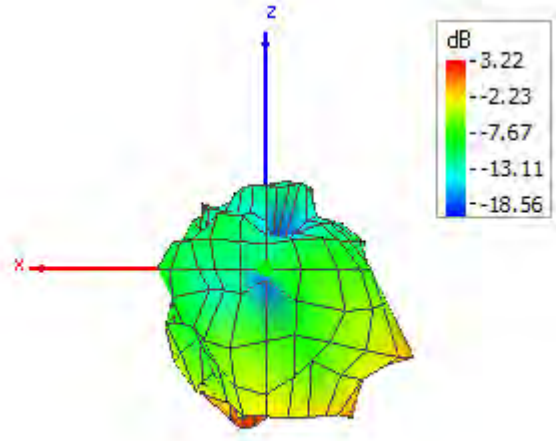
Theta = 90, Phi = 180



Theta = 90, Phi = 270

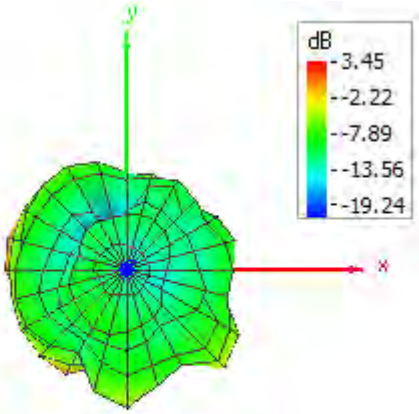


Theta = 90, Phi = 90

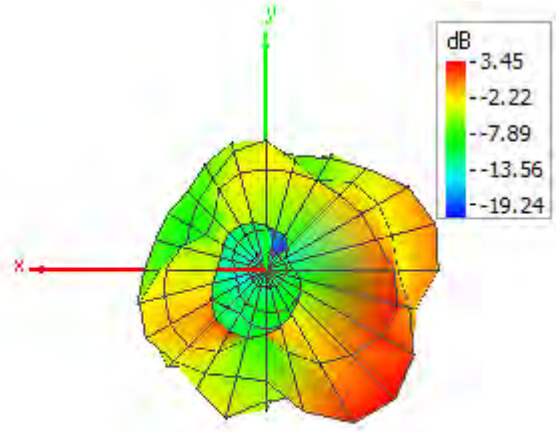


2630 MHz 3D

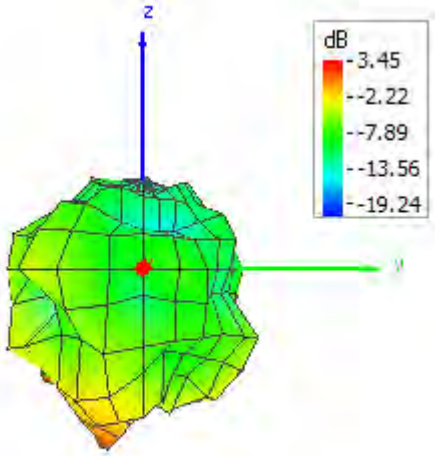
Theta = 0, Phi = 0



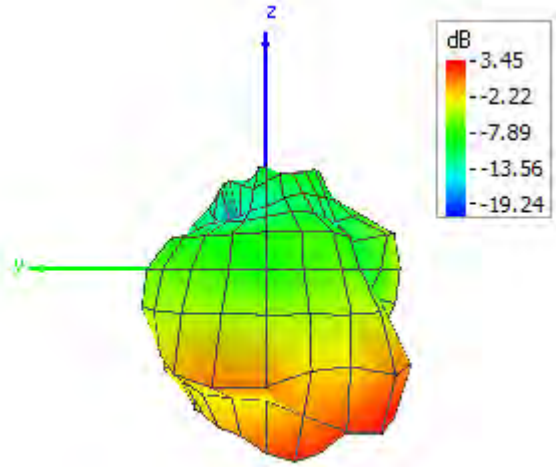
Theta = 180, Phi = 0



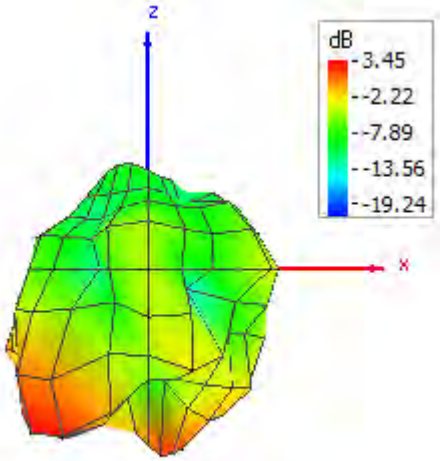
Theta = 90, Phi = 0



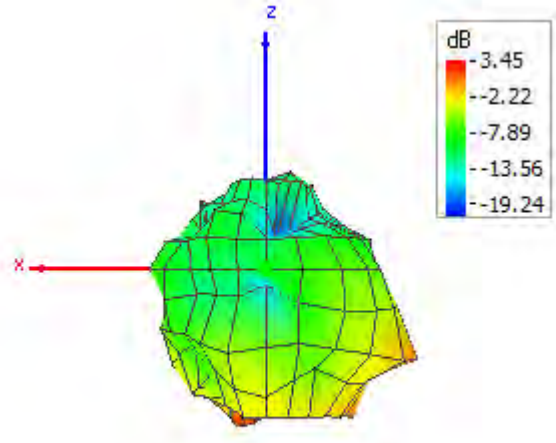
Theta = 90, Phi = 180



Theta = 90, Phi = 270

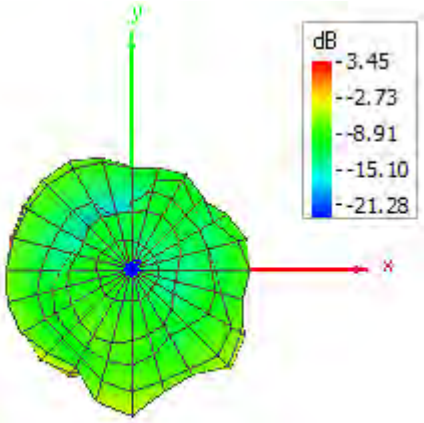


Theta = 90, Phi = 90

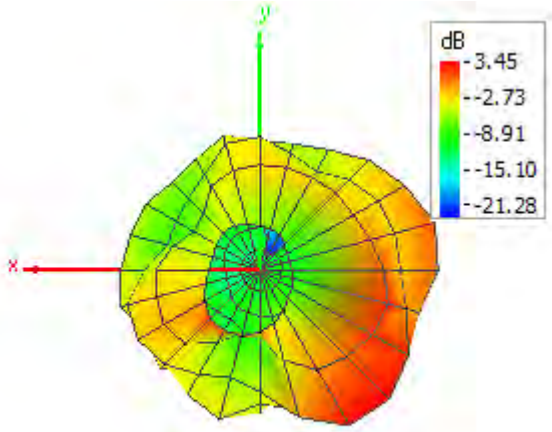


2650 MHz 3D

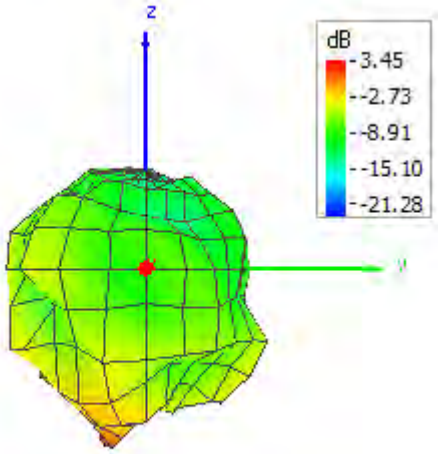
Theta = 0, Phi = 0



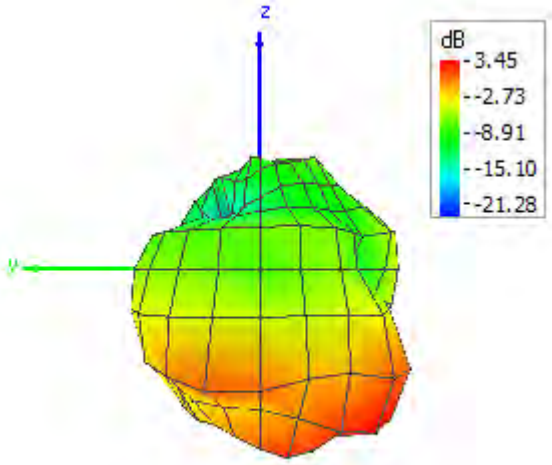
Theta = 180, Phi = 0



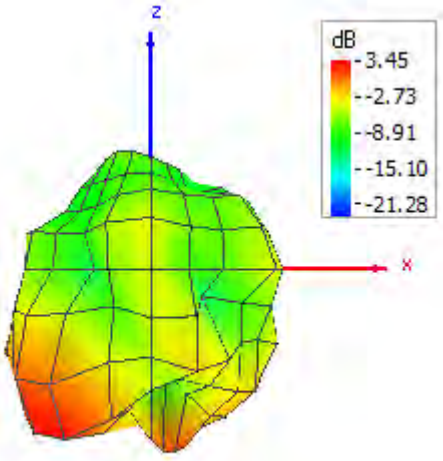
Theta = 90, Phi = 0



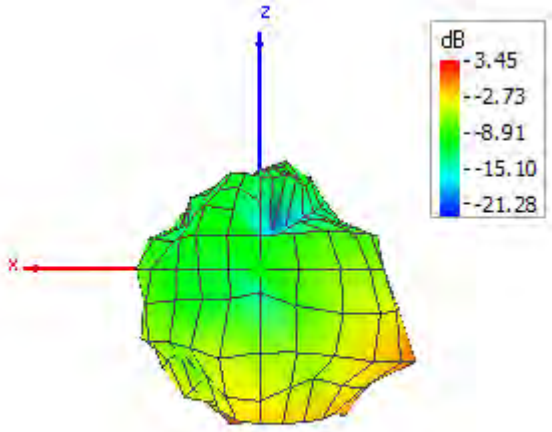
Theta = 90, Phi = 180



Theta = 90, Phi = 270

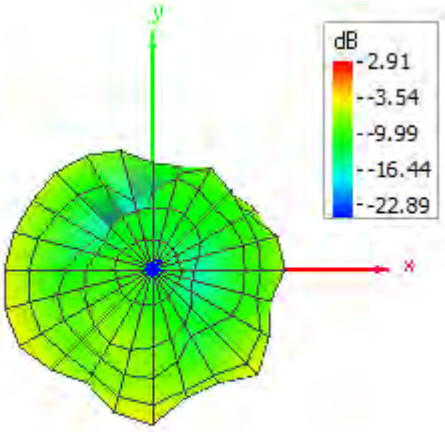


Theta = 90, Phi = 90

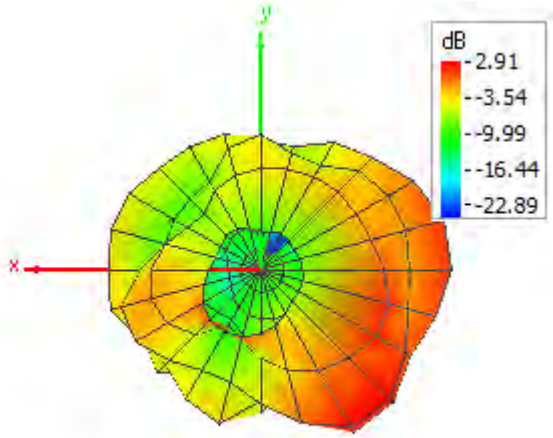


2670 MHz 3D

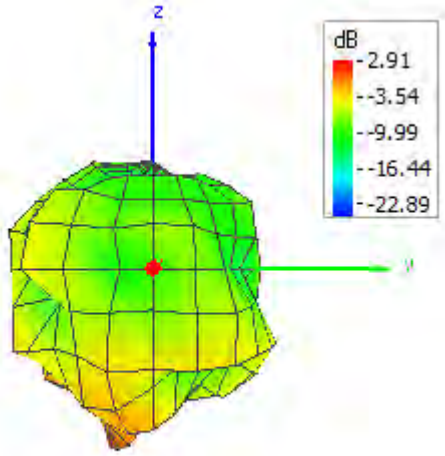
Theta = 0, Phi = 0



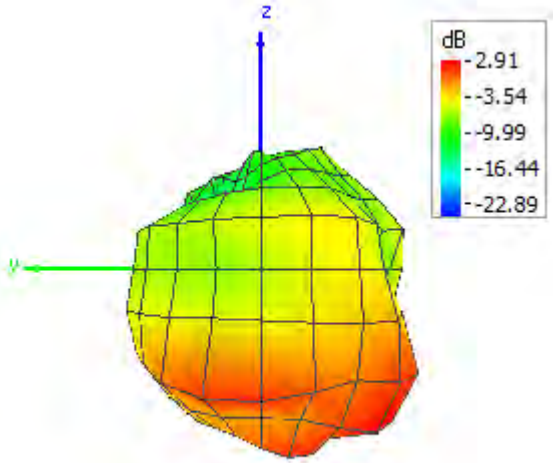
Theta = 180, Phi = 0



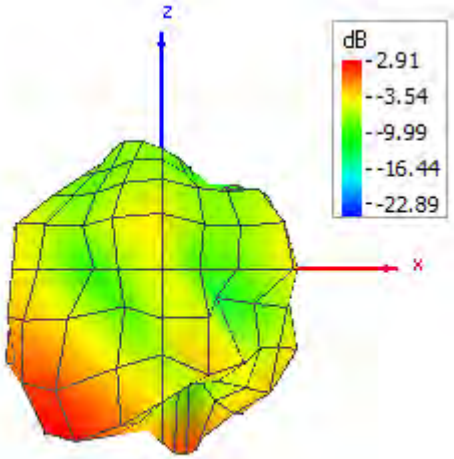
Theta = 90, Phi = 0



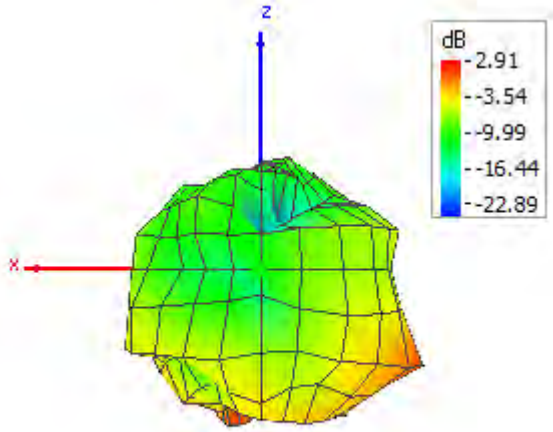
Theta = 90, Phi = 180



Theta = 90, Phi = 270

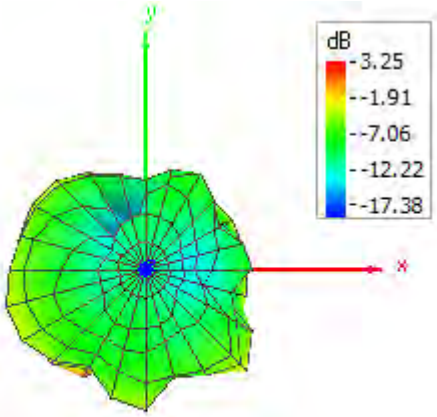


Theta = 90, Phi = 90

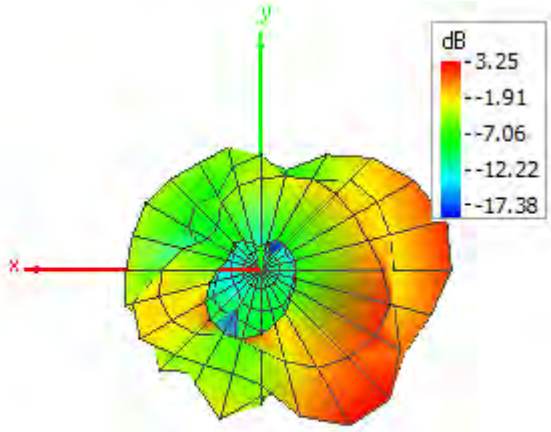


2690 MHz 3D

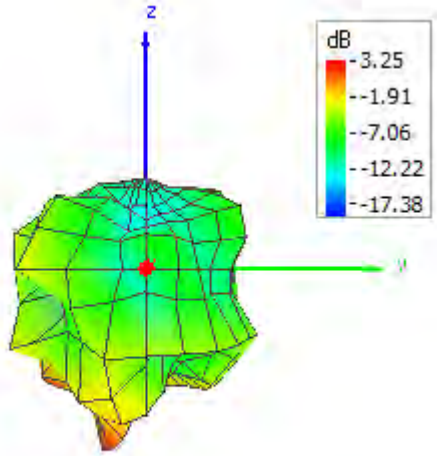
Theta = 0, Phi = 0



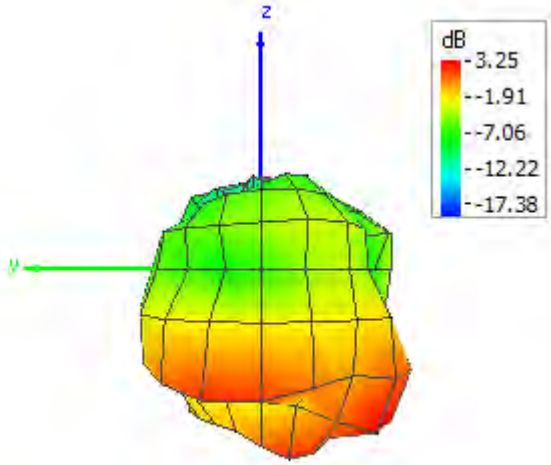
Theta = 180, Phi = 0



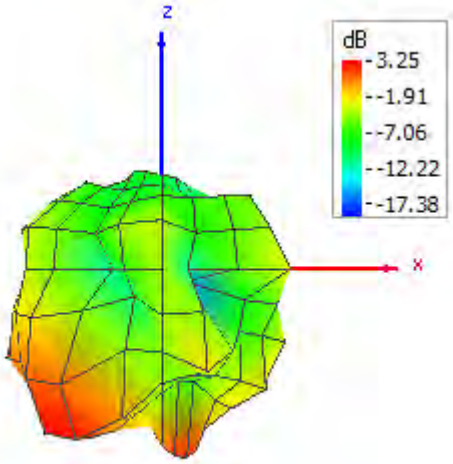
Theta = 90, Phi = 0



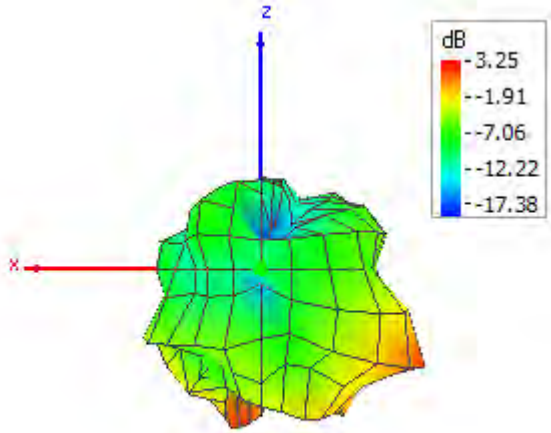
Theta = 90, Phi = 180



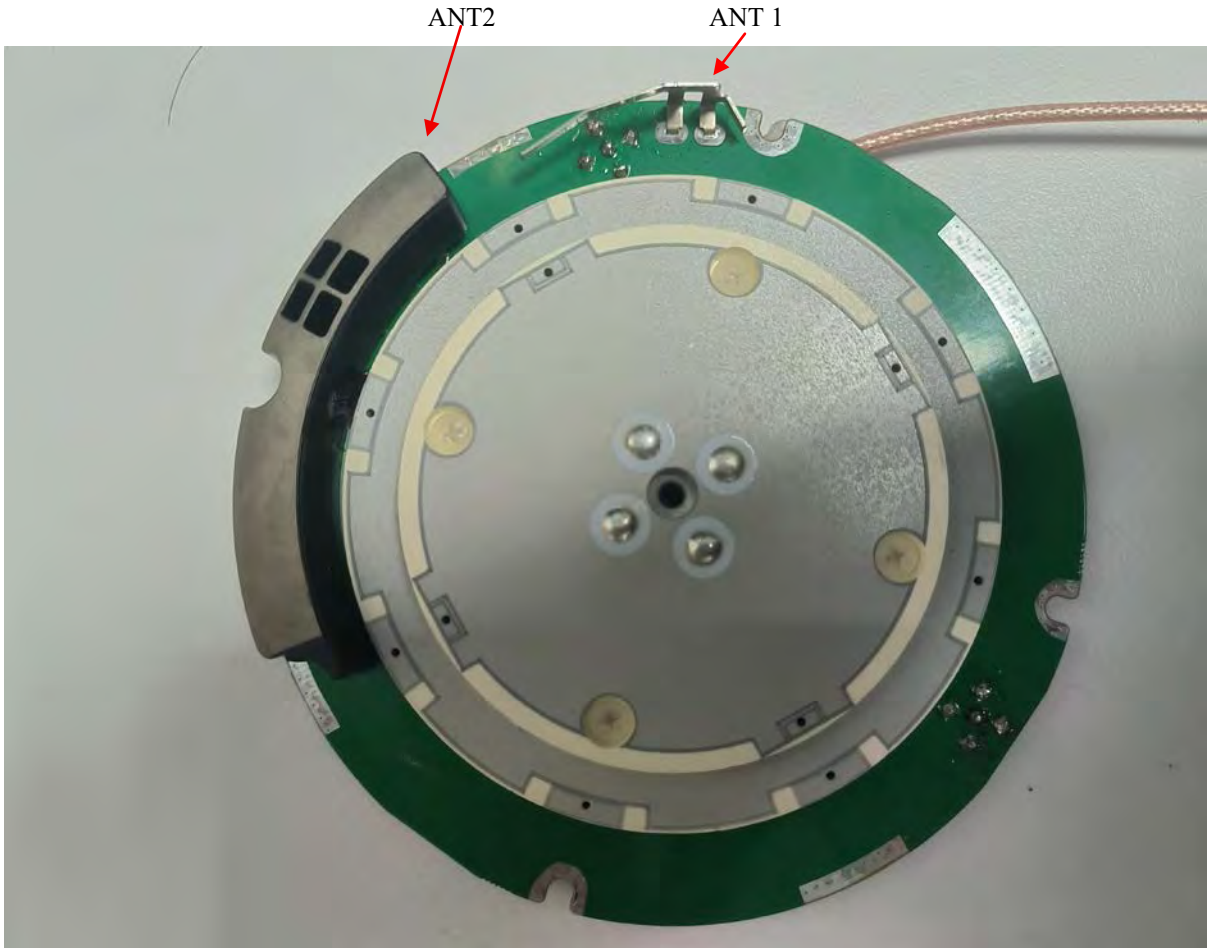
Theta = 90, Phi = 270



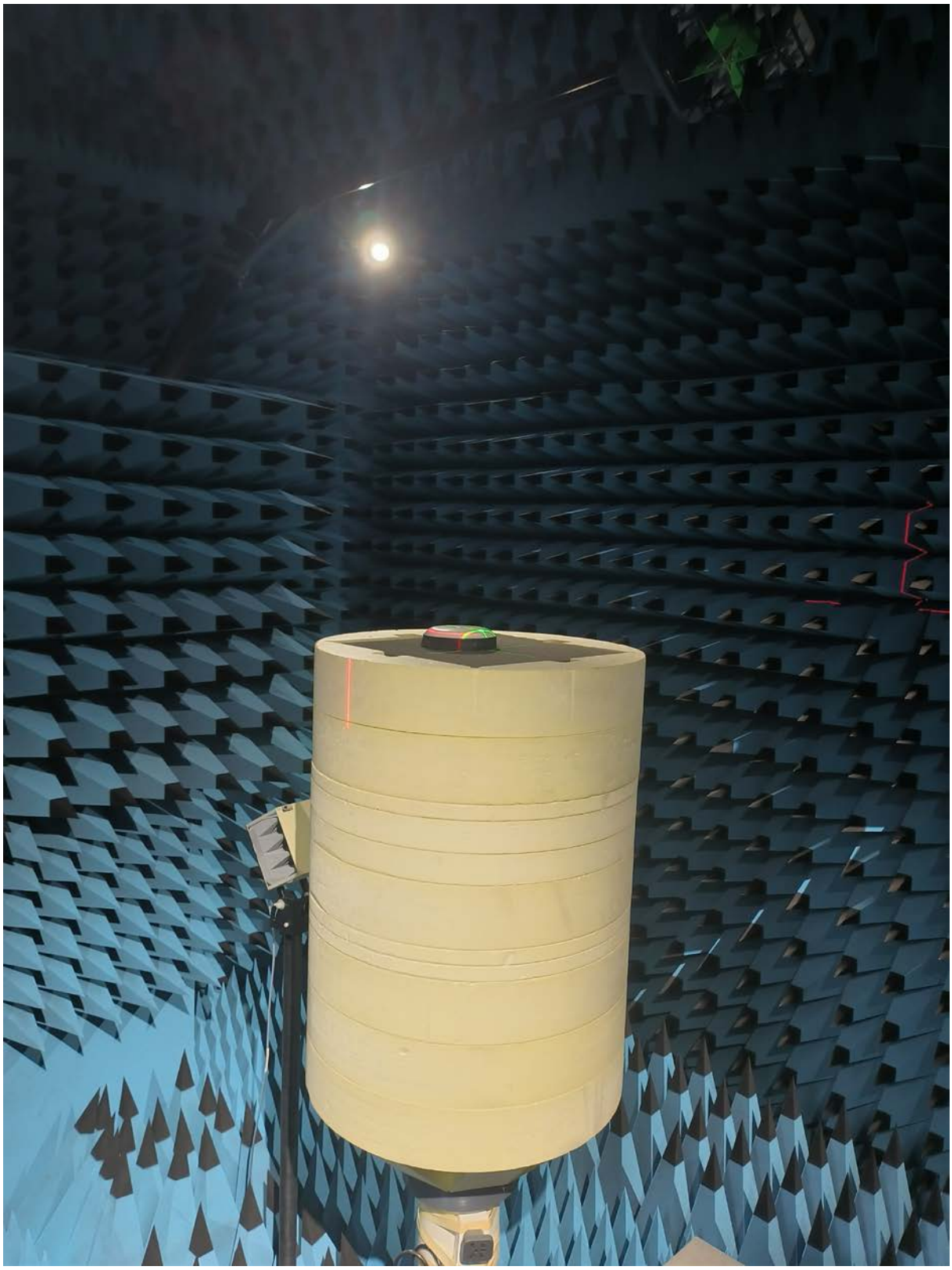
Theta = 90, Phi = 90



4. EUT PHOTOGRAPHS



5. TEST SETUP PHOTOGRAPHS



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