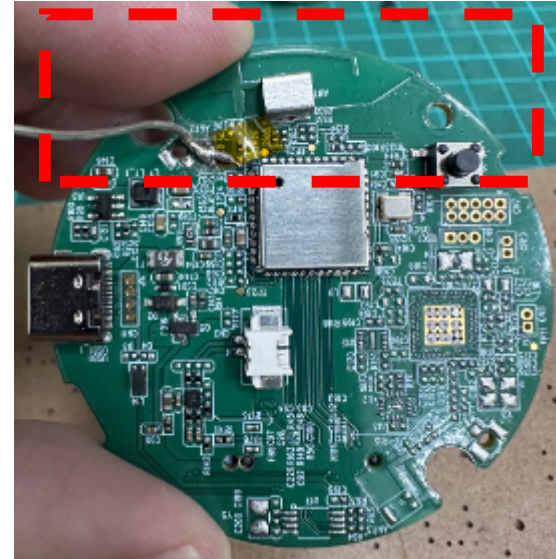




SA-7526 Antenna Test Report

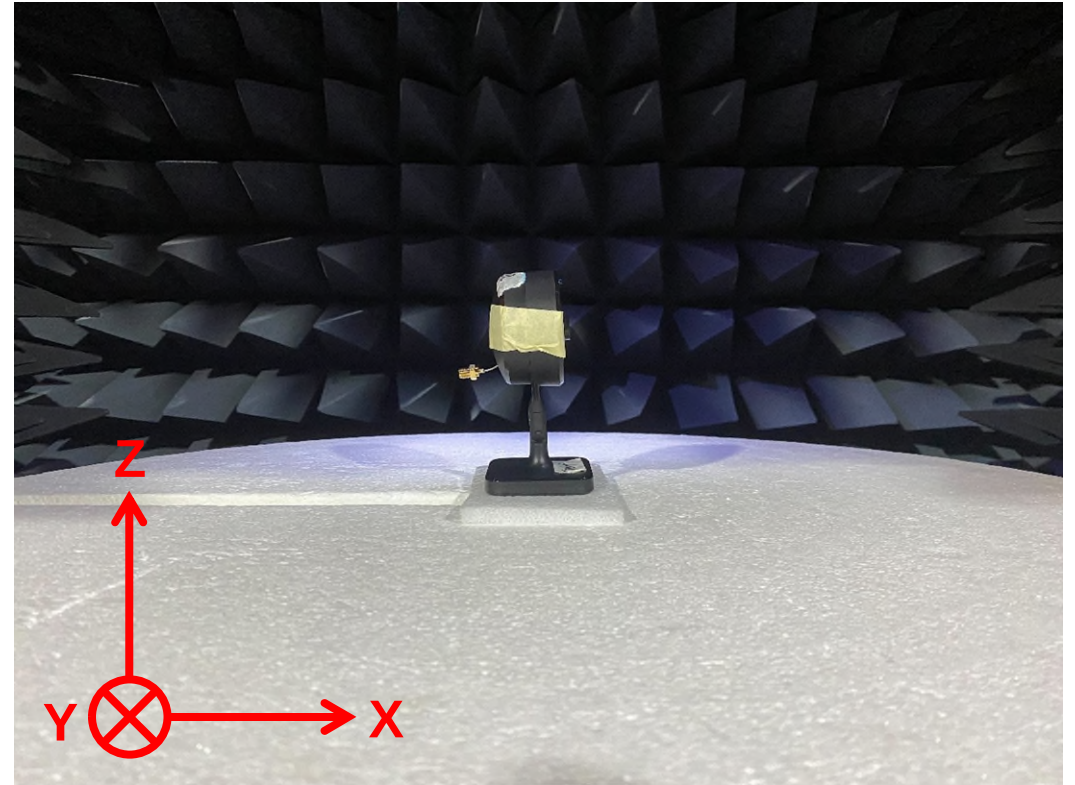
2023-04-25

Antenna Placement



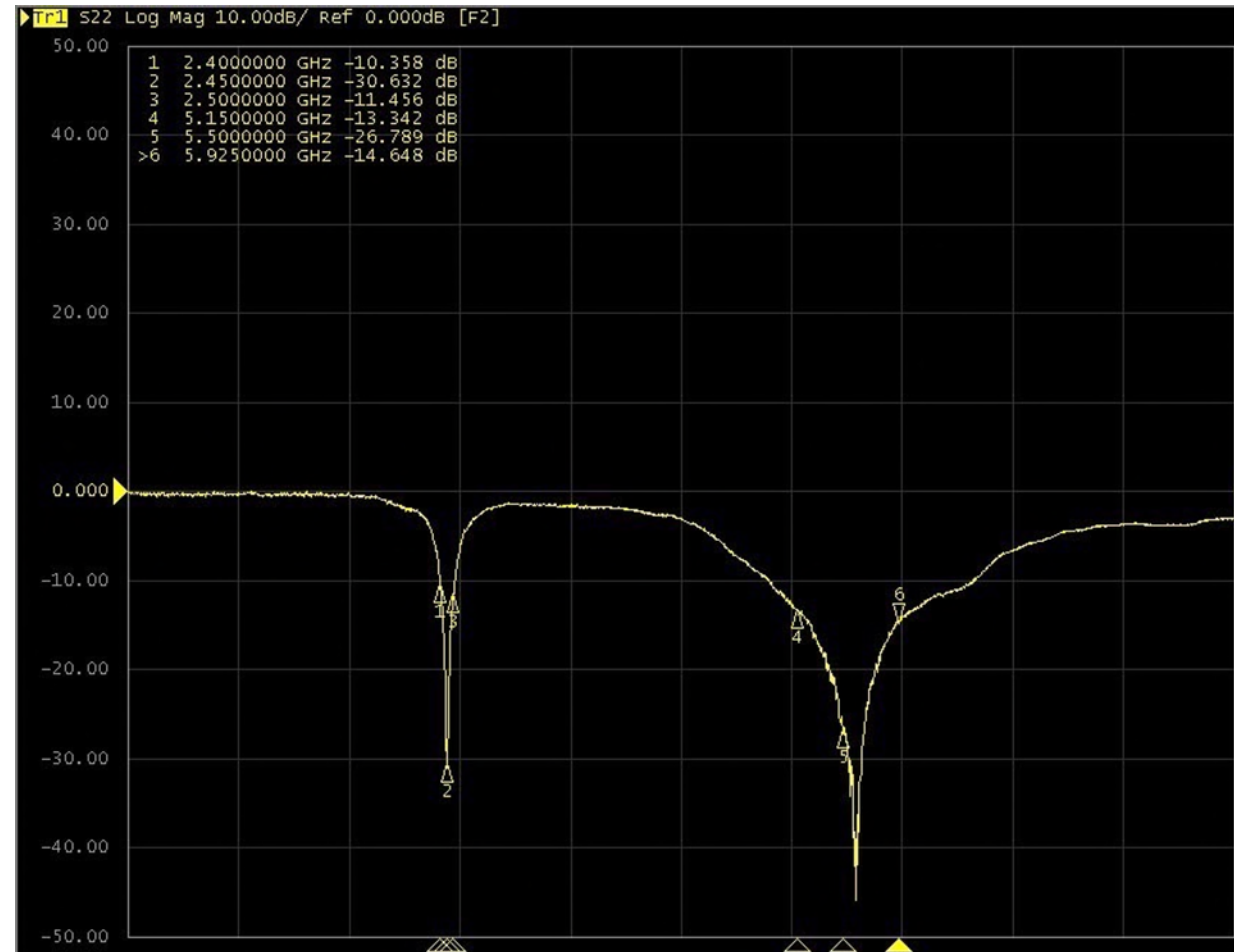
BQ0104S43001
2.4G/5G ANT

Antenna Under Test



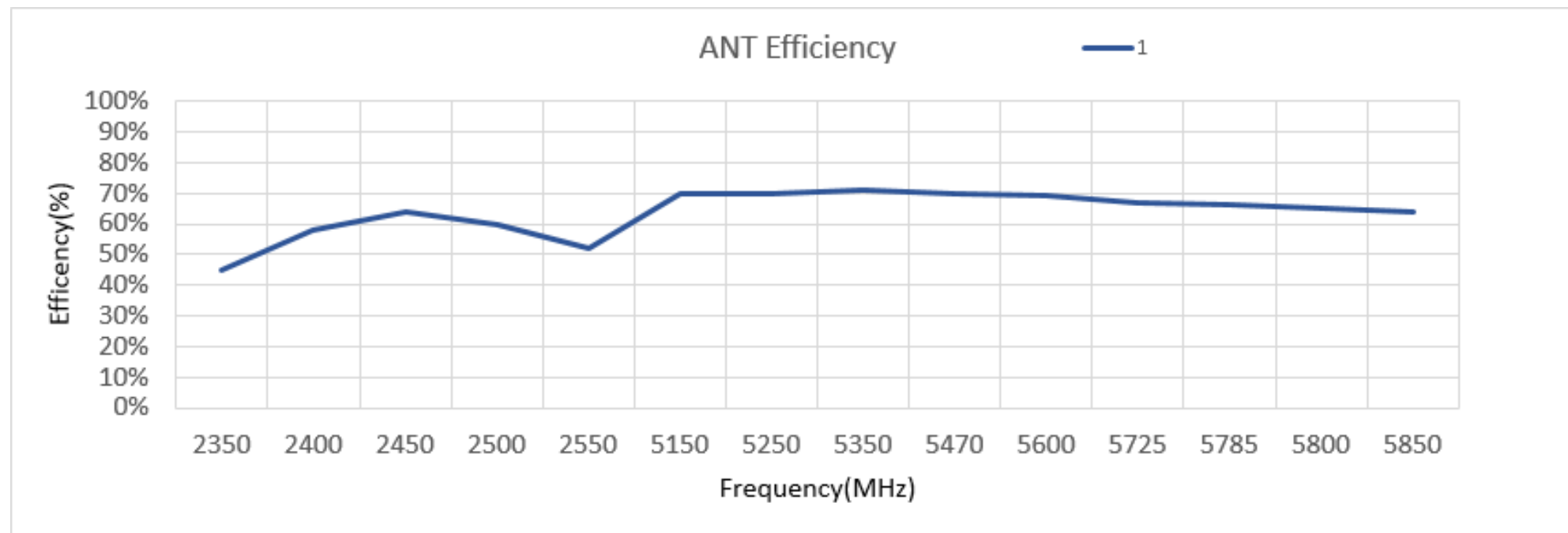
ANT S-Parameter

2.4G/5G Antenna



Antenna Efficiency

2.4G/5G Antenna



Frequency(MHz)	2350	2400	2450	2500	2550	5150	5250	5350	5470	5600	5725	5785	5800	5850
Efficiency(%)	45	58	64	60	52	70	70	71	70	69	67	66	65	64
Peak Gain(dBi)	1.08	2.31	3.03	2.88	2.38	2.9	3.15	3.42	3.42	3.18	2.82	2.9	2.94	3.04

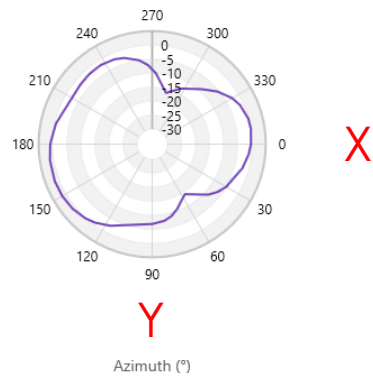
Antenna 2D Radiation Pattern

2.4G/5G Antenna-2.4GHz



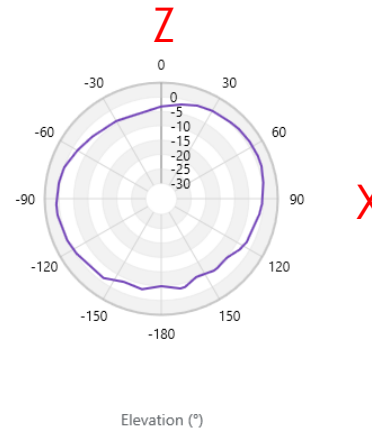
X-Y

90° 2400.00 MHz E Total



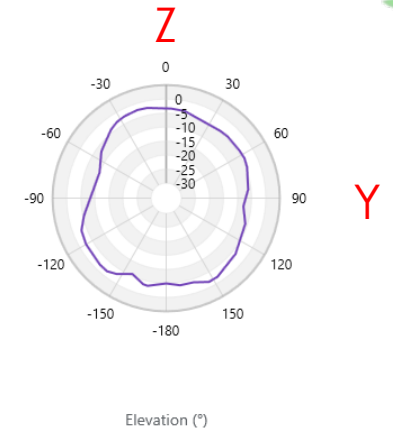
Z-X

0° 2400.00 MHz E Total



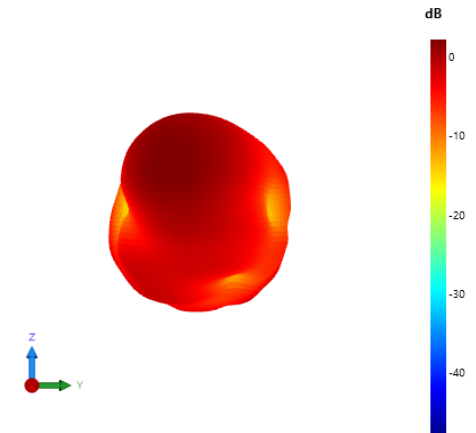
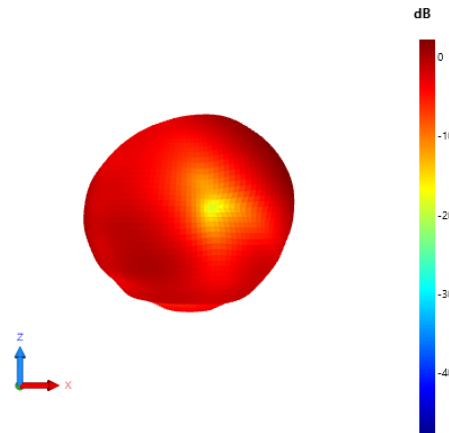
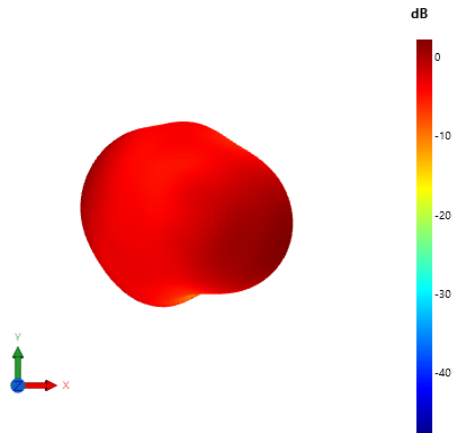
Z-Y

90° 2400.00 MHz E Total



2D

3D



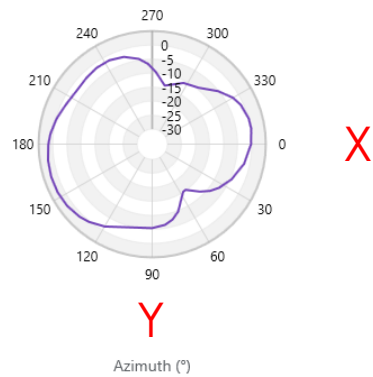
Antenna 2D Radiation Pattern

2.4G/5G Antenna-2.45GHz



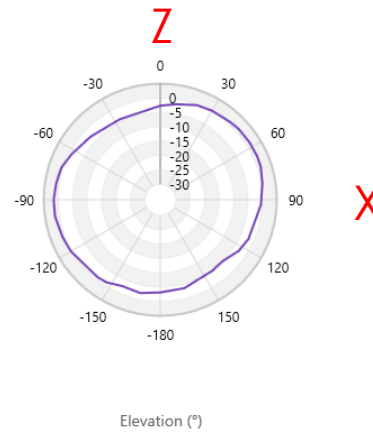
X-Y

90° 2450.00 MHz E Total



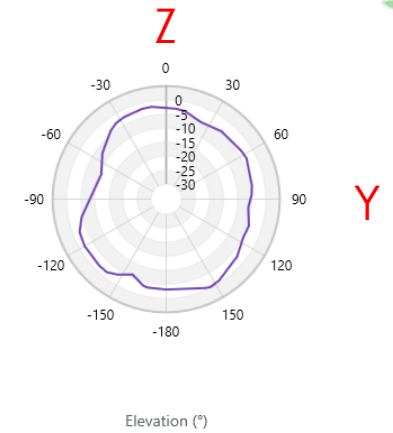
Z-X

0° 2450.00 MHz E Total



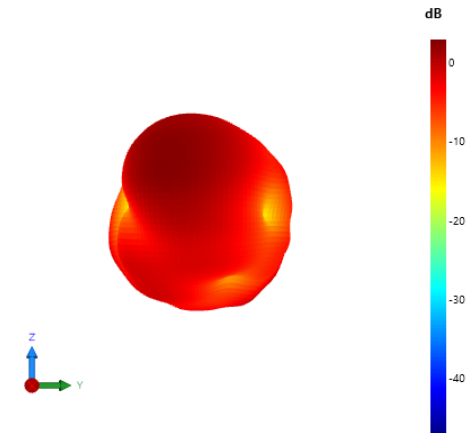
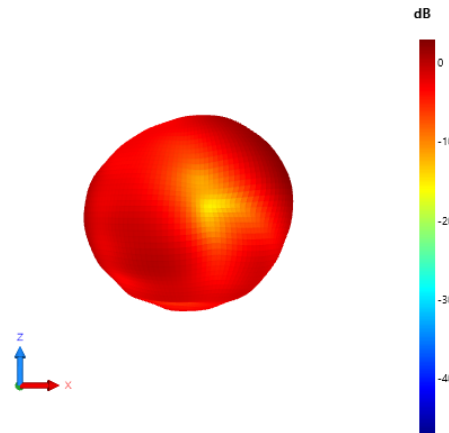
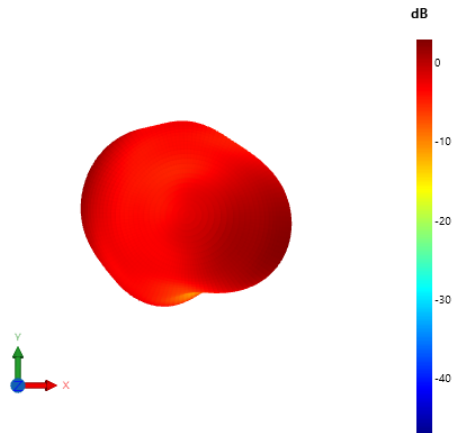
Z-Y

90° 2450.00 MHz E Total



2D

3D



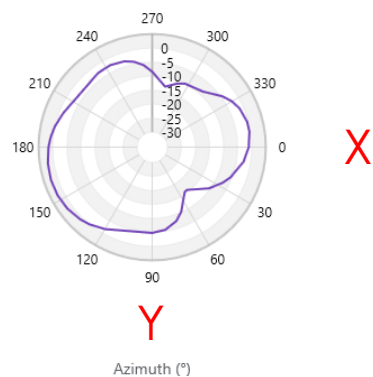
Antenna 2D Radiation Pattern

2.4G/5G Antenna-2.5GHz



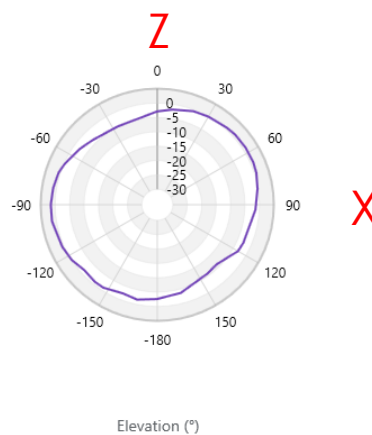
X-Y

90° 2500.00 MHz E Total



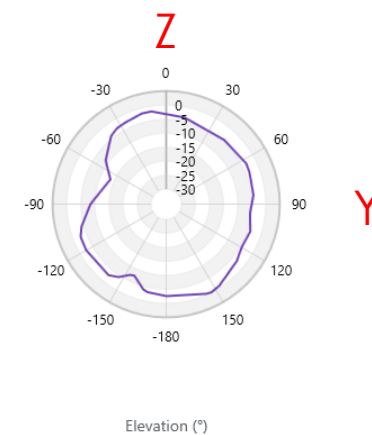
Z-X

0° 2500.00 MHz E Total



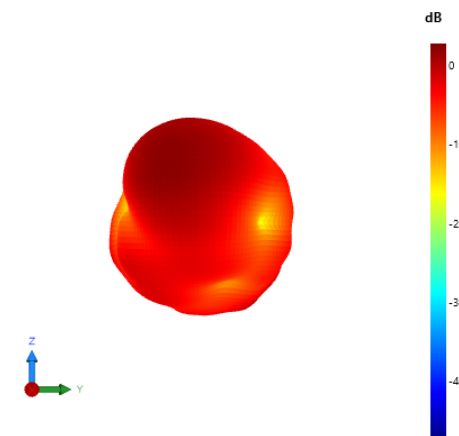
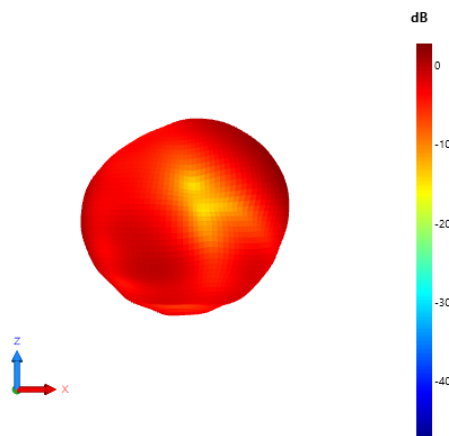
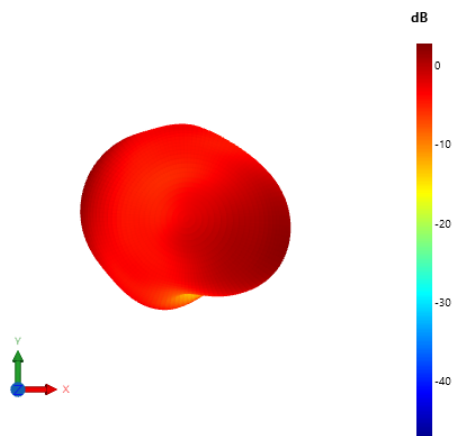
Z-Y

90° 2500.00 MHz E Total



2D

3D



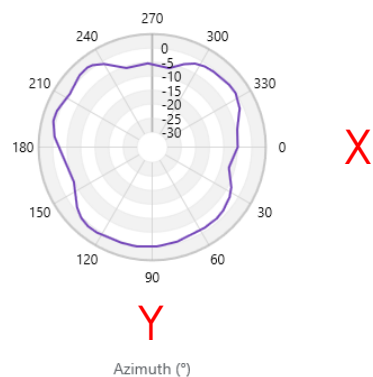
Antenna 2D Radiation Pattern

2.4G/5G Antenna-5.15GHz



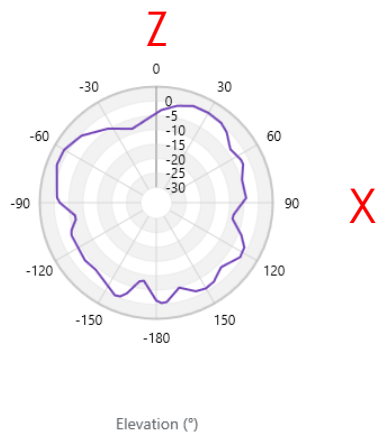
X-Y

90° 5150.00 MHz E Total



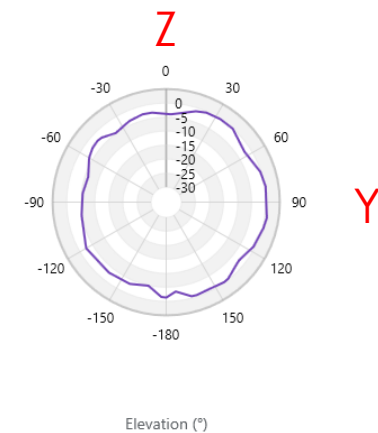
Z-X

0° 5150.00 MHz E Total



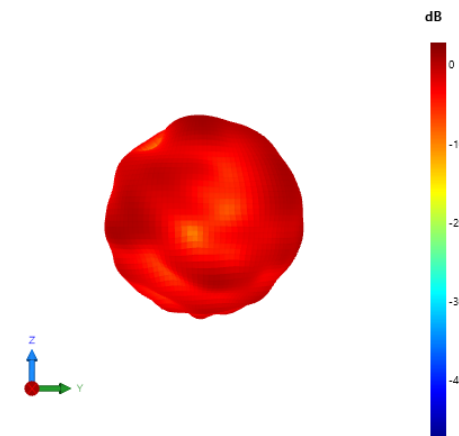
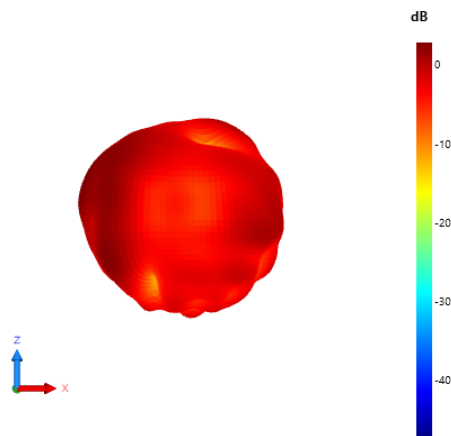
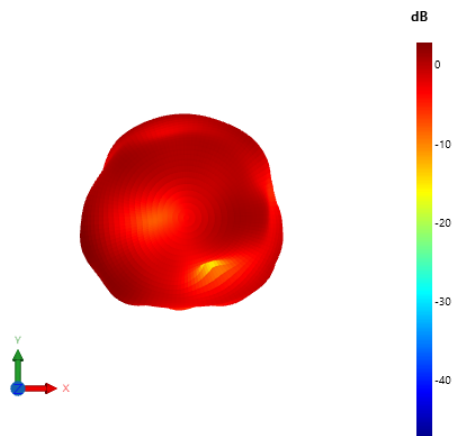
Z-Y

90° 5150.00 MHz E Total



2D

3D



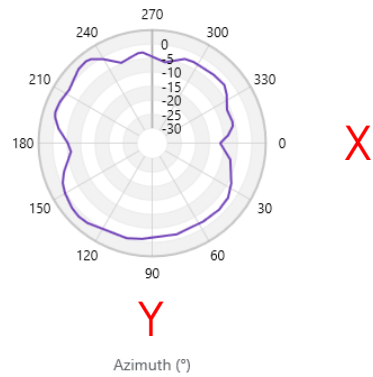
Antenna 2D Radiation Pattern

2.4G/5G Antenna-5.6GHz



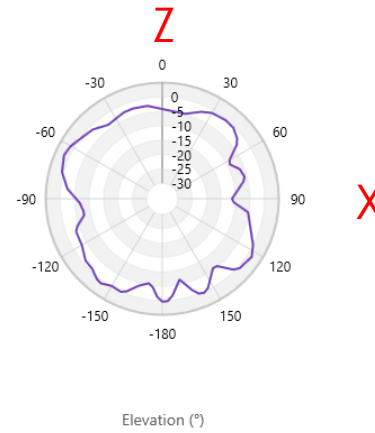
X-Y

90° 5600.00 MHz E Total



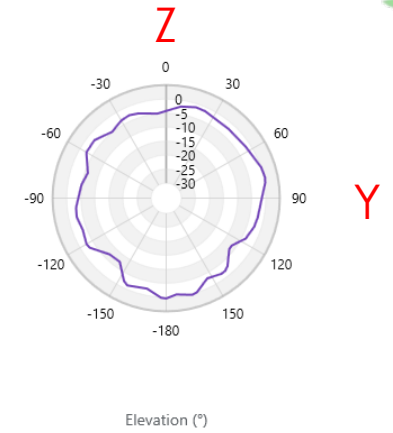
Z-X

0° 5600.00 MHz E Total



Z-Y

90° 5600.00 MHz E Total



2D

3D

