



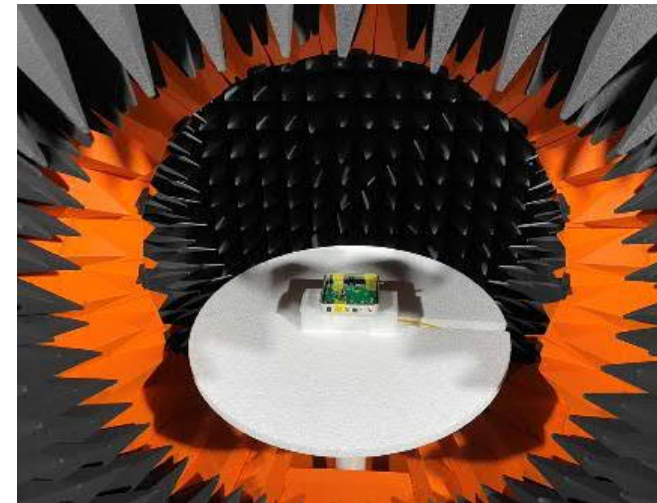
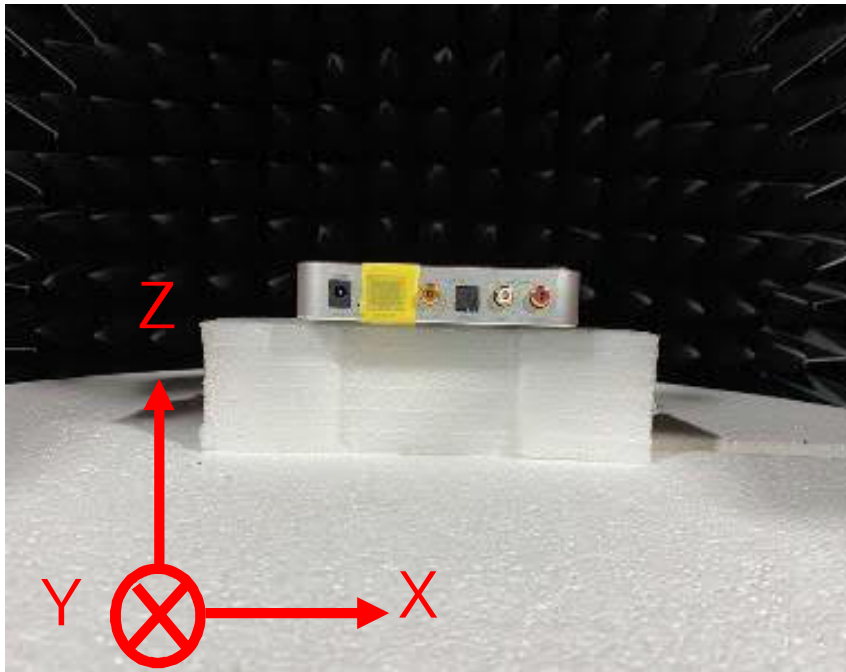
SA-7715 Chip Antenna Test Report

2022-08-02

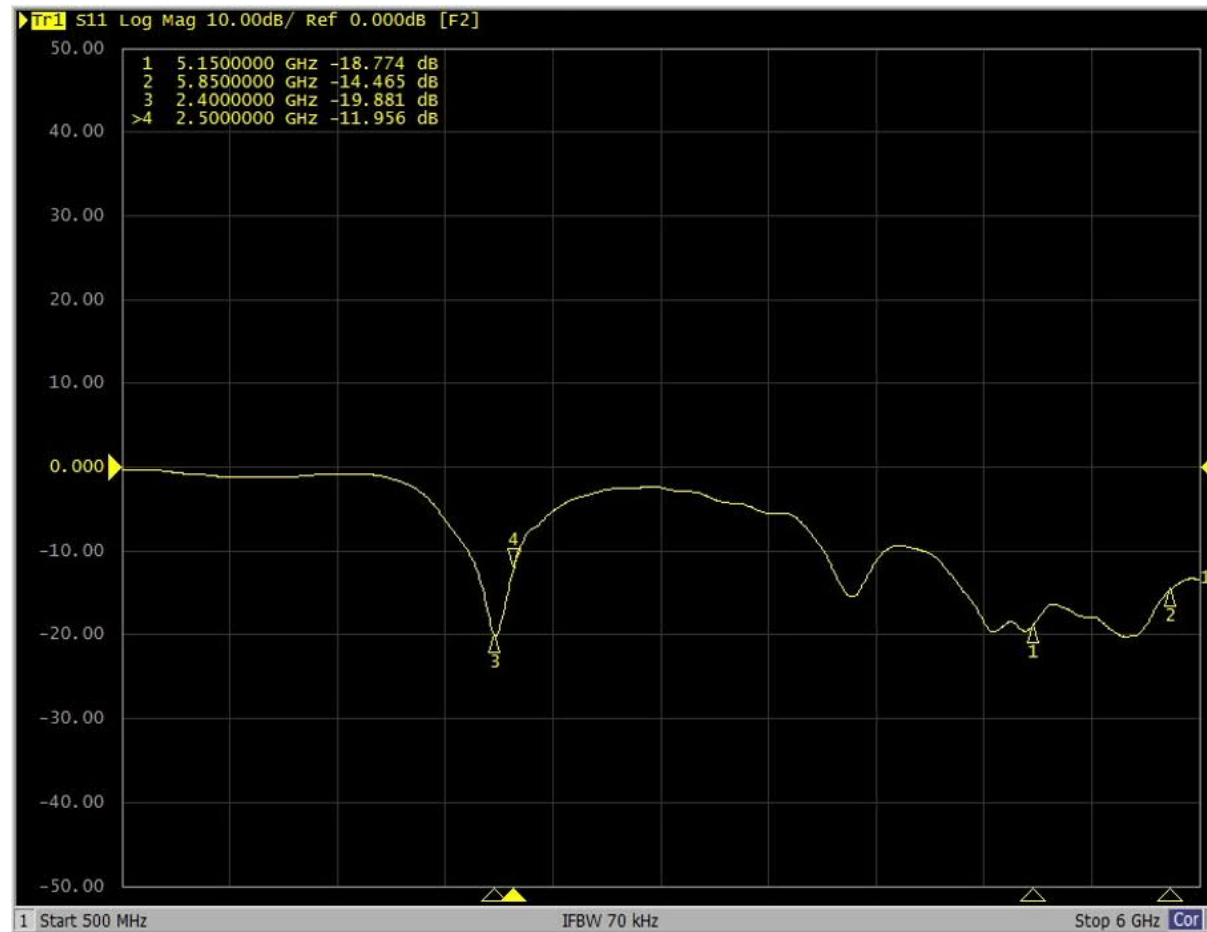
碧擎科技有限公司
Bi Qing Technology Co., Ltd.

No. 588, Sec. 3, Zhongzheng E. Rd., Wuquan Vil., Dayuan Dist., Taoyuan City 33755, Taiwan (R.O.C.)

Antenna Placement



ANT S-Parameter



碧擎科技有限公司
Bi Qing Technology Co., Ltd.

Antenna Efficiency



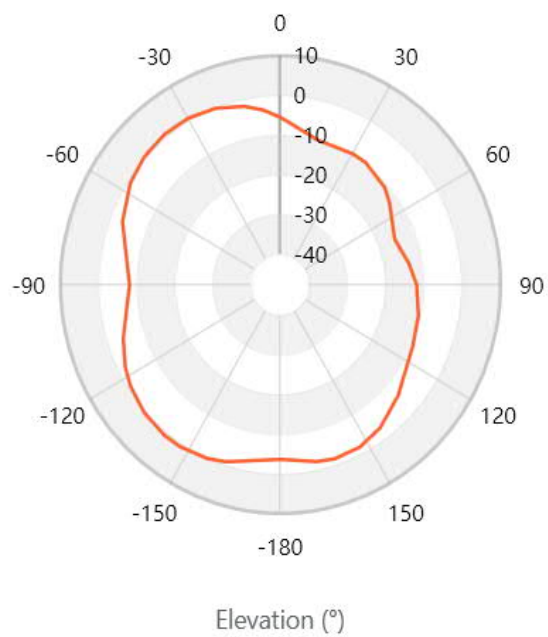
Frequency	Efficiency (%)	Peak Gain (dBi)
2400	53%	3.8
2450	48%	3.3
2500	44%	3.0
5150	81%	6.3
5250	78%	6.3
5350	78%	6.5
5470	77%	5.9
5600	78%	6.4
5725	79%	6.4
5785	77%	6.2
5850	77%	6.0

Antenna 2D Radiation Pattern

2400MHz_Z-Y



— 2400.00 MHz 90.00 ° E Total

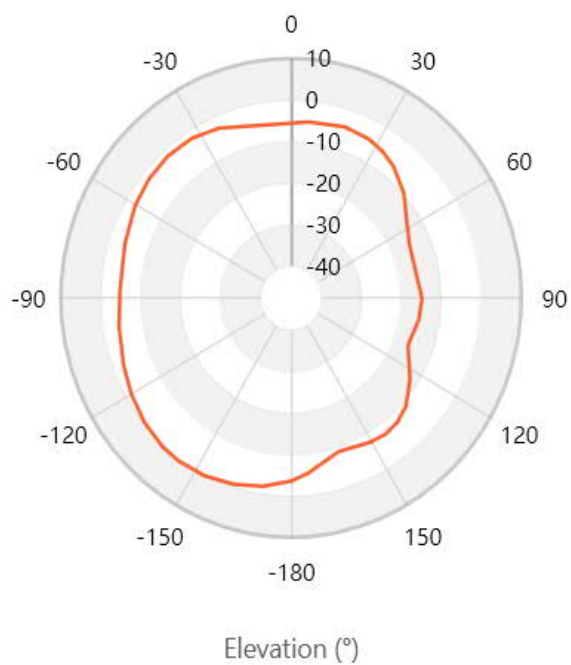


Antenna 2D Radiation Pattern

2400MHz_Z-X



— 2400.00 MHz 0.00 ° E Total

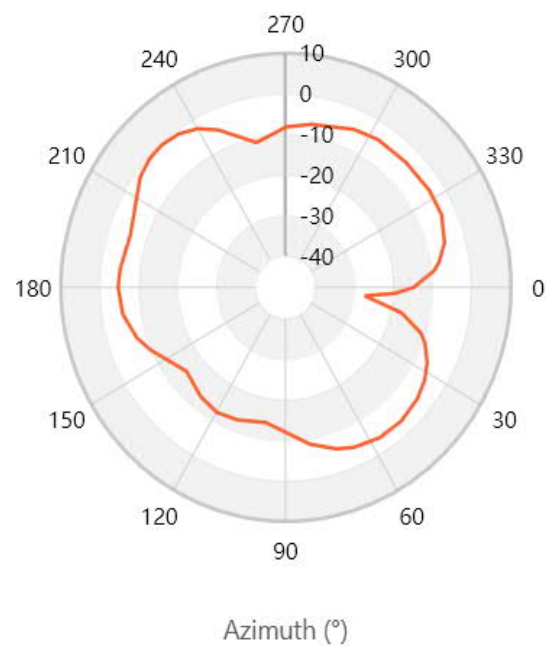


Antenna 2D Radiation Pattern

2400MHz_X-Y

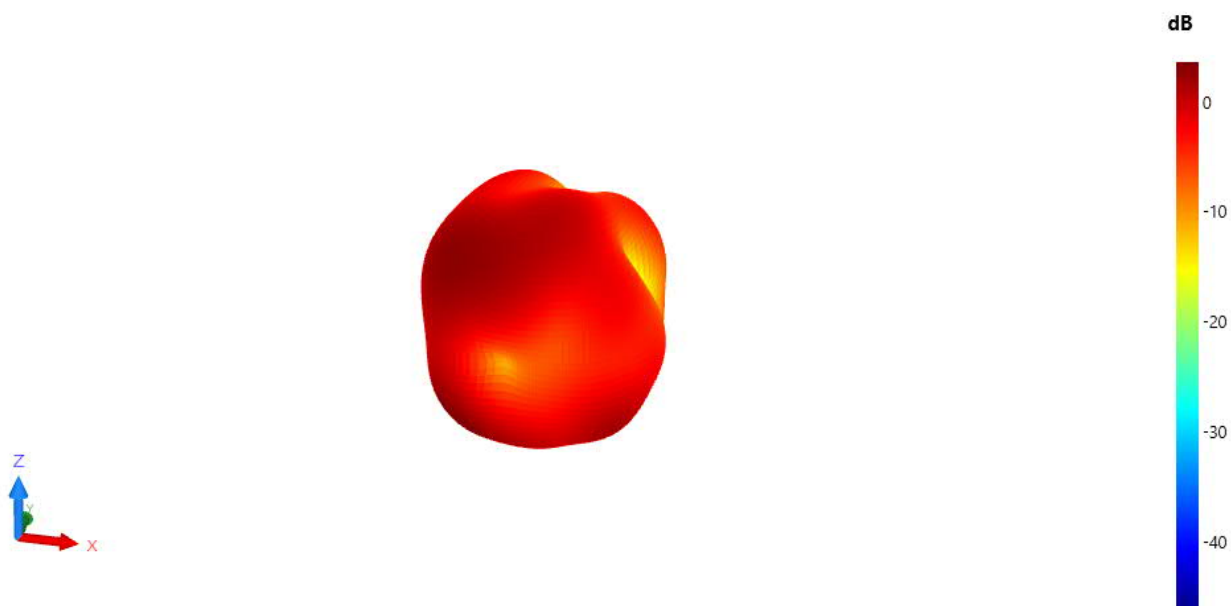


— 2400.00 MHz 90.00 ° E Total



Antenna 3D Radiation Pattern

2400MHz

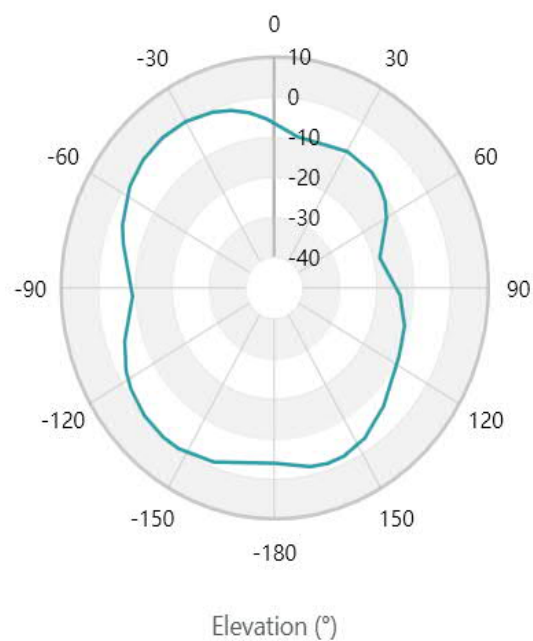


Antenna 2D Radiation Pattern

2450MHz_Z-Y



— 2450.00 MHz 90.00 ° E Total

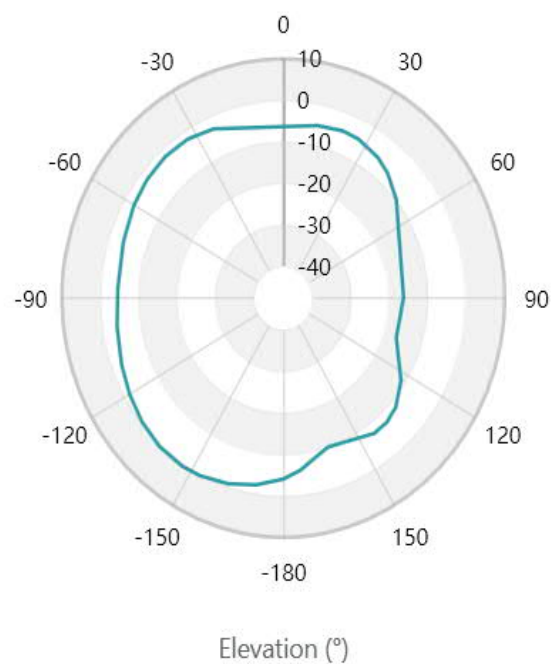


Antenna 2D Radiation Pattern

2450MHz_Z-X



— 2450.00 MHz 0.00 ° E Total

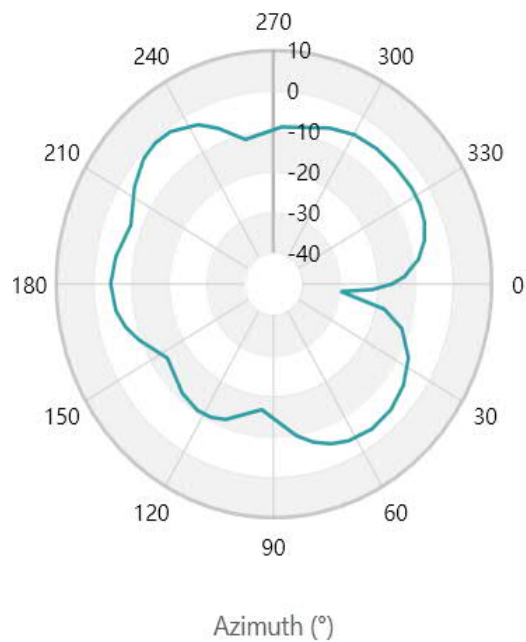


Antenna 2D Radiation Pattern

2450MHz_X-Y

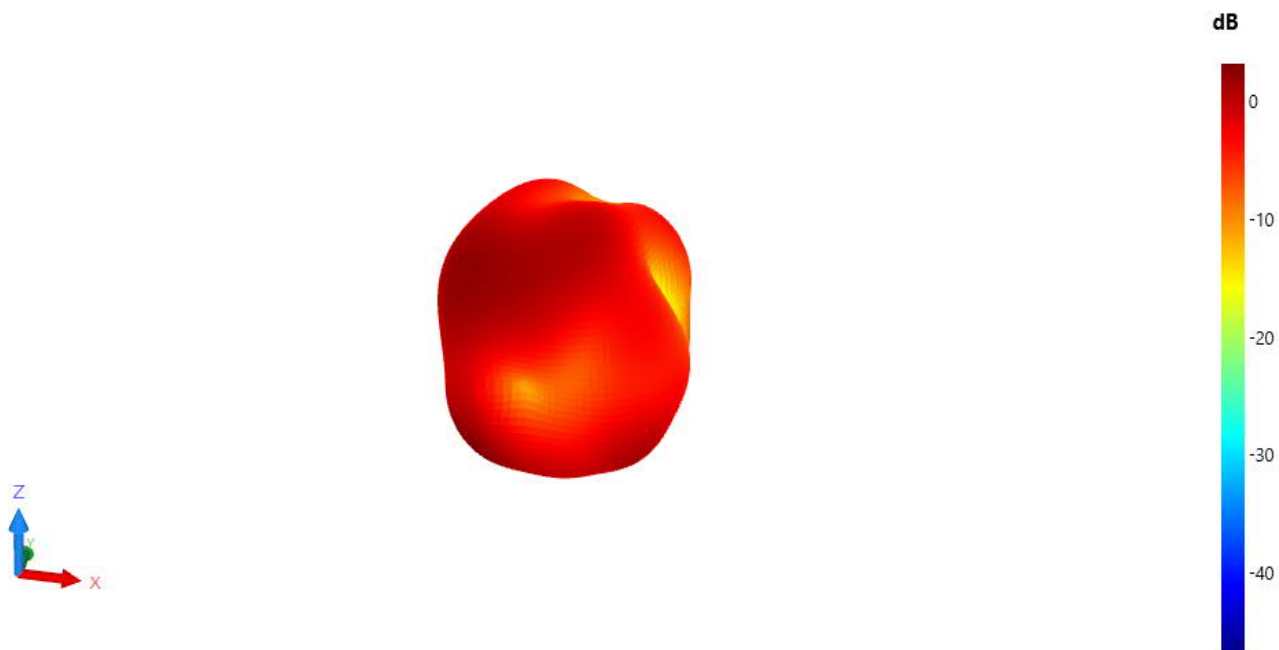


— 2450.00 MHz 90.00 ° E Total



Antenna 3D Radiation Pattern

2450MHz

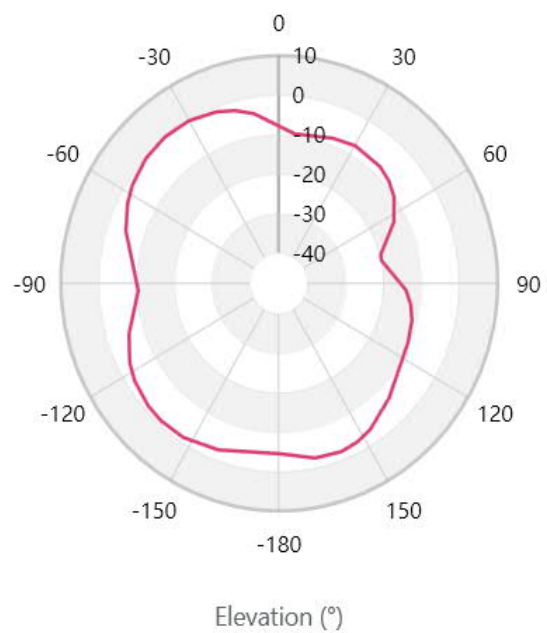


Antenna 2D Radiation Pattern

2500MHz_Z-Y



— 2500.00 MHz 90.00 ° E Total

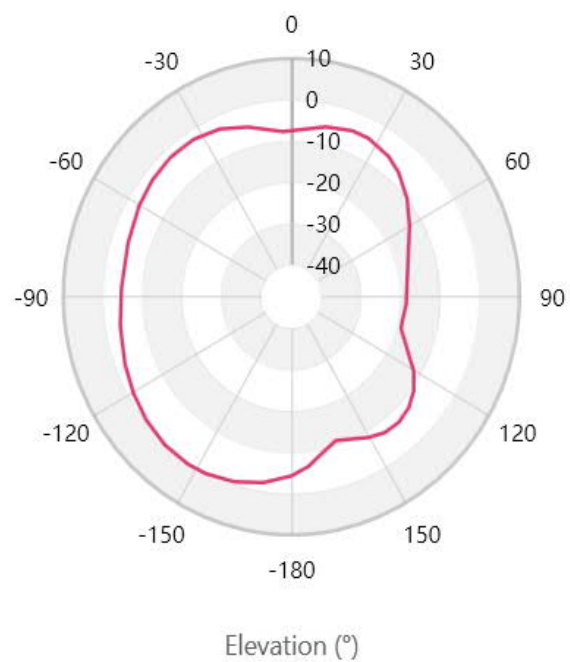


Antenna 2D Radiation Pattern

2500MHz_Z-X



— 2500.00 MHz 0.00 ° E Total

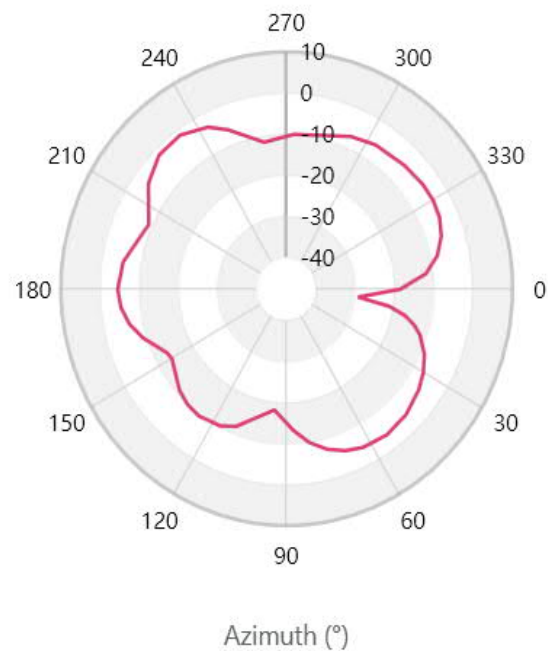


Antenna 2D Radiation Pattern

2500MHz_X-Y

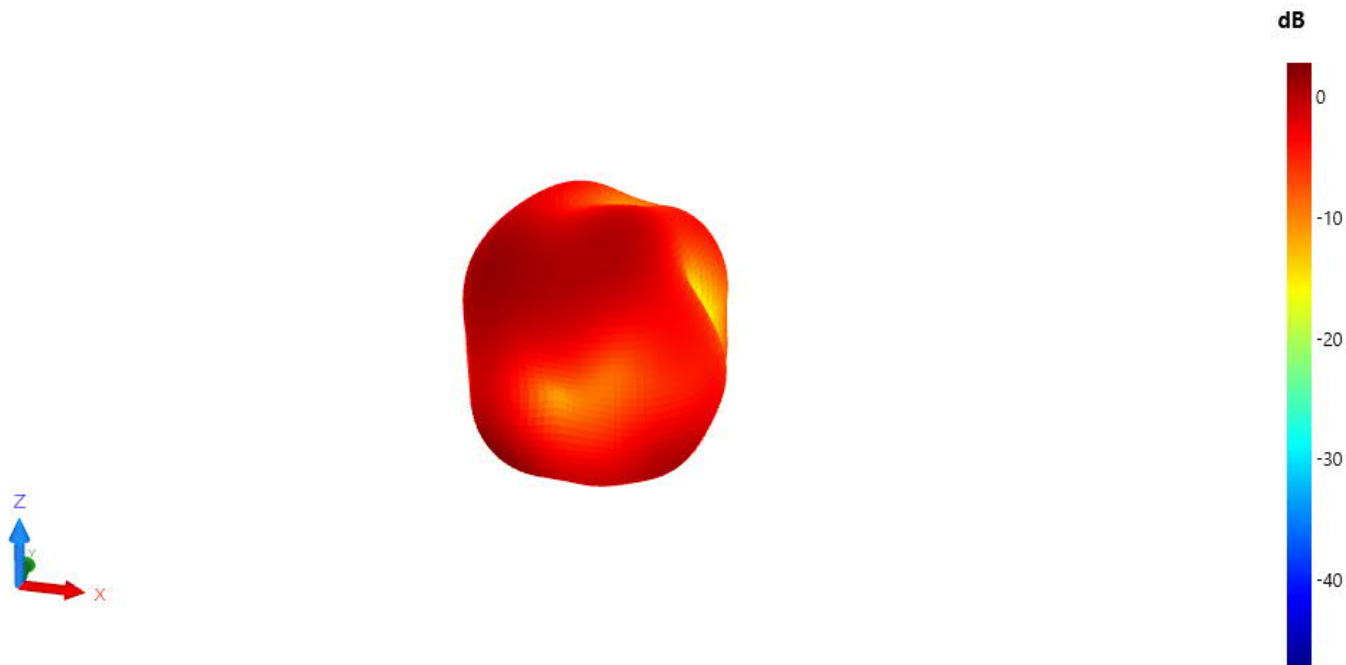


— 2500.00 MHz 90.00 ° E Total



Antenna 3D Radiation Pattern

2500MHz

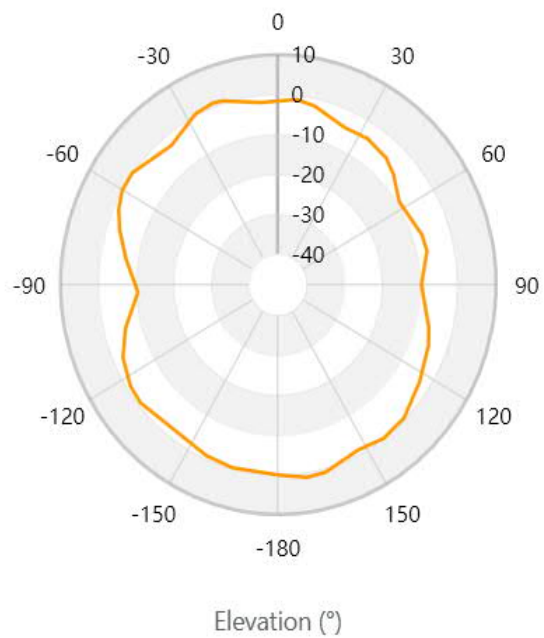


Antenna 2D Radiation Pattern

5150MHz_Z-Y



— 5150.00 MHz 90.00 ° E Total

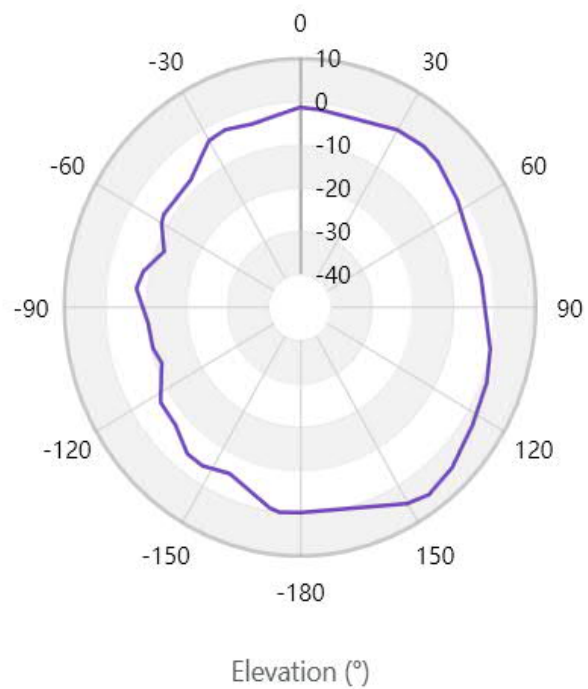


Antenna 2D Radiation Pattern

5150MHz_Z-X



— 5150.00 MHz 0.00 ° E Total

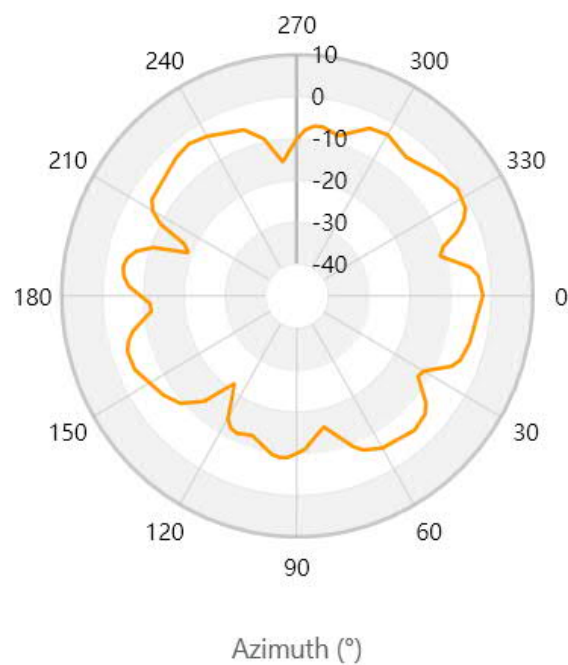


Antenna 2D Radiation Pattern

5150MHz_X-Y

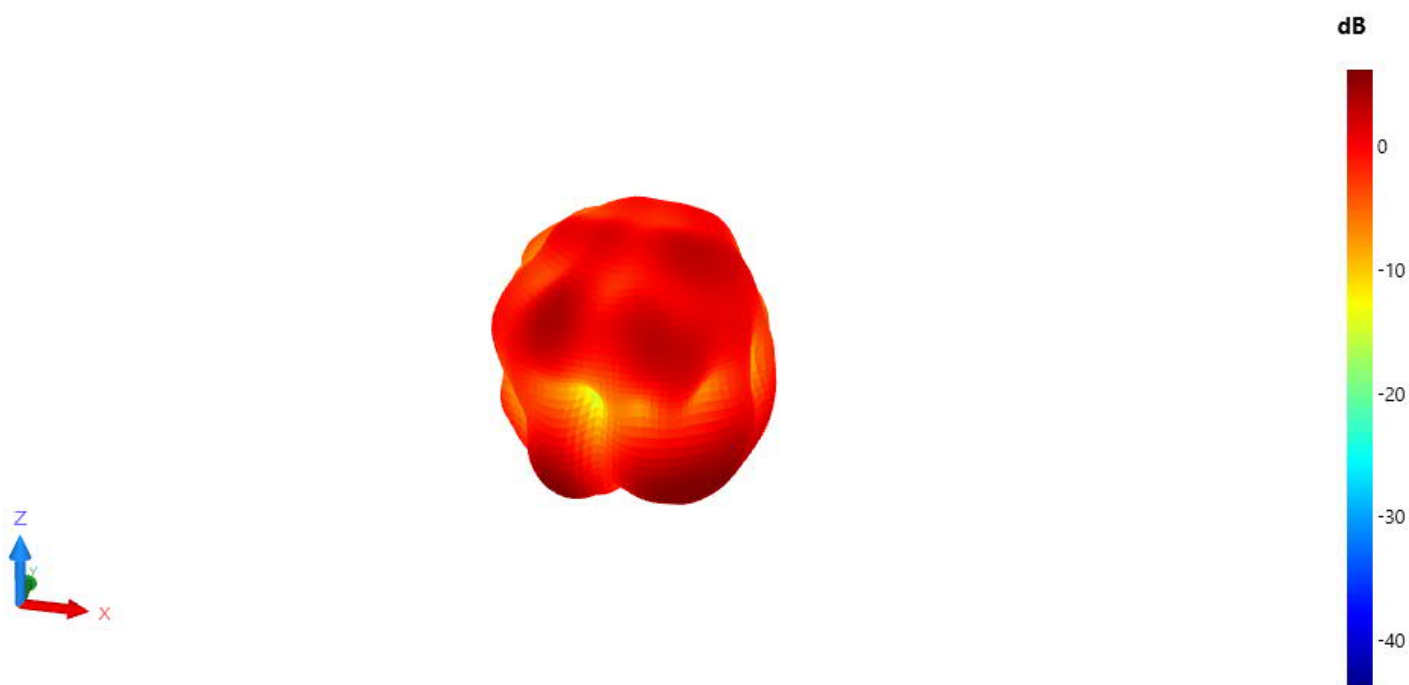


— 5150.00 MHz 90.00 ° E Total



Antenna 3D Radiation Pattern

5150MHz

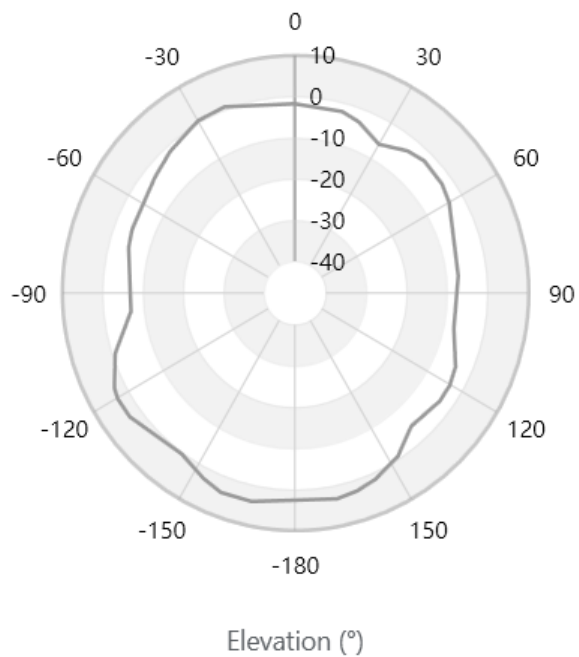


Antenna 2D Radiation Pattern

5600MHz_Z-Y



— 5600.00 MHz 90.00 ° E Total

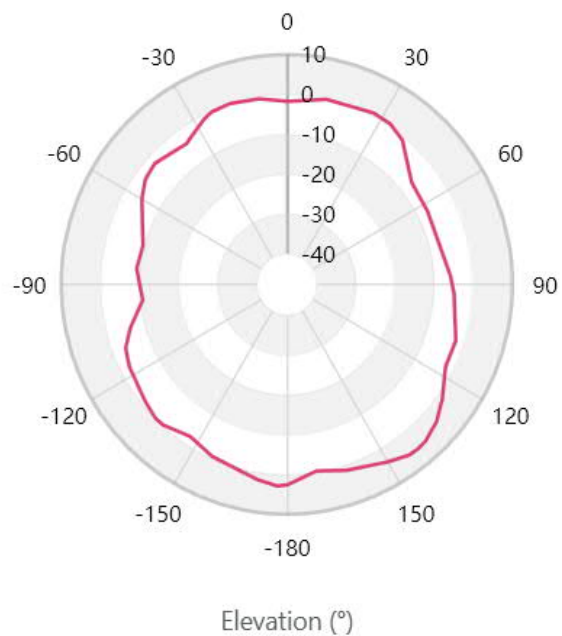


Antenna 2D Radiation Pattern

5600MHz_Z-X



— 5600.00 MHz 0.00 ° E Total

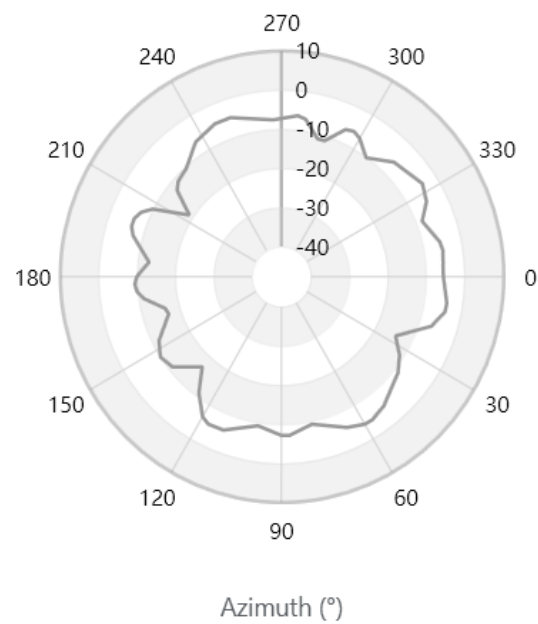


Antenna 2D Radiation Pattern

5600MHz_X-Y

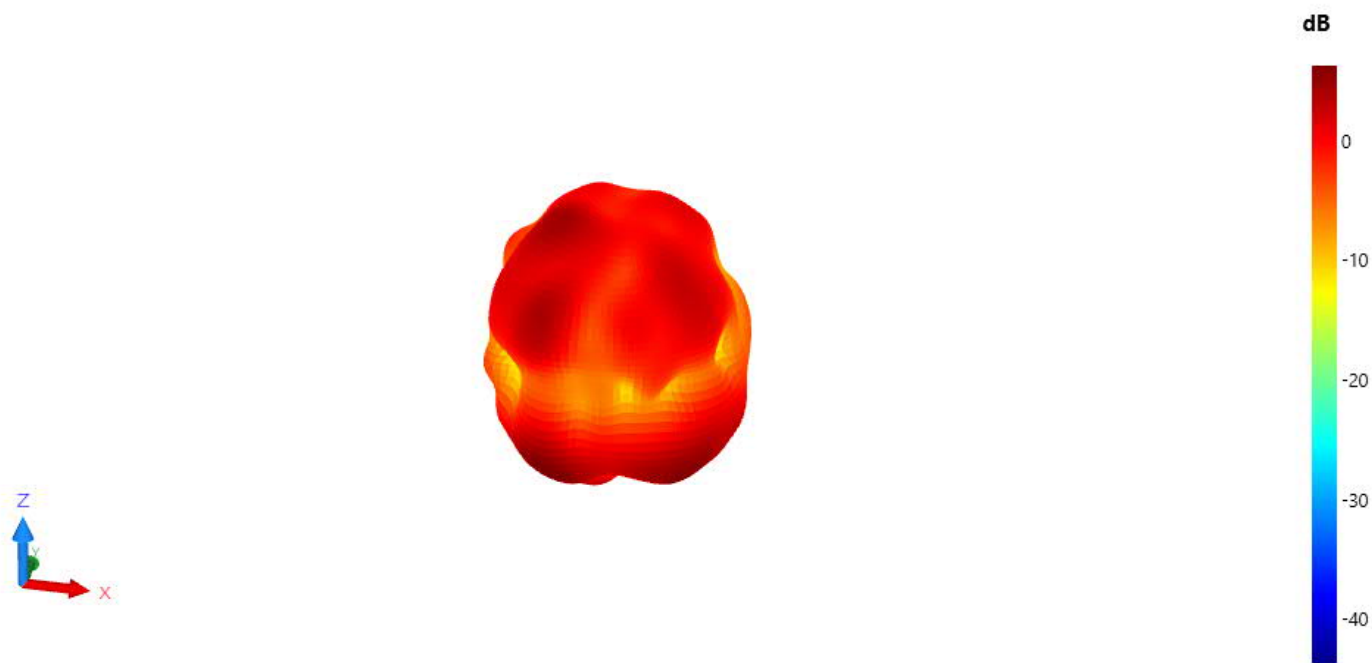


— 5600.00 MHz 90.00 ° E Total



Antenna 3D Radiation Pattern

5600MHz

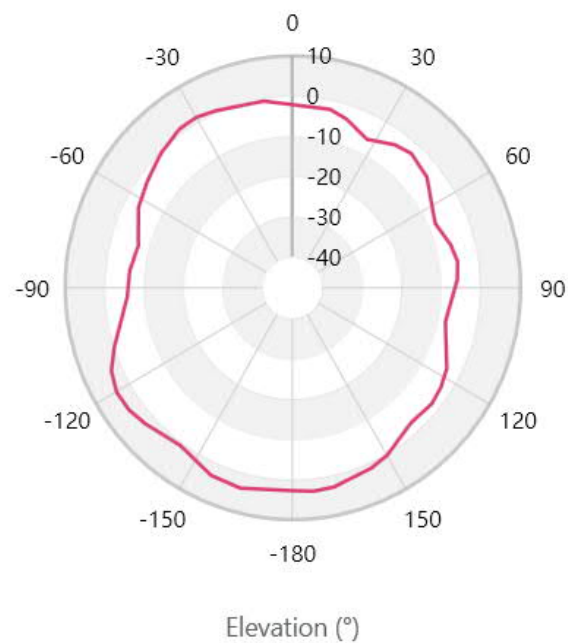


Antenna 2D Radiation Pattern

5850MHz_Z-Y



— 5850.00 MHz 90.00 ° E Total

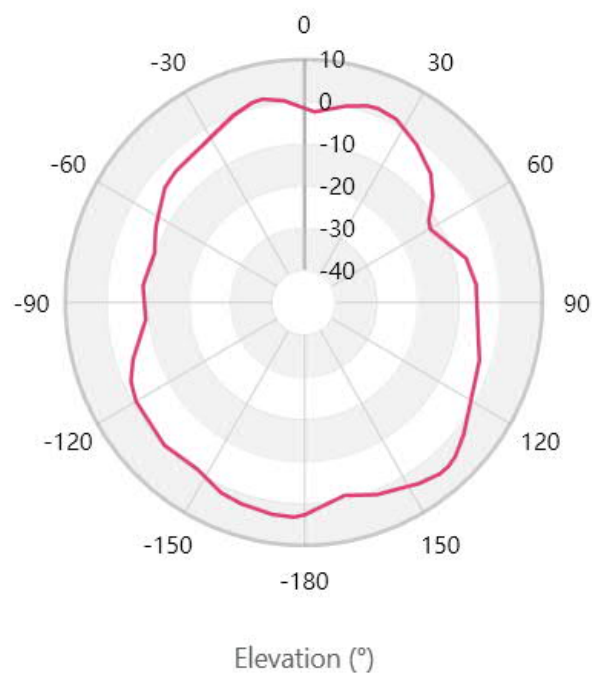


Antenna 2D Radiation Pattern

5850MHz_Z-X



— 5850.00 MHz 0.00 ° E Total

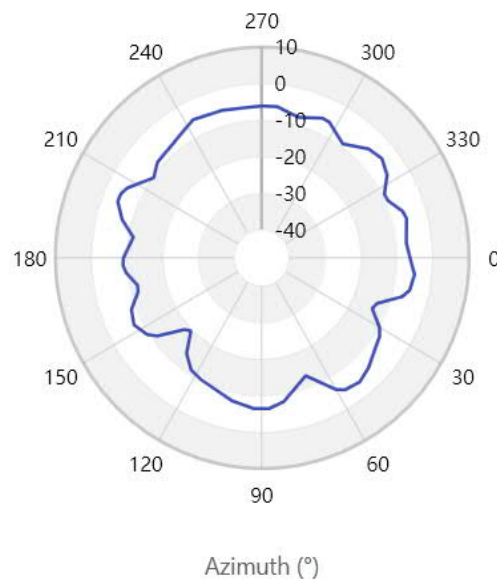


Antenna 2D Radiation Pattern

5850MHz_X-Y

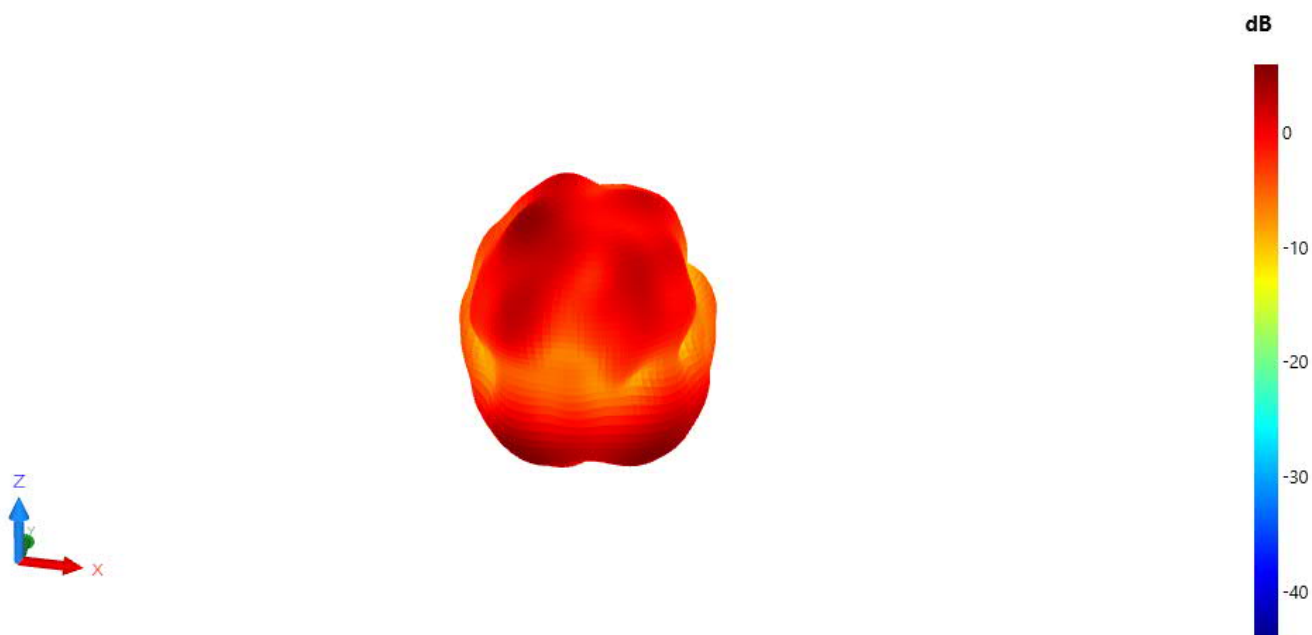


— 5850.00 MHz 90.00 ° E Total



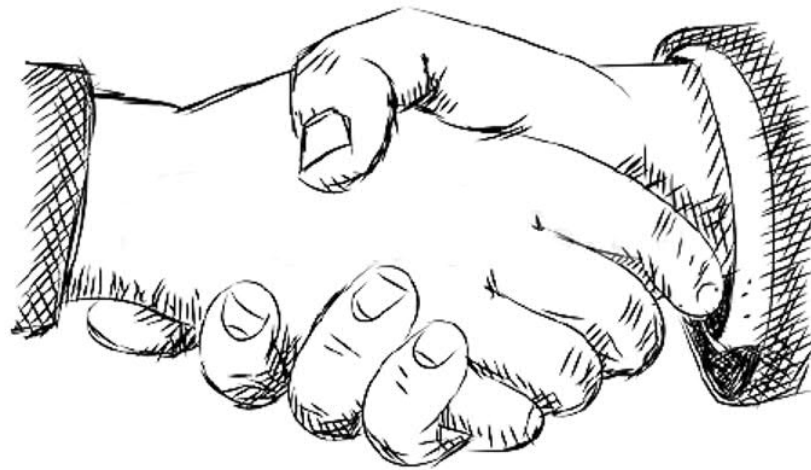
Antenna 3D Radiation Pattern

5850MHz





Thank You!



碧擎科技有限公司
Bi Qing Technology Co., Ltd.