

天线测试报告

Antenna test report

Manufacturer : Inforich (Guangzhou) Technology
Company Limited

Model: _____

Manufacturer: Inforich (Guangzhou) Technology Company Limited
Address: Room 01, Room 2601, 439 Zhongshan Avenue Central, Tianhe
District, 510000 Guangzhou, Guangdong Province, China

Customer Name:

Project Name

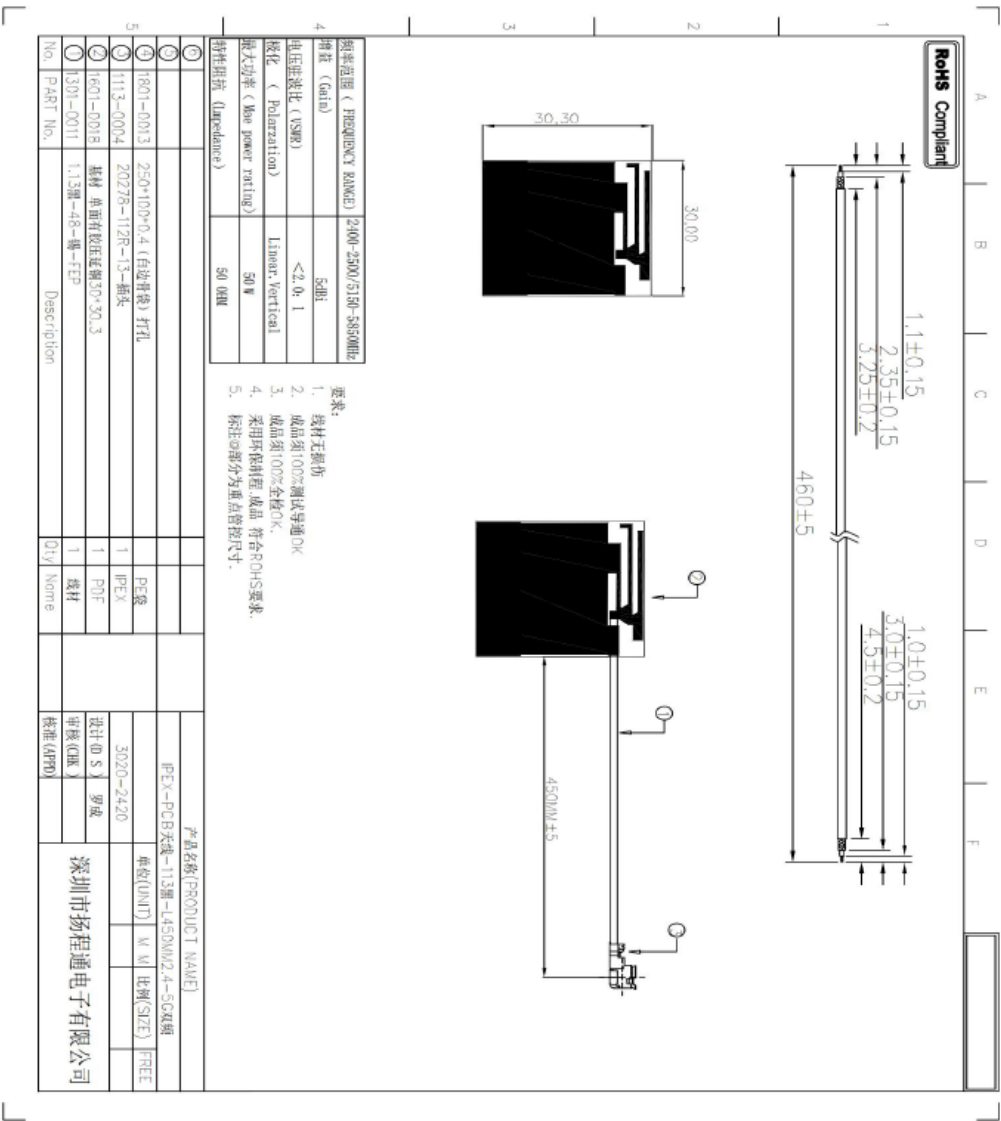
Operating frequency bands:

2400-2500MHz, 5150-5850MHz

Antenna type

测试日期:2026-04-10

I. Antenna



II.

I. Test Items and Equipment Systems

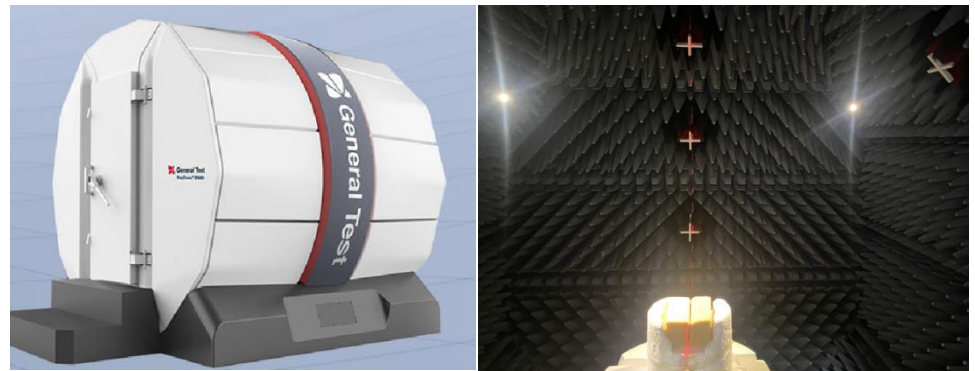
1. Test items

测试项目			
1. S参数	1. 回损 2. 驻波	网络分析仪	安捷伦5071B
1. 辐射特性	1. 效率 2. 方向图	暗室	RayZone2800微波暗室

2. Equipment system

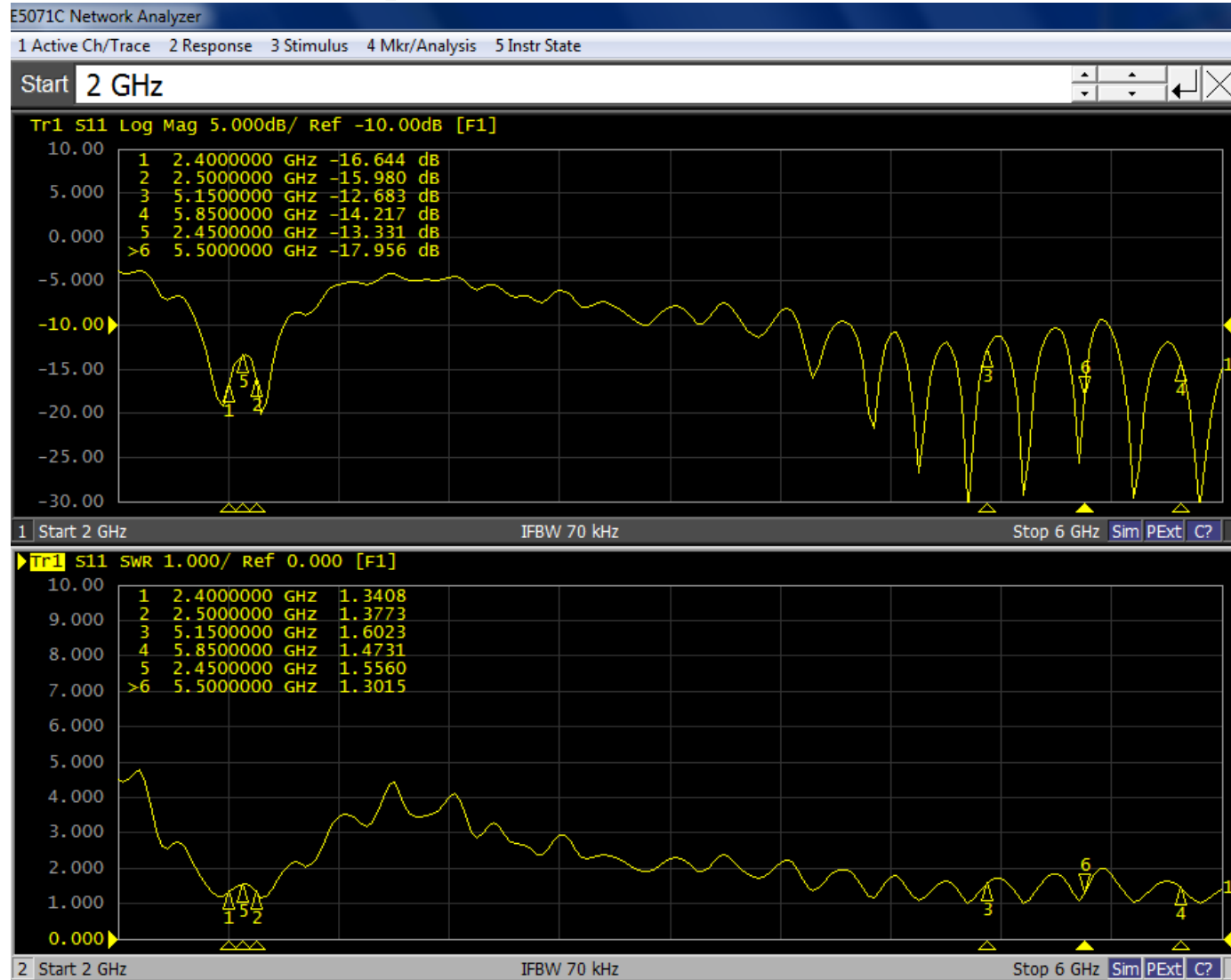


5071B



RayZone2800

2. Antenna S parameters

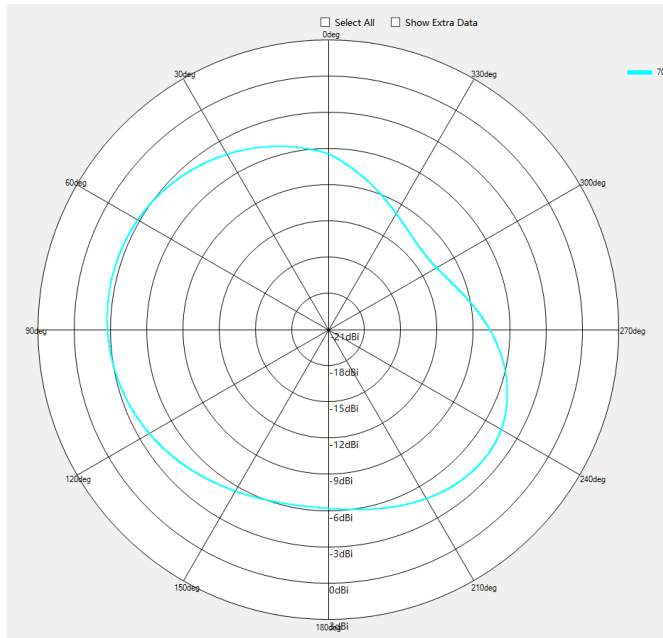


3. Antenna Gain and Efficiency

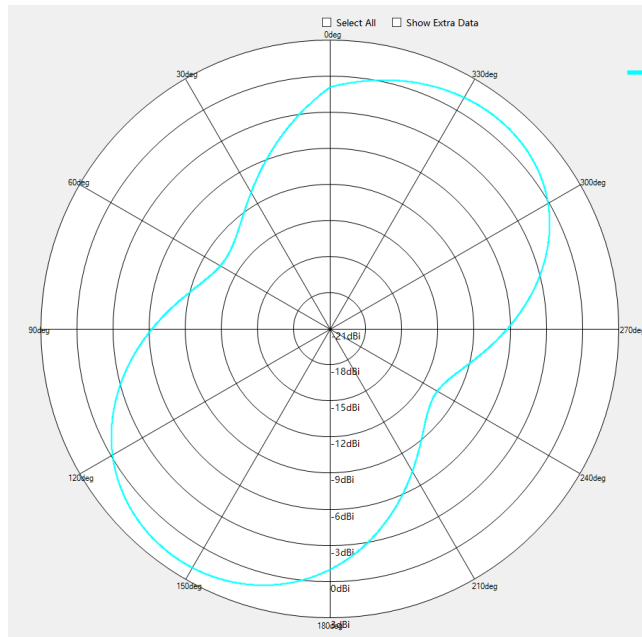
Freq (MHZ)	Gian(dBi)	效率 (%)	Freq (MHZ)	Gian (dBi)	效率 (%)
2400	-1.26	37.15	5400	-0.57	33.88
2410	-1.11	37.84	5420	-0.67	32.98
2420	-1.07	37.17	5440	-1.05	31.63
2430	-1.06	36.39	5460	-1.34	30.82
2440	-1.03	35.93	5480	-1.20	29.69
2450	-0.87	37.59	5500	-1.08	29.32
2460	-0.81	39.28	5520	-1.42	28.29
2470	-0.83	40.96	5540	-1.50	29.21
2480	-0.81	42.34	5560	-1.28	30.79
2490	-0.66	44.78	5580	-0.76	33.36
2500	-0.60	46.35	5600	-0.43	34.41
			5620	-0.36	35.43
5100	0.27	25.61	5640	-0.58	34.00
5120	0.30	26.70	5660	-0.55	33.37
5140	0.52	28.06	5680	-0.41	34.90
5160	0.79	28.59	5700	-0.44	34.33
5180	1.03	29.52	5720	-0.40	34.59
5200	0.86	29.58	5740	-0.39	35.95
5220	0.57	30.11	5760	-0.42	36.75
5240	0.06	29.23	5780	-0.43	37.25
5260	-0.21	27.88	5800	-0.15	40.20
5280	-0.40	28.01	5820	-0.15	40.21
5300	-0.69	28.25	5840	-0.18	40.53
5320	-0.88	29.19	5860	-0.45	38.63
5340	-0.79	31.36	5880	-0.61	37.11
5360	-0.55	33.51	5900	-0.96	33.54
5380	-0.67	32.76			

4. Antenna pattern

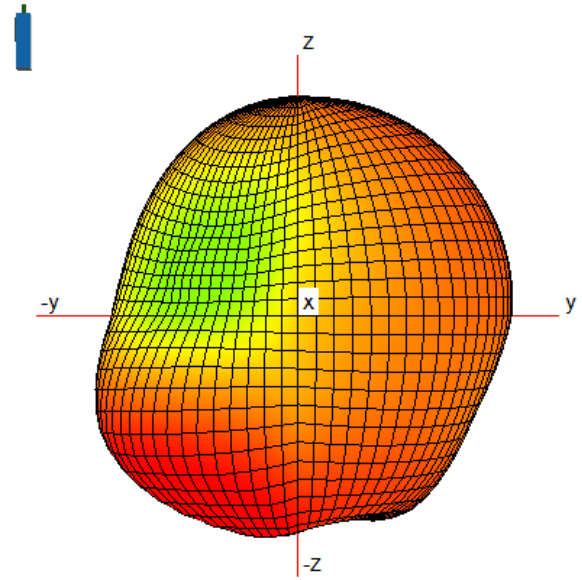
1、2400MHz Direction map



Horizontal plane

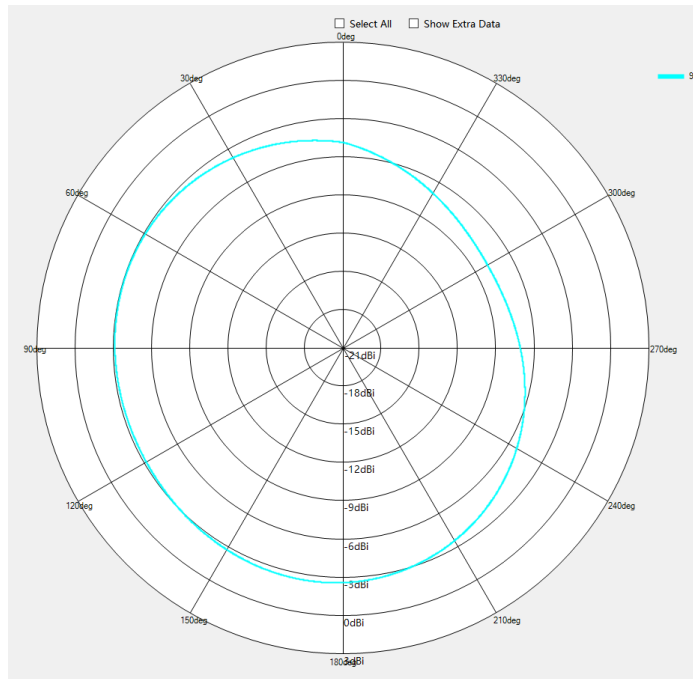


Vertical plane

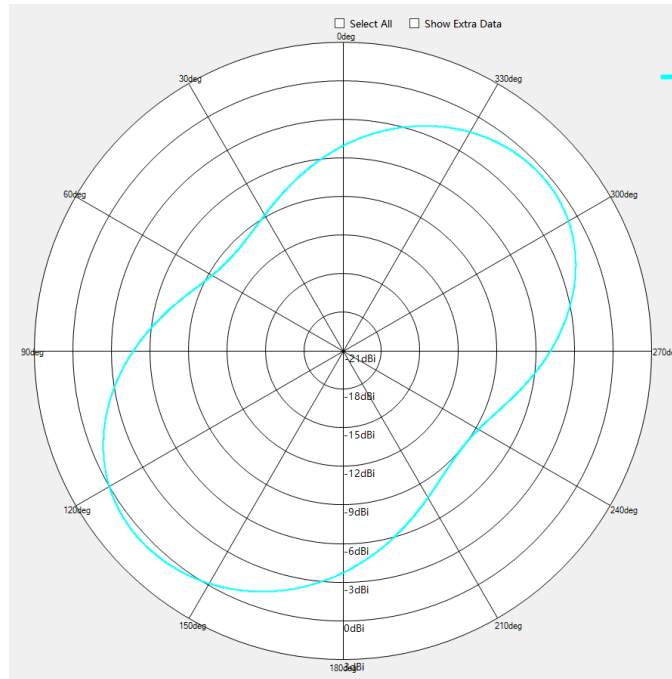


3D

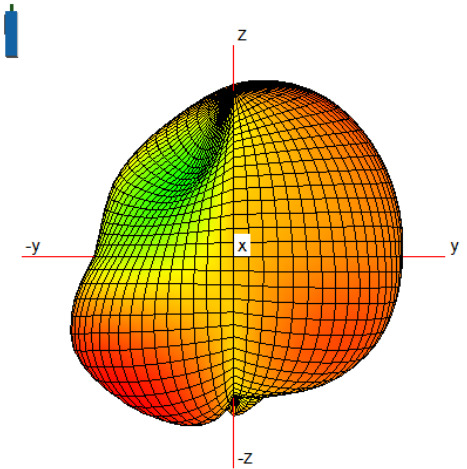
2、2500MHz Direction map



Horizontal plane

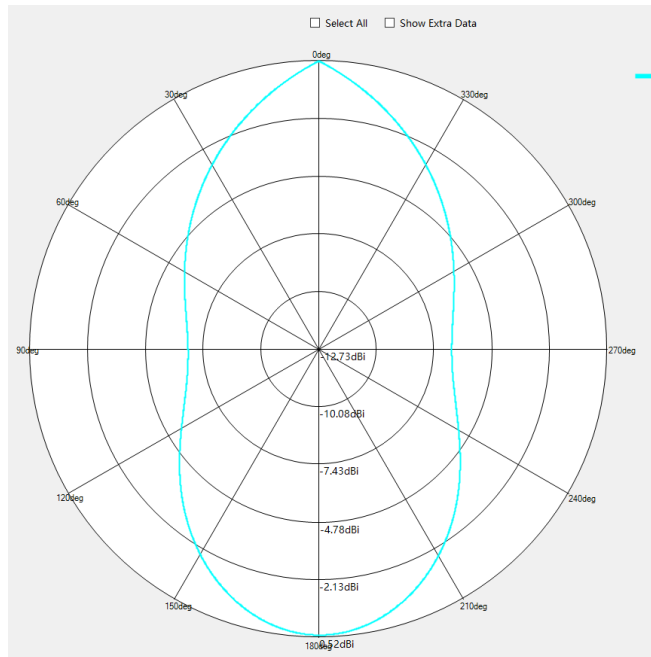


Vertical plane

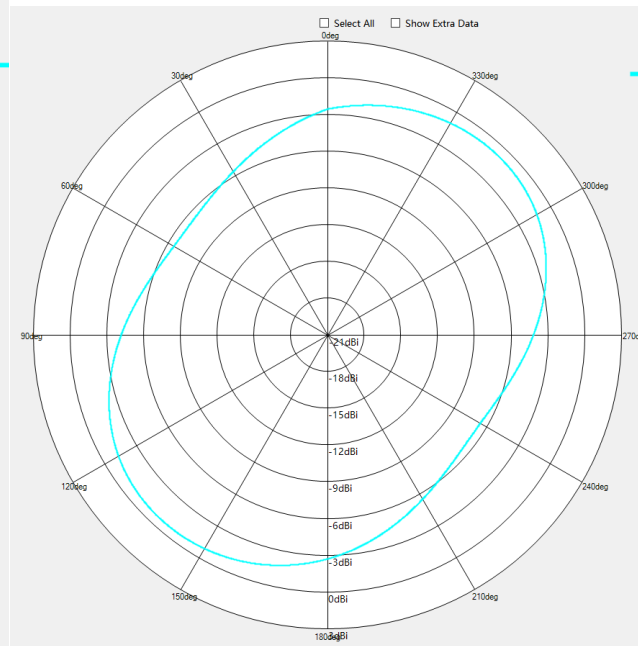


3D

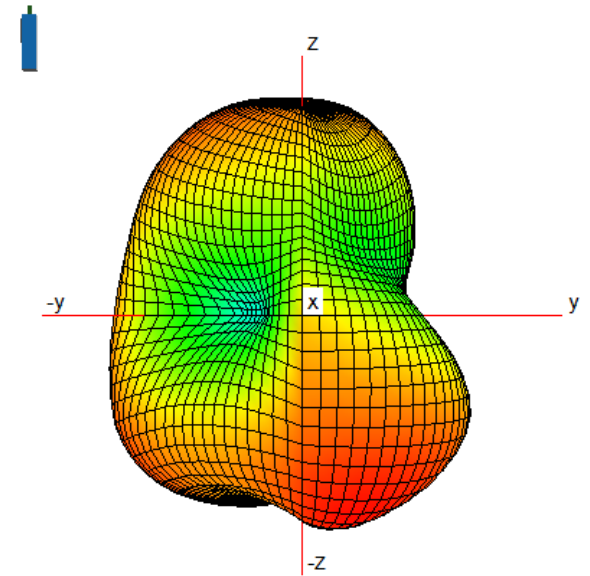
3、5140MHz Direction map



Horizontal plane

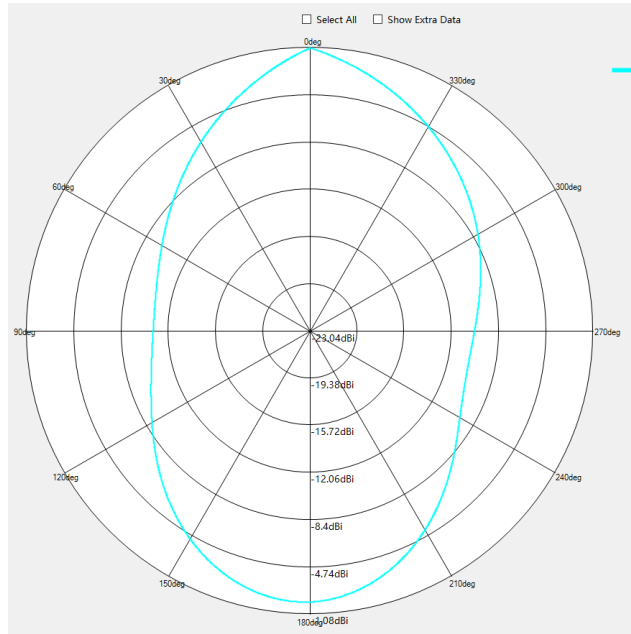


Vertical plane

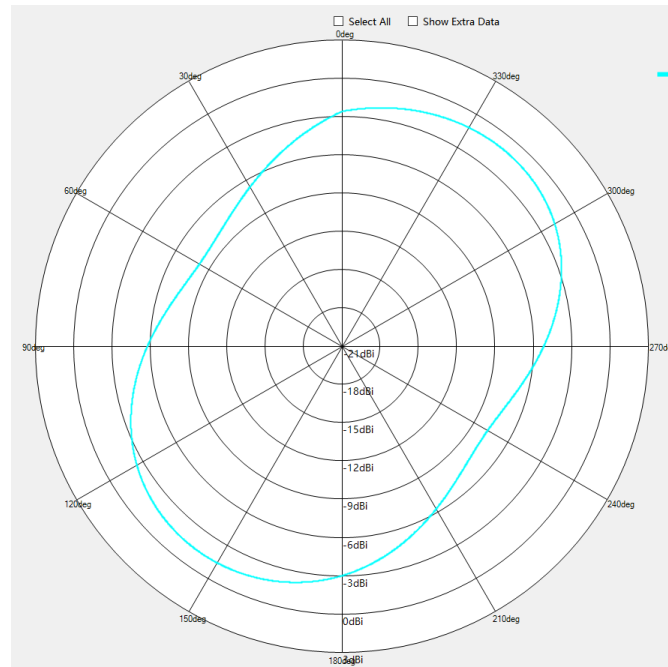


3D

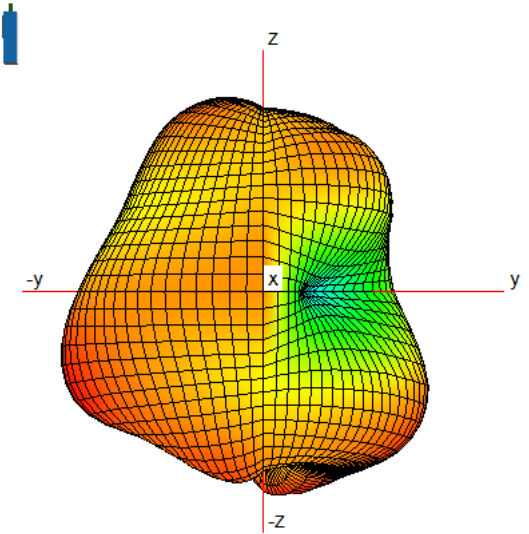
4、5500MHz Direction map



Horizontal plane

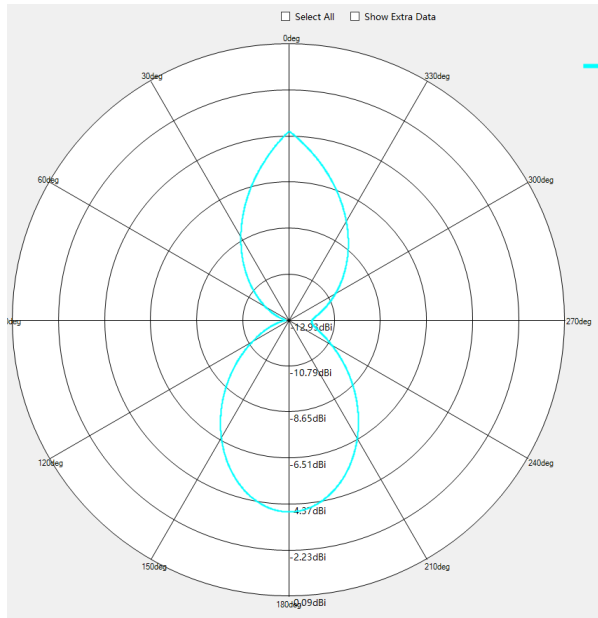


Vertical plane

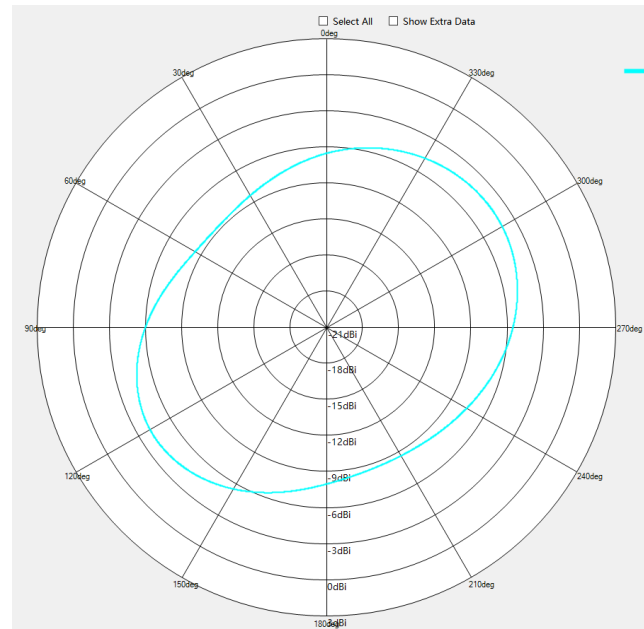


3D

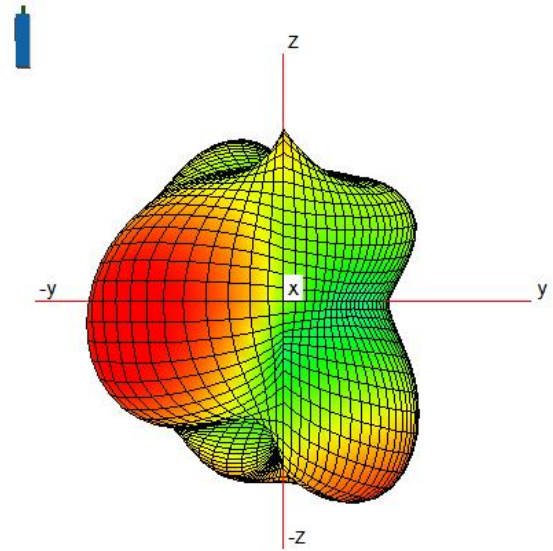
5、5860MHz Direction map



Horizontal plane



Vertical plane



3D