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1 产品图片 product picture



2 产品规格 Product Specifications

无源电性能指标 Passive Electrical Specifications	
频率范围 Frequency Range (MHz)	2400-2500,5150-5850
输入阻抗 Input Impedence (Ω)	50
电压驻波比 VSWR	≤ 2.0
增益 Gain (dBi)	$\leq 3\text{dBi}$
极化形式 Polarization Type	线性 Linear
机械指标 Mechanical Specifications	
天线尺寸 Antenna Size (mm)	71.7*30*12.8mm
馈线长度 Cable Length (mm)	200mm
连接器型号 Connect Type	Rosenberger:59Z113-000-Z
工作温度 Working Temperature ($^{\circ}\text{C}$)	-40 ~ +85
储存温度 Storage Temp ($^{\circ}\text{C}$)	-40 ~ +90
颜色 Radome Color	黑色 black

3 测试环境 Test environment

网络分析仪：安捷伦 5071B

Network Analyzer: Agilent 5071 B

综合测试仪：R&SCMW500(2/3/4G/NB-IoT/W/BT)；AnritsuMT8820C

Comprehensive tester: R&S CMW500(2/3/4G/NB-IoT/WIFI/BT); Anritsu MT8820C

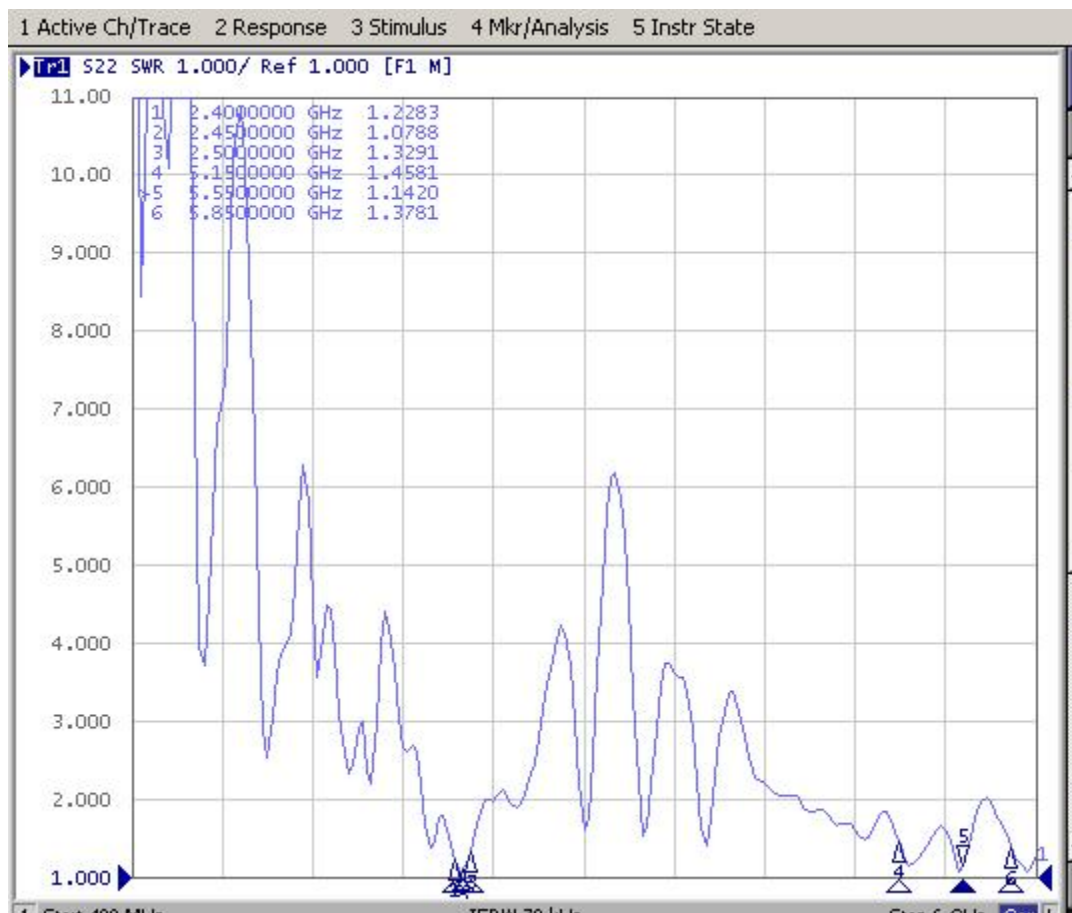
微波暗室：5G SISO/MIMO, 400 MHz – 8.0 GHz

RayZone® 2800 Chamber 5G (FR1) SISO/MIMO, 400 MHz – 8.0 GHz



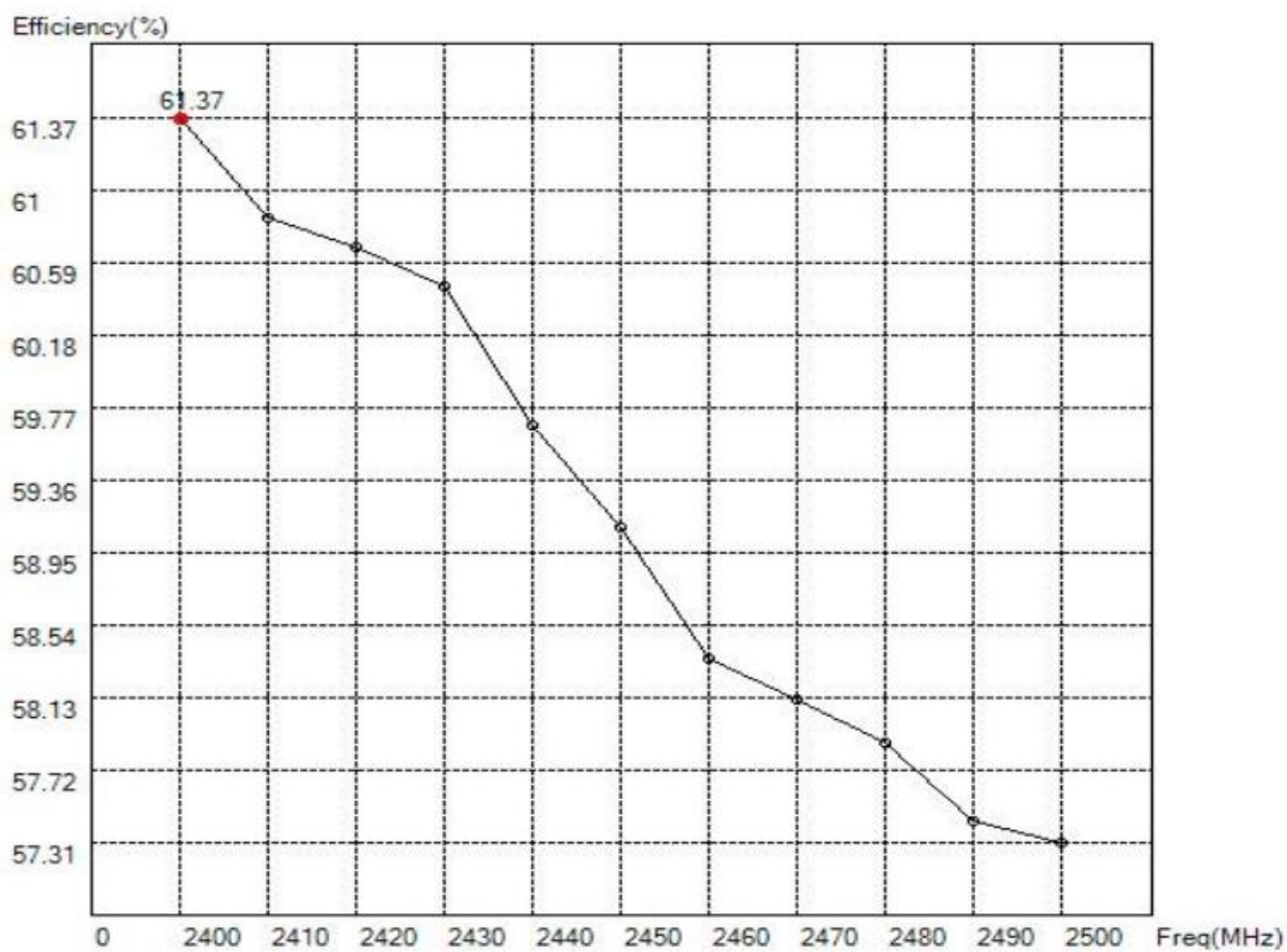
4 测试数据 Test data

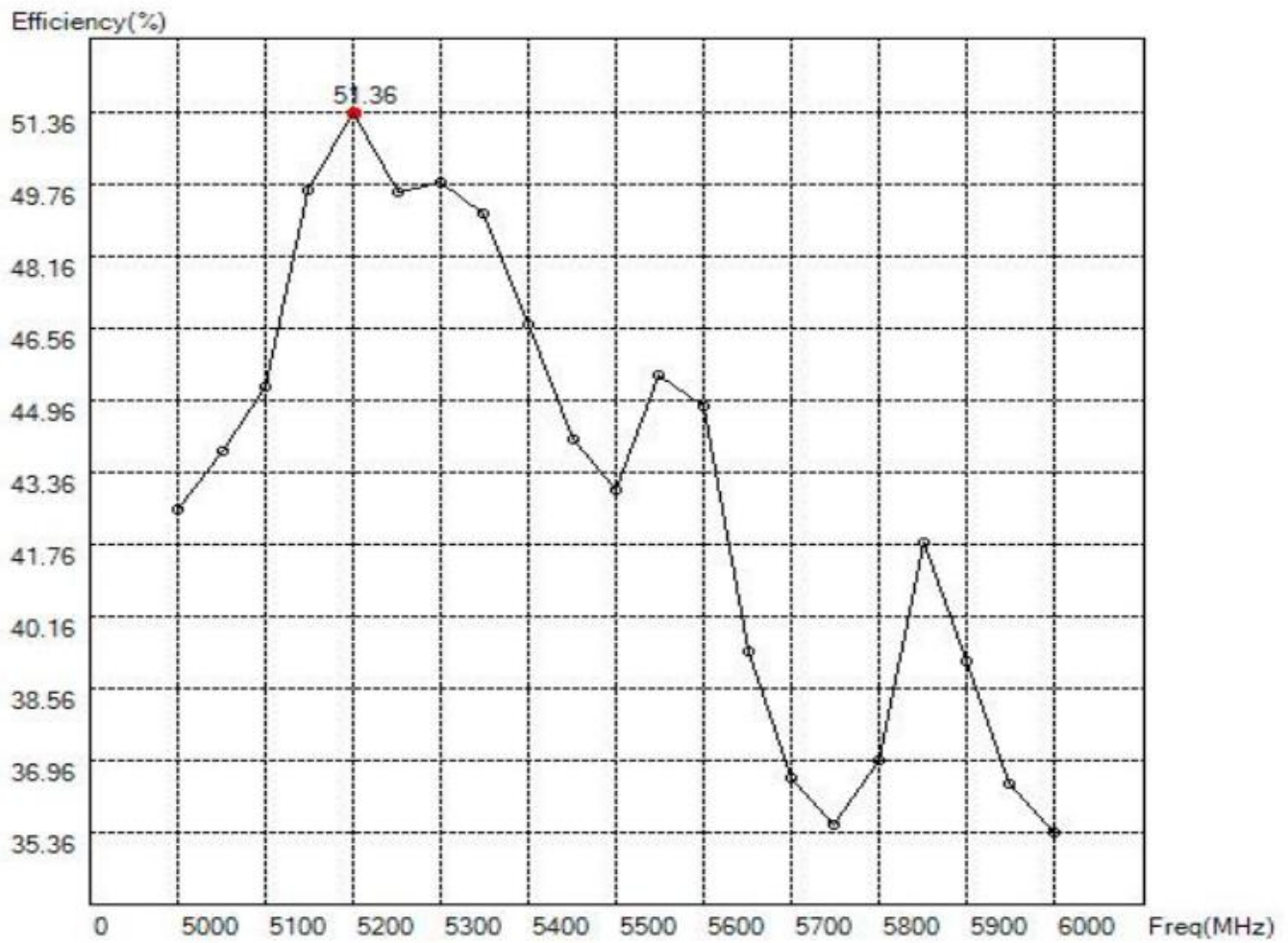
- 驻波比图 VSWR



Frequency(MHz)	2400	2450	2500	5150	5550	5850
VSWR	1.22	1.07	1.32	1.45	1.14	1.37

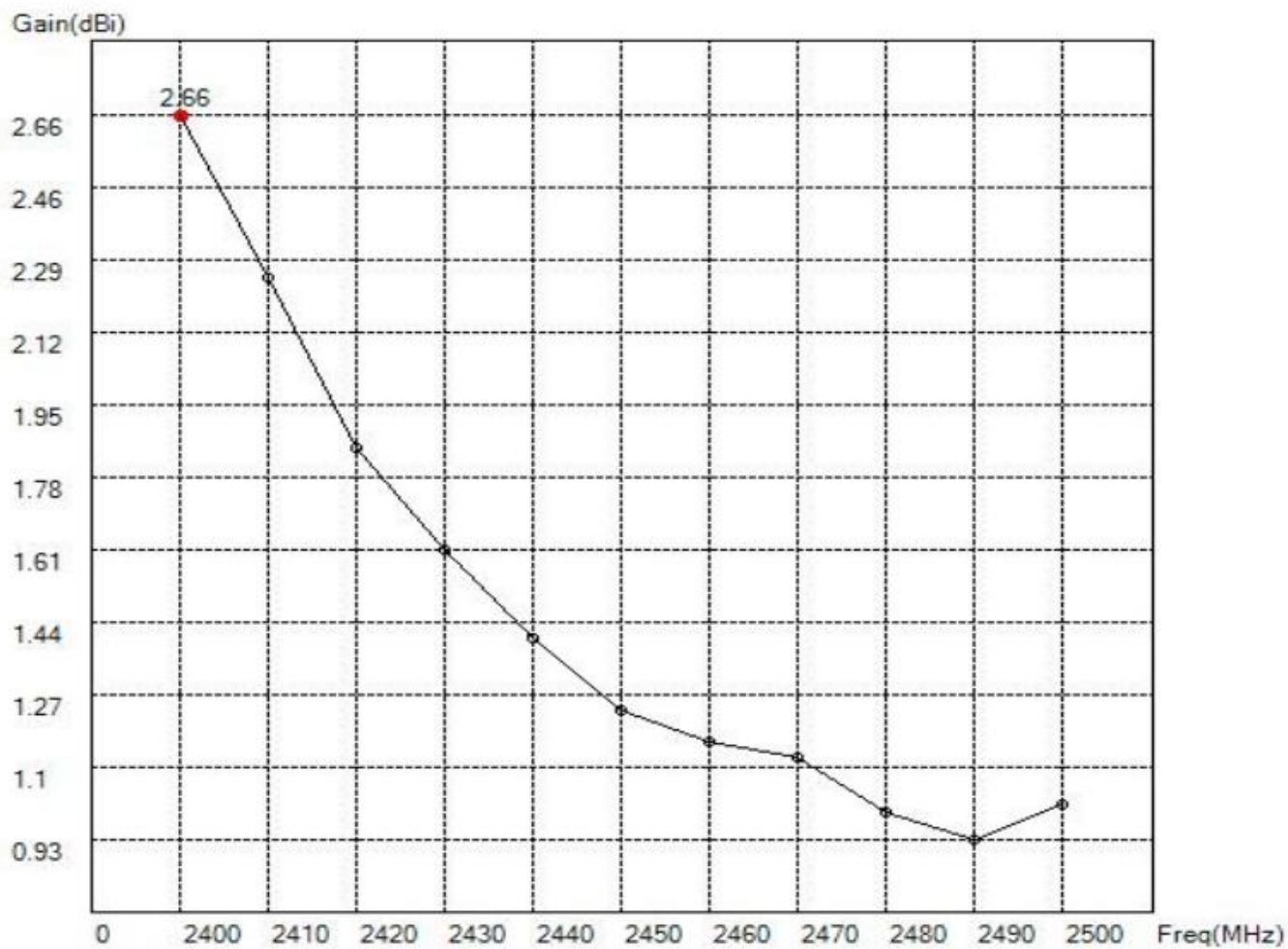
● 效益 Efficiency

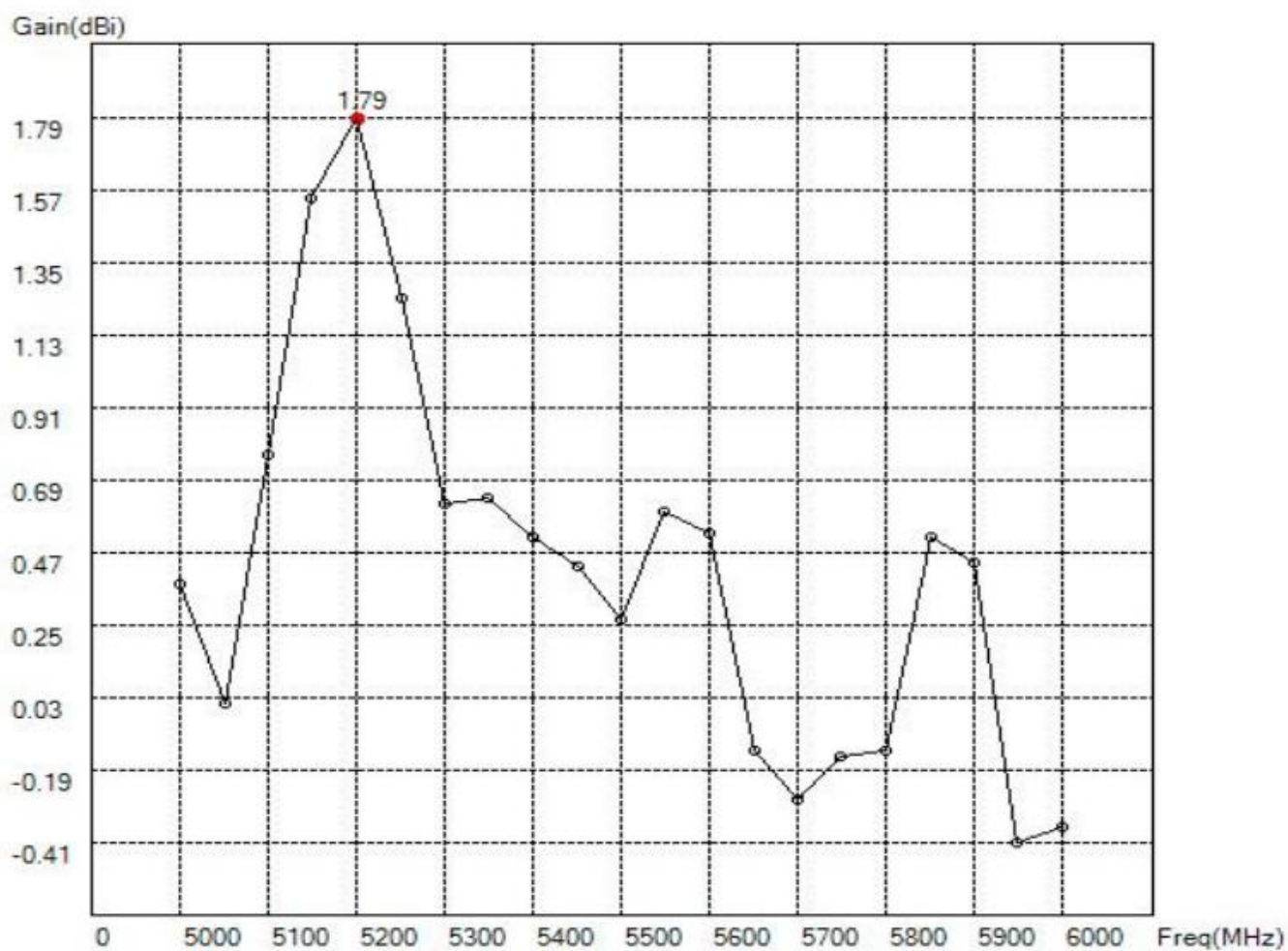




Frequency(MHz)	2400	2450	2500	5150	5550	5850
Efficiency(%)	61.37	59.07	57.31	49.63	45.51	41.81

● 增益 Gain

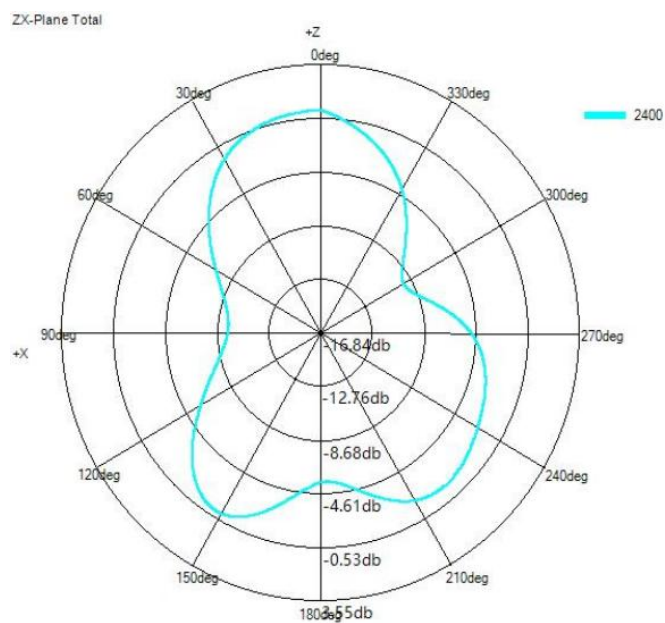
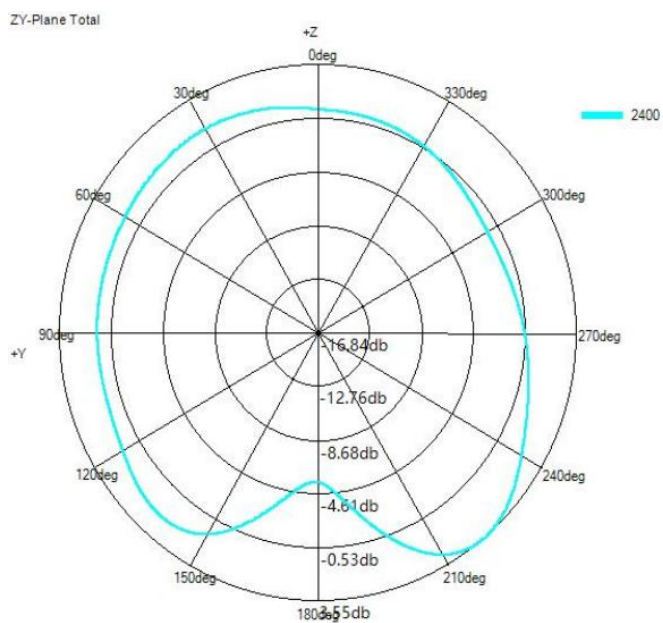
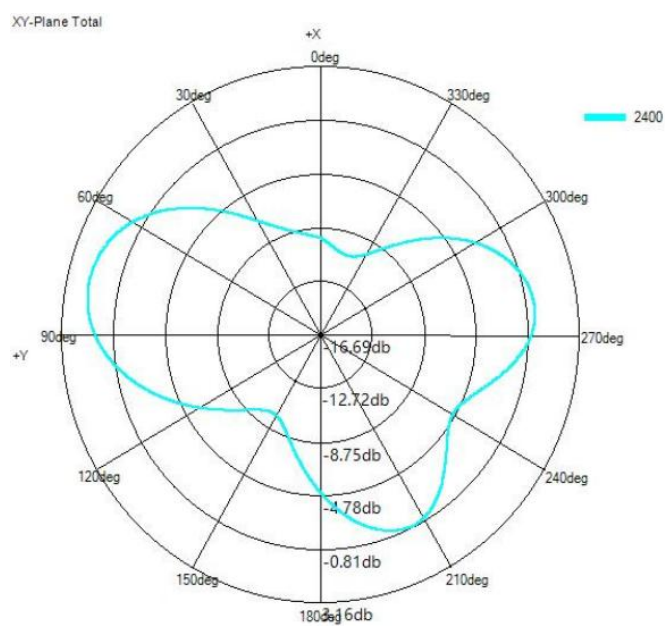
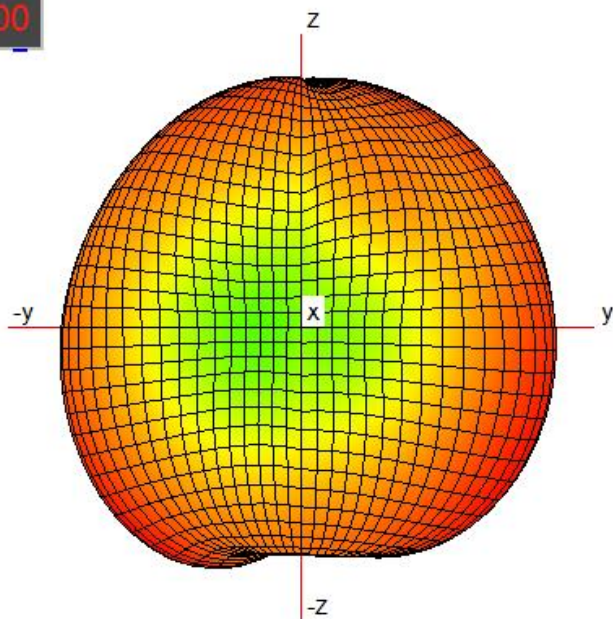




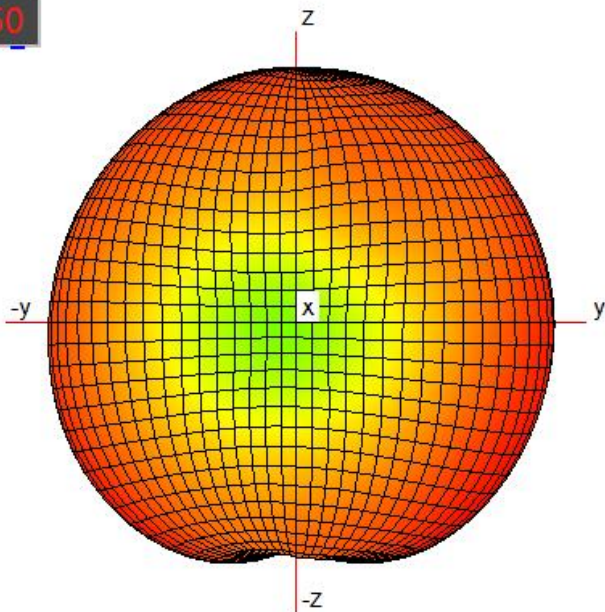
Frequency(MHz)	2400	2450	2500	5150	5550	5850
Gain	2.66	1.24	1.01	1.55	0.59	0.52

● 方向辐射图 Radiation Patterns

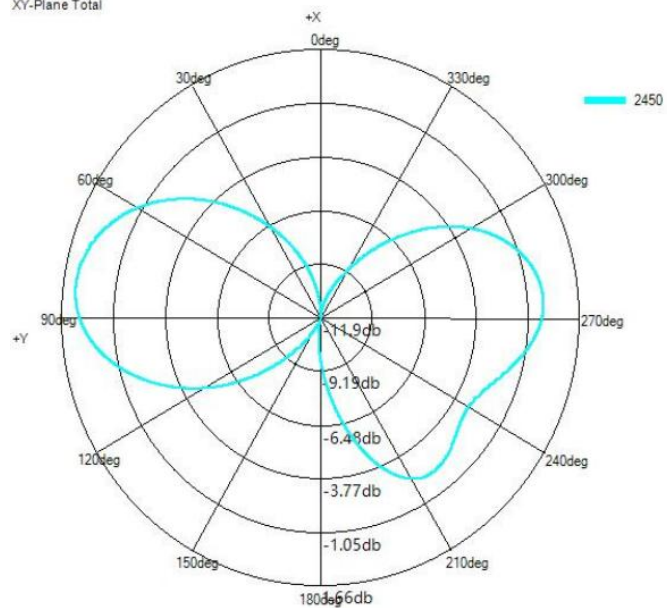
2400



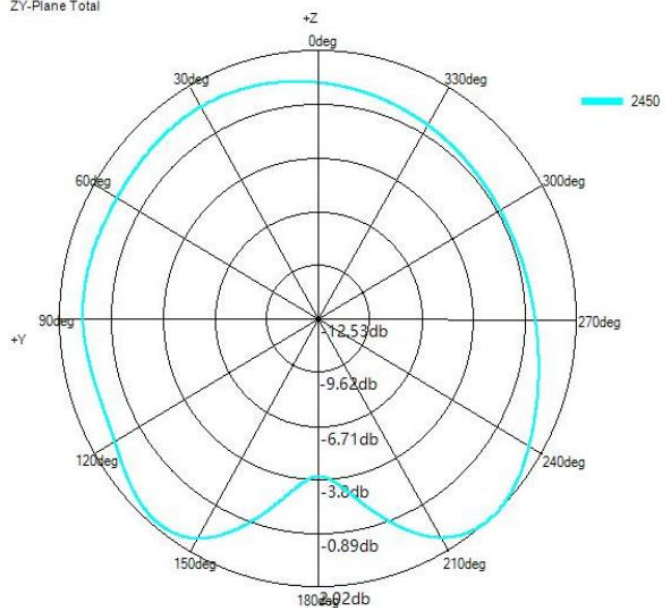
2450



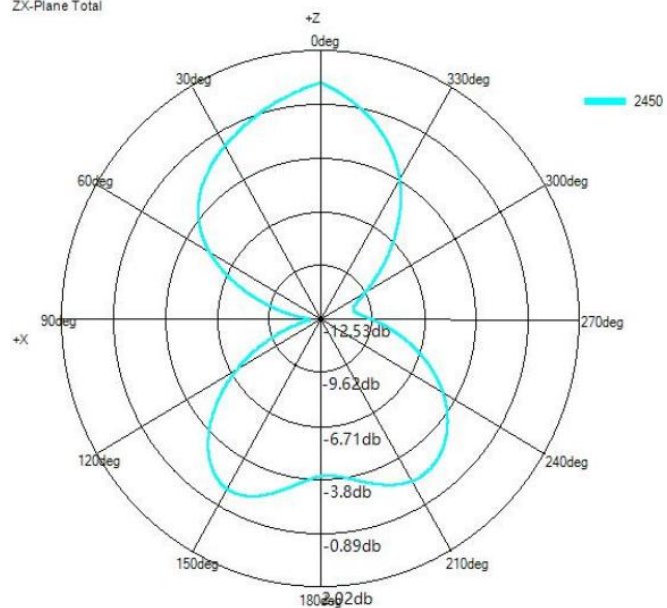
XY-Plane Total



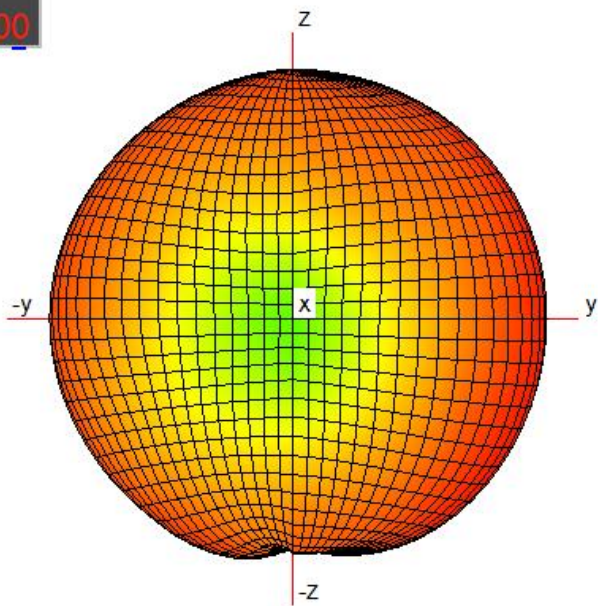
ZY-Plane Total



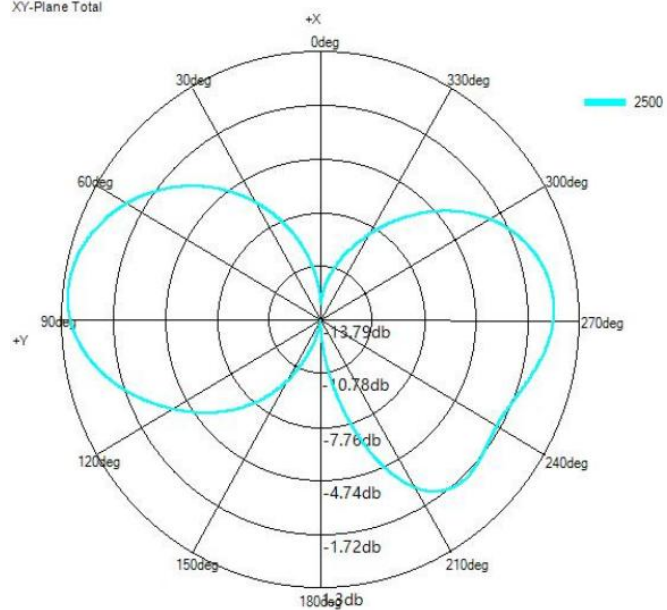
ZX-Plane Total



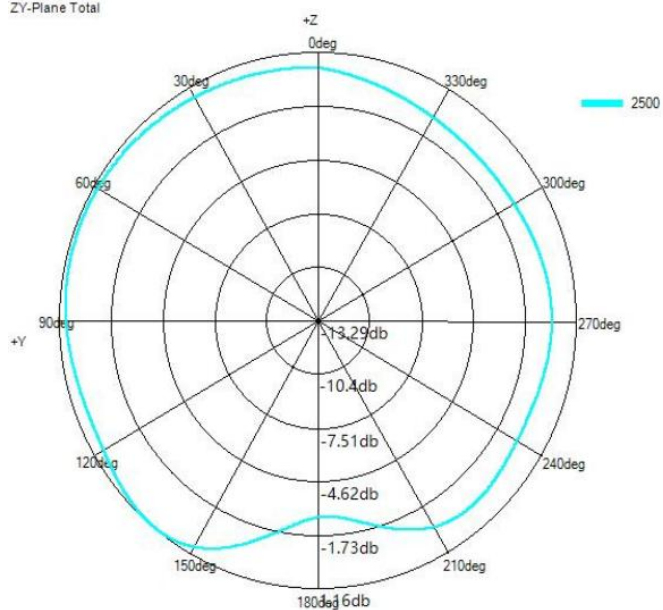
2500



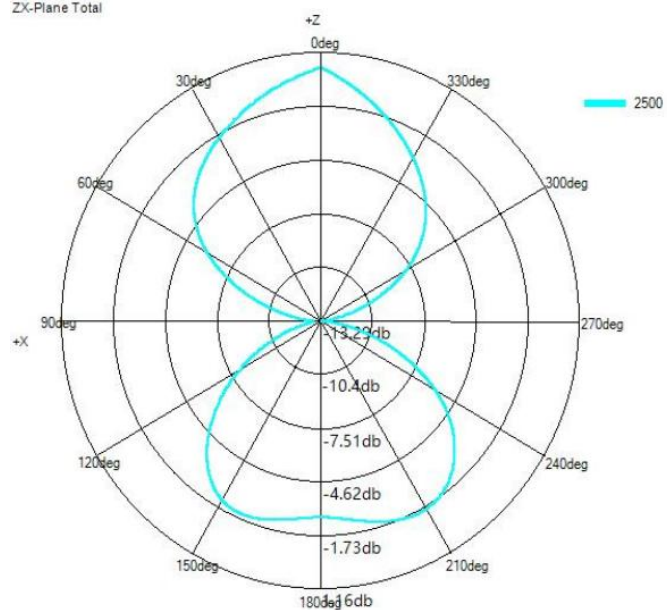
XY-Plane Total



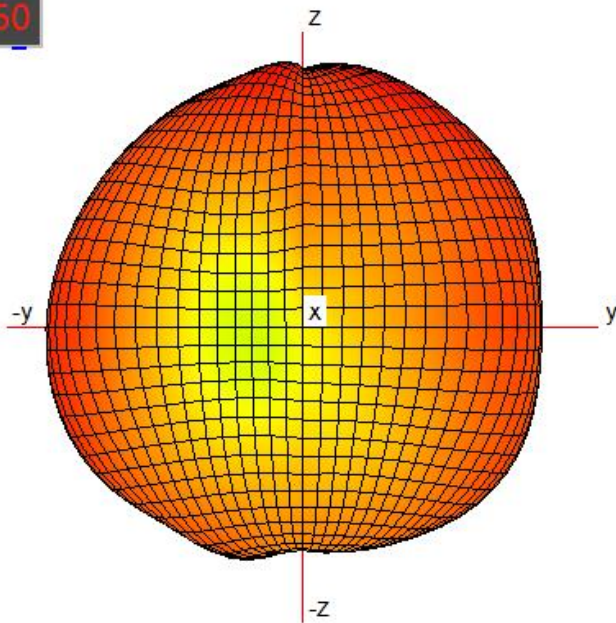
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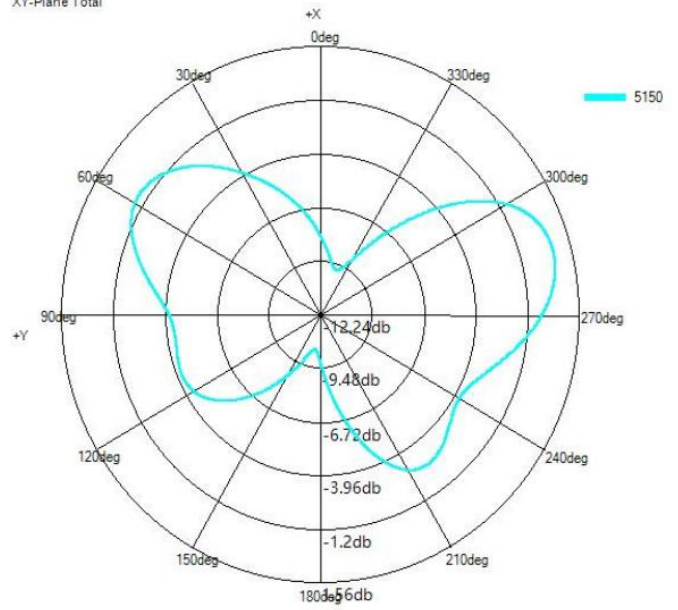
ZX-Plane Total



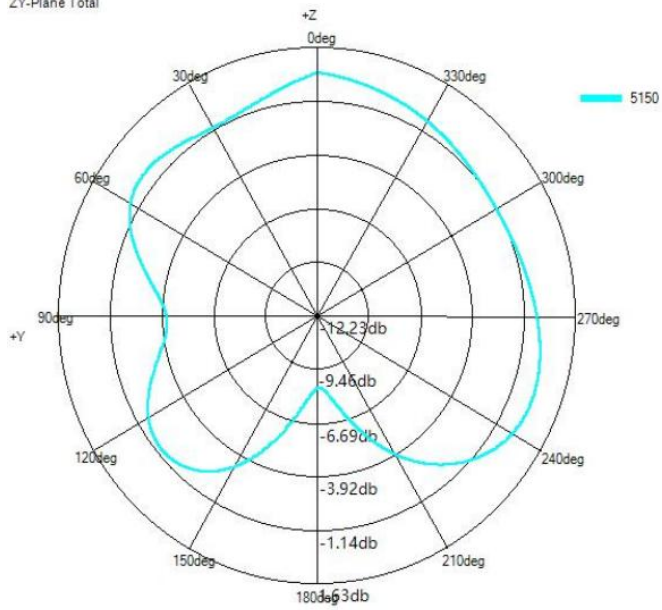
5150



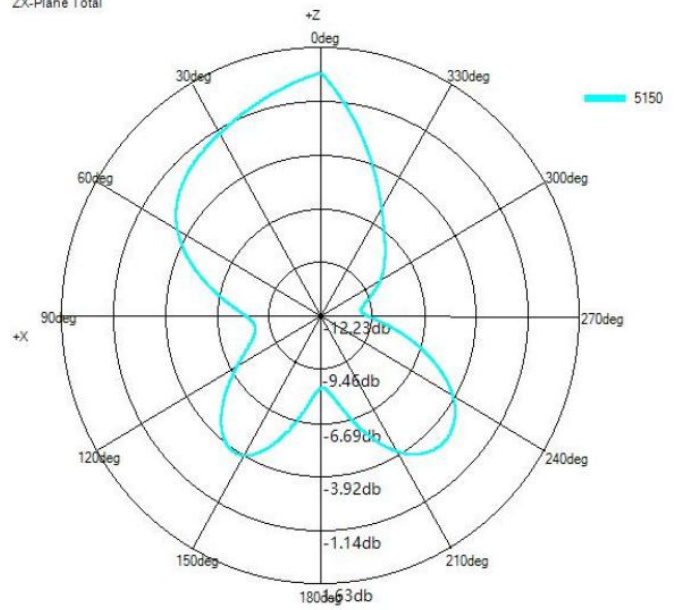
XY-Plane Total



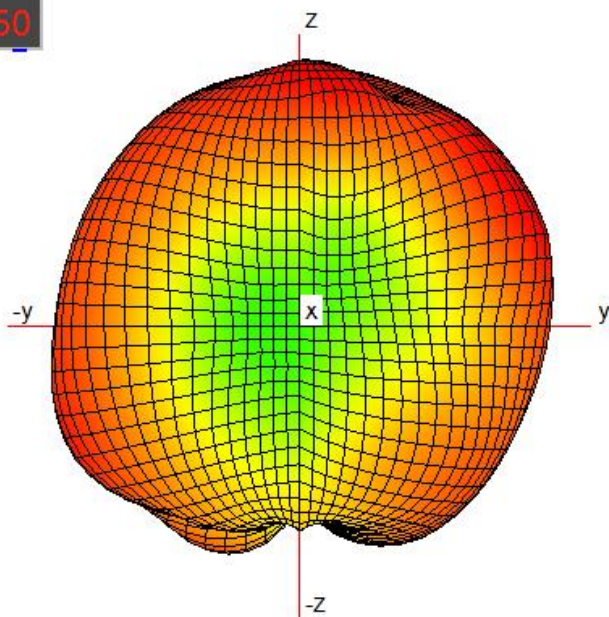
ZY-Plane Total



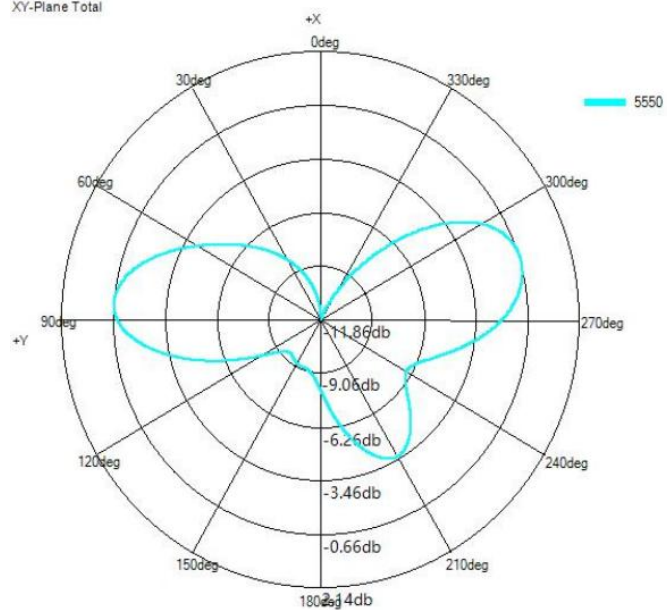
ZX-Plane Total



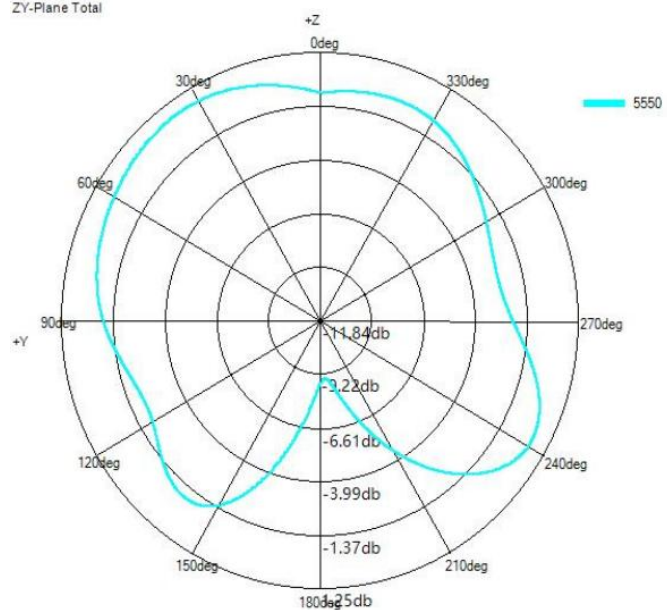
5550



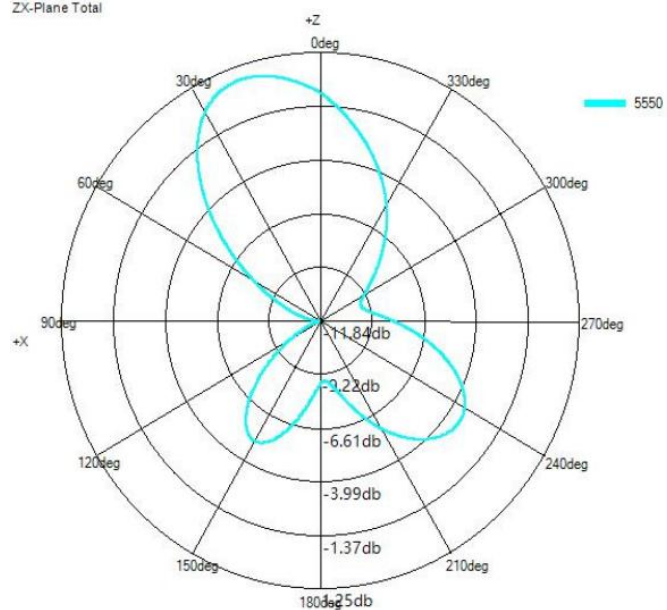
XY-Plane Total



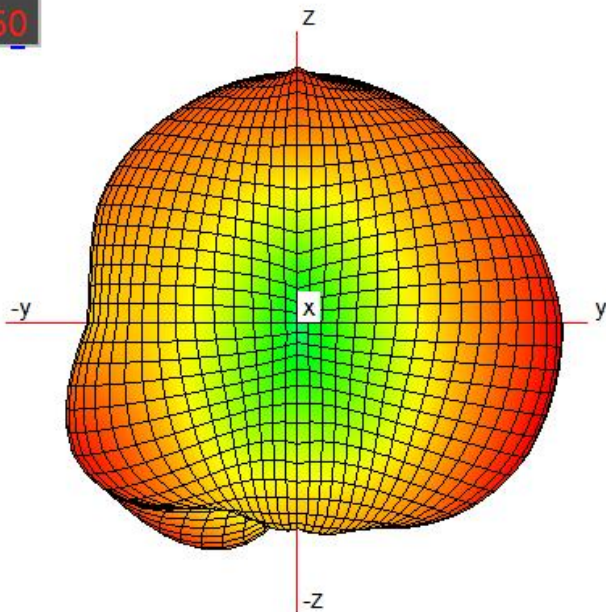
ZY-Plane Total



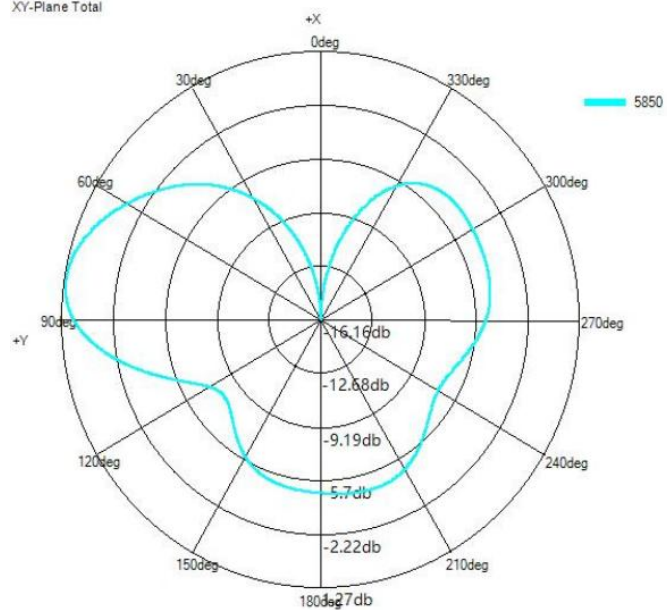
ZX-Plane Total



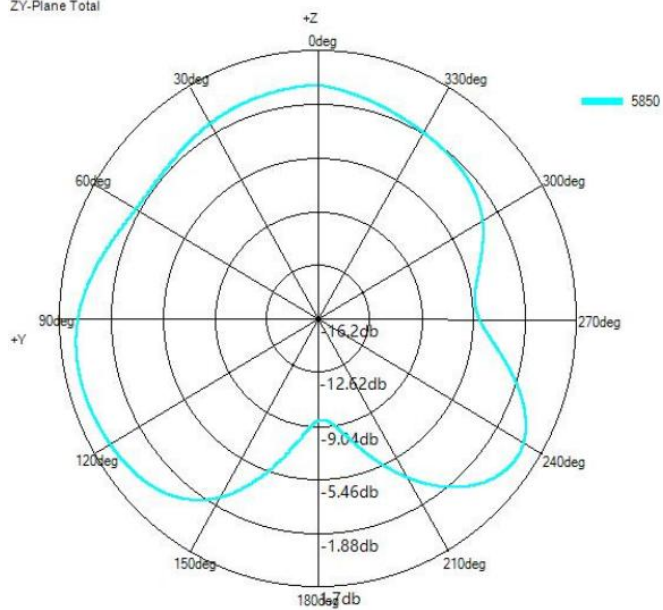
5850



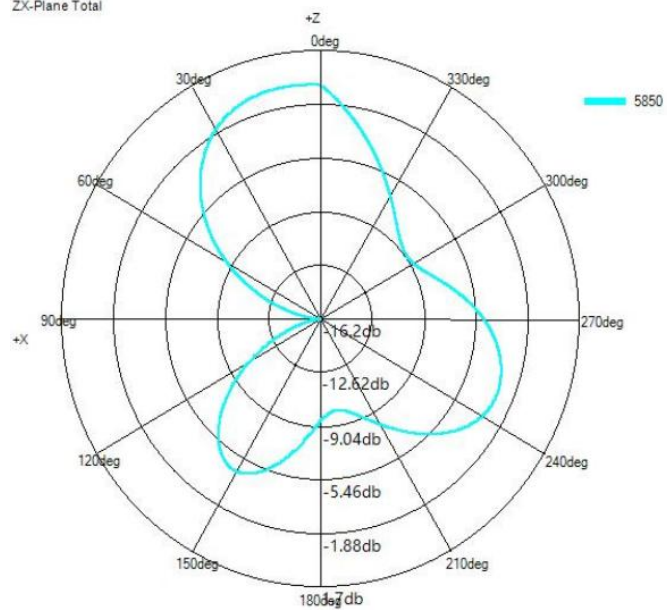
XY-Plane Total



ZY-Plane Total



ZX-Plane Total





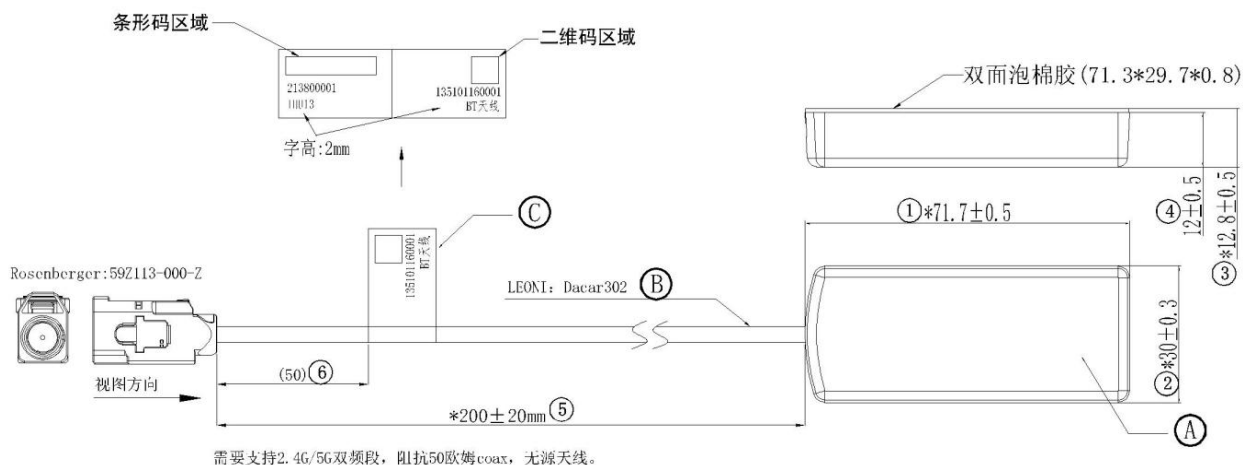
6、尺寸测试报告 Size test report



深圳市杰讯通无线技术有限公司

尺寸检验报告

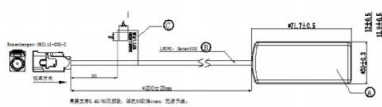
2D 图纸:



尺寸测试:

No.	规格 (MM)	实测数据					判定	备注
		1	2	3	4	5		
1	*71.7±0.5	71.50	71.47	71.49	71.48	71.50	OK	
2	*30±0.3	30.02	30.05	30.01	30.03	30.05	OK	
3	*12.8±0.5	13.25	13.27	13.24	13.27	13.26	OK	
4	12±0.5	12.18	12.20	12.17	12.19	12.21	OK	
5	*200±20	209	209	209	209	209	OK	
6	50±0.2	50	50	50	50.1	50	OK	

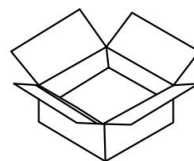
7、包装方式 packing



1PCS装一个小PE袋



20PCS装一个大PE袋



200PCS装一个纸箱

