

PRODUCT SPECIFICATION

Customer:

Customer's part number:

Product description: 2.4G-5.8G Terminal Antenna

part number:

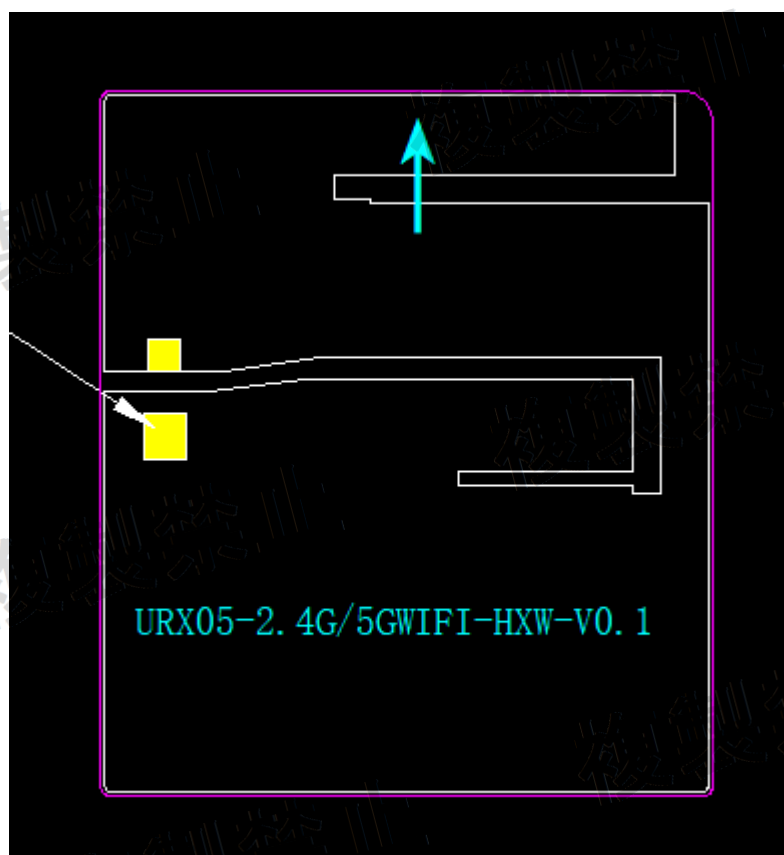
Issue Date: 2025-3-11

Customer:				
客户确认	核对	审查	核准	承认日期
Customer Approval				
Provider:				
供应商确认	制作	审核	核准	制作日期
Provider Approval				

1、技术指标（PRODUCT TECHNICAL SPECIFICATION）

电性能指标Electrical Specifications	
频率范围Frequency Range (MHz)	2400-2500/5150-5850
频带宽度Bandwidth (MHz)	100/700
输入阻抗Input Impedence (Ω)	50
电压驻波比 V.S.W.R	≤ 1.5
增益 Gain (dBi)	see p4
极化形式Polarization Type	Vertical
功率容量Power Capacity (w)	50
机械指标Mechanical Specifications	
天线长度Antenna Length (mm)	$\varnothing 110\text{mm}$
辐射体Radiator	Cuprum
连接器型号Connect Type	IPEX-1
工作温度 Working Temp($^{\circ}\text{C}$)	-40~60
外壳颜色Radome Color	Black
重量Weight (g)	10g

2. 产品图片 (PRODUCT PICTURE)



4、测试数据 (TEST REPORT)

4.1：驻波比图 VSWR



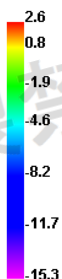
4.2：Efficiency and Gain

Passive Test For 2.4G		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	62.16	2.58
2410	62.53	2.87
2420	62.5	2.65
2430	61.41	2.6
2440	60.51	2.38
2450	57.12	2.09
2460	57.08	2.08
2470	55.46	2.01
2480	56.48	2.17
2490	58.47	2.3
2500	61.42	2.51

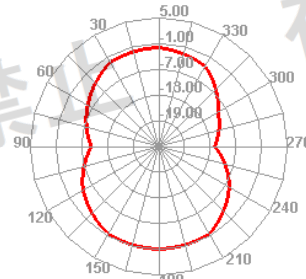
Passive Test For 5G		
Freq (MHz)	Effi (%)	Gain (dBi)
5000	54.21	1.16
5040	51.05	1
5080	57.86	1.49
5120	57.62	1.67
5160	49.21	0.9
5200	48.66	0.27
5240	47.16	0
5280	45.8	-0.27
5320	52.21	0.4
5360	45.17	0.16
5400	64.68	2.05
5440	50.67	1.99
5480	54.62	0.83
5520	62.02	1.62
5560	56.73	0.86
5600	54.04	0.66
5640	54.52	1.56
5680	53.94	0.7
5720	58.57	1.46
5760	50.1	0.48
5800	49.75	0.59

4.3: 3D 方向图:

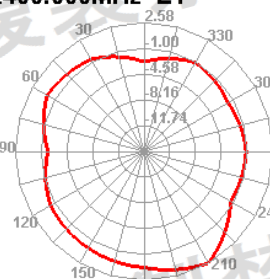
2400.000MHz



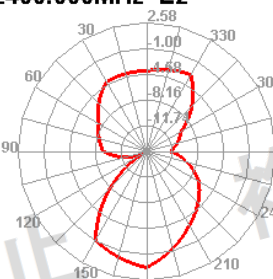
2400.000MHz H



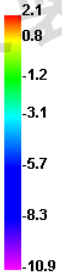
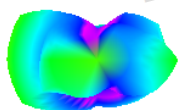
2400.000MHz E1



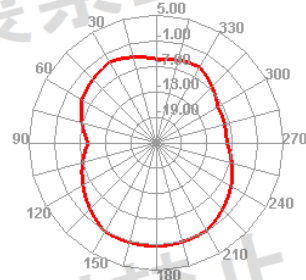
2400.000MHz E2



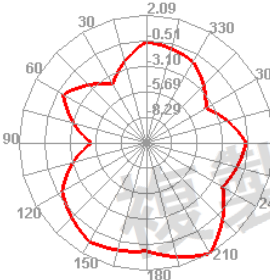
2450.000MHz



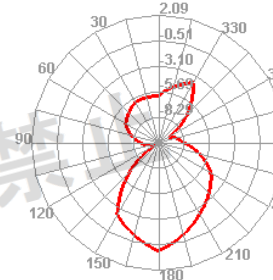
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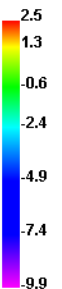
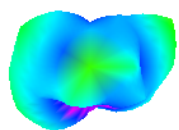
2450.000MHz E1



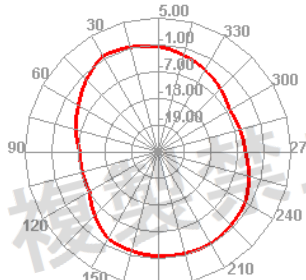
2450.000MHz E2



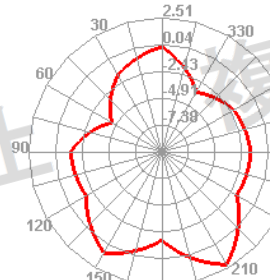
2500.000MHz



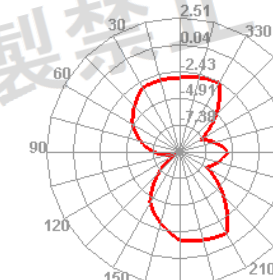
2500.000MHz H



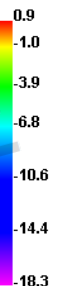
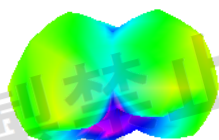
2500.000MHz E1



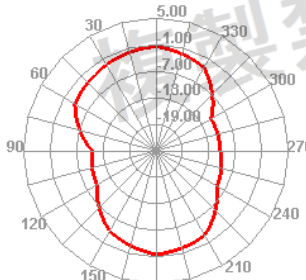
2500.000MHz E2



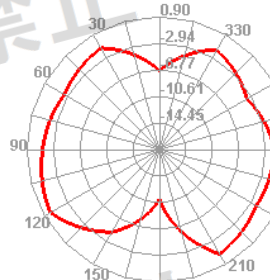
5160.000MHz



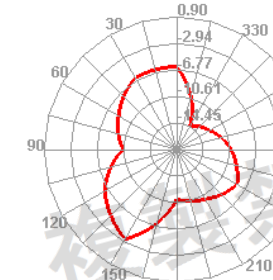
5160.000MHz H



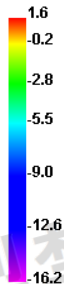
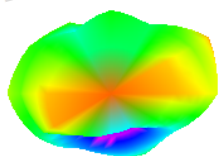
5160.000MHz E1



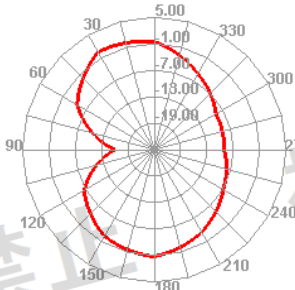
5160.000MHz E2



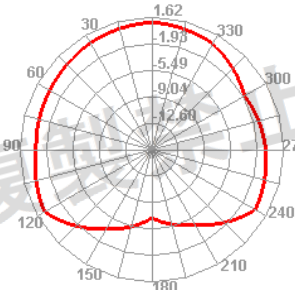
5520.000MHz



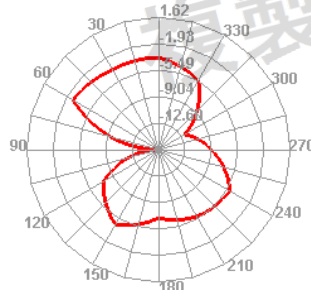
5520.000MHz H



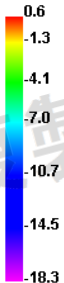
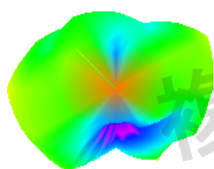
5520.000MHz E1



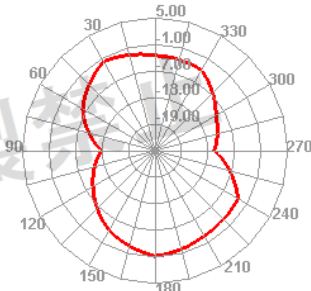
5520.000MHz E2



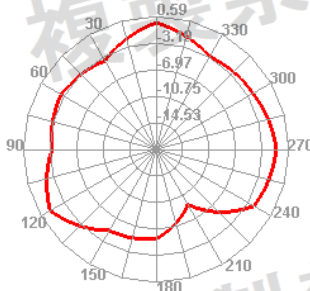
5800.000MHz



5800.000MHz H



5800.000MHz E1



5800.000MHz E2

