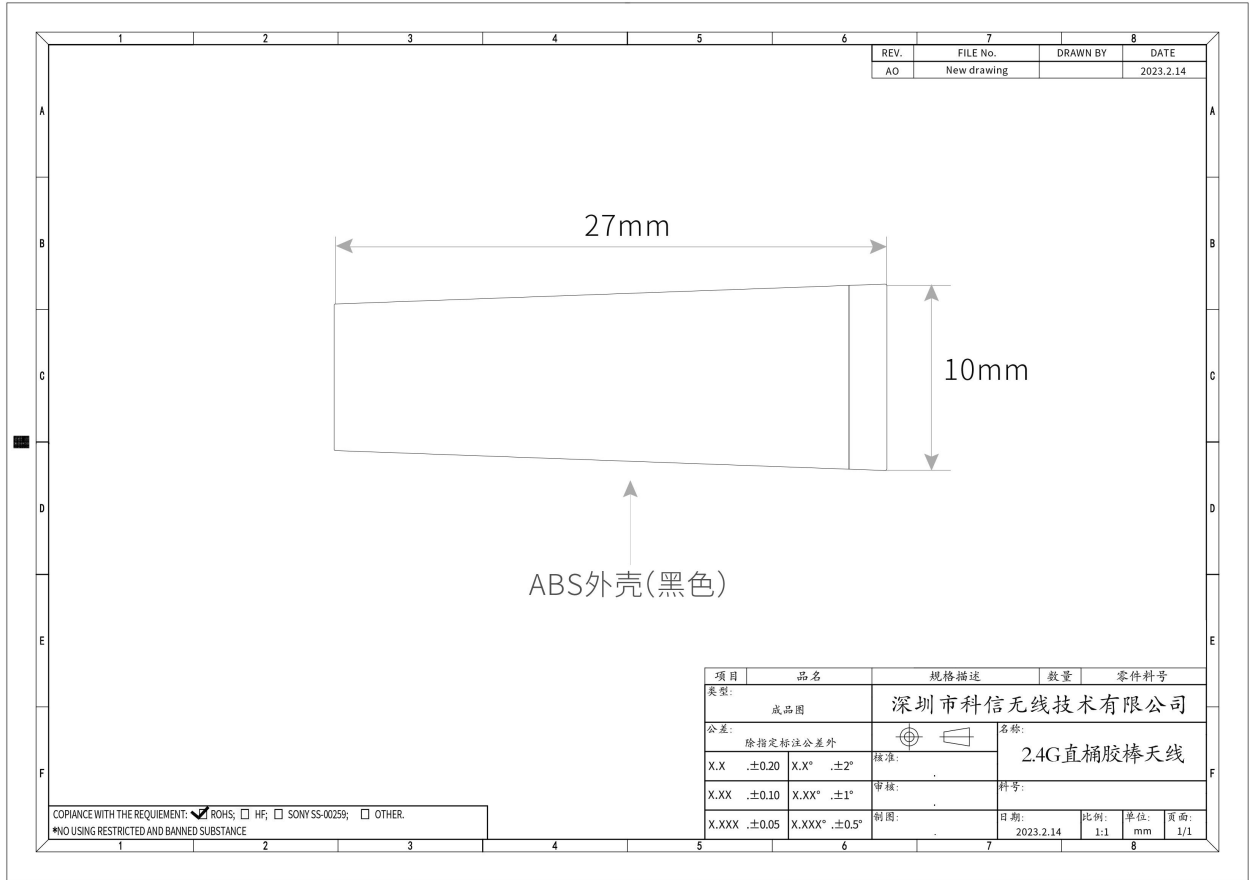


Product specification

Product Name: 2.4G antenna

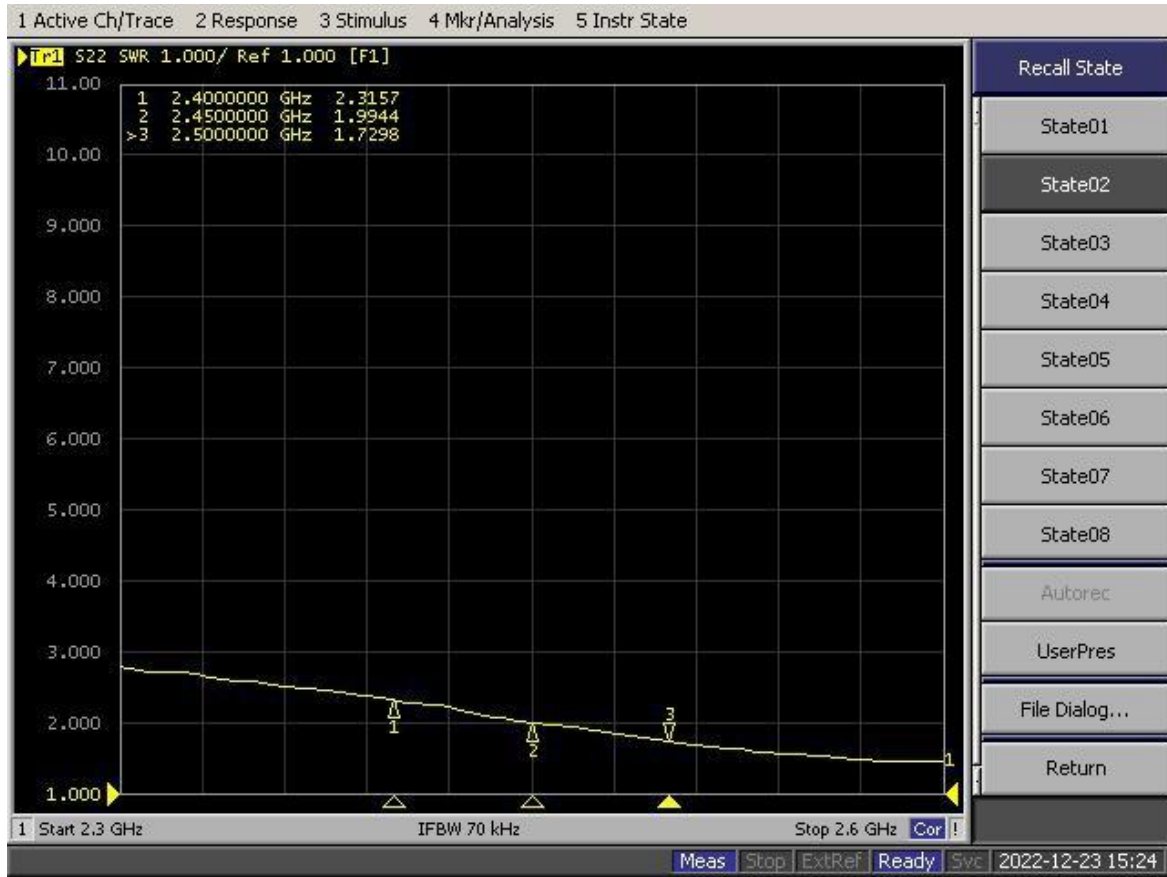
电性能指标 Electrical Specifications	
频率范围 Frequency Range (MHz)	2400-2500
输入阻抗 Input Impedence (Ω)	50
电压驻波比 V.S.W.R	≤ 2.0
增益 Gain (dBi)	2 ± 0.5
极化形式 Polarization Type	垂直 Vertical
最大功率 Maximum power(W)	20
垂直面波瓣角度 Vertical lobe Angle (E)	50~65°
水平面波瓣角度 Water plane lobe Angle (H)	360°
机械指标 Mechanical Specifications	
连接器型号 Connect Type	SMA-J
天线尺寸 Size	$\varnothing 9.5 \times 28.5 \text{MM}$
工作温度 Operating Temp	-30 ~ +50 °C
储存温度 Storage Temp	-30 ~ +70 °C

Product structure drawing



Electrical performance test report

VSWR

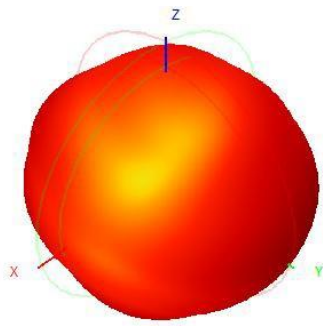




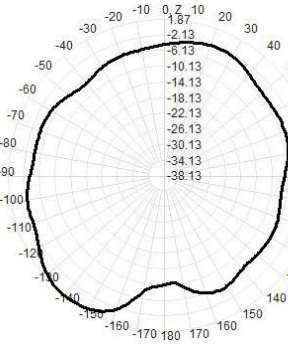
Efficiency & gain

Frequency (MHz) (工作频段)	Efficiency (%) (效率)	Peak Gain (dBi) (增益)
2400	60.90	1.88
2410	60.08	1.84
2420	60.85	1.79
2430	57.66	1.51
2440	55.80	1.59
2450	57.22	2.00
2460	55.98	2.16
2470	55.28	2.23
2480	57.12	2.34
2490	58.46	2.28
2500	60.28	2.38

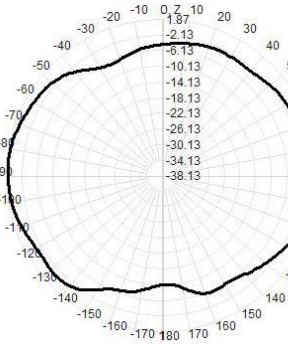
2D&3D Direction chart



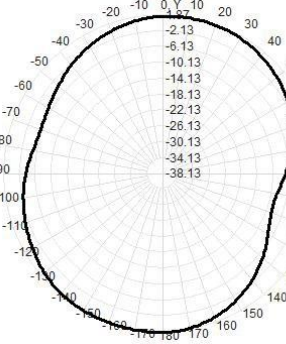
2400MHz



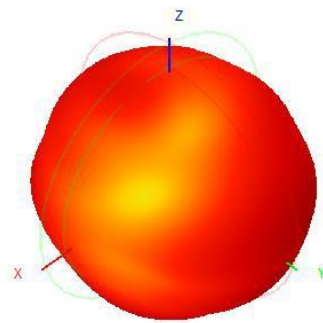
E1



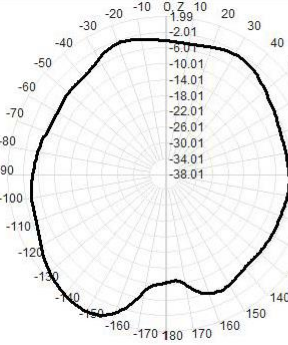
E2



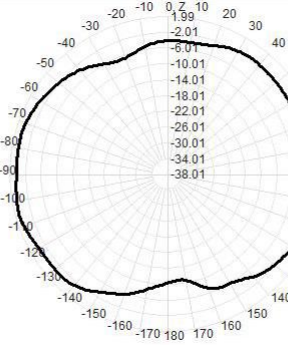
H



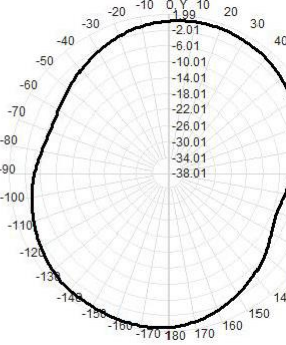
2450MHz



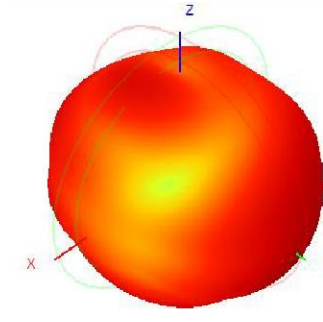
E1



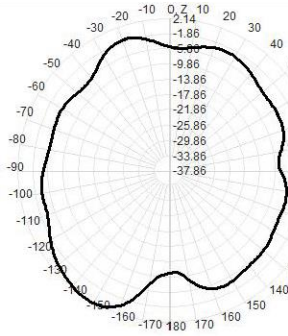
E2



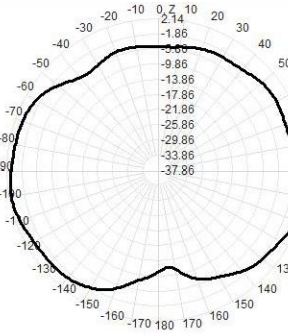
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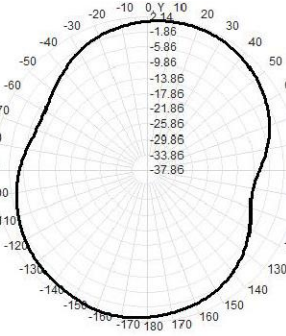
2500MHz



E1



E2



H



Product picture: