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# 技术规格书

## 一、电气参数 (Electrical parameters)

Frequency 频率范围	2.4~2.5/5.15~5.85GHz
Impedance 特性阻抗	50±2 Ohm
S.W.R. 电压驻波比	≤2.0
Antenna Gain 增益	3dBi
Max Input Power 最大输入功率	>= 2W

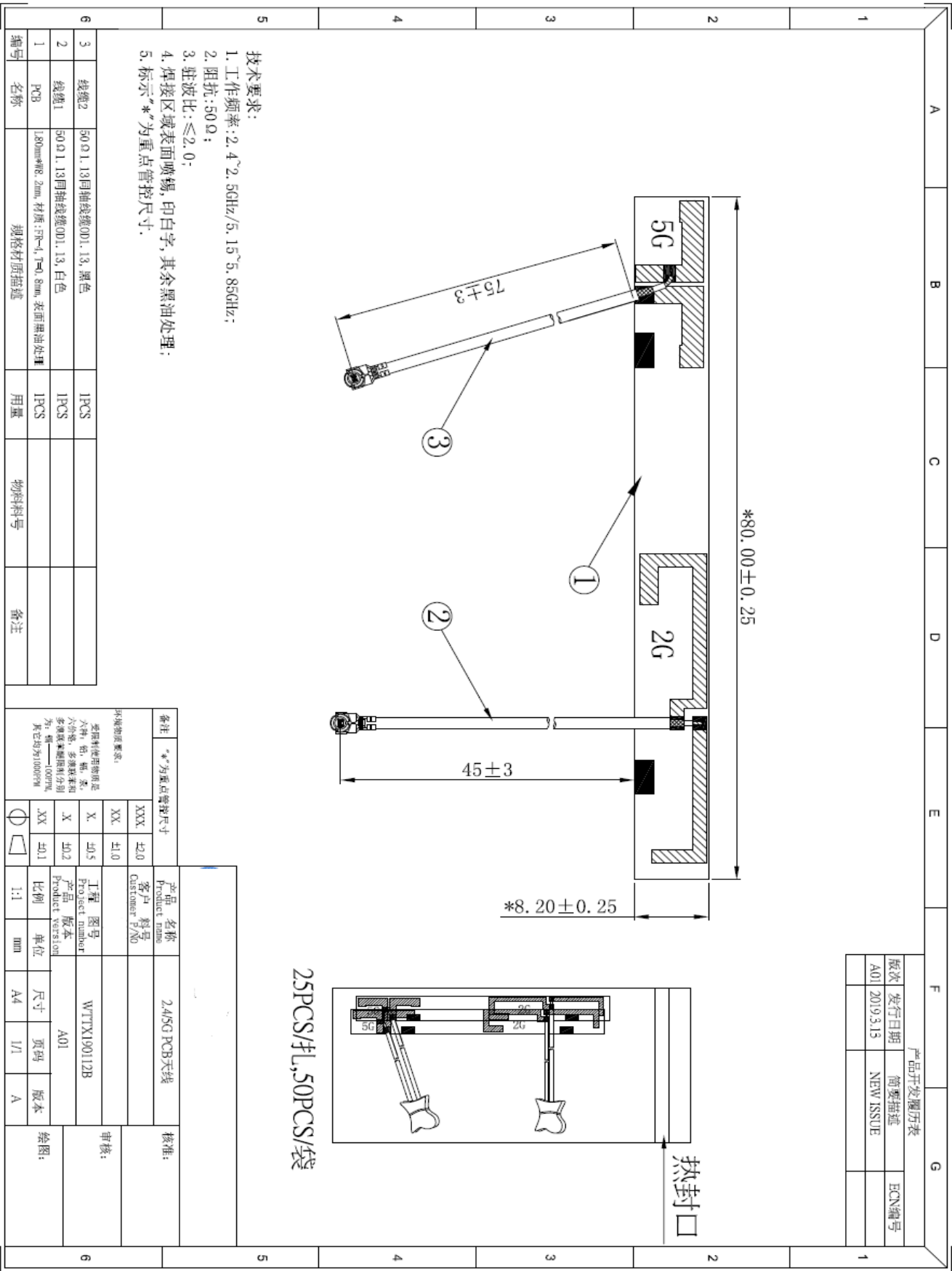
## 二、机械参数 (Mechanical parameters)

Connector Type 接头类型	MHF PLUG FOR 1.13 CABLE
Cable Type 射频线型号	50 Ω ,1.13 同轴线缆 OD1.13mm,白色&黑色
Material of PCB PCB 材质	FR-4
weight 重量	2.0g
Antenna Dimensions 天线尺寸	L80*W8.2mm
Packaging 包装	PE 袋包装

## 三、工作/储存温度 (Operating/ Storage Temperature)

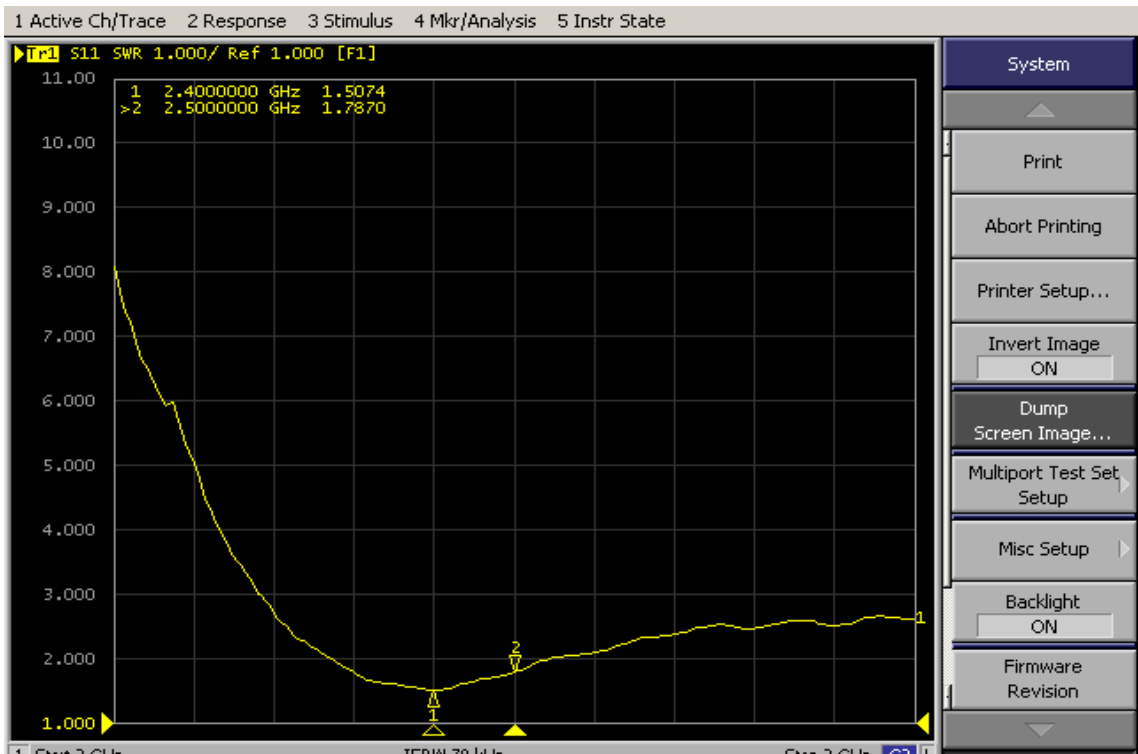
Operating Temperature 工作温度	-30℃~65℃
Storage Temperature 储存温度	-40℃~80℃

四：产品图纸 (Product drawings)

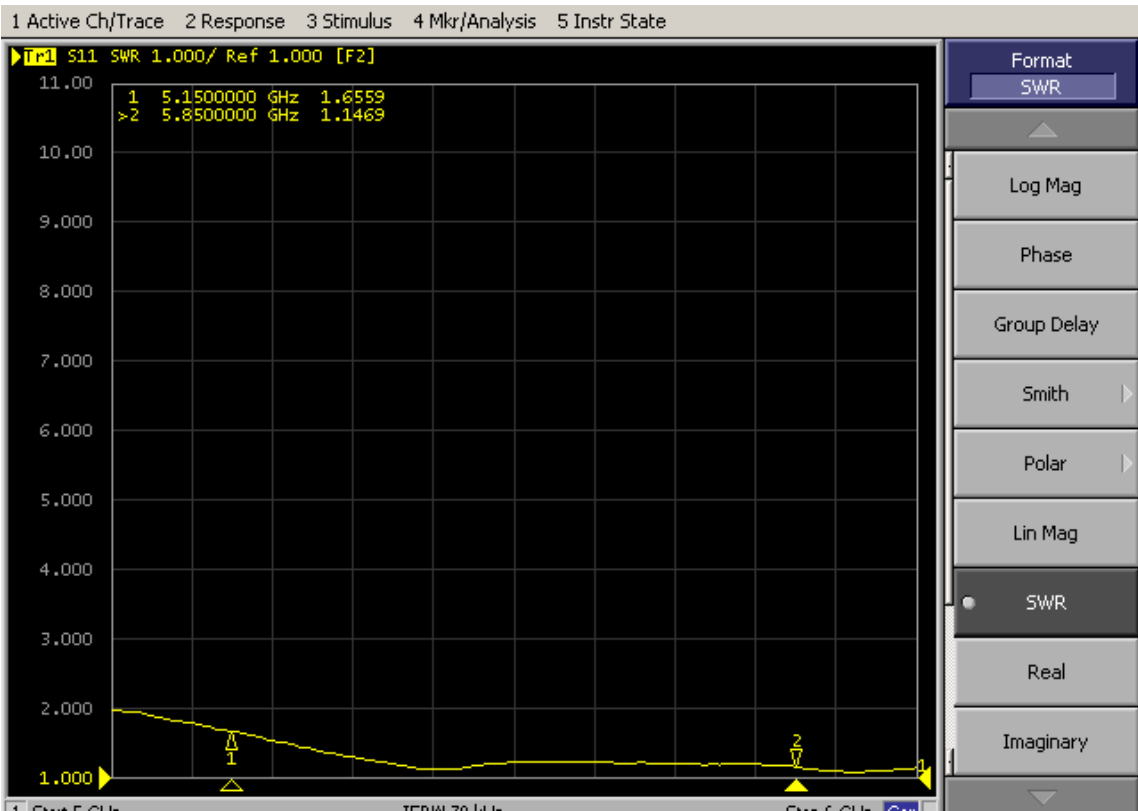


五：测试数据（The test data）

1.2.4G VSWR



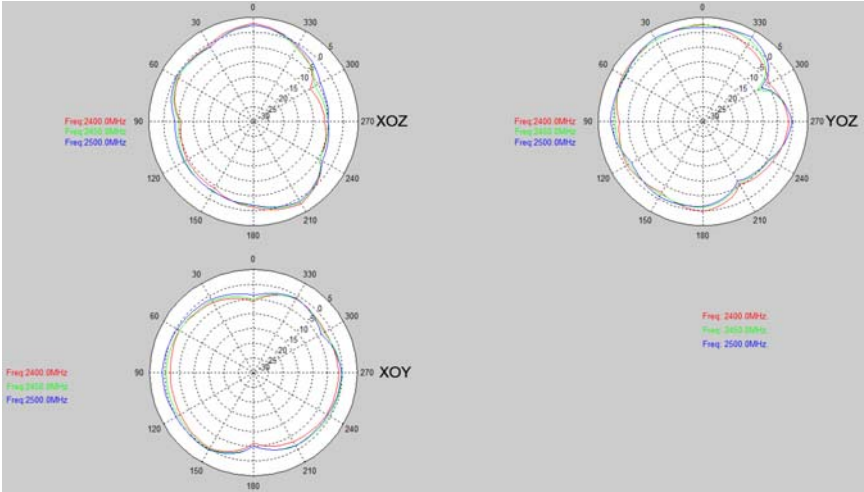
5.8G VSWR



2. 2.4G 效率&增益

2.4G-2			
Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
2400	-1.93	64.18%	2.98
2410	-2.16	60.87%	2.70
2420	-2.13	61.25%	2.64
2430	-2.12	61.36%	2.64
2440	-1.97	63.55%	2.94
2450	-2.07	62.07%	2.85
2460	-1.90	64.50%	2.87
2470	-1.82	65.71%	2.90
2480	-1.83	65.56%	2.89
2490	-1.71	67.50%	3.11
2500	-1.69	67.82%	2.78

2.4G 2D 场形图



3. 5.8G 效率&增益

5.8G-2			
Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
5150	-1.95	63.76%	2.82
5250	-1.87	65.09%	3.38
5350	-2.13	61.21%	2.63
5450	-1.96	63.75%	2.49
5550	-1.69	67.75%	3.28
5650	-1.68	67.85%	3.73
5750	-2.14	61.15%	2.53
5850	-2.00	63.11%	2.25

5.8G 2D 场形图

