



天线照片 (Picture) :

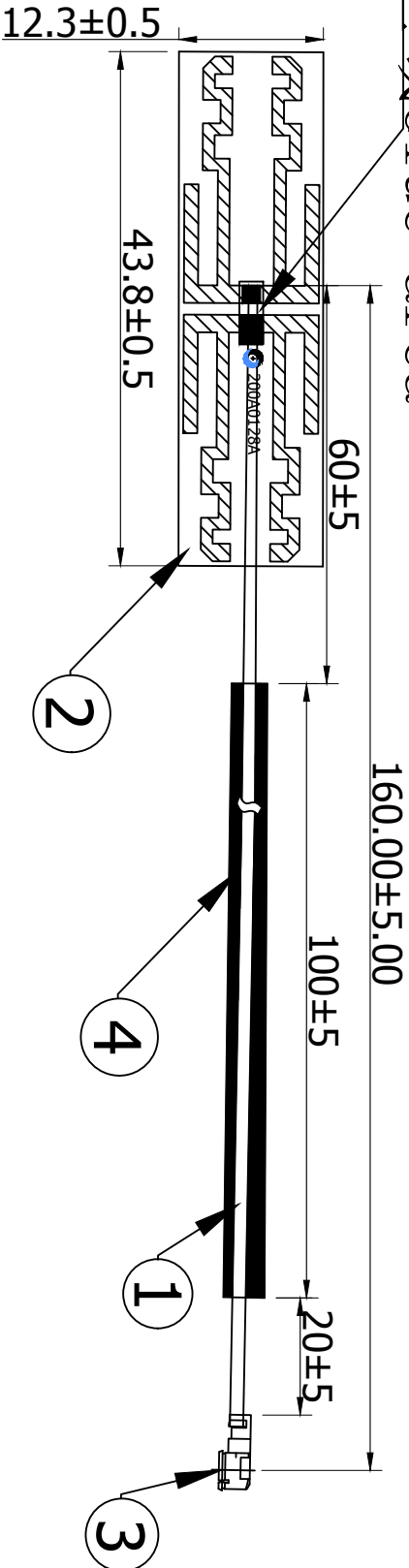


product picture

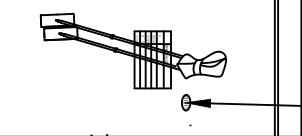
F		G	
REV	DATE	DESCRIPTION	
A	2023.09.20	NEW ISSUE	
B	2023.10.26	1.变更同轴线颜色和长度2.增加插点胶3.变更屏蔽桶长度	

1. Change the color and length of the coaxial cable.
2. Add feed glue 3. Change the length of the anti-shock foam

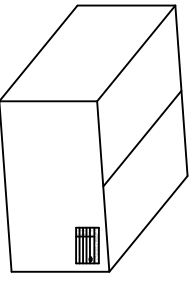
打胶区域Glue area



ROHS Label



Pack full: 200pcs/PE Bag



1. 纸箱需贴上1pcs/ROHS环保标签至成品标签上;
2. 纸箱须贴上1pcs外箱标签至纸箱右上角。

1. The carton needs to be affixed with the 1pcsROHS environmental label to the finished product label;
2. The carton must be affixed with a 1pcs outer box label to the upper right corner of the carton.

Specification:
Frequency Range :2.4~2.5GHz
Return loss: -9.2dB or less
VSWR: 1.92:1max
Gain(Peak): 3.0dBi

XXX. ±5.0	APPROVED
XX. ±3.0	
X. ±1.0	CHECKED
.X ±0.5	
.XX ±0.1	DRAWING

COSTUMER:				NO		
PART NO : A3148						
PARTNAME : BT-2.4G天线						
R.F P/NO :						
REV	UNIT	SCALE	SIZE	SHEET		
A	mm	1:1	A4	10F1		

4	Foam	100*14*2.0 EVA	1	
3	Connector	IPEX一代端子 IP6X (the dimension terminal)	1	
2	FPC	43.8*12.3*0.2mm OSPCalt Black oil	1	
1	Cable	RG-113 RF Cable 50Ω,Color:Gray	1	

DESCRIPTION

REMARK



东莞市启元电子科技有限公司
Dongguan Shi Qiyuan Electric Technology Co., Ltd.



测试设备(Test equipment)



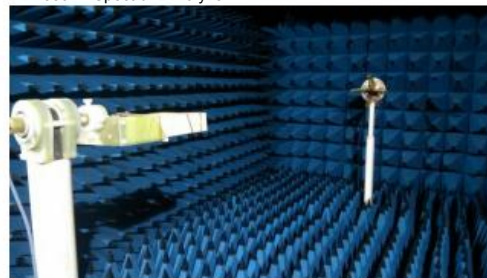
安捷伦 E5071C 网络分析仪
Agilent E5071C Network Analyzer



HP 8594E 频谱分析仪
HP 8594E Spectrum Analyzer



CMW-500

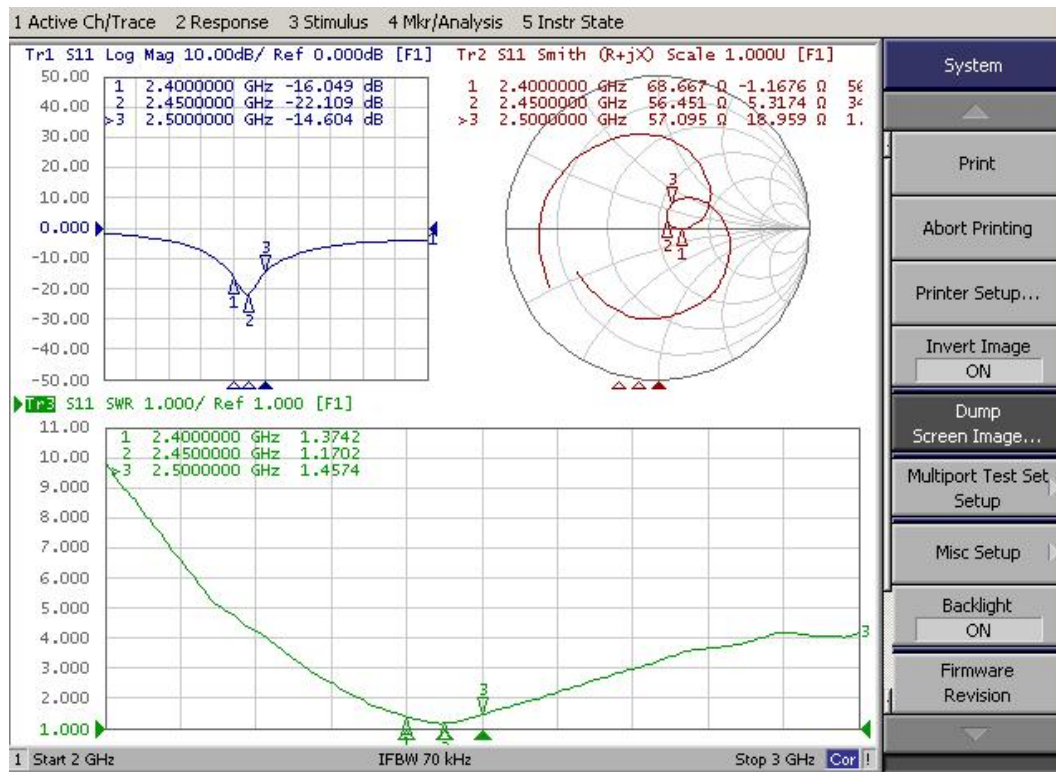


微波暗室
microwave anechoic chamber



测试参数(Measuring parameter)

V.S.W.R&Return Loss



增益&效率(Gain&Efficiency)

FEITUKEJI											
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	2.92	3.32	2.82	3.14	3.26	3.04	2.80	2.81	2.96	2.82	2.86
Efficiency (%)	50.38	51.46	51.70	55.03	54.61	53.72	54.67	56.92	54.44	51.69	51.40

2D、3D Radiation Patter

