

深圳旭航通讯科技有限公司

Shenzhen Xuhang Communication

规格承认书

客户 CUSTOMER	锐图
客户料号 CUSTOMER NO.	MET8237-DVD-V1.0
供方品名 PART NAME	蓝牙 BT 天线
规格名称 SUPPLIER NO.	

客户确认		
CUSTOMER APPROVED BY		
检验 APPROVAL	审核 CHIEF	批准 SUPERVISOR

设计 DESIGN	审核 CHECK	批准 APPROVAL
Luo	Robert	SHANG

Date: December 5, 2025

DIRECTORY

NO.	Contents	Page Number
1	Spec Cover	0
2	DIRECTORY	1
3	Test Reports	2
4	Matching Circuits	3
5	DRAWING	4-5
6	Antenna assembly position	6
7	Prototype image	7

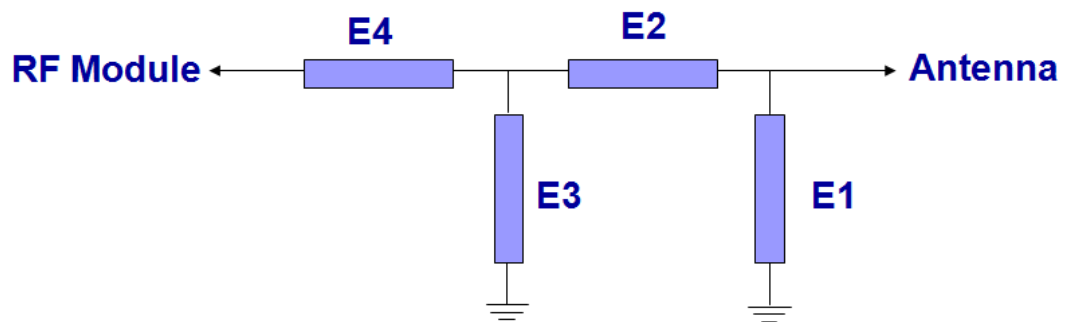
电性测试报告

TEST REPORTS

频率 Frequency	BT(2400MHz~2500MHz)
阻抗 Impedance	50 Ohm Nominal
驻波比 V.S.W.R	<2.0
回波损耗 Return Loss	-10dB Max
辐射 Radiation	Omni-directional
增益 Gain(Peak)	2.4G:1.48dBi
极化方式 Polarization	Linear,Vertical
功率 Admitted Power	1W
连接器 Connector	
Physical Properties	
天线材质 Antenna Material	
线材类型 Cable Type	
工作温度 Operating Temp.	-10-+60℃
存储温度 Storage Temp.	-10-+70℃
线材颜色 Cable Color	

匹配电路

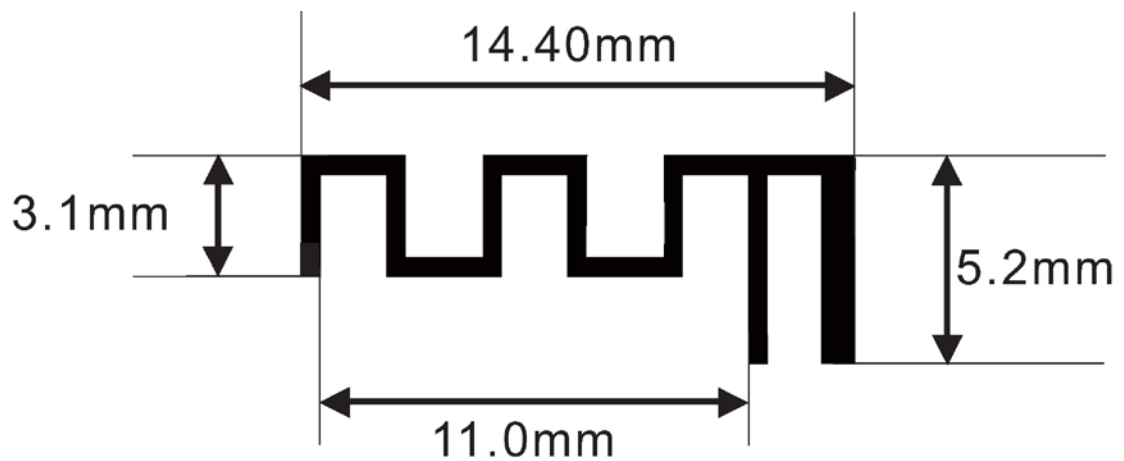
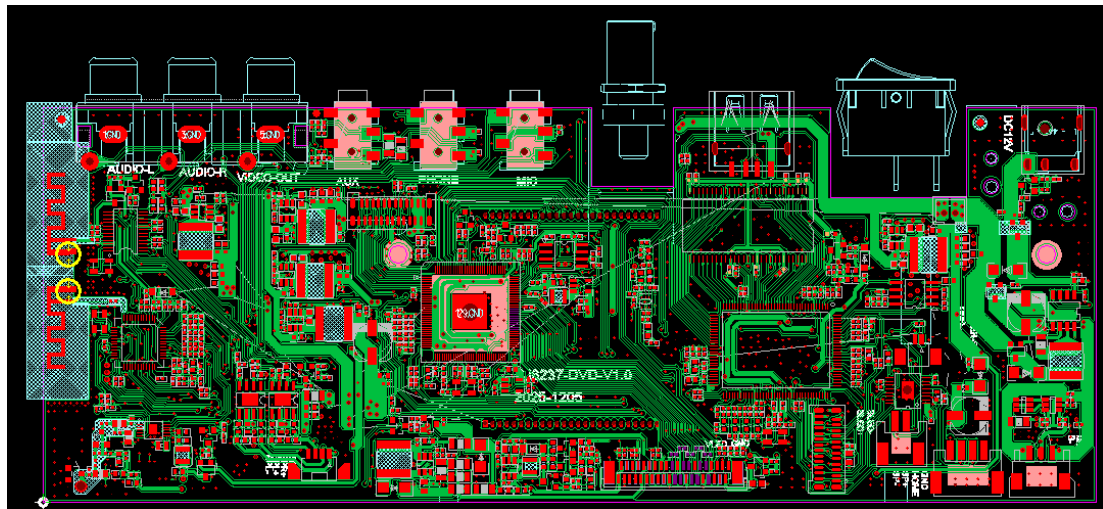
Matching Circuits



匹配电路

The original matching circuit has not been modified

EUT appearance



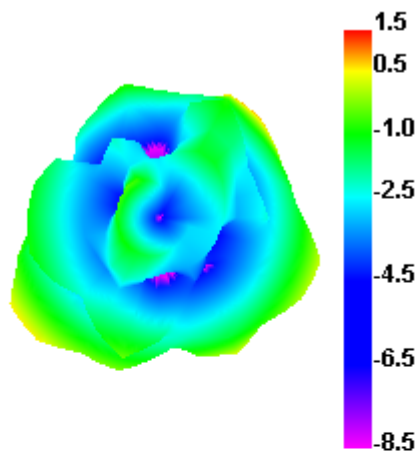
DRAWING

无源测试数据

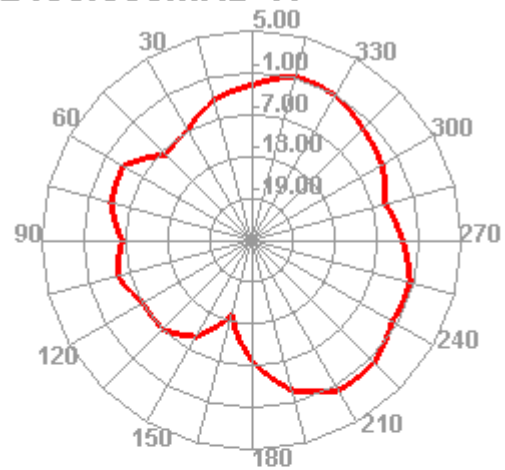
Freq (MHz)	Effi (%)	Gain (dBi)
2400	39.85	1.48
2410	32.98	0.61
2420	31.71	0.38
2430	25.47	-0.47
2440	25.66	-0.42
2450	27.41	-0.01
2460	27.1	0.1
2470	26.66	0.23
2480	19.24	-0.98
2490	20.88	-0.35
2500	17.33	-0.98

3D 方向图

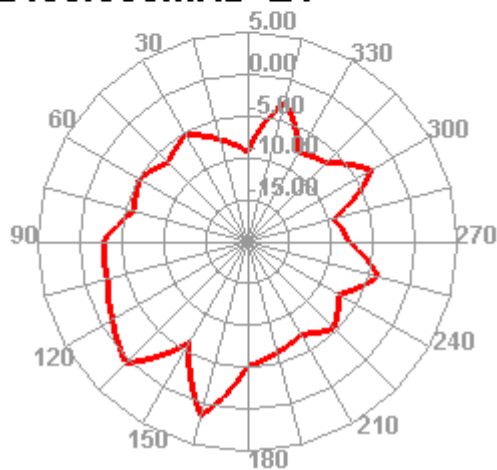
2400.000MHz



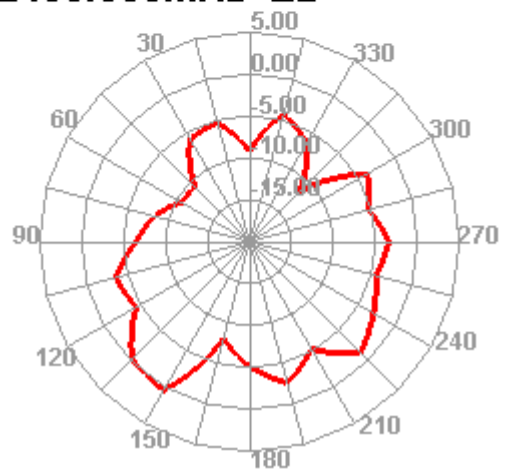
2400.000MHz H



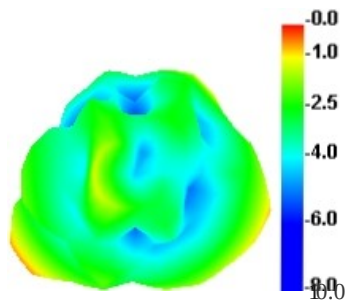
2400.000MHz E1



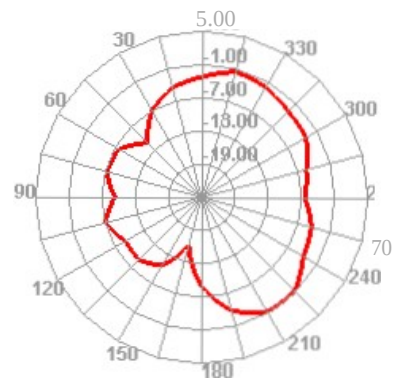
2400.000MHz E2



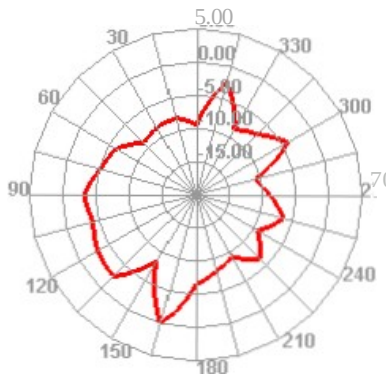
2450.000MHz



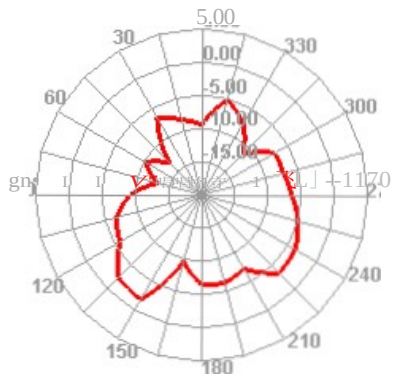
2450.000MHz H



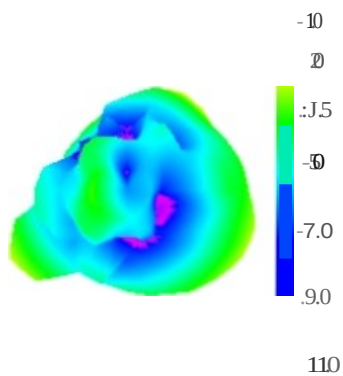
2450.000MHz E1



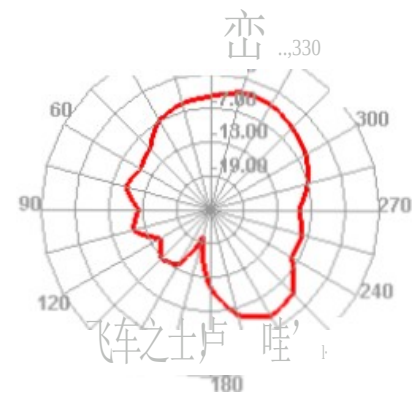
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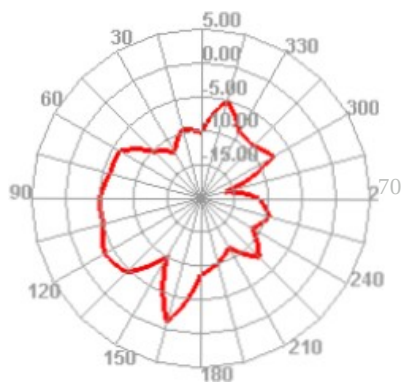
2500.000MHz



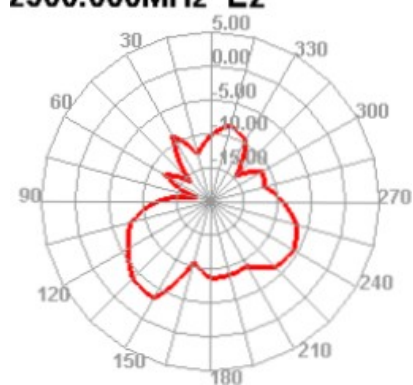
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



天线安装位置

Antenna assembly position



样机图片

Prototype image

