

东莞市创芯微电子科技有限公司

承认书

SPECIFICATION FOR APPROVAL

客户名称

CUSTOMER NAME: 卡能电子

产品名称

PRODUCT NAME: 2.4G 板载天线

客户料号

CUSTOMER P/N: K60-office

创芯微料号

CXW P/N: KN-K60-office-V1.1

	供应商	客户
制作 CHECKED BY:	张鸿达	
审核 APPROVED BY:	彭军法	
日期 DATE:	2022/12/13	

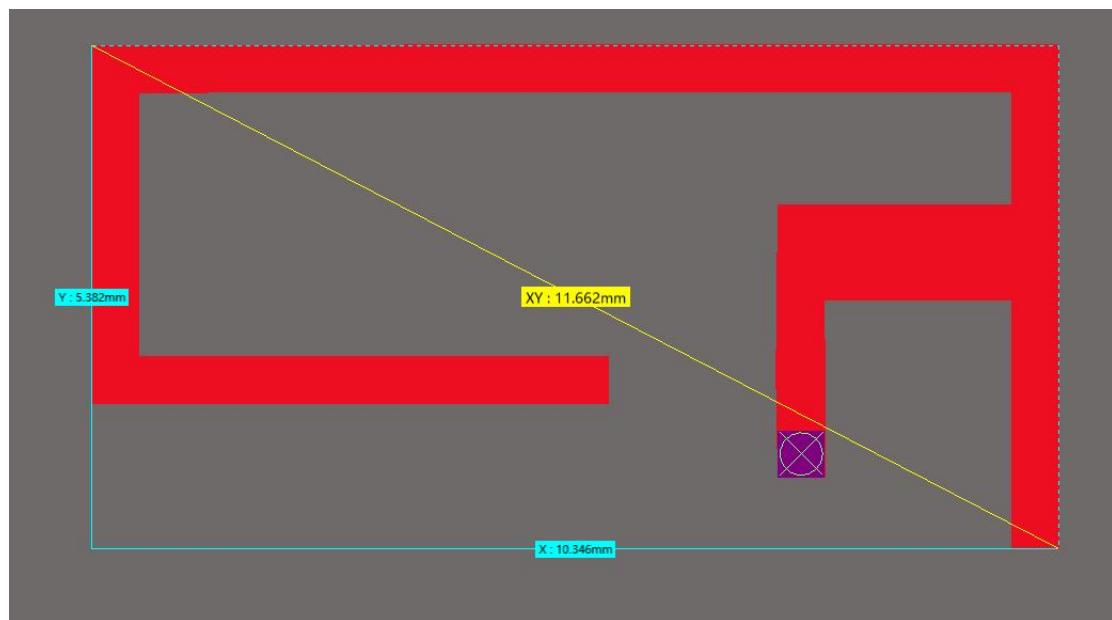
1. 规格表 Spec Sheet:

产品主要技术参数

Main technical specifications

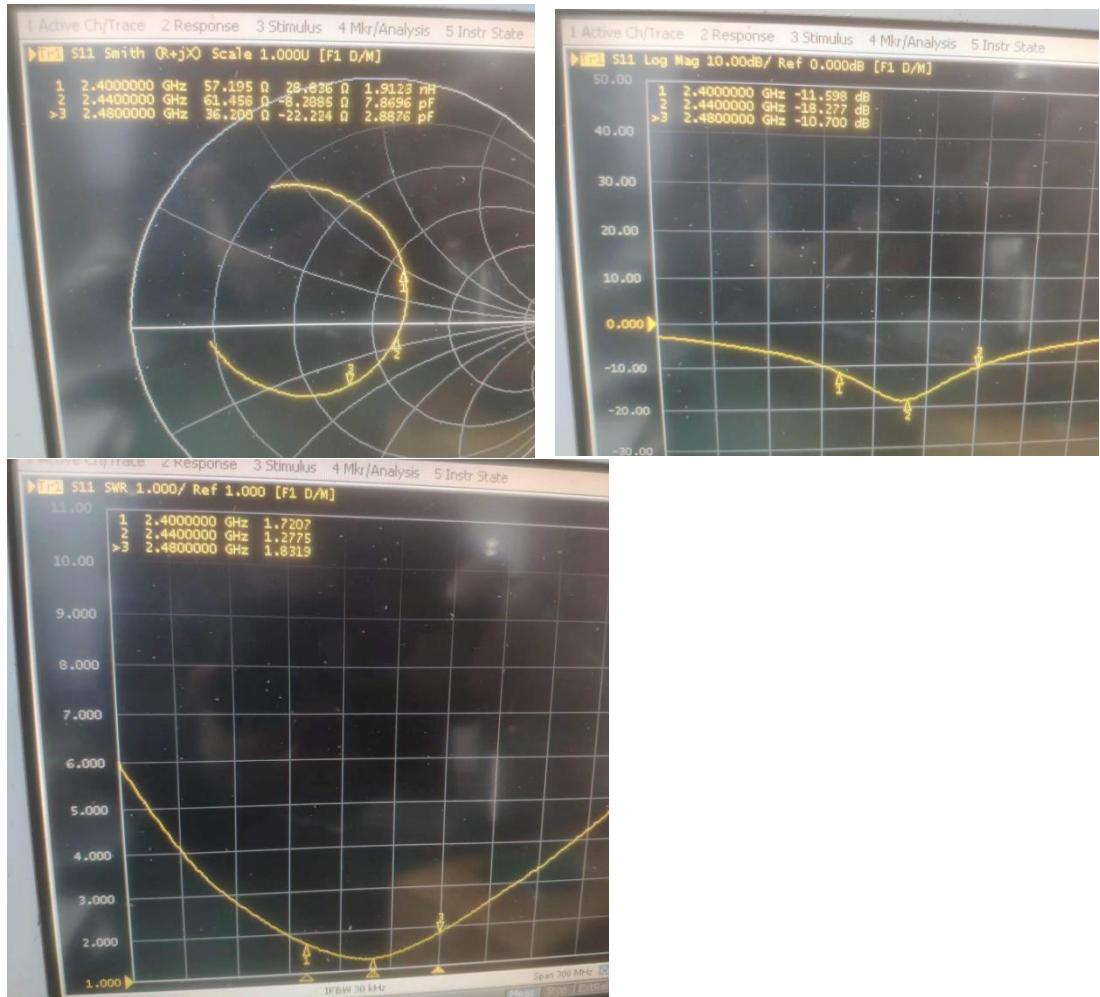
频率范围 (Mhz) Frequency Range	2400-2500
特性阻抗 (Ω) Impedance	50
增益 (dBi) Gain	0.54
输出电压驻波比 VSWR	≤2.6
极化方式 Polarization	线极化 Linear

2. 尺寸图 Size Chart: (尺寸: 5.382mm*10.346mm)



3. 测试报告 Test Report: (仅为样机测试报告)

3.1: 网络分析仪测试报告 Network Analyzer Test Report:



3.2: 暗室 2D、3D 整机数据 Radiation Pattern:

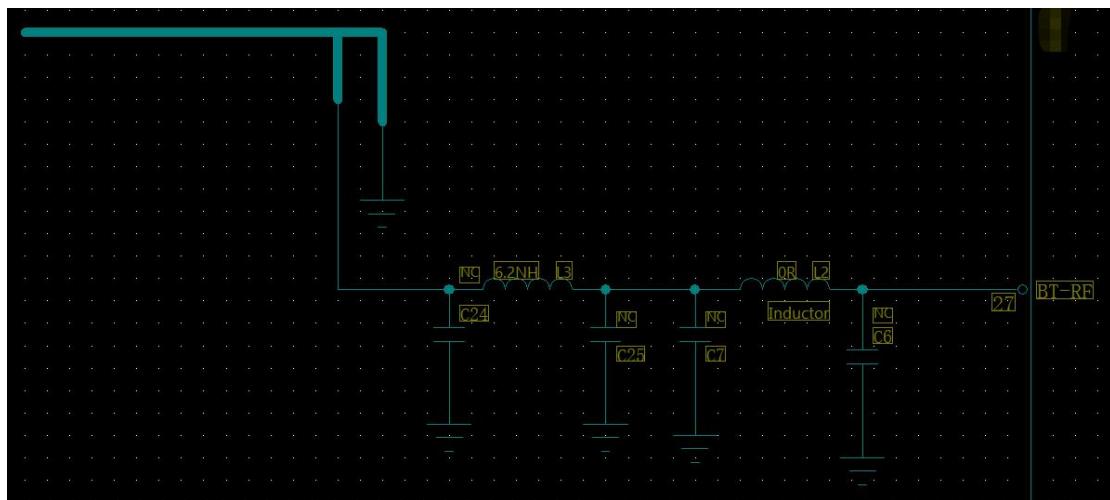
3.2.1 效率及增益 Efficiency and Gain:

Frequency (MHz)	2400	2450	2500
Avg. Gain (dBi)	-1.29	-0.01	0.54
Efficiency (%)	39.72	46.4	53.26

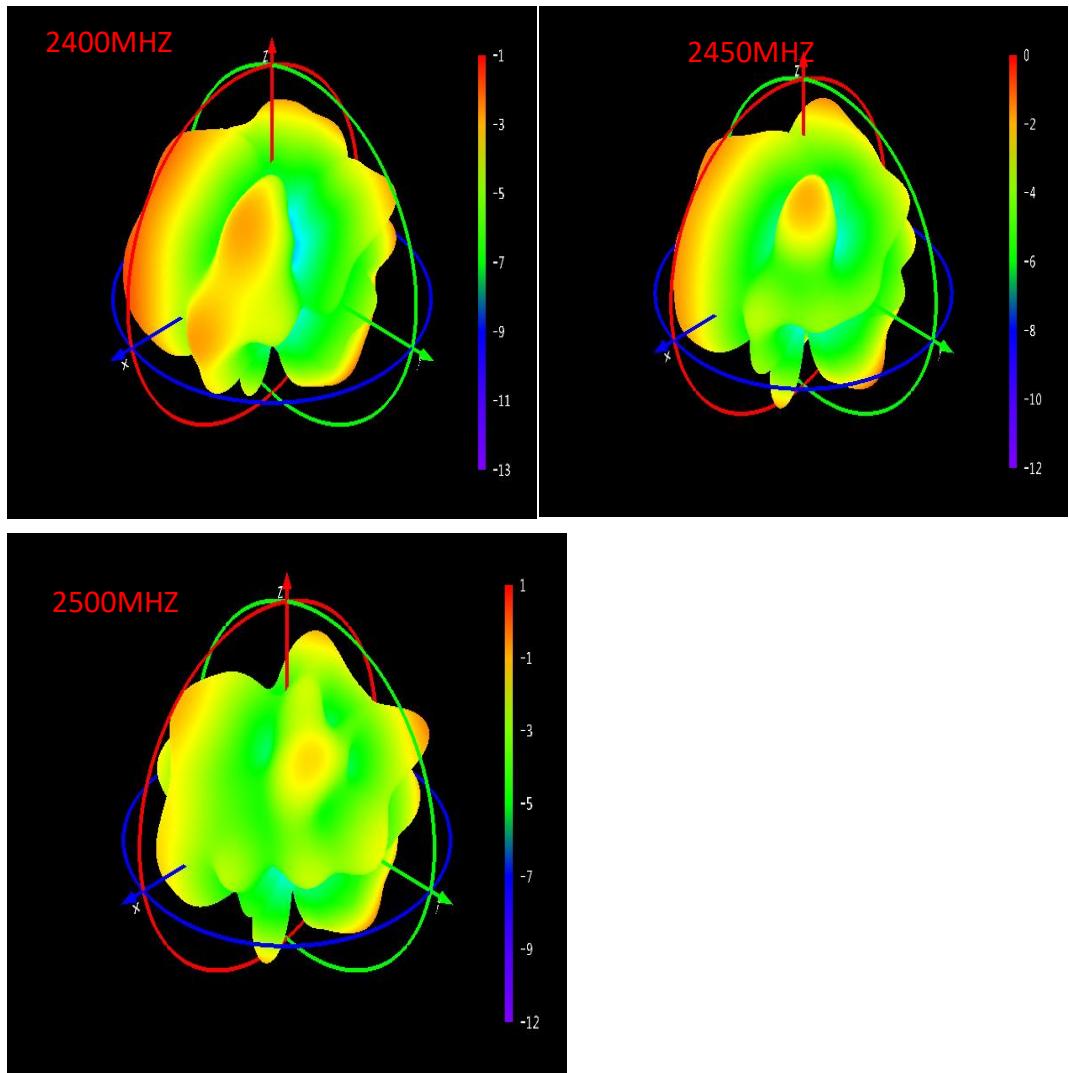
3.2.2 有源测试报告 Active Test Report:

耳机				
	头模		自由	
channel	TRP	TIS	TRP	TIS
0	4.24	-87.19	5.02	-87.94
39	6.32	-90.89	7.02	-92
78	6.88	-90.76	7.65	-91.45

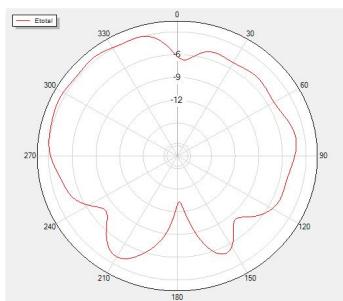
3.2.3 匹配电路 Matching Circuit:



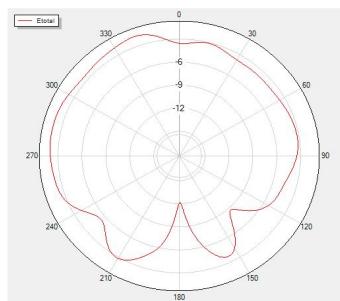
3.2.4 2D/3D 场型图 Field Type Diagram:



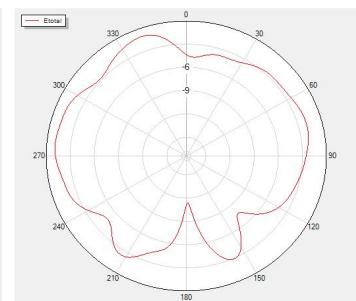
Phi=0 Freq=2400MHz



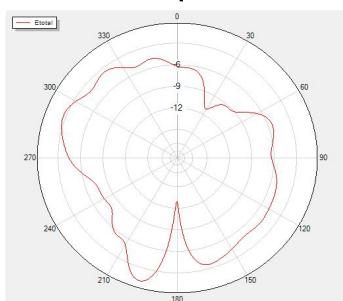
Phi=0 Freq=2450MHz



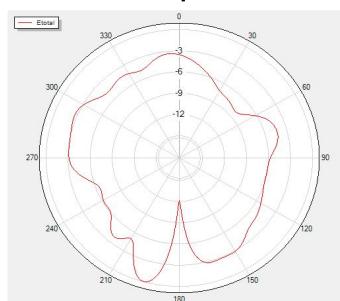
Phi=0 Freq=2500MHz



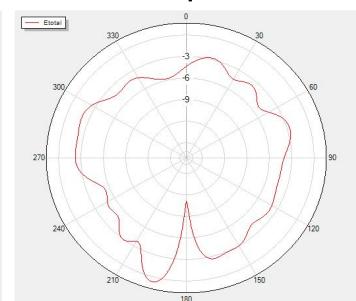
Phi=90 Freq=2400MHz



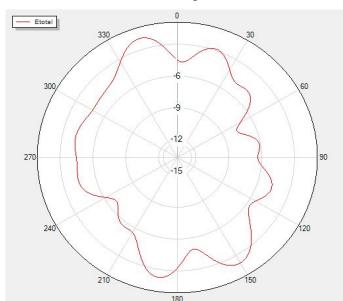
Phi=90 Freq=2450MHz



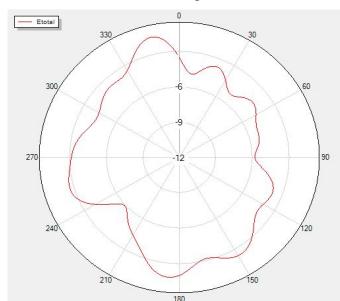
Phi=90 Freq=2500MHz



Theta=90 Freq=2400MHz



Theta=90 Freq=2450MHz



Theta=90 Freq=2500MHz

