

深圳市博陆科电子科技有限公司

样品规格书

Antenna Part Specification

客户名称: Customer name:	联网光电 Liangang Optoelectronic Technology Co.,Ltd.
项目名称: Project name:	Bluetooth Button
天线类型: Material category:	板载天线 PCB Antenna
版本: Version:	V1.0
日期: Date:	2023.03.28

目录

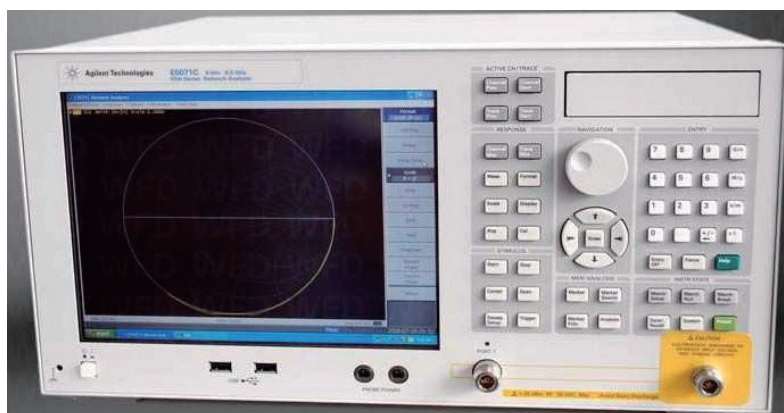
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变更记录栏 Change record			
编制/变更日期 Compile / change date	变更理由 Reason for change	变更内容 Changed content	版本 Version

一：无源测试报告

I: The report of passive data



Angilent E5071C

天线无源效率与增益

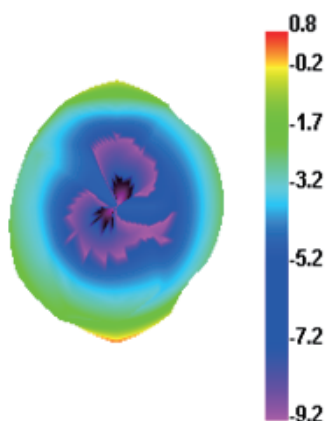
Passive efficiency and gain of antenna

Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency
2400	0.76	-5.5	28.16
2410	0.74	-5.52	28.06
2420	0.29	-5.97	25.28
2430	1.47	-5.53	27.99
2440	0.31	-6.02	24.98
2450	0.52	-5.76	26.55
2460	0.32	-6.04	24.89
2470	-0.96	-7.23	18.92
2480	-0.42	-6.73	21.22

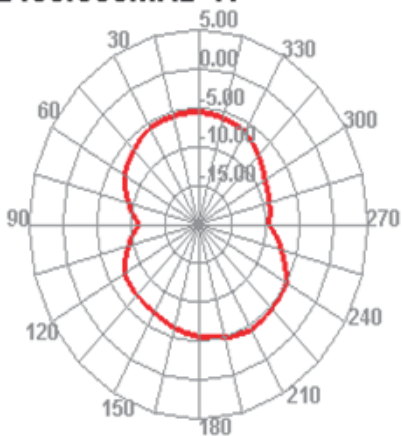
天线无源方向图

Antenna radiation pattern

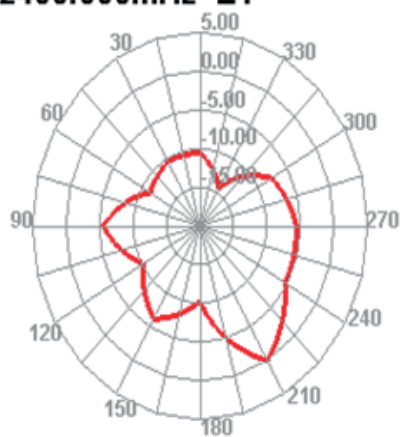
2400.000MHz



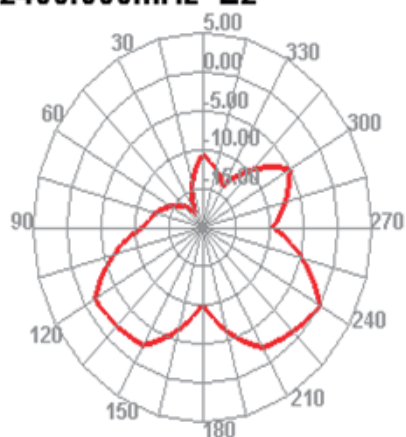
2400.000MHz H



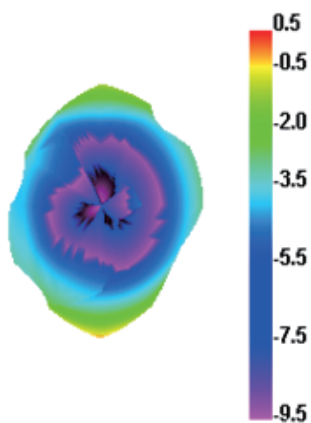
2400.000MHz E1



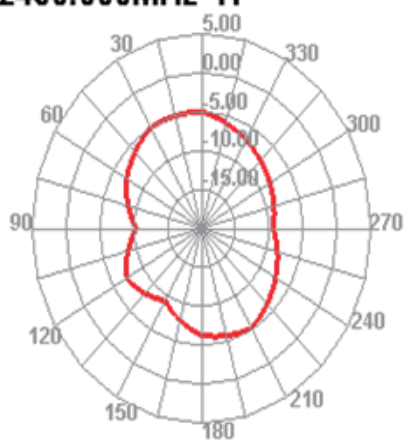
2400.000MHz E2



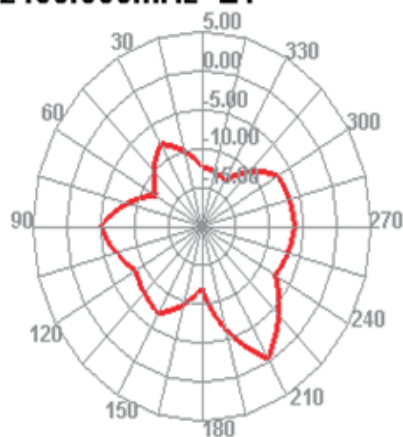
2450.000MHz



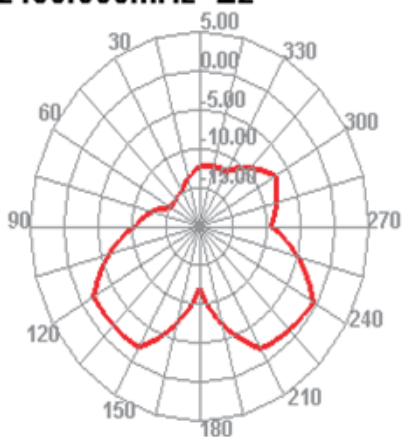
2450.000MHz H



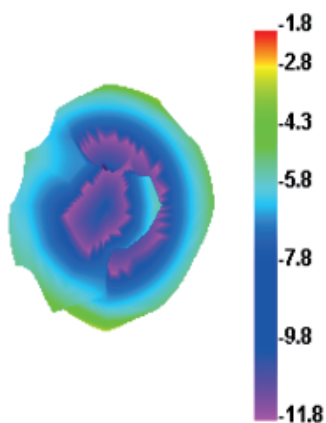
2450.000MHz E1



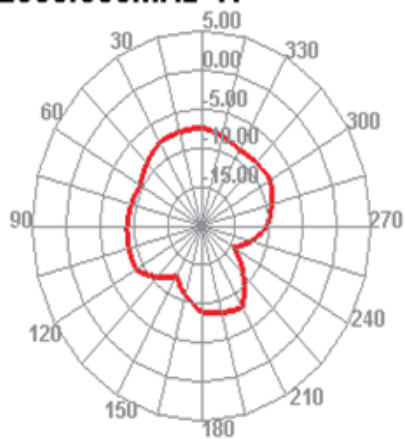
2450.000MHz E2



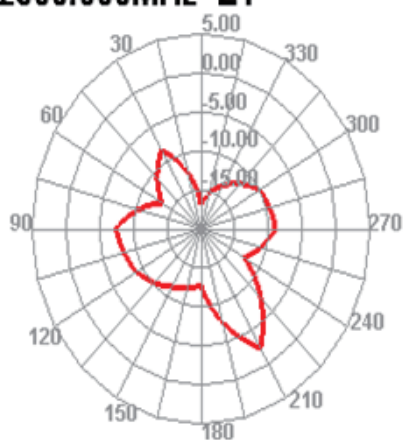
2500.000MHz



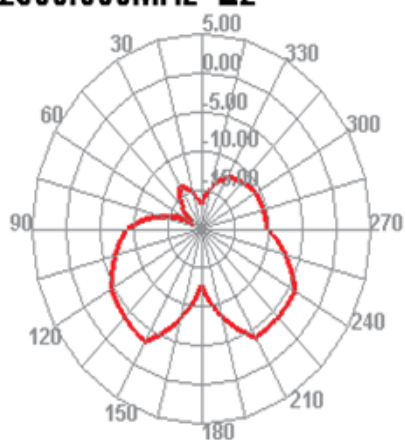
2500.000MHz H



2500.000MHz E1



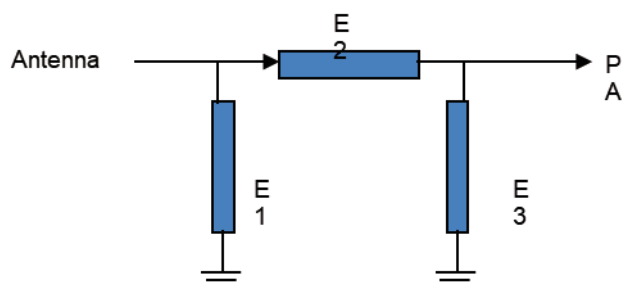
2500.000MHz E2



二：匹配电路

Matching circuit

Element	Value
C12(0201)	N/A
R9(0201)	0 ohm
C13(0201)	N/A



三：天线图档

Antenna File

天线尺寸：9mm*5mm

Antenna Size: 9mm*5mm

