



深圳市联笙科技有限公司

Shen Zhen LianSheng Technology Co., Ltd.

规格承认书

SPECIFICATION FOR APPROVAL

日期 Date 2024/08/28

编号 File No SA001000

版本 Revision 1.0

客户 睿鼎
CUSTOMER:

客户料号 RD
CUSTOMER NO:

品名 BT Antenna

供方料号 LSF.A1339.0000.00

送样日期 Date: 送样数量 Q"TY: PCS

客户确认 CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR
供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
ChenGuoqiang	XieLi	LiaoGuangxi

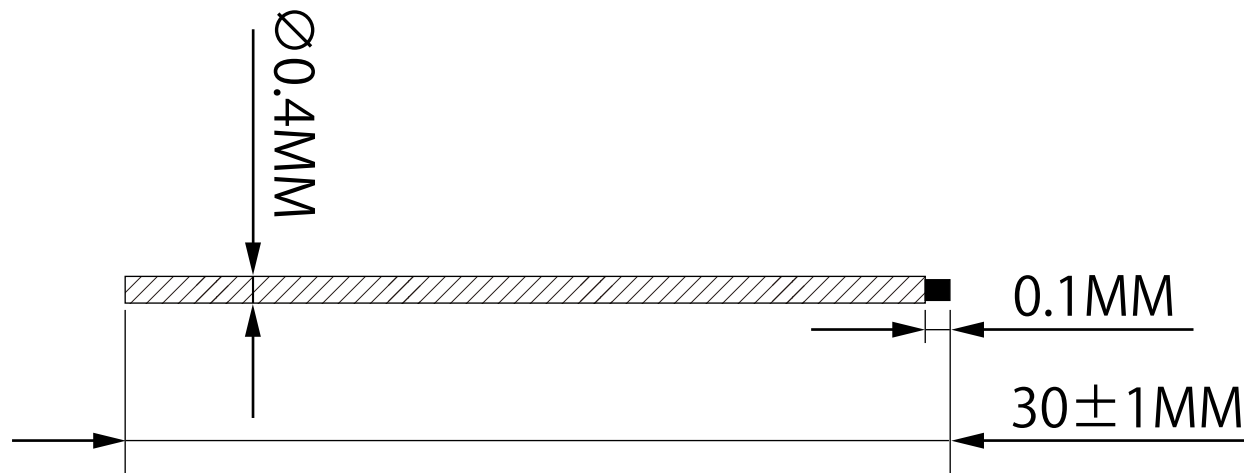
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13	-	-	-

RoHS

Compatible

REV.	DESCRIPTION	DATE
△A	首次发行	2024-08-15
△B	修改外形及线路	2024-08-21



- 线材区
- 焊点区

备注:

- 1.材质: 铁氟龙, 单芯导线。
- 2.颜色/表面处理: 红色, 尾部出线0.1MM, 焊点加锡。
- 3.线材直径0.4MM。
- 4.线材长度 30 ± 1 MM。
- 5.包装方式: 捆扎塑封包装。



深圳市联笙科技有限公司

Tel:0755-82885545

ShenZhen LianSheng Technology Co.,Ltd.

MP:13823198410

PART NAME: BT Antenna				
PART NO.: LSF.A1339.0000.00			DATE: 2024-08-21	
APPROVED BY	CHECKED BY	DESIGNED BY		Tolerance
Shane	周棋	廖光喜		X.X ±0.50
				X.XX±0.15
			UNITS: mm	X° ±3°
			SCALE: 1/1	
			REVISION: B	

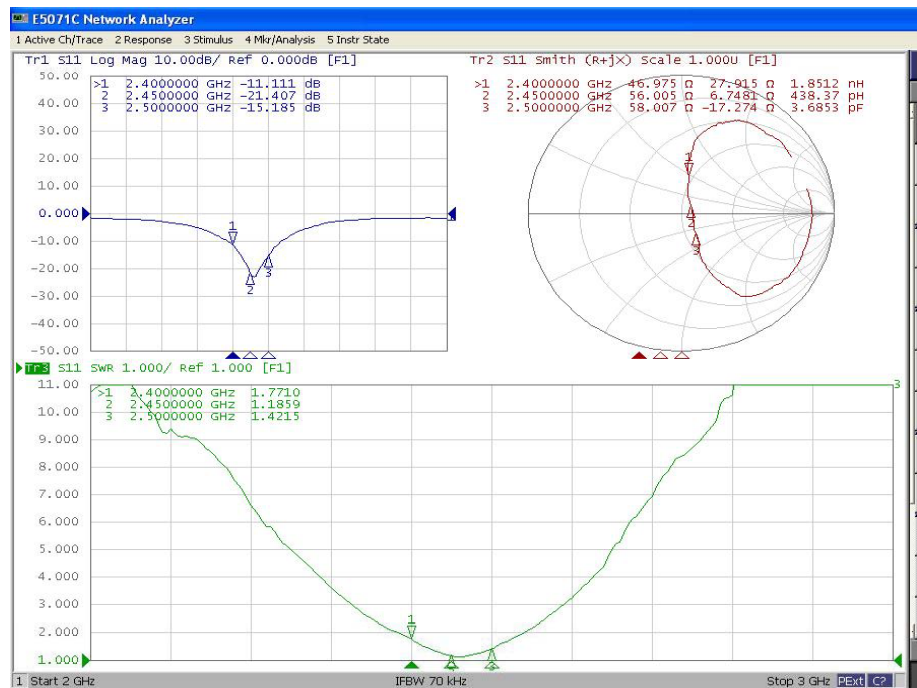
天线规格

Antenna Specification

Electrical Properties	
Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	-7.0 dBi
Radiation	Omni-directional
Polarization	Linear
Physical Properties	
Connector	None
Cable Type	None
Cable Length	None
Cable Color	None
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%

Antenna Performance Test

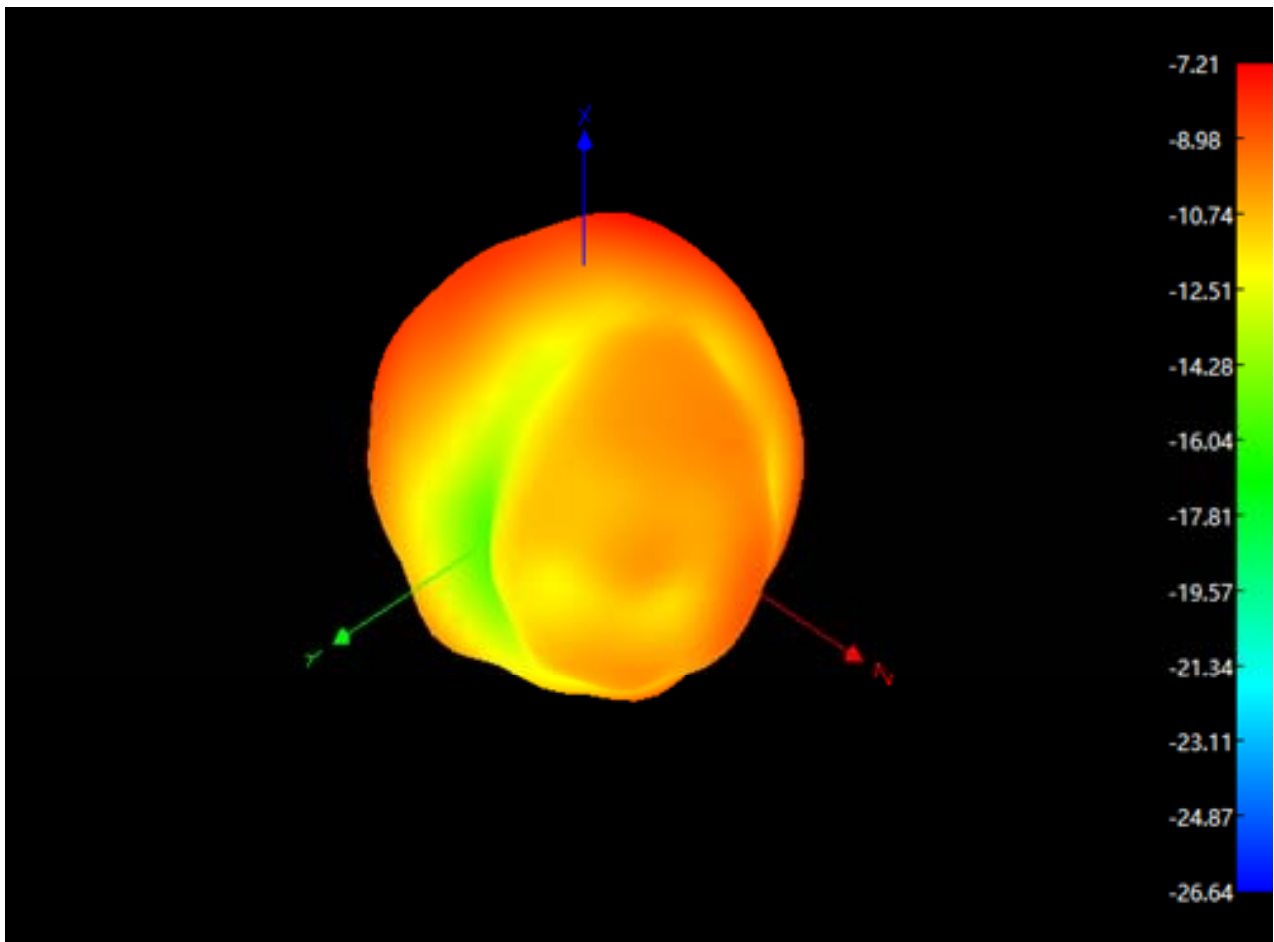
**Agilent
E5071B
S11
Parameter
Test //
BT
Antenna**



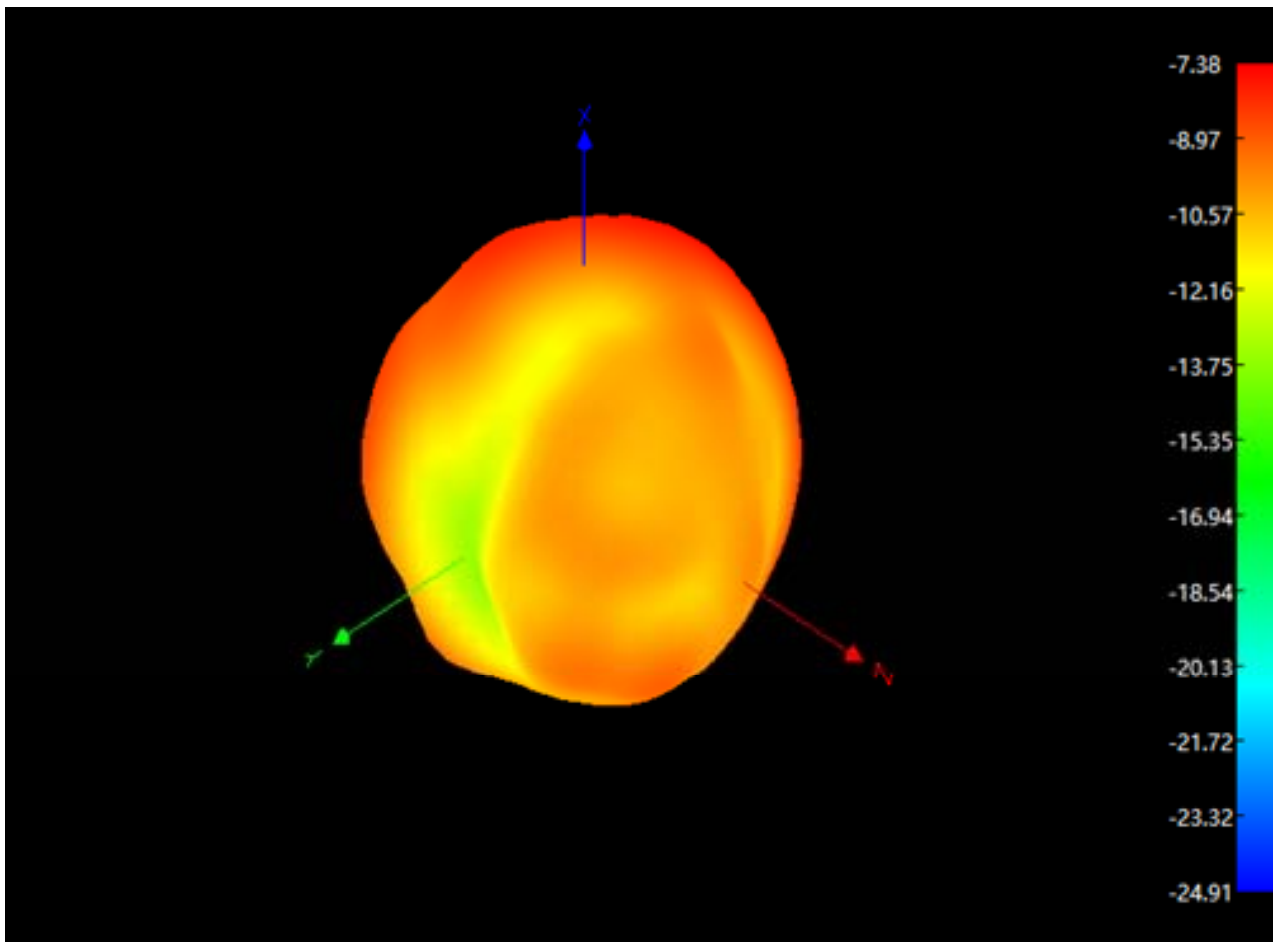
Passive Test For BT Antenna

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	6.3	-12.0	-7.2
2410	6.3	-12.0	-7.5
2420	6.1	-12.2	-7.9
2430	6.3	-12.0	-7.7
2440	6.6	-11.8	-7.6
2450	6.9	-11.6	-7.4
2460	6.7	-11.7	-7.4
2470	7.2	-11.5	-7.0
2480	7.2	-11.4	-7.3
2490	7.4	-11.3	-7.1
2500	6.8	-11.7	-7.6

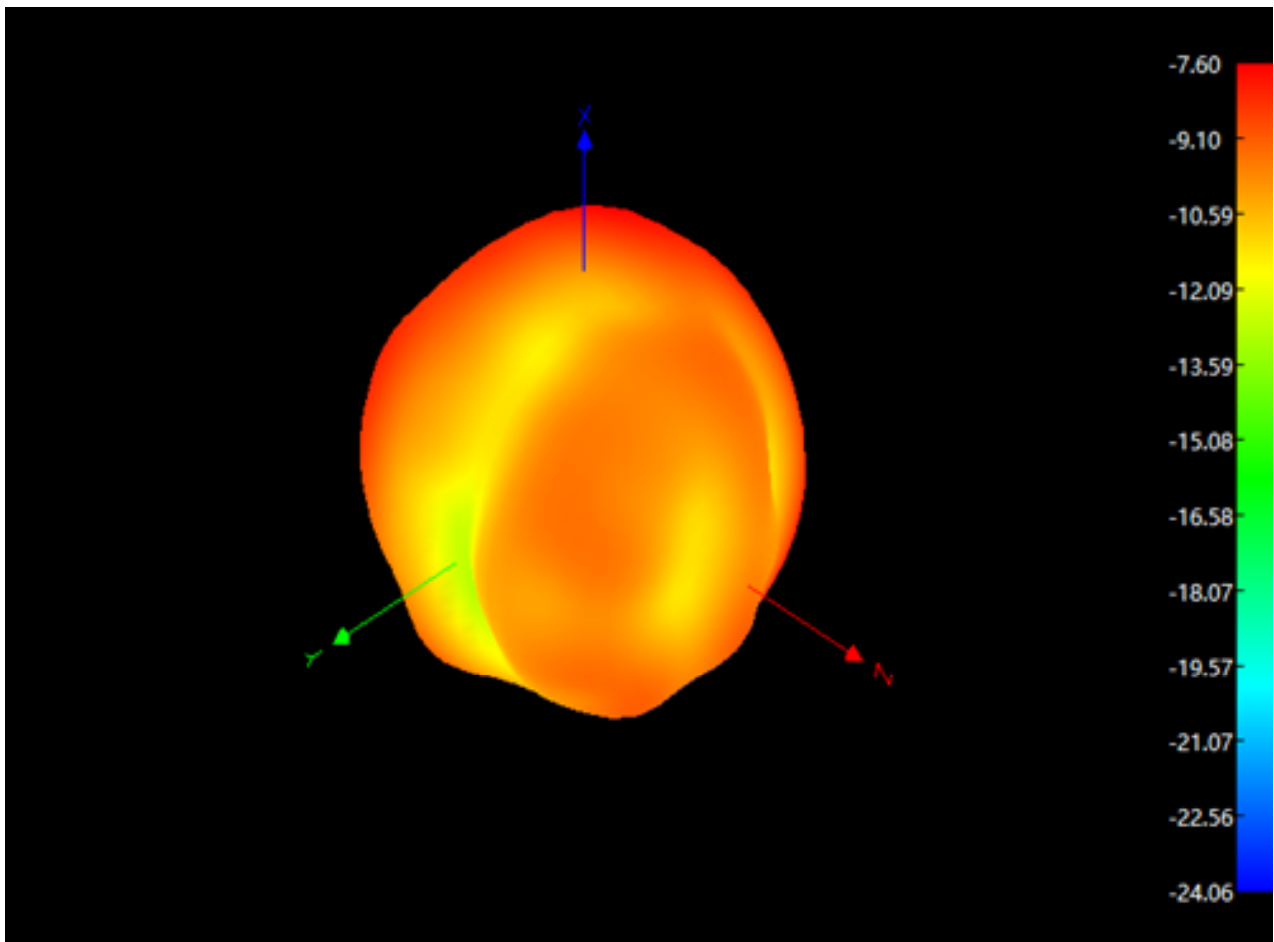
Radiation Pattern For BT Antenna (2400MHz)



Radiation Pattern For BT Antenna (2450MHz)

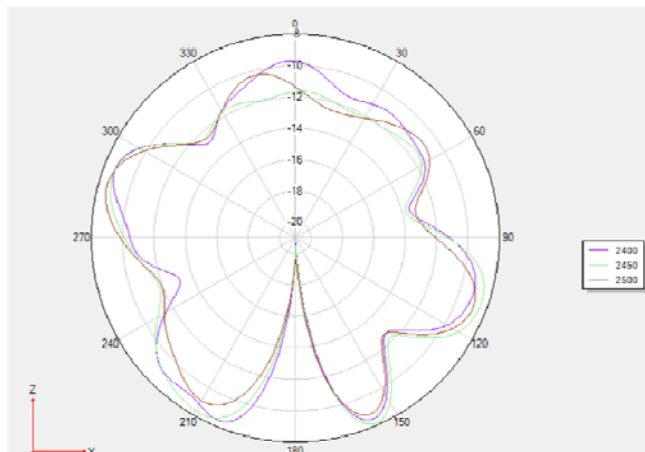


Radiation Pattern For BT Antenna (2500MHz)

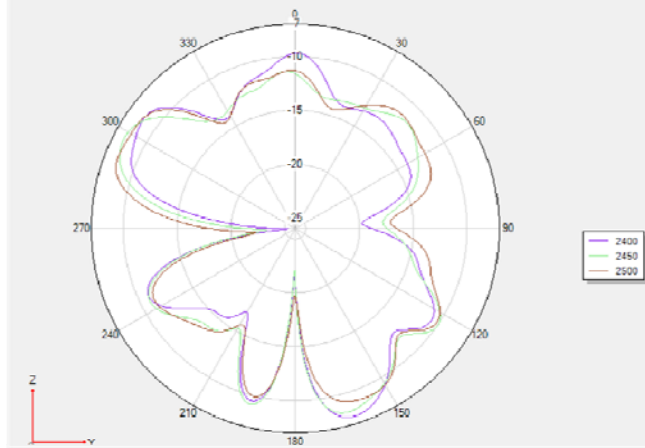


Radiation Pattern For BT Antenna

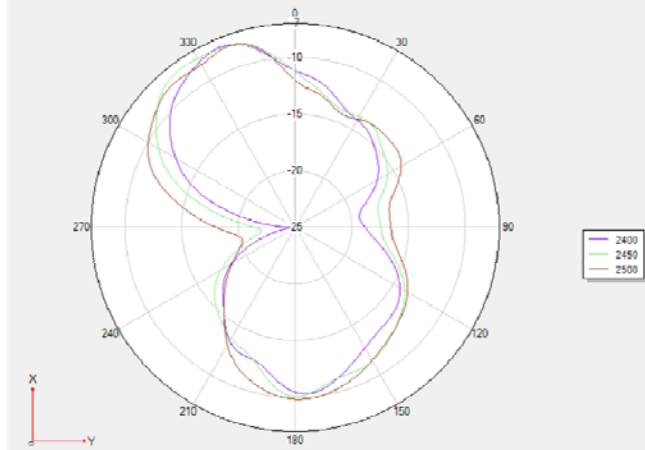
Phi 0°



Phi 90°



Theta 90°



Device



*BT
Antenna*

