



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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Tel:0755-82885545 MP:13823198410

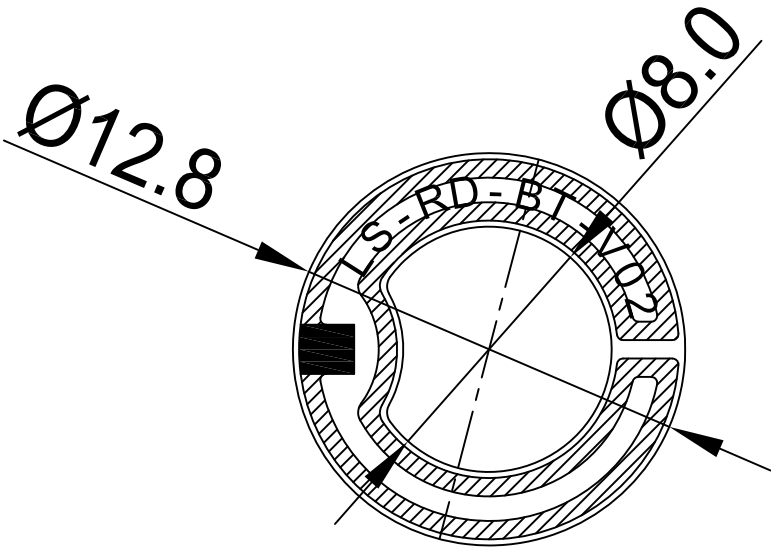
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11	-	-	-
12	-	-	-
13	-	-	-

RoHS

Compatible

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



- 布線區
- 焊点區



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

天线规格

Antenna Specification

Electrical Properties

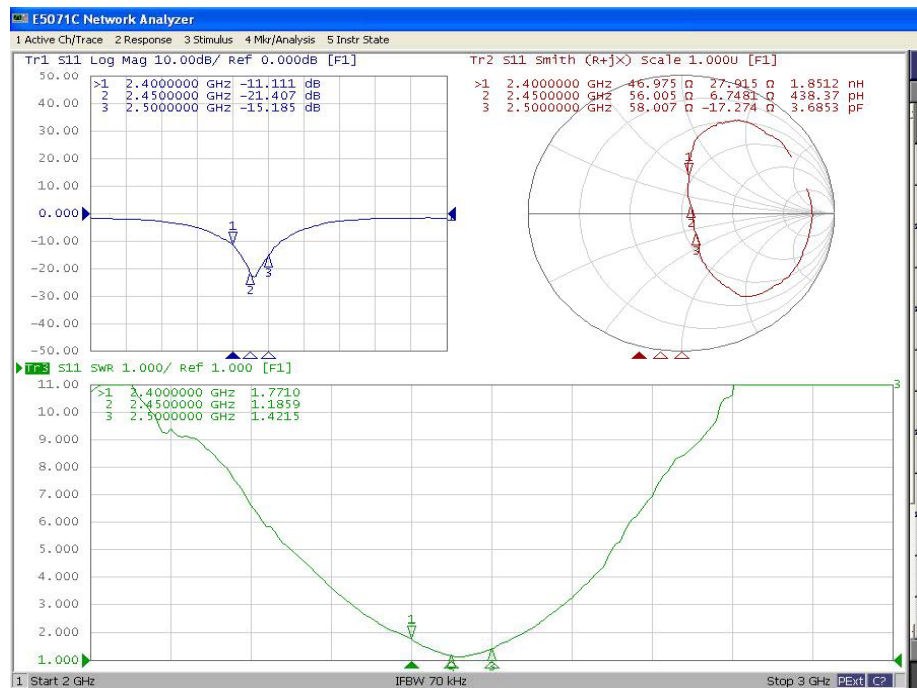
Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	-7.0 dBi
Radiation	Omni-directional
Polarization	Linear

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%

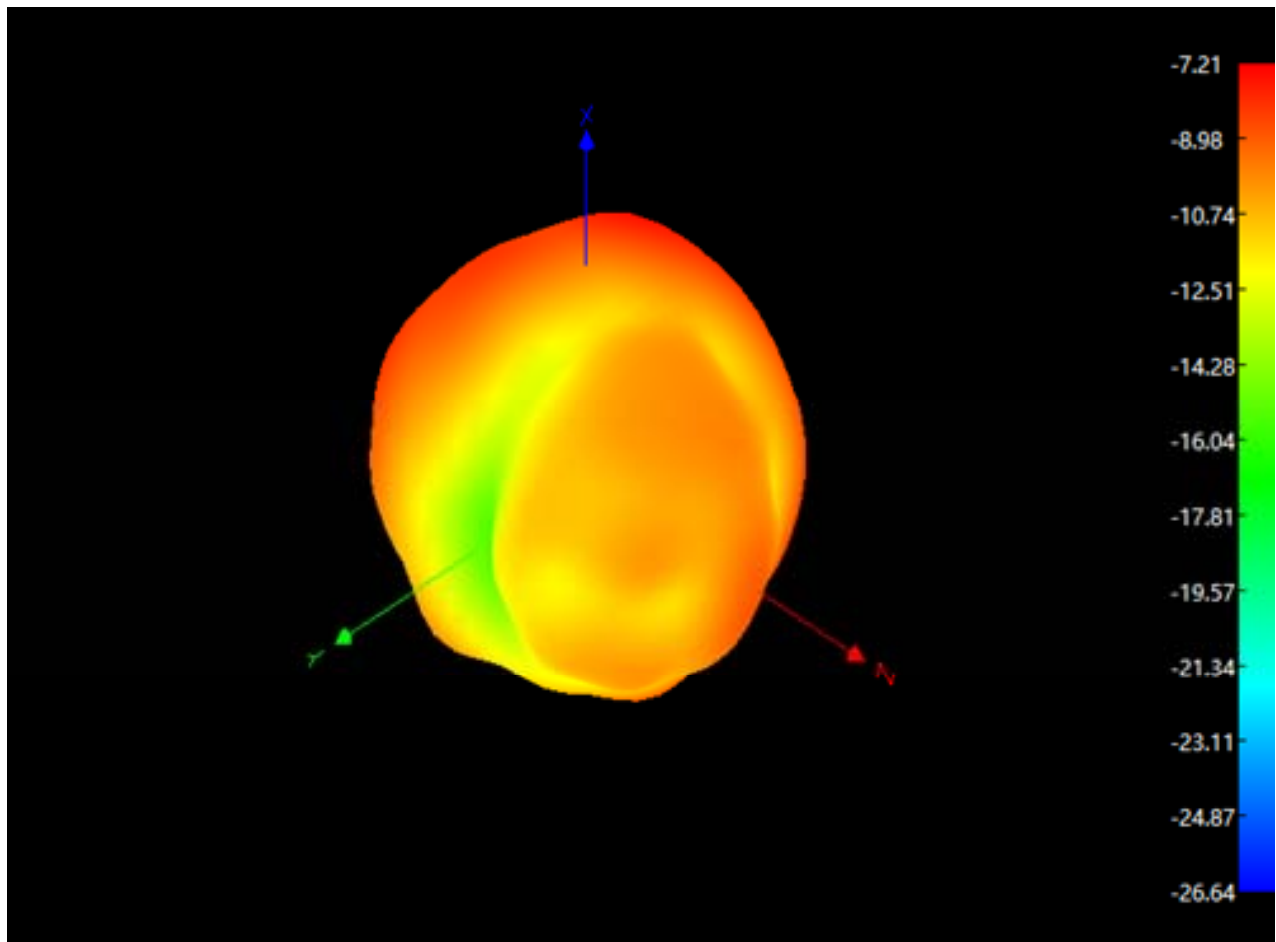
Antenna Performance Test

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

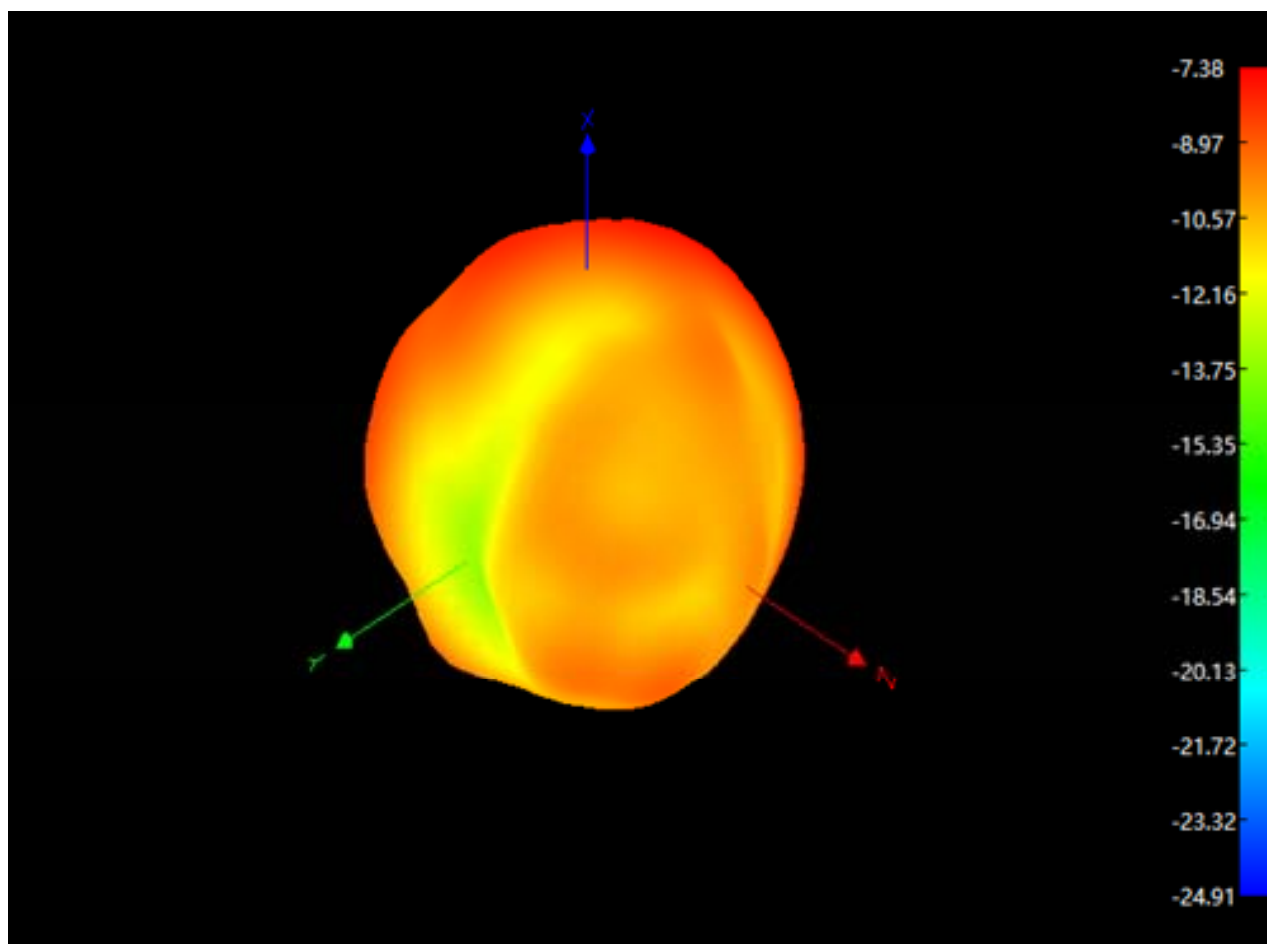


Passive Test For BT Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	6.3	-12.0	-7.2
2410	6.3	-12.0	-7.5
2420	6.1	-12.2	-7.9
2430	6.3	-12.0	-7.7
2440	6.6	-11.8	-7.6
2450	6.9	-11.6	-7.4
2460	6.7	-11.7	-7.4
2470	7.2	-11.5	-7.0
2480	7.2	-11.4	-7.3
2490	7.4	-11.3	-7.1
2500	6.8	-11.7	-7.6

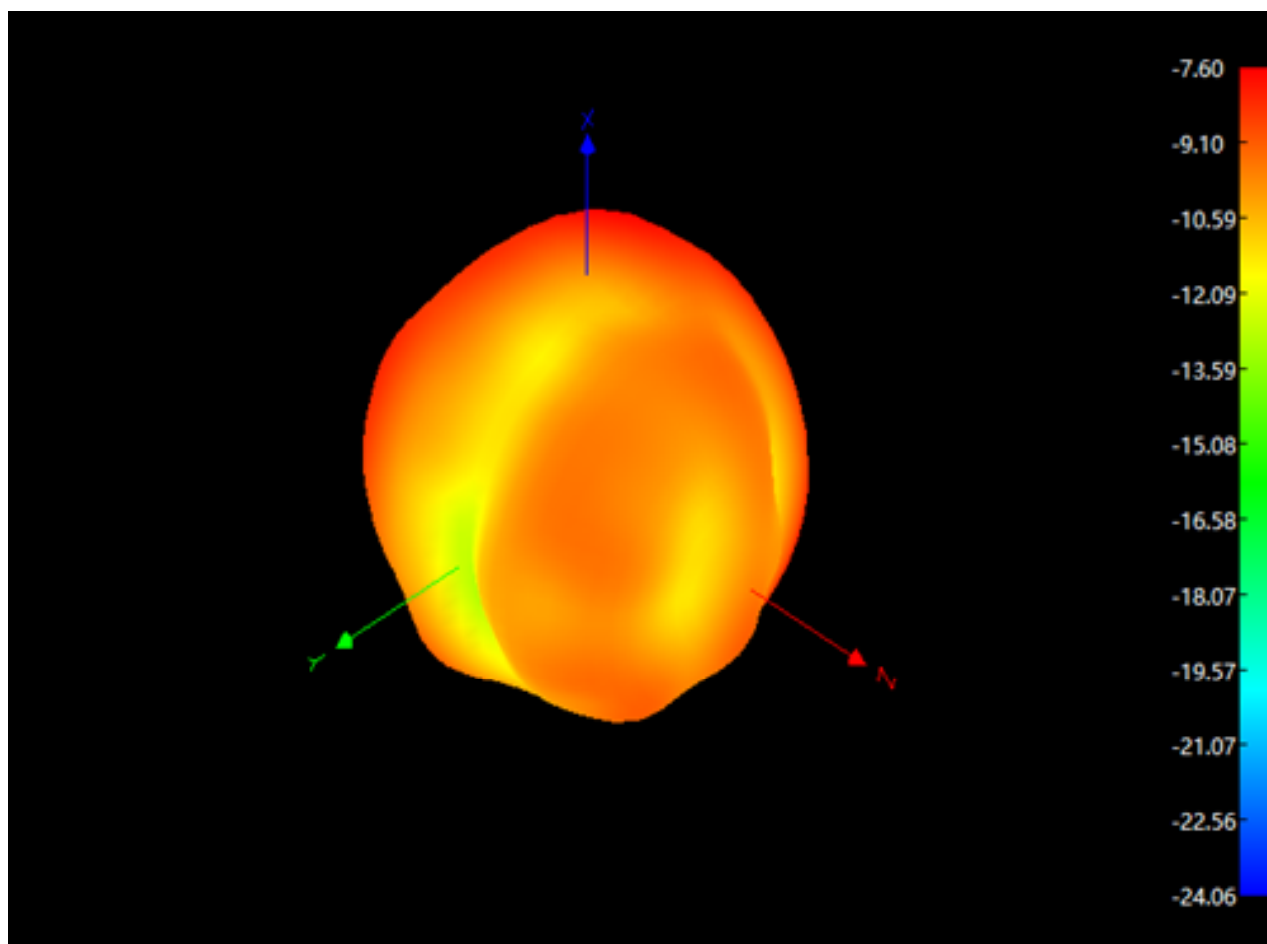
Radiation Pattern For BT Antenna (2400MHz)



Radiation Pattern For BT Antenna (2450MHz)

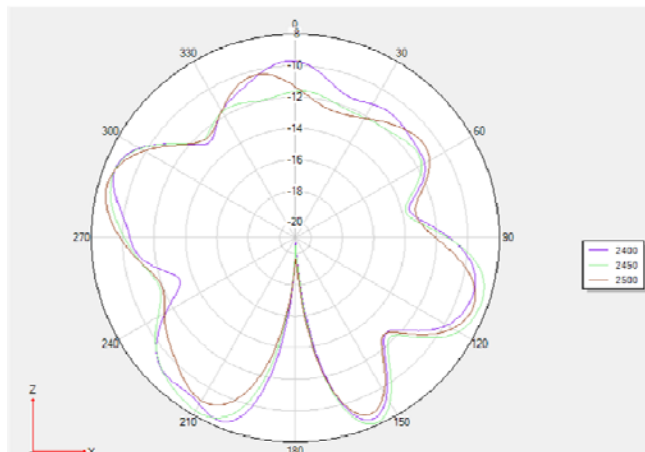


Radiation Pattern For BT Antenna (2500MHz)

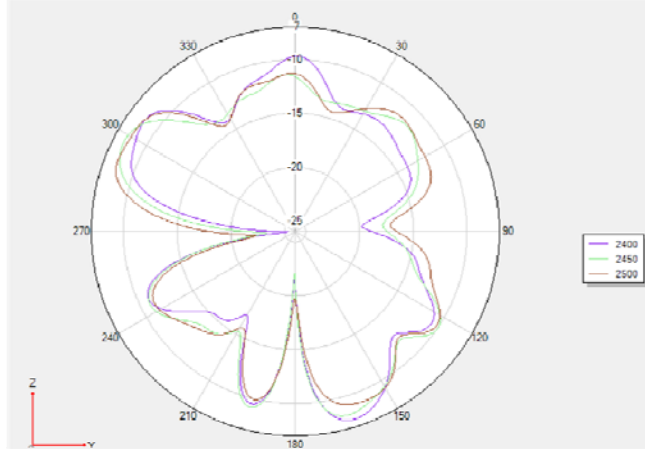


Radiation Pattern For BT Antenna

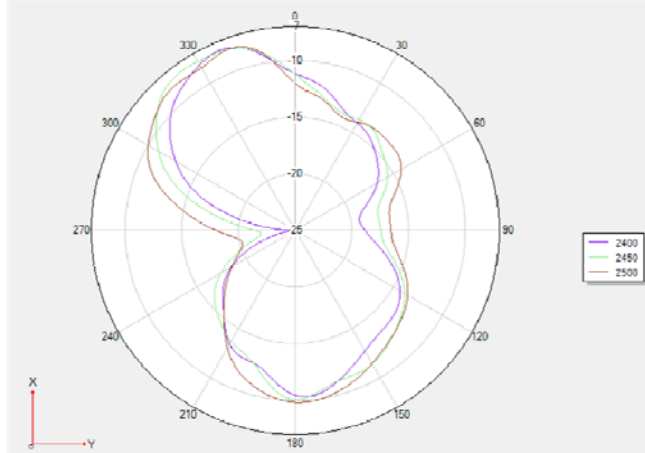
Phi 0°



Phi 90°



Theta 90°



Device



***BT
Antenna***





BT天线