



东莞市一佳电子通讯科技有限公司

Dongguan YiJia Electronics Communication Technology Co.,Ltd.

规格承认书

SPECIFICATION FOR APPROVAL

日期 Date	2024/08/01
编号 File No	24080101
版本 Revision	1.0

客 户
CUSTOMER:

Fanvil

客户料号
CUSTOMER NO:

LEAAA100011A0

品 名
PART NAME:

BT Antenna

供方料号
SUPPLIER NO:

YJL01.106.071.301A

送样日期Date:

送样数量Q'TY:

客户确认CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
 ChenGuoqiang	XieLi	ChenXingyi

YJ-RD-F04-A

add: 东莞市长安镇沙头社区木鱼路59号元富工业区 Tel:0769-82586086 Fax:0769-82586086

Add: Yuanfu Industrial Zone, No. 59, Muyu Road, Shatou Community, Chang'an Town, Dongguan City



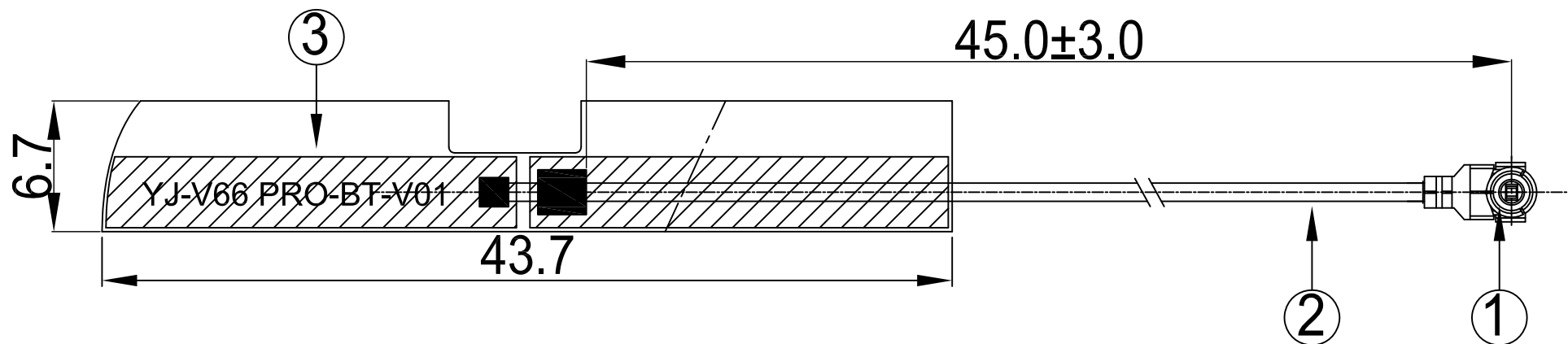
承认书项目表

NO	内 容 (Contents)	页 数 (Number of Page)	页 码 (Page Code)
1	承认书封面 (Spec Cover)	1	1
2	承认书项目表 (Spec Item)	1	2
3	工程成品图 (Drawing)	1	3
4	天线规格 (Antenna Specification)	1	4
5	S参数测试 (S Parameter)	1	5
6	无源测试 (Passive Test)	2	6 ~ 7
7	方向图 (Radiation Pattern)	2	8 ~ 9
8	天线装配图 (Antenna Profile)	3	10 ~ 12

RoHS
Compatible

CUSTOMER

PART NO



3	FPC Black	43.7*6.7mm	FPCB	FPC10XXXA.P01	1
2	Coaxial Cable	O.D.1.13 Black	O.D.1.13	COA10XXXA.P01	1
1	Mini Connector	Au Plated 1代	Cu	TER10XXXA.P01	1
NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY



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	4.2 dBi
Radiation	Omni-directional
Polarization	Linear

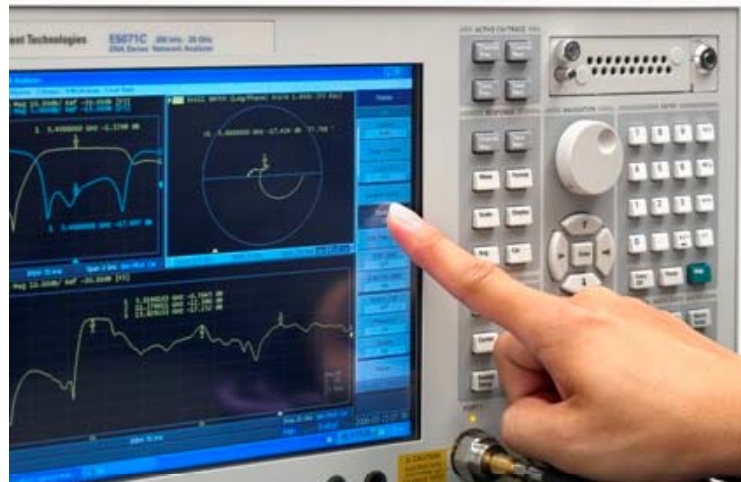
Physical Properties

Connector	IPEX
Cable Type	O.D.1.13mm
Cable Length	45mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%

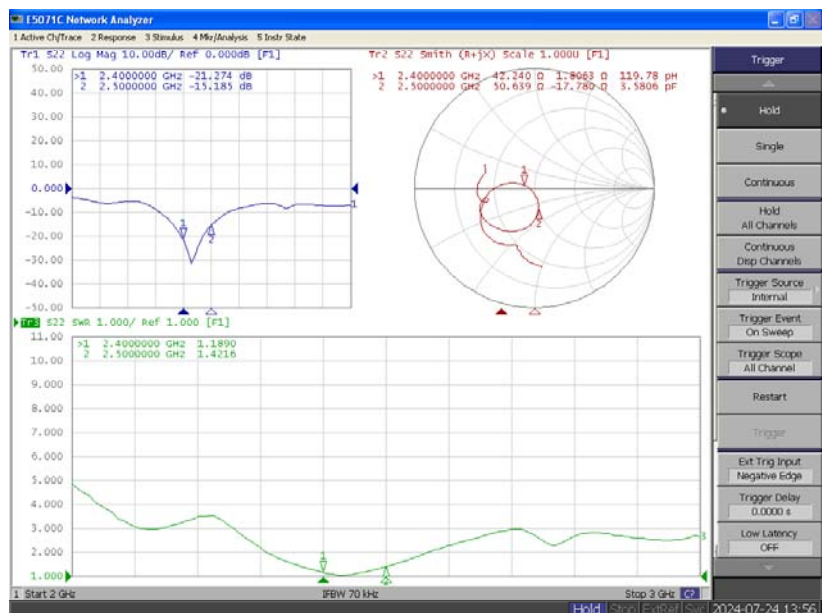


Antenna Performance Test

**Agilent
E5071B**

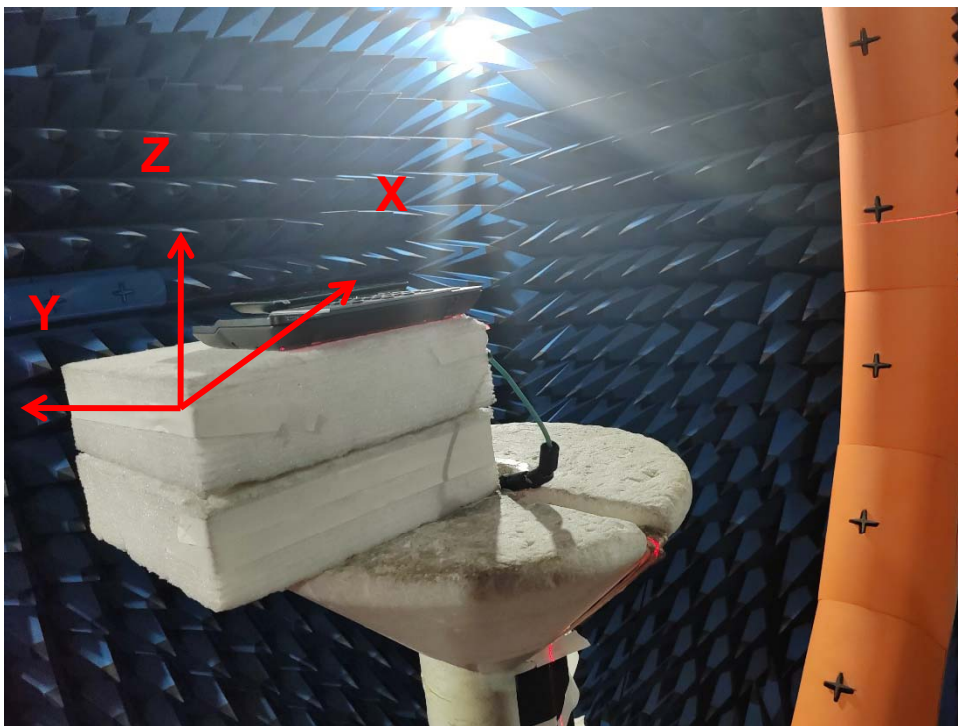
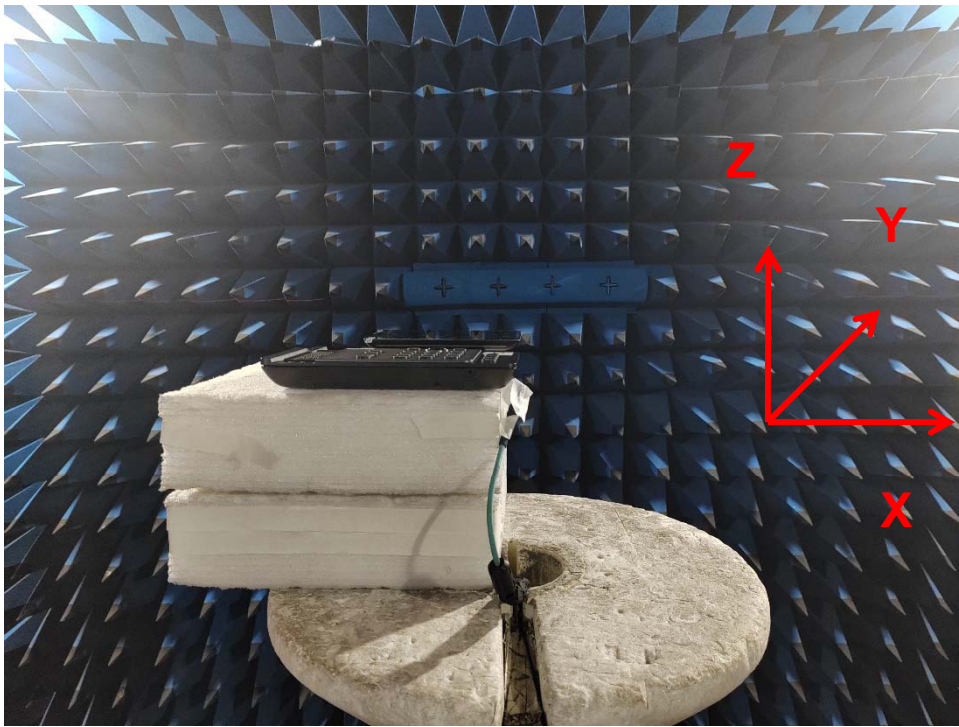


**S
Parameter
Test //
BT
Antenna**





Antenna Passive Test



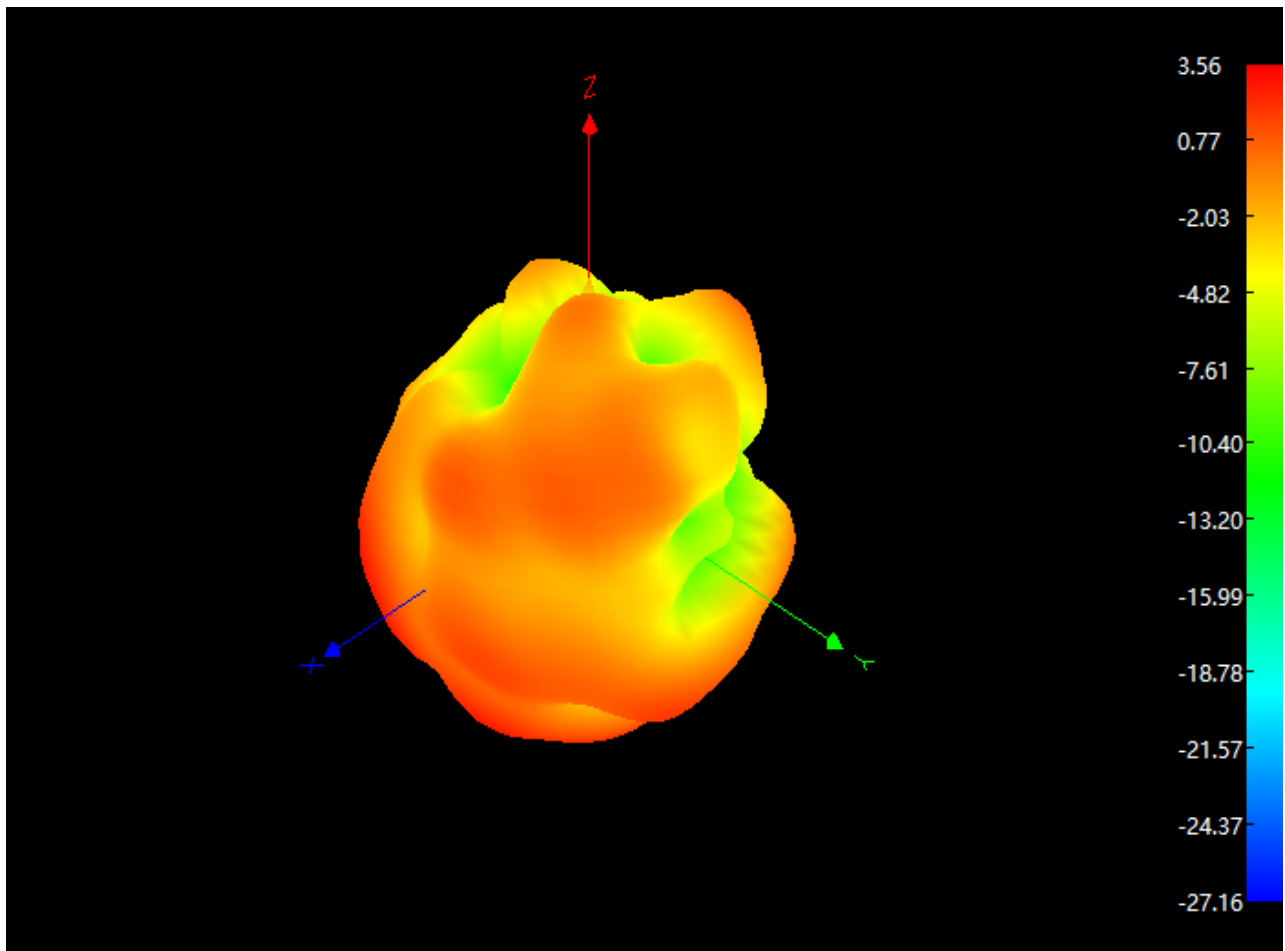


Passive Test For BT Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	56.0	-2.5	4.0
2410	56.9	-2.5	4.0
2420	57.0	-2.4	3.7
2430	58.6	-2.3	3.6
2440	59.2	-2.3	3.4
2450	60.8	-2.2	3.6
2460	58.9	-2.3	3.2
2470	61.9	-2.1	3.9
2480	59.8	-2.2	3.8
2490	60.5	-2.2	4.2
2500	56.6	-2.5	3.8

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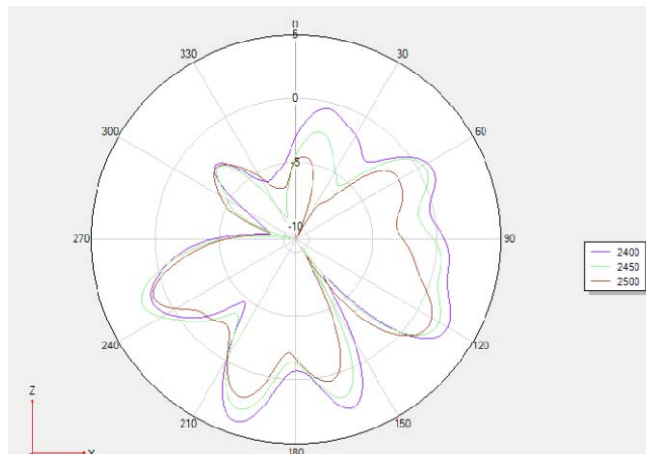
Radiation Pattern For BT Antenna(2450MHz)



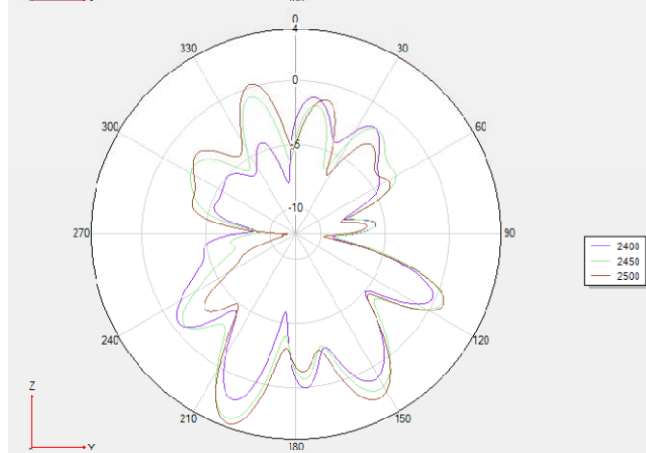


Radiation Pattern For BT Antenna

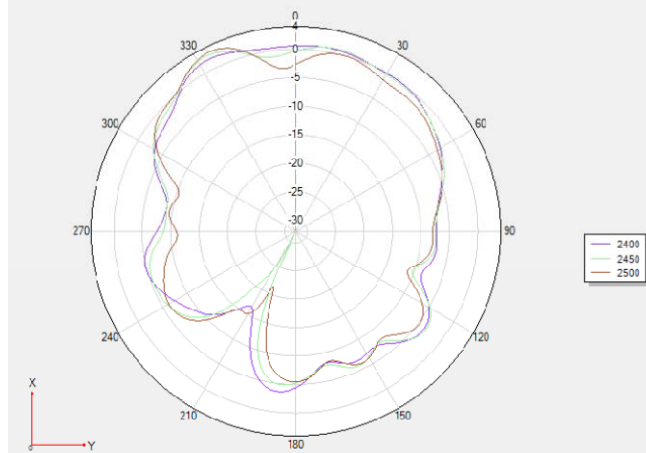
Phi 0°



Phi 90°



Theta 90°





Device





BT Antenna

