



规格承认书

SPECIFICATION FOR APPROVAL

日期 Date	2025/06/03
编号 File No	25060301
版本 Revision	1.0

客户
CUSTOMER: Zultys, Inc.

客户料号
CUSTOMER NO: J4G

品名
PART NAME: BT Antenna

供方料号
SUPPLIER NO: YJL01.106.002.301C

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





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)	1	6
7	方向图 (Radiation Pattern)	2	7 ~ 8
8	有源测试 (Active Test)	1	9
9	N/A	N/A	N/A
10	N/A	N/A	N/A
11	N/A	N/A	N/A
12	N/A	N/A	N/A
13	-	-	-



RoHS
Compatible

CUSTOMER
PART NO

REV.

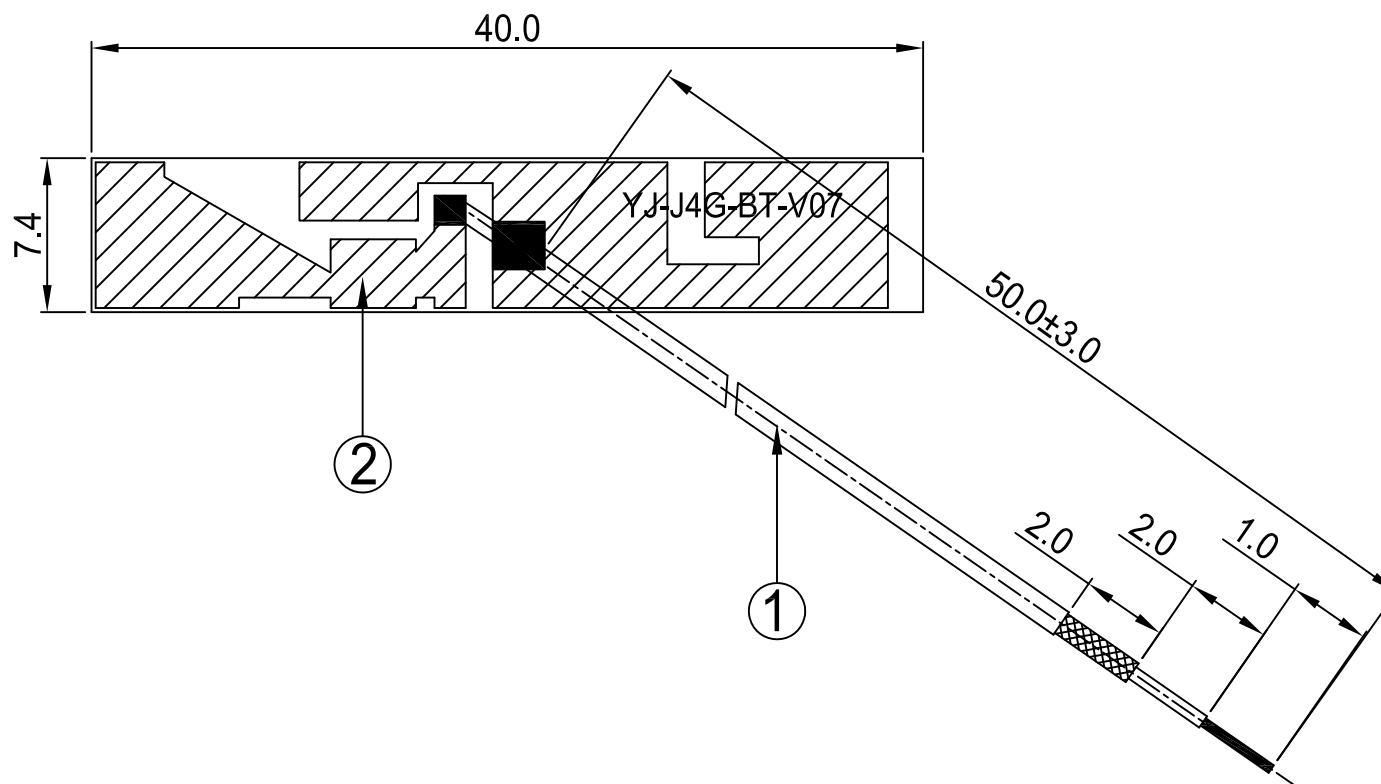
DESCRIPTION

DATE



首次发行

2019-06-20



2	FPCB	7.4*40.0MM	FPCB	FPC1000XA.P01	1
1	Coaxial Cable	O.D.1.13 Gray	O.D.1.13	COA1000XA.P01	1
NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY



天线规格
Antenna Specification

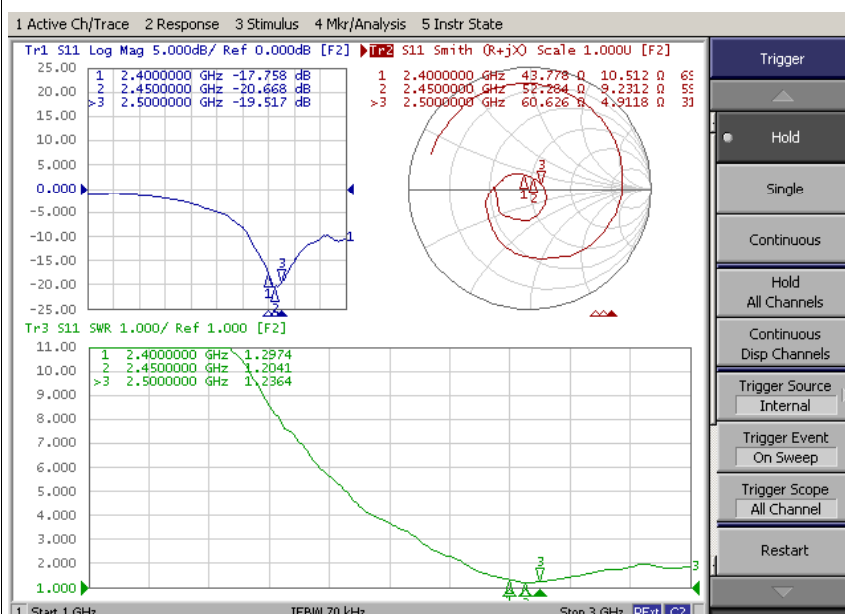
Electrical Properties	
Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	2.2 dBi
Radiation	Omni-directional
Polarization	Linear
Physical Properties	
Connector	None
Cable Type	O.D.1.13mm
Cable Length	50mm
Cable Color	Gray
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%





Antenna Performance Test

**Agilent
E5071C
S11
Parameter
Test //
BT
Antenna**



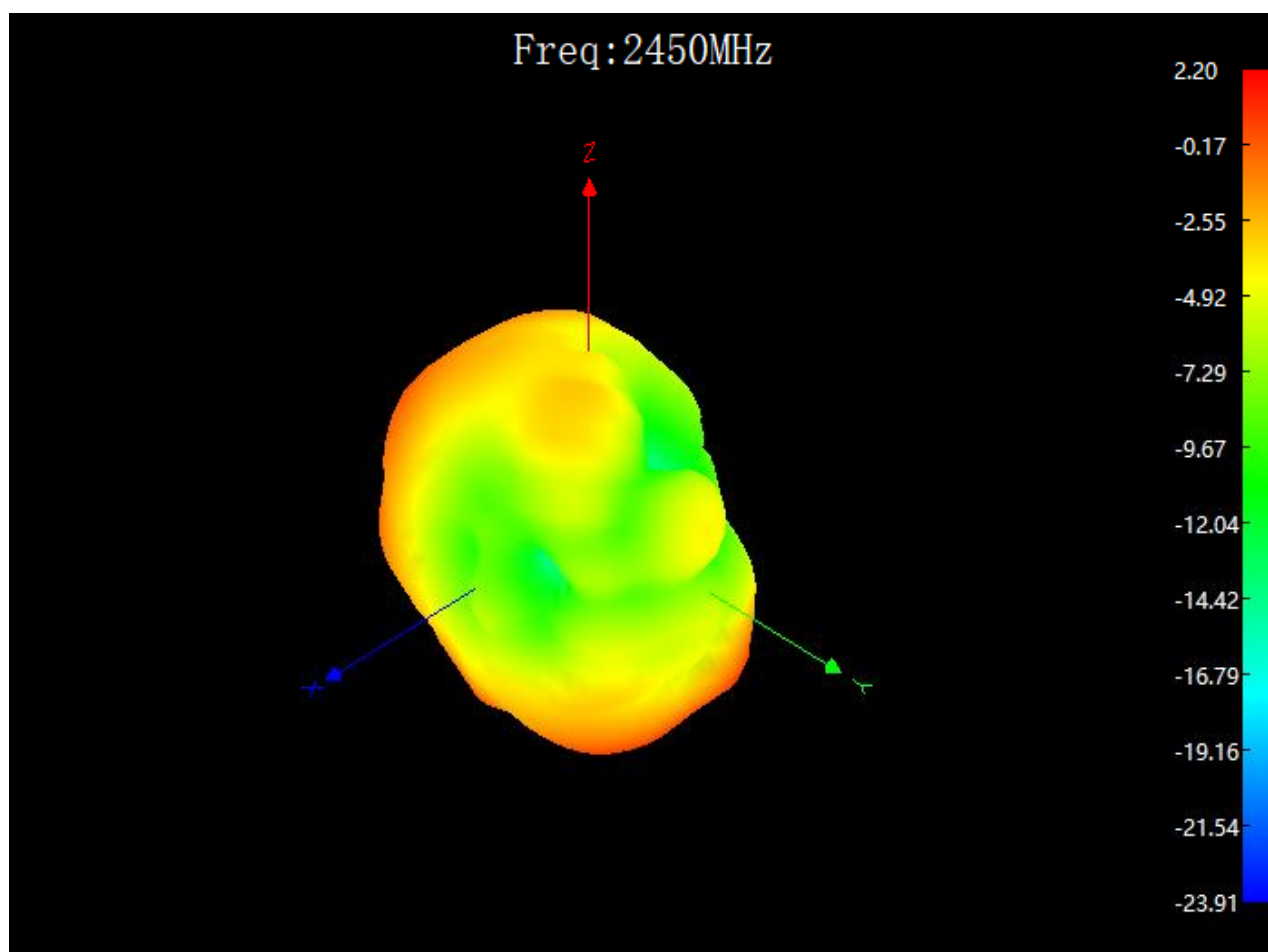


Passive Test For BT Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	54.6	-2.6	1.9
2410	56.2	-2.5	2.2
2420	58.0	-2.4	2.2
2430	58.5	-2.3	2.1
2440	58.1	-2.4	2.1
2450	59.9	-2.2	2.2
2460	58.2	-2.3	2.1
2470	58.3	-2.3	2.0
2480	58.8	-2.2	2.1
2490	59.4	-2.2	2.2
2500	59.7	-2.1	2.2





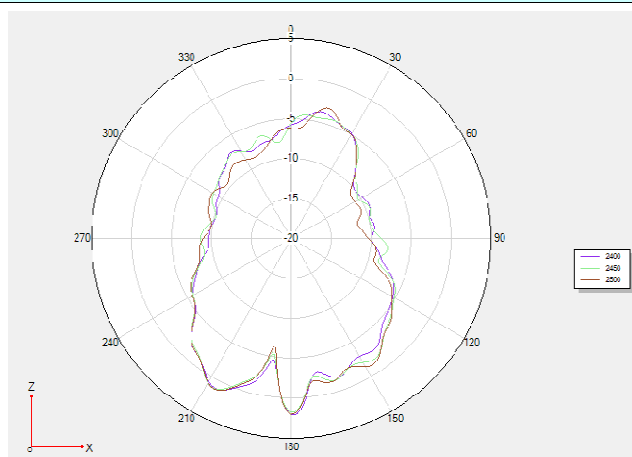
Radiation Pattern For BT Antenna(2450MHz)



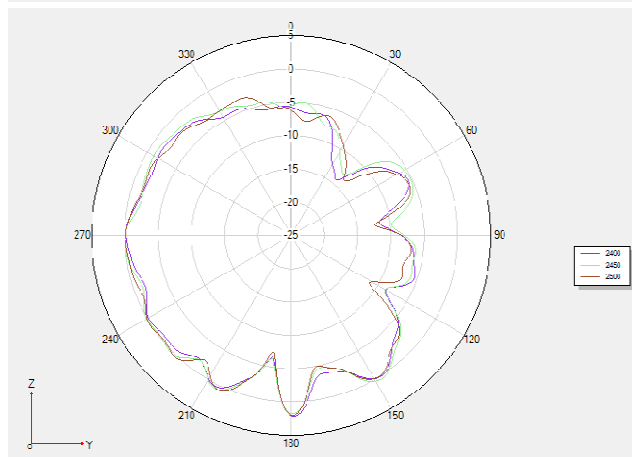


Radiation Pattern For BT Antenna

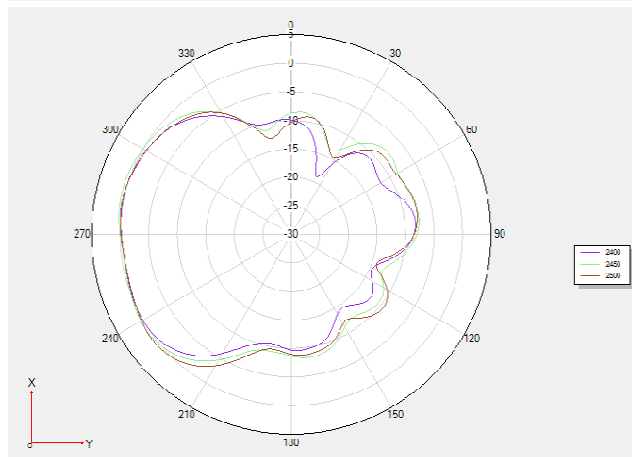
Phi 0°



Phi 90°



Theta 90°





Antenna Active Test

Active Test For BT			
Band	Channel	TRP	TIS
BT	0	1.9	-88.6
	39	1.9	-88.8
	78	2.1	-88.5

