



规格承认书

SPECIFICATION FOR APPROVAL

日期 Date	2024/12/11
编号 File No	24121102
版本 Revision	1.0

客 户
CUSTOMER:

客户料号
CUSTOMER NO:

MPD-Q005

品 名
PART NAME:

BT Antenna L=67mm MHF

供方料号
SUPPLIER NO:

YJS01.005.071.302

送样日期Date:

送样数量Q'TY:

客户确认CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

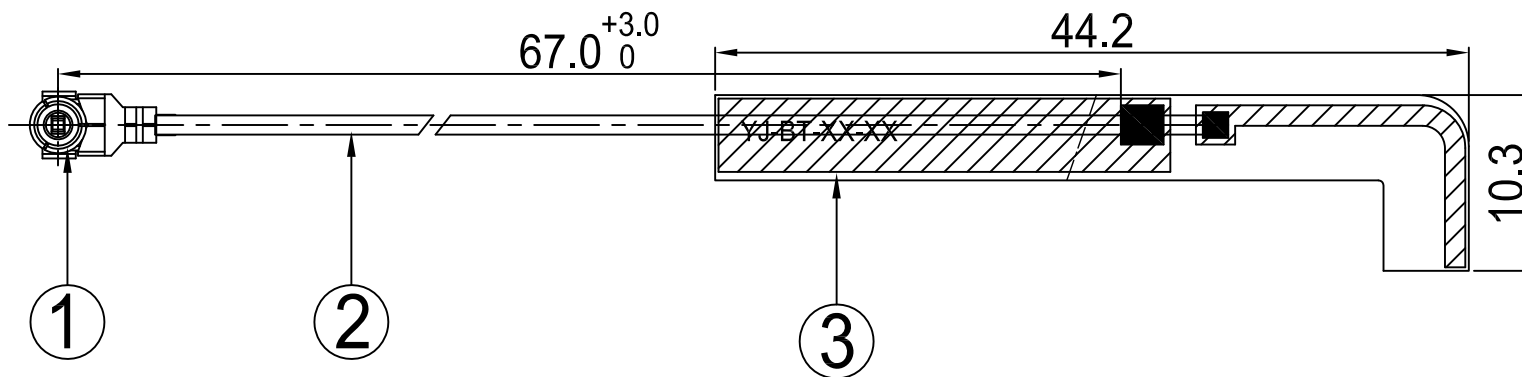
供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
 ChenGuoqiang	XieLi	ChenXingyi

YJ-RD-F04-A



RoHS
Compatible

CUSTOMER
PART NO



东莞市一佳电子通讯科技有限公司
DONGGUAN YIJIA ELECTRONICS COMMUNICATION TECHNOLOGY CO., LTD

PART NAME: BT Antenna L=67mm MHF

PART NO.: YJS01.005.071.302

DATE: 2024-12-03

APPROVED BY

CHECKED BY

DESIGNED BY



Tolerance

CICI

UNITS: mm

SCALE: 1/1

REVISION: C

X.X ±0.50

X.XX±0.15

X° ±3°



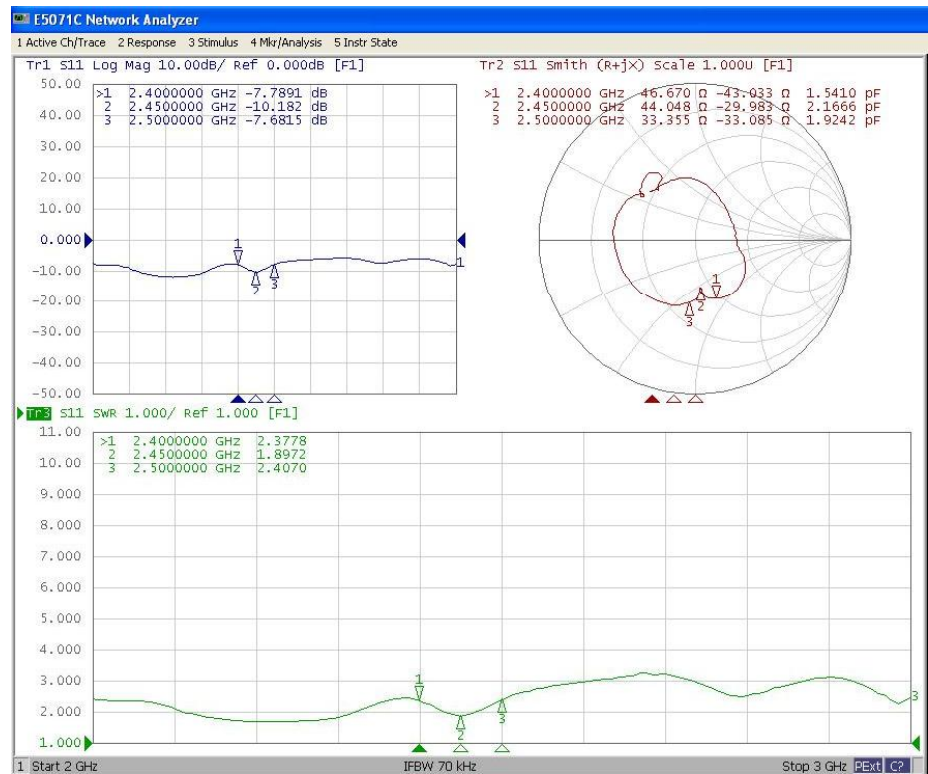
天线规格
Antenna Specification

Electrical Properties	
Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.5 Max
Gain	1.2 dBi
Radiation	Omni-directional
Polarization	Linear
Physical Properties	
Connector	4 IPEX
Cable Type	O.D.0.81mm
Cable Length	67mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%



Antenna Performance Test

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

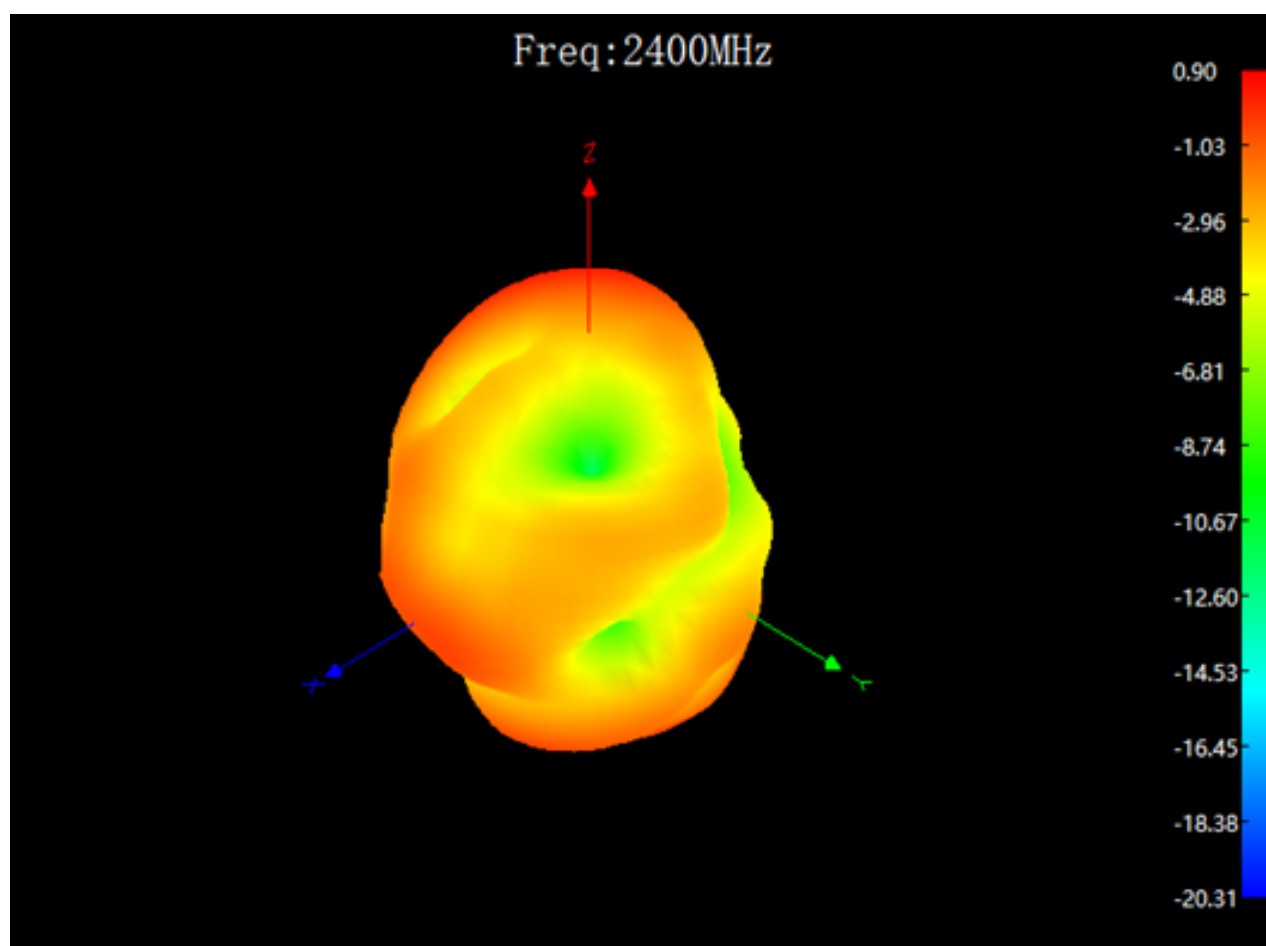




Passive Test For BT Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	30.1	-5.2	0.9
2410	30.6	-5.2	1.1
2420	31.0	-5.1	1.2
2430	31.4	-5.0	1.2
2440	31.6	-5.0	1.2
2450	31.2	-5.1	1.2
2460	30.9	-5.1	1.1
2470	30.5	-5.2	1.1
2480	30.1	-5.2	1.1
2490	30.7	-5.1	1.0
2500	30.5	-5.2	0.8

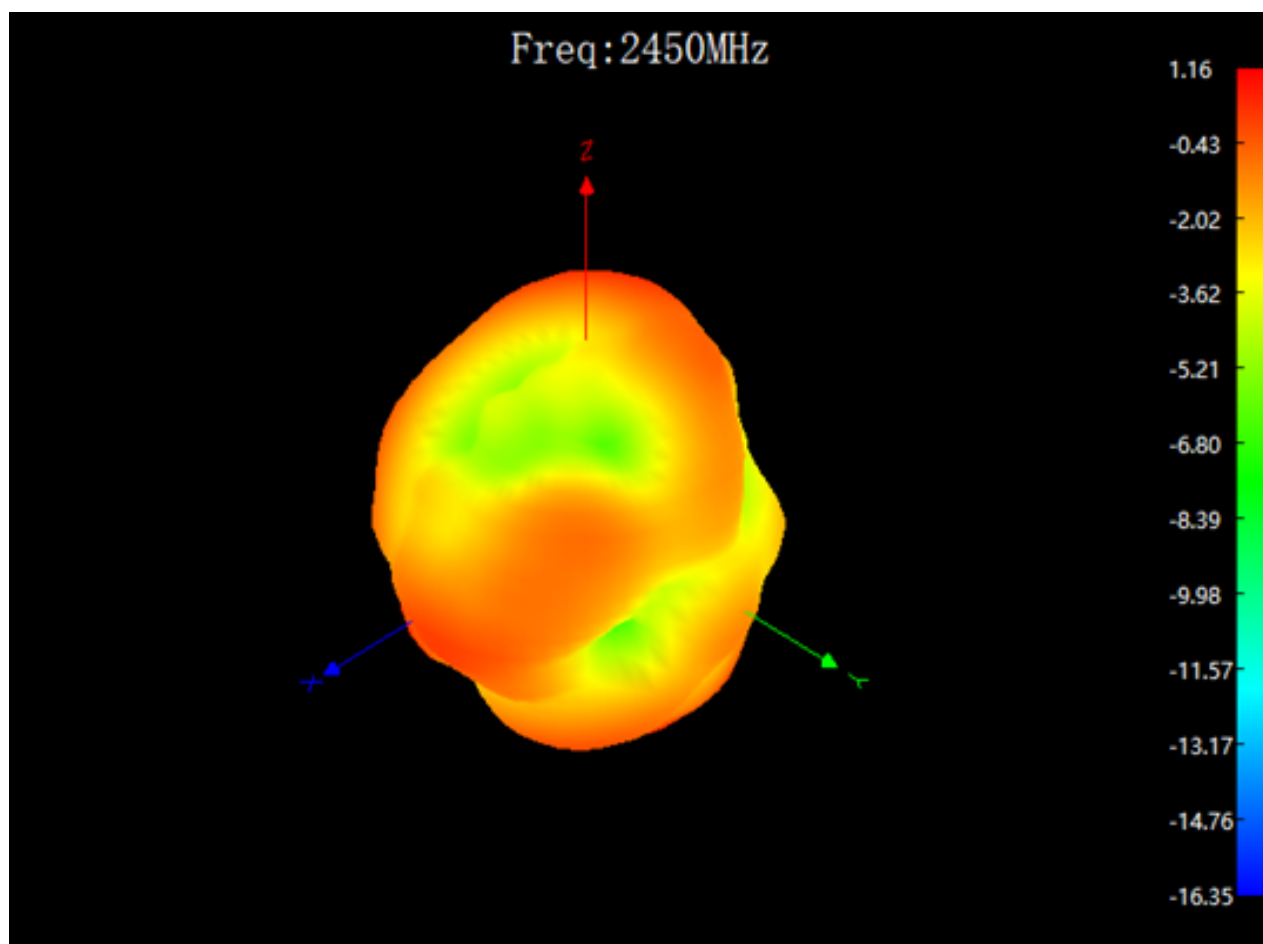


Radiation Pattern For BT Antenna (2400MHz)



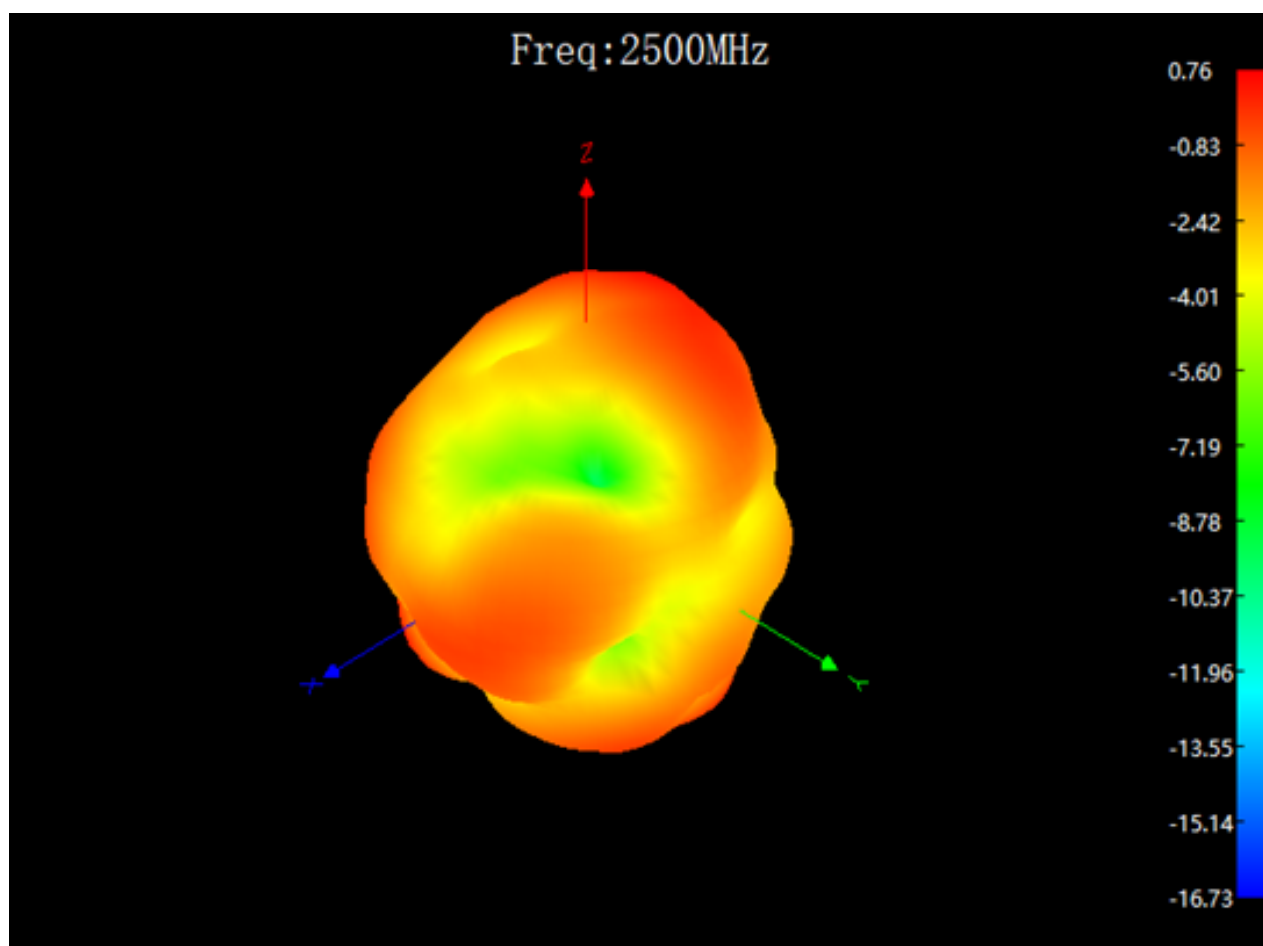


Radiation Pattern For BT Antenna (2450MHz)





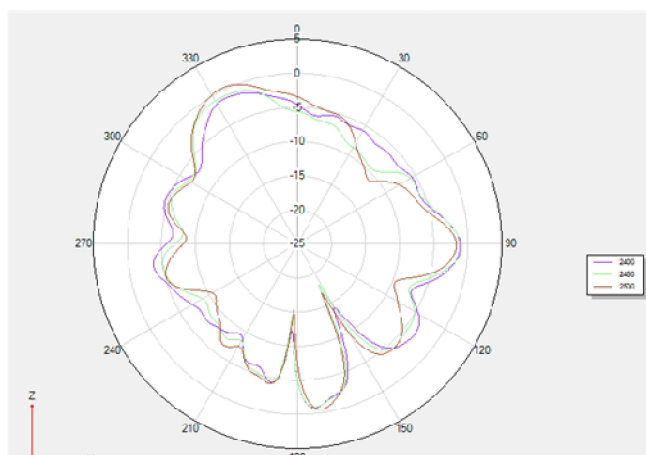
Radiation Pattern For BT Antenna (2500MHz)



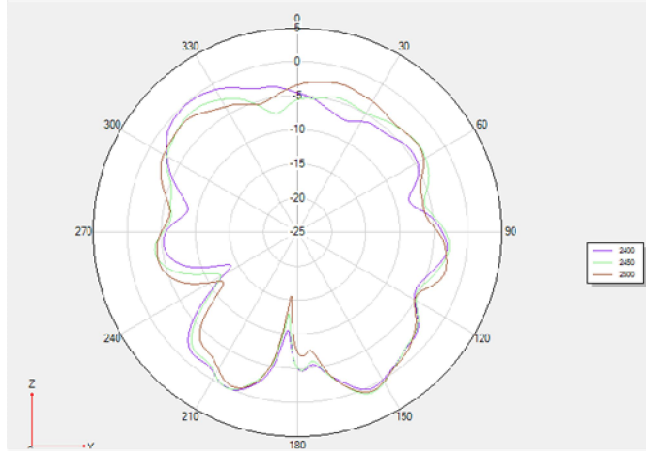


Radiation Pattern For BT Antenna

Phi 0°



Phi 90°



Theta 90°

