



规格承认书

SPECIFICATION FOR APPROVAL

日期 Date	2024/10/30
编号 File No	24103003
版本 Revision	1.0

客户
CUSTOMER: FJ Dynamics

客户料号
CUSTOMER NO: YTX-TX-003068

品名
PART NAME: BT Antenna L=120mm MHF

供方料号
SUPPLIER NO: YJF01.085.029.303A

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



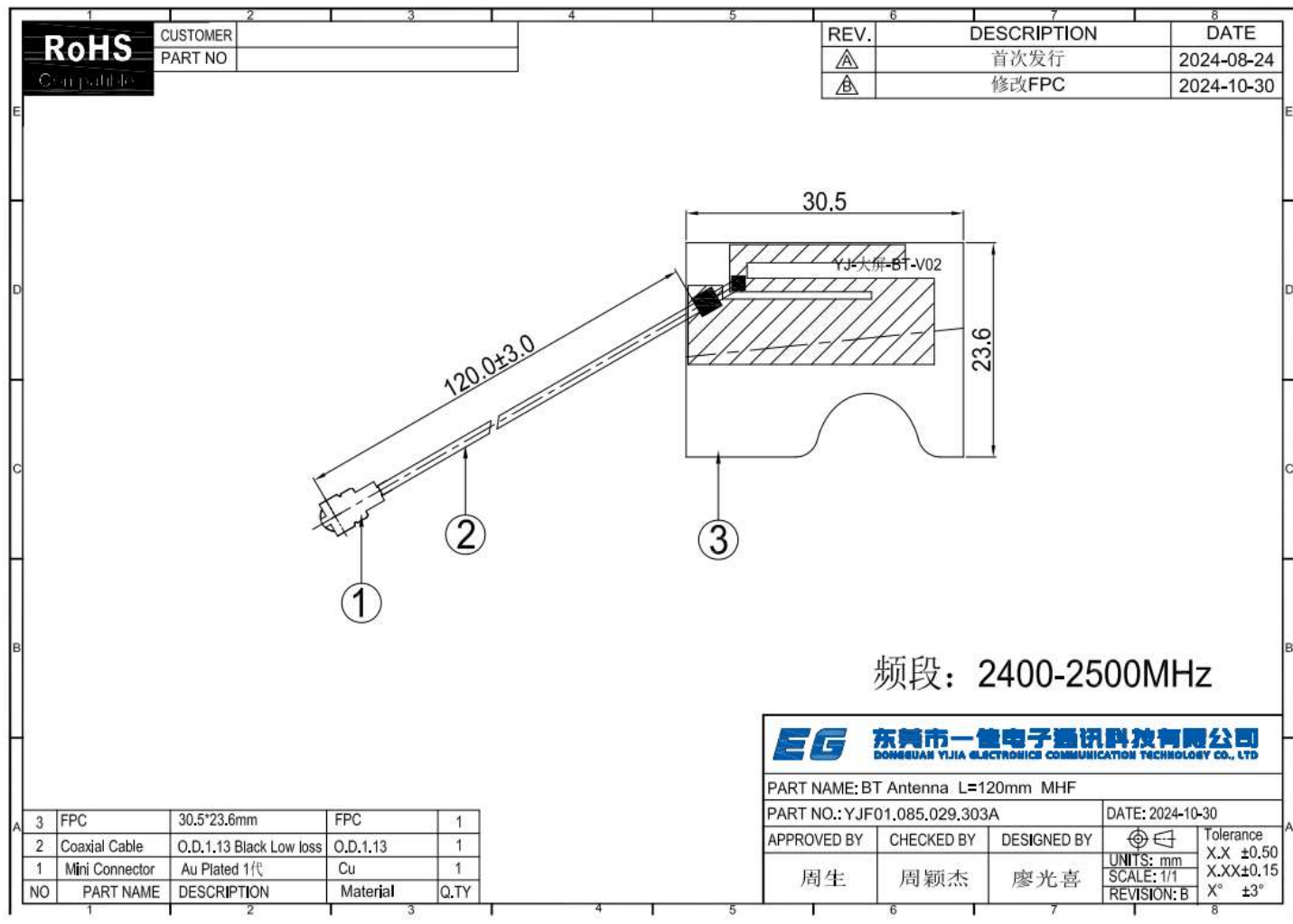


承认书项目表

List of acknowledgement items

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)	4	8 ~ 11
8			
9			
10			
11			
12			
13	-	-	







天线规格
Antenna Specification

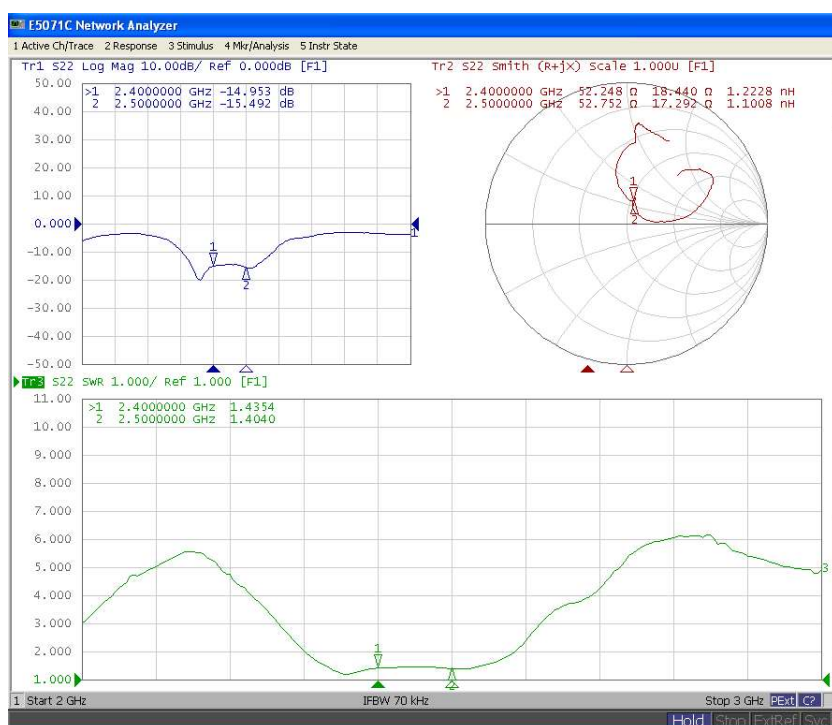
Electrical Properties	
Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	4.3 dBi
Radiation	Omni-directional
Polarization	Linear
Physical Properties	
Connector	1代IPEX
Cable Type	O.D.1.13mm低损耗
Cable Length	120mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%





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

Agilent E5071C S Parameter Test // BT Antenna

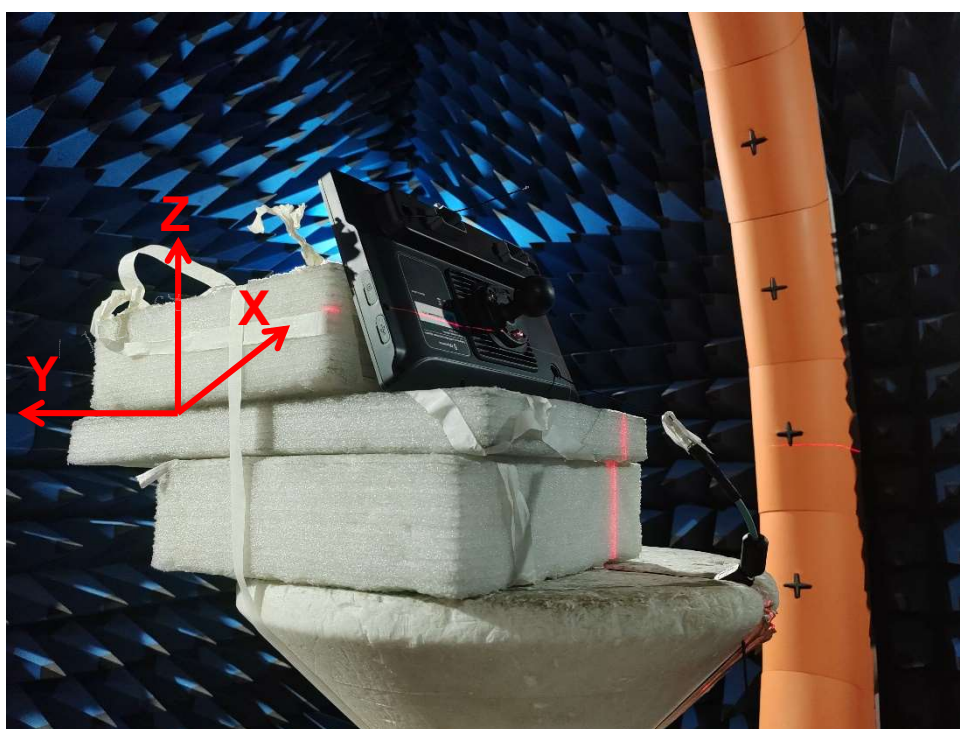
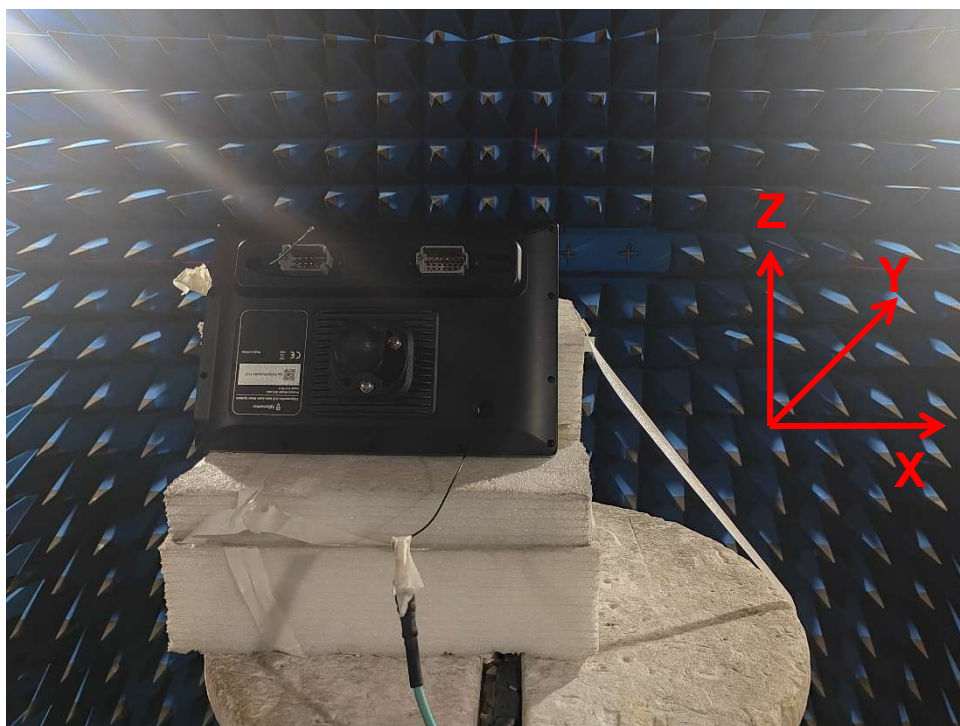


东莞市长安镇沙头社区木鱼路59号 Tel:0769-82586086 Fax:0769-82586086
No.59 Muyu Road, Shatou Community, Chang 'an Town, Dongguan City



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

Antenna Passive Test



东莞市长安镇沙头社区木鱼路59号 Tel:0769-82586086 Fax:0769-82586086
No.59 Muyu Road, Shatou Community, Chang 'an Town, Dongguan City

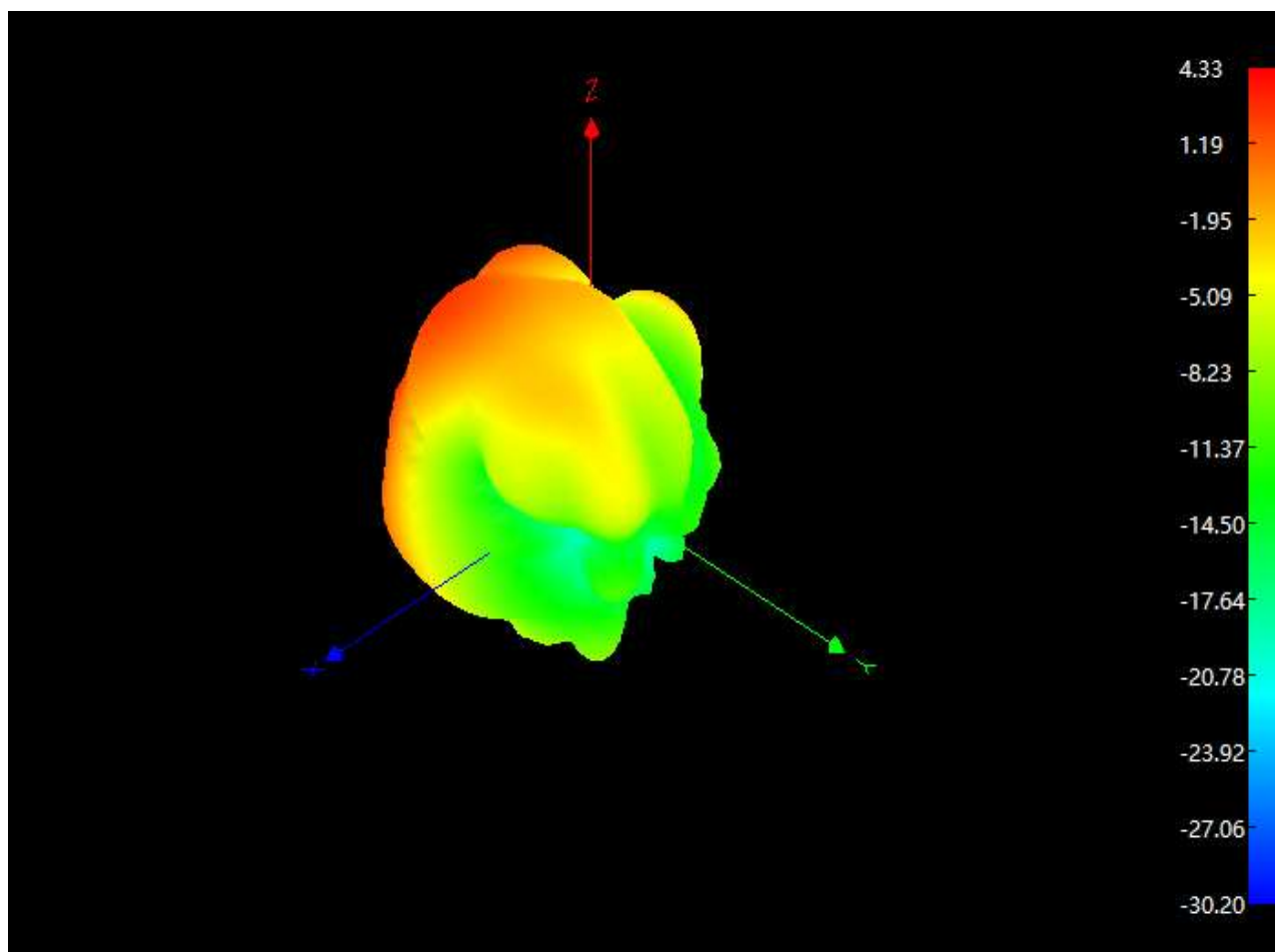


Passive Test For BT Antenna(2.4G)			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	35.6	-4.5	4.3
2410	37.2	-4.3	4.3
2420	37.9	-4.2	4.0
2430	38.4	-4.2	3.7
2440	37.7	-4.2	3.0
2450	39.0	-4.1	3.4
2460	38.5	-4.2	3.5
2470	39.7	-4.0	3.7
2480	39.8	-4.0	3.8
2490	41.7	-3.8	4.0
2500	41.0	-3.9	4.1



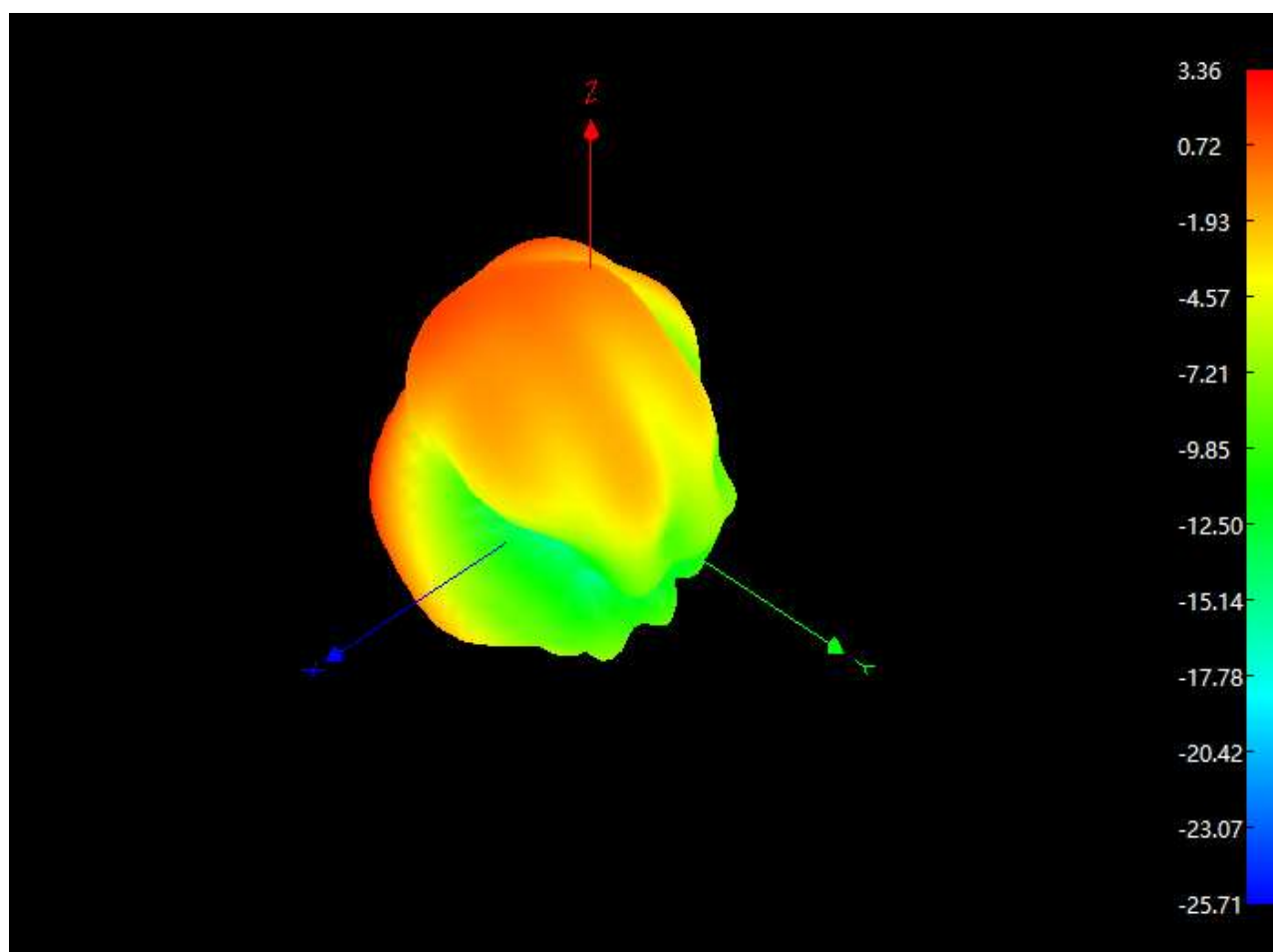


Radiation Pattern For BT Antenna (2400MHz)



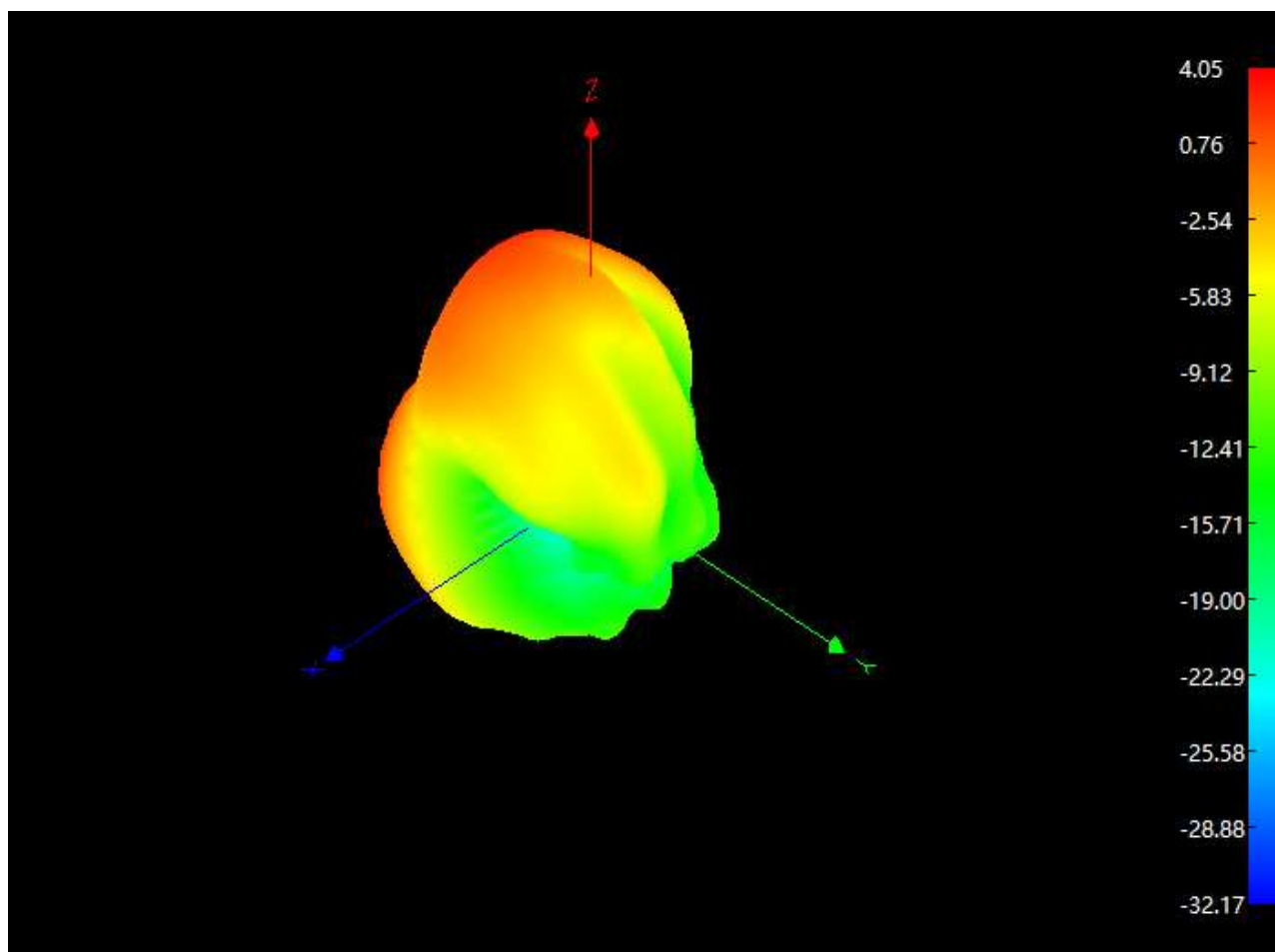


Radiation Pattern For BT Antenna (2450MHz)





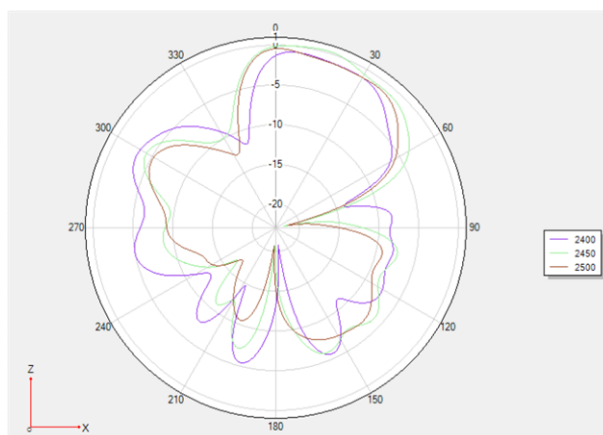
Radiation Pattern For BT Antenna (2500MHz)



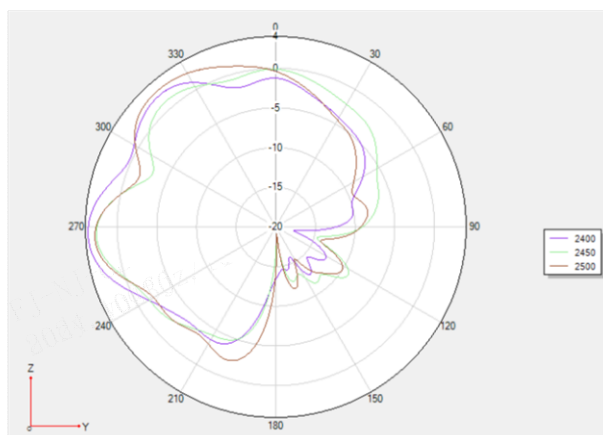


Radiation Pattern For BT Antenna

Phi 0°



Phi
90°



Theta 90°

