



规格承认书

SPECIFICATION FOR APPROVAL

日期
Date 2026/05/06

编号
File No 26050601

版本
Revision 1.0

客户
CUSTOMER: 道通

客户料号
CUSTOMER NO: DC2511_ACBOX

品名
PART NAME: BT Antenna

供方料号
SUPPLIER NO: YJI01.005.126.301A

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

ZhangLiqun

HuangTuyong

YJ-RD-F04-A





承认书项目表

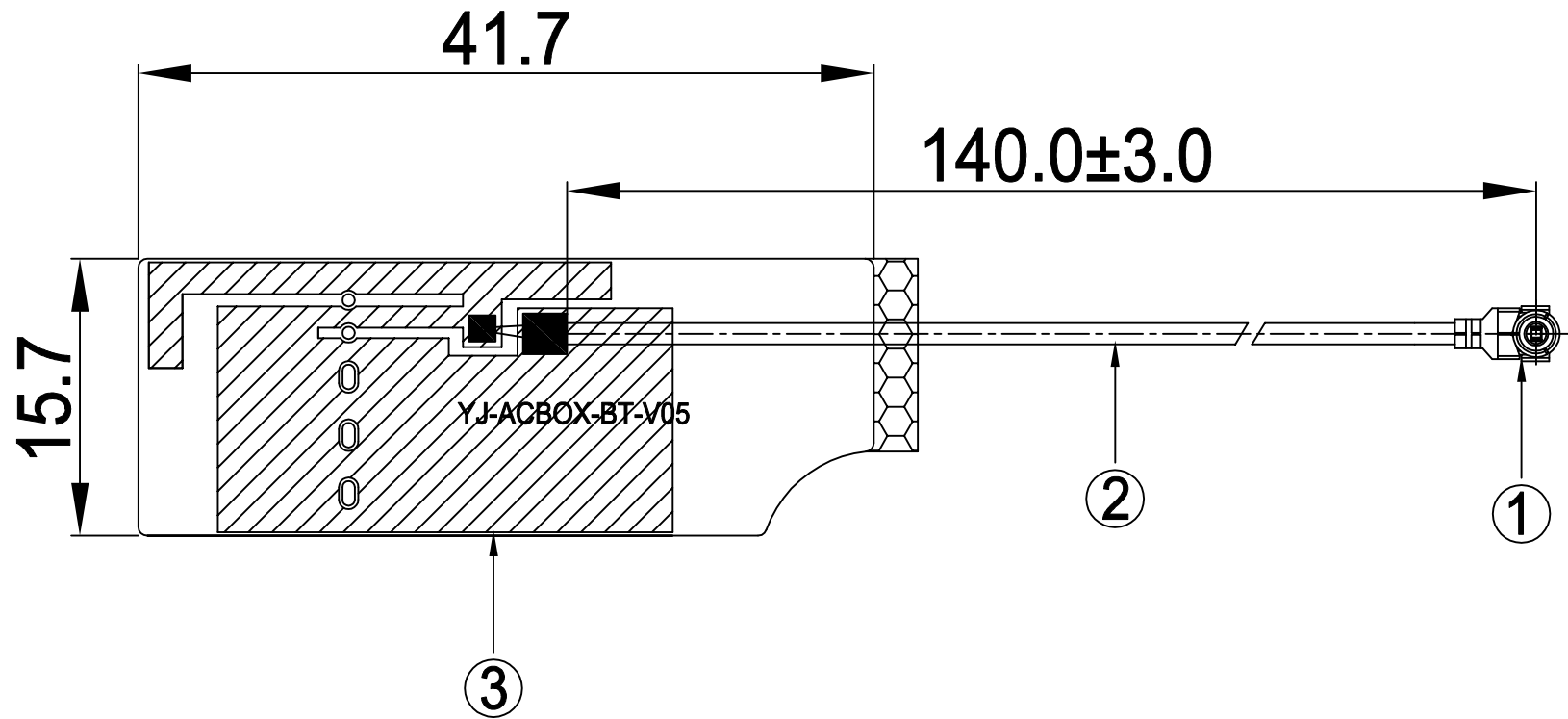
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12	N/A	N/A	N/A
13	-	-	-



RoHS
Compatible

CUSTOMER	
PART NO	

REV.	DESCRIPTION	DATE
△	首次发行	



EG 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

PART NO.: YJI01.005.126.301A

DATE:2026-05-06

APPROVED BY	CHECKED BY	DESIGNED BY	UNITS: mm	Tolerance
殷涛	唐国浩	黄土勇	SCALE: 1/1	X.X ±0.50
			REVISION: A	X.XX±0.15
				X° ±3°

3	FPCB	41.7*15.7MM	FPCB	1
2	Coaxial Cable	O.D.1.13 Black	O.D.1.13	1
1	Mini Connector	Au Plated 1代	Cu	1
NO	PART NAME	DESCRIPTION	Material	Q.TY



天线规格
Antenna Specification

Electrical Properties

Frequency	2402-2480MHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	1.4 dBi
Radiation	Omni-directional
Polarization	Linear

Physical Properties

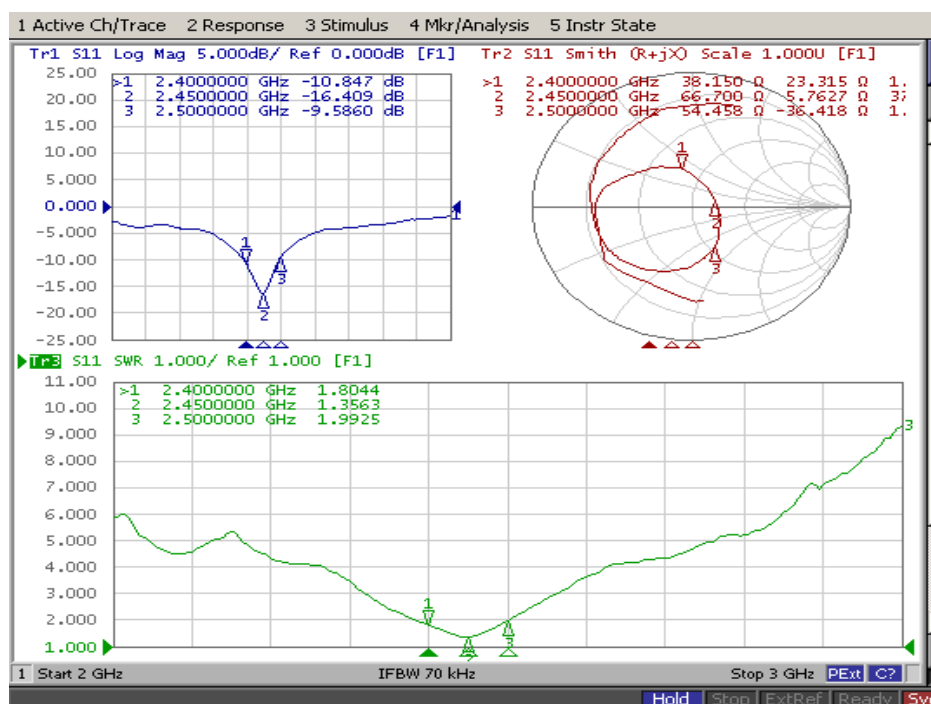
Connector	IPEX-1
Cable Type	O.D.1.13mm
Cable Length	140mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%





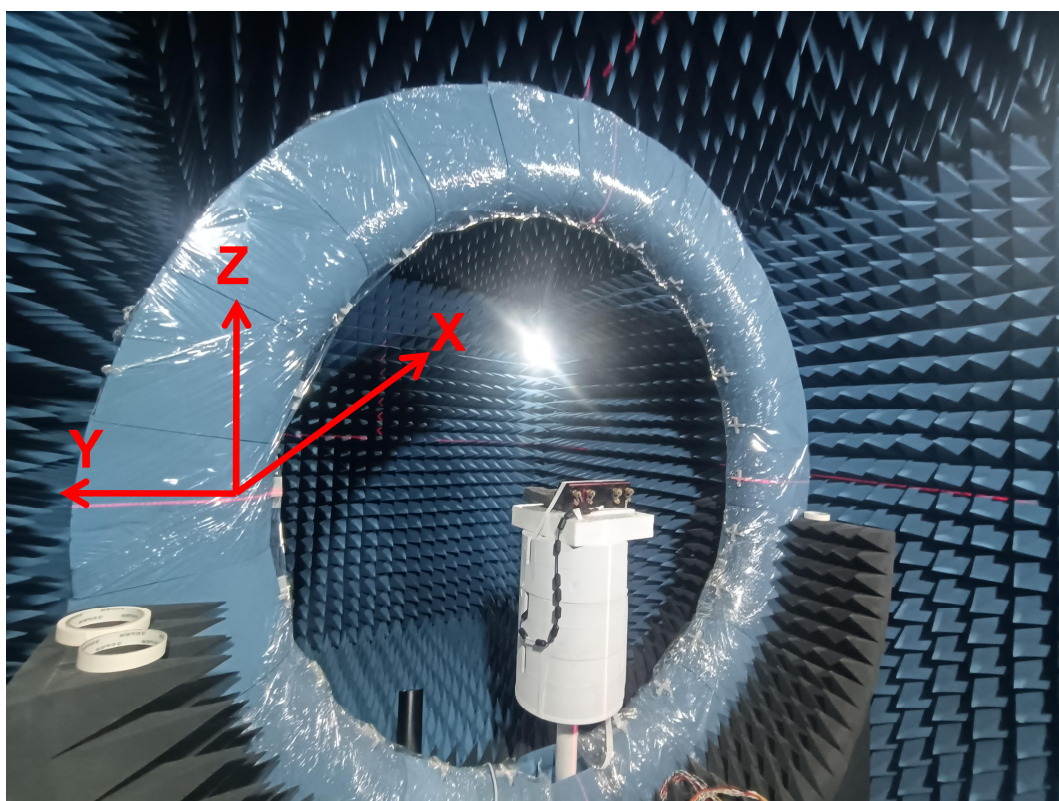
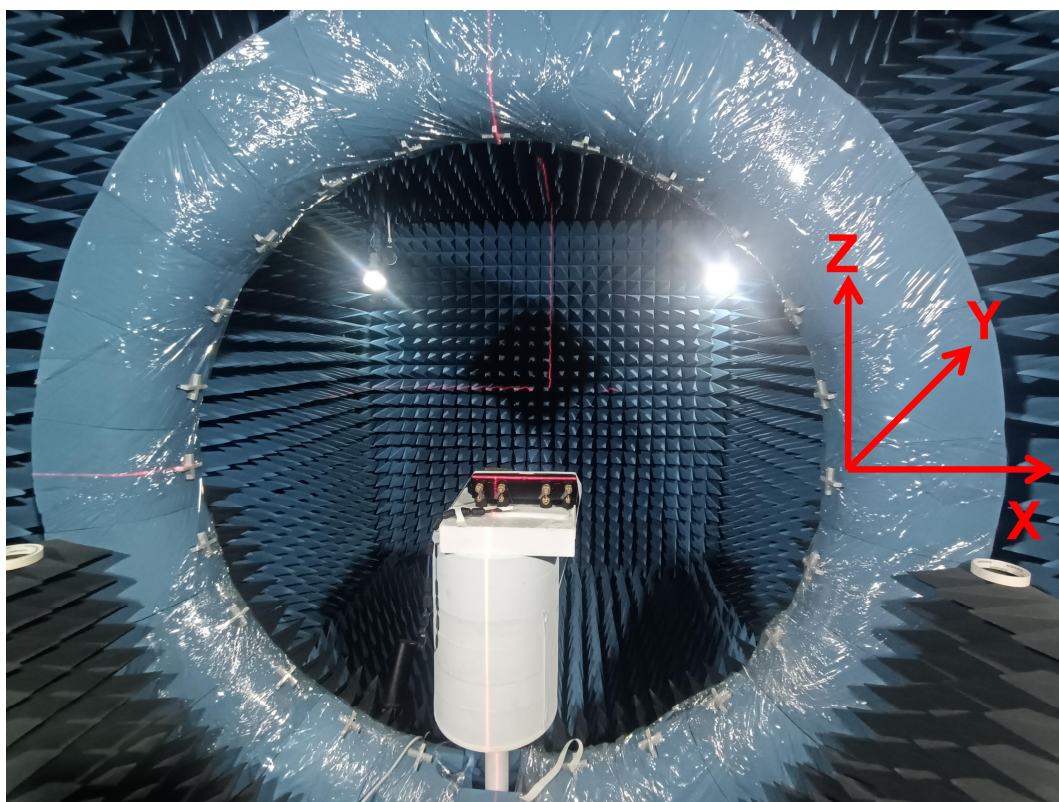
Antenna Performance Test

*Agilent
E5071C
S
Parameter
Test //
BT
Antenna*





Antenna Passive Test





Passive Test For BT Antenna(2.4G)

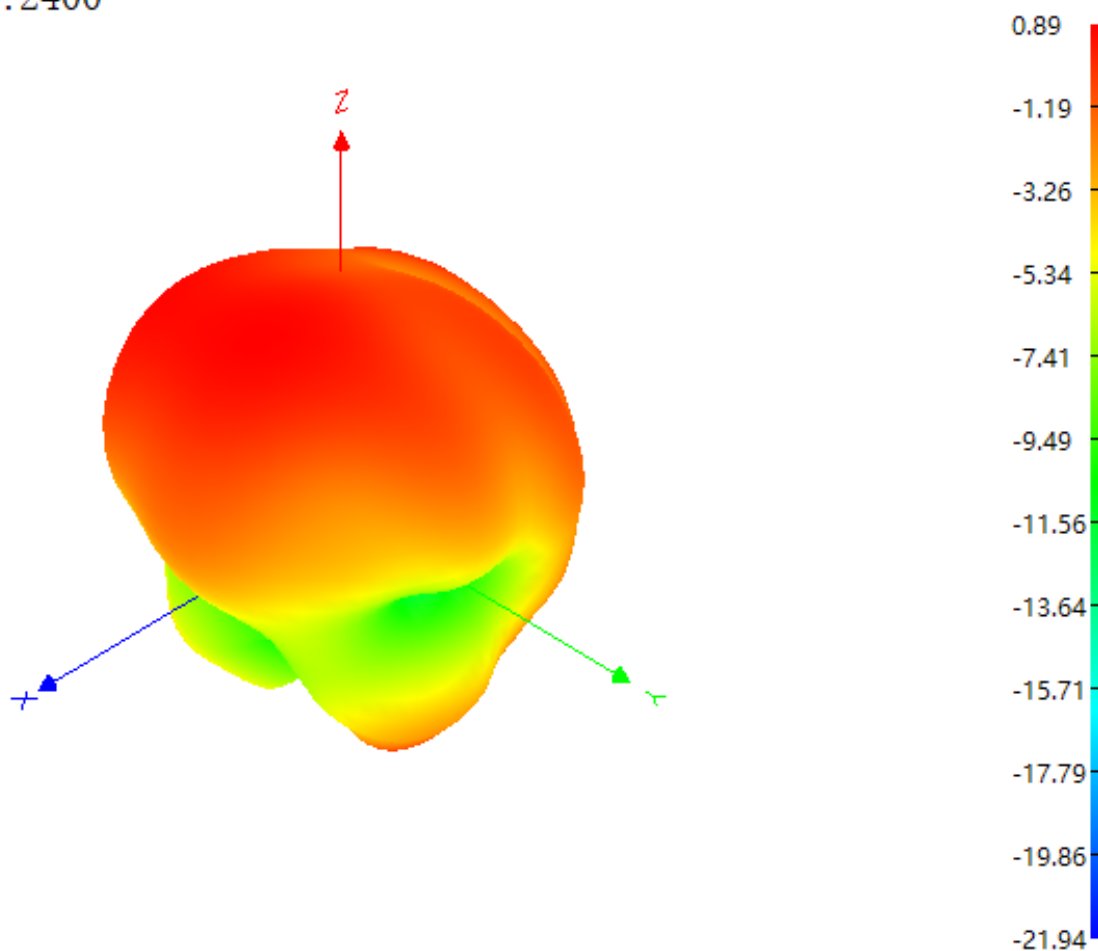
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	58.1	-2.4	0.9
2410	58.3	-2.3	1.0
2420	56.8	-2.5	0.9
2430	57.8	-2.4	1.1
2440	53.6	-2.7	0.9
2450	54.8	-2.6	1.2
2460	56.0	-2.5	1.3
2470	56.8	-2.5	1.4
2480	54.1	-2.7	1.0
2490	53.1	-2.8	0.9
2500	47.9	-3.2	0.5





Radiation Pattern For BT Antenna (2400MHz)

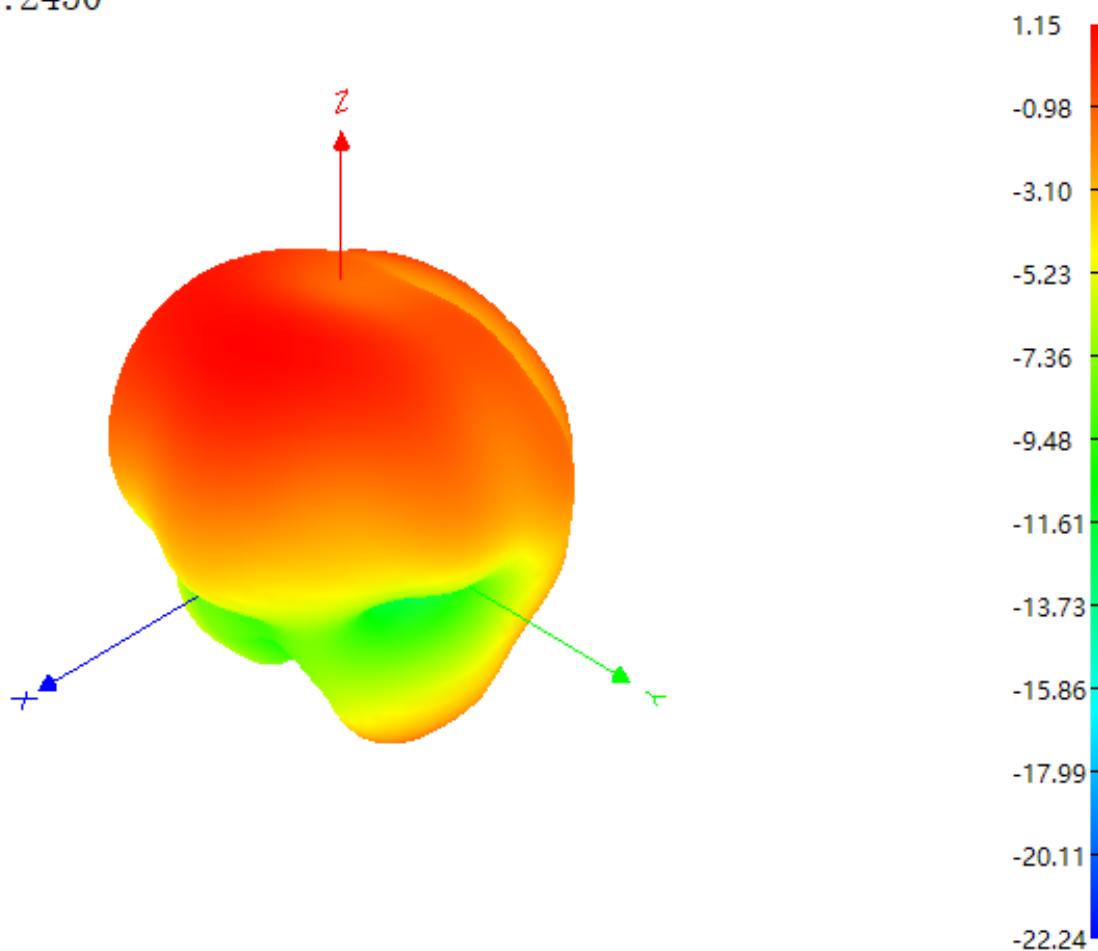
Frequency (MHz) : 2400





Radiation Pattern For BT Antenna (2450MHz)

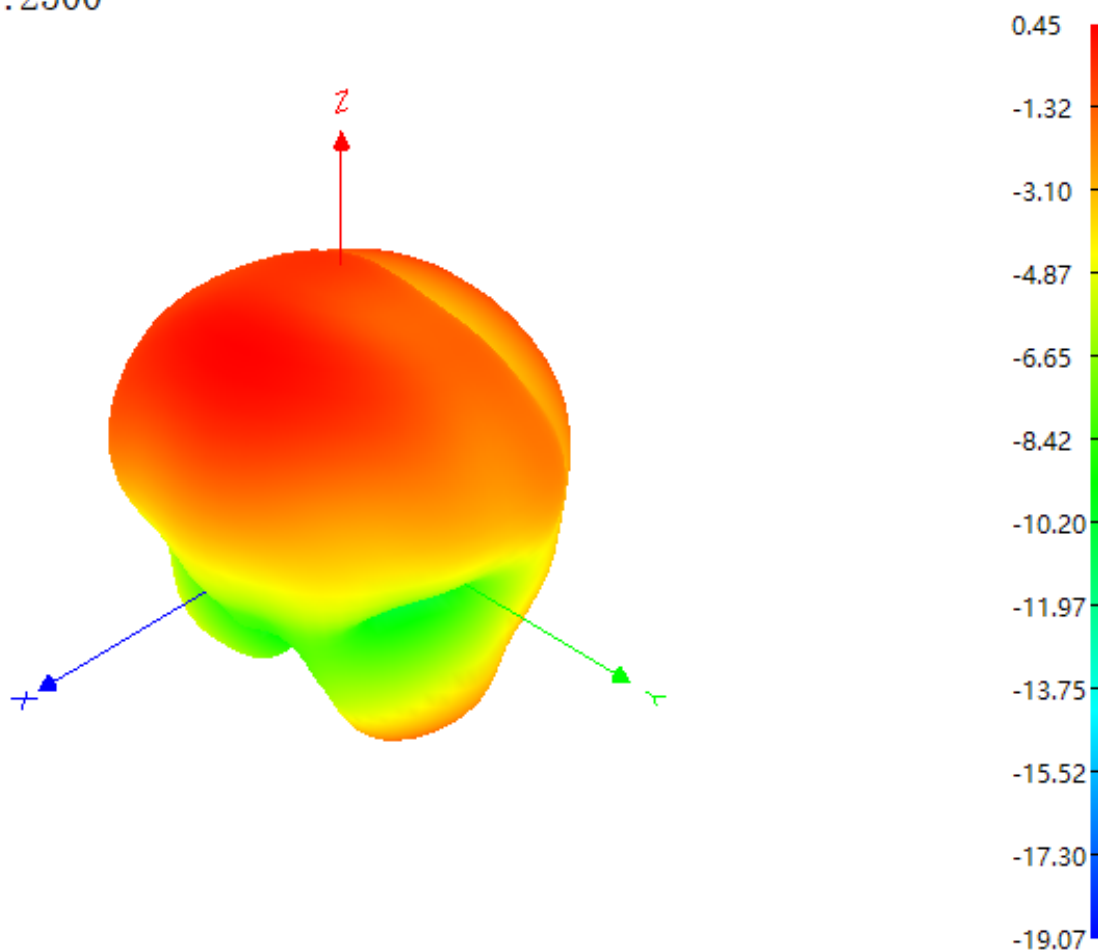
Frequency (MHz) :2450





Radiation Pattern For BT Antenna (2500MHz)

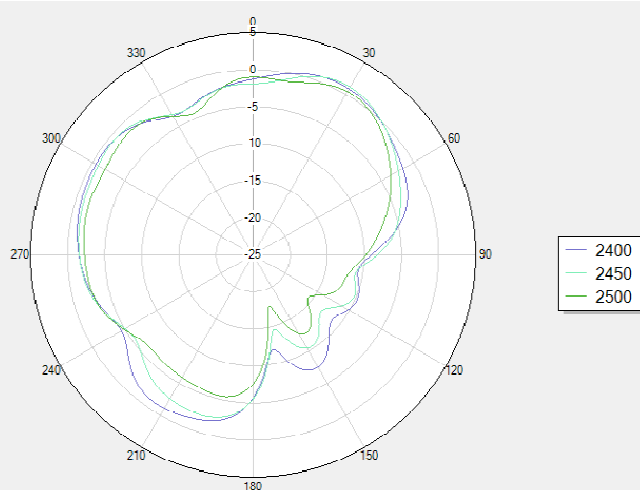
Frequency (MHz) :2500



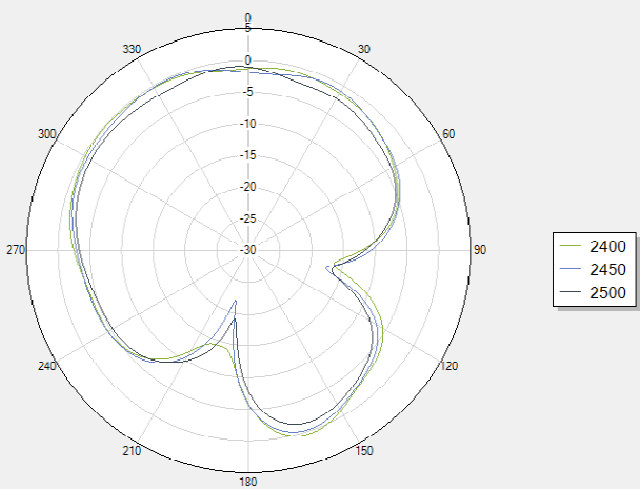


Radiation Pattern For BT Antenna

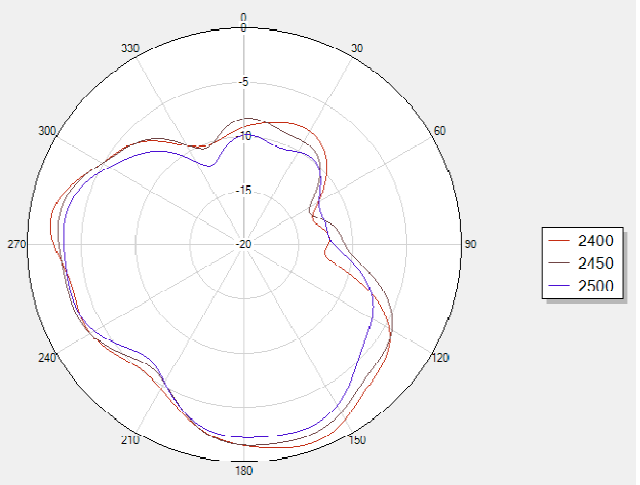
Phi 0°



Phi 90°



Theta 90°





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

Antenna Active Test



东莞市长安镇沙头社区木鱼路59号 Tel:0769-82586086 Fax:0769-82586086



Active Test For BT

Band	Channel	TRP	EIRP	TIS	EIS
Blue Tooth Band 0	0	4.0	8.6	-89.2	-93.8
	39	4.2	8.5	-88.2	-92.5
	78	5.2	9.5	-89.9	-94.2





Device



*BT
Antenna*

