

Tracker T2000- B 版本 Antenna

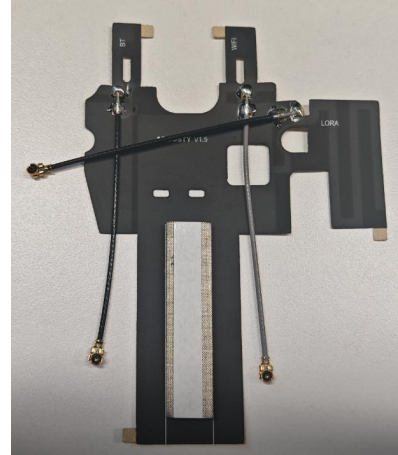
FEATURES & BENEFITS



- Welding RG 1.13 cable, IpeX connector, 3M sticker for easy installation.
- Mounting to: non-conductive surface
- Installation type: adhesive

APPLICATIONS

- IoT Devices
- Smart Cities
- Smart Agriculture
- Consumer Tracking
- Smart Metering
- Smart Agriculture



ORDER INFORMATION

Product Name	Tracker T2000-B 版本 Antenna
Part Number	M01-0401470R0A
Dimensions	93.85x67.38 mm
Color	Black
Mounting	adhesive
Antenna Cable	Default IPEX 1 RF 1.13 black coaxial cable (Ø 1.13 x 62 mm+65mm) , customizable.

REFERENCE GUIDE

Technical Features (MHz)	2400-2500+860-930+2400-2500
Max VSWR	2.5:1@BT+5.5:1@LoRa+4.5:1@WIFI
Max Efficiency	53.62%@BT+17.81%@LoRa+35.08%@WIFI
Peak Gain	1.24dBi@BT+(-4.52)dBi@LoRa+(-0.41)dBi@WIFI
Radiation Pattern	Omnidirectional
Polarization	Linear
Input Impedance	50 Ω
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Relative Humidity	10 to 70%
Material Substance Compliance	RoHS Compliant
Dimensions (L x W x H)	93.85x67.38 mm

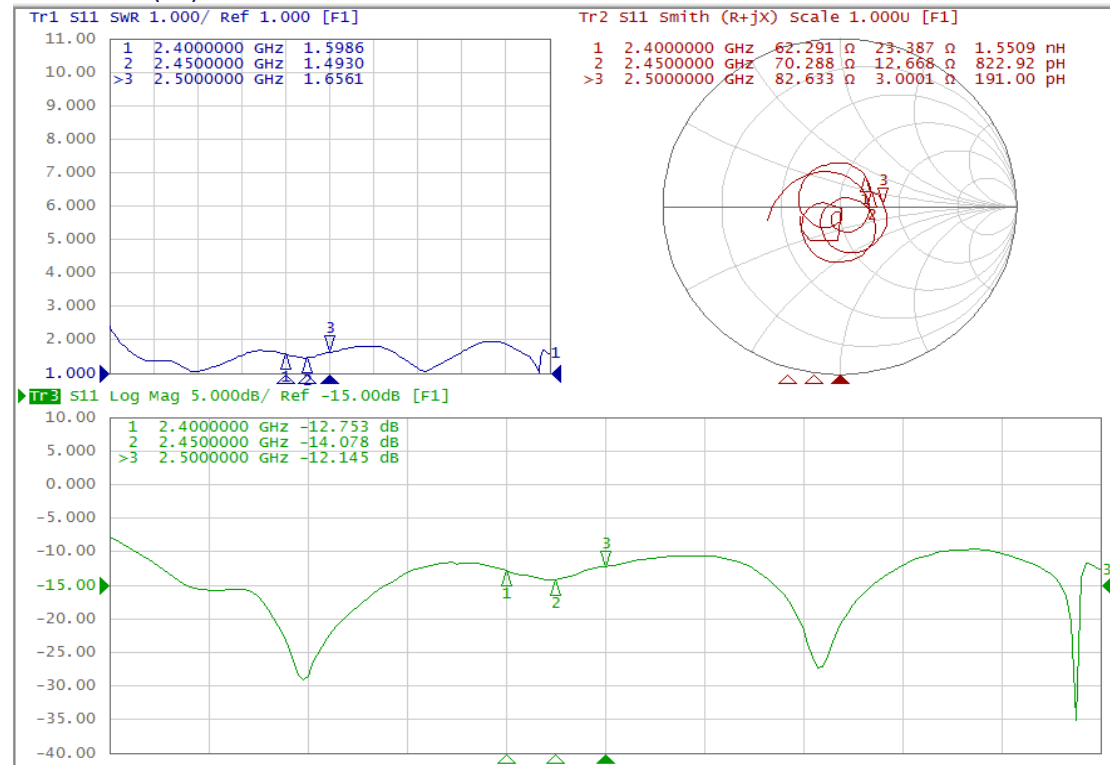
MyAntenna RF Technology Co., Ltd

ADD:No.RM 410, Country Garden Phoenix Wisdom Valley, No. 50 Tiezai Road, Baoan District, Shenzhen, P.R.China.

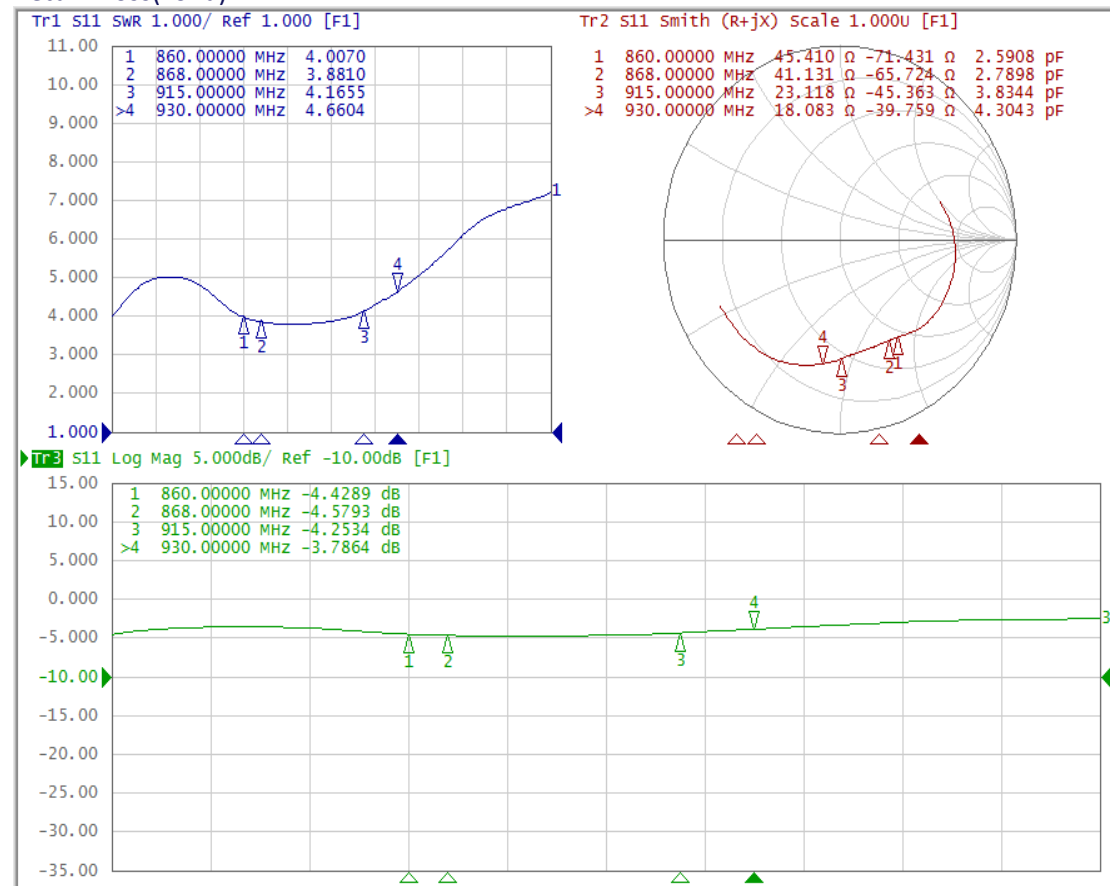
TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: nfc@imyantenna.com

ELECTRICAL PERFORMANCE

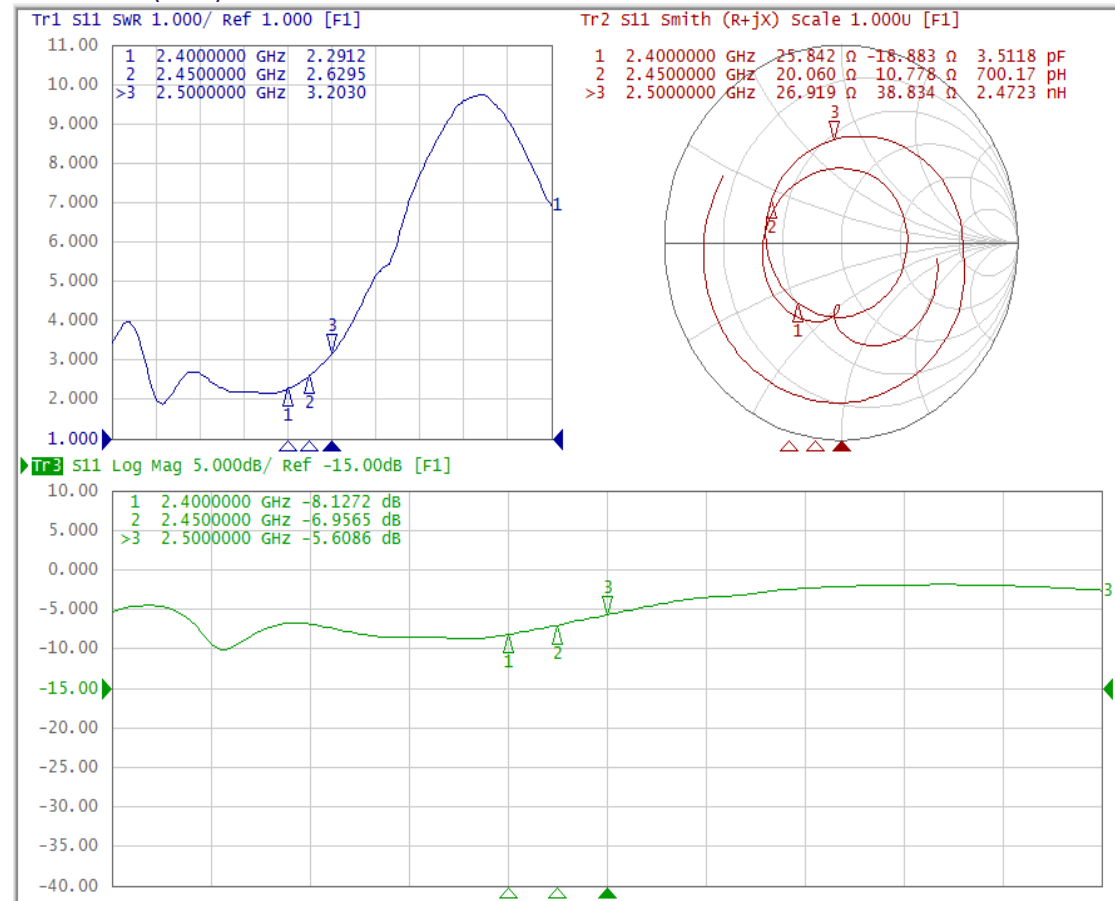
Return Loss(BT)



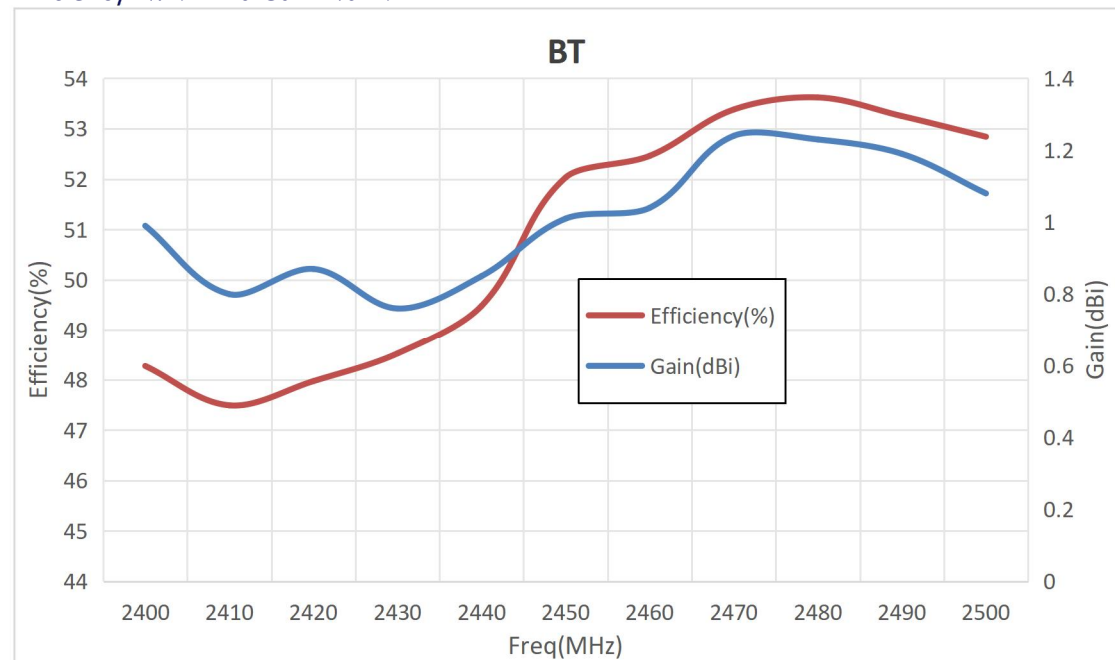
Return Loss(LoRa)

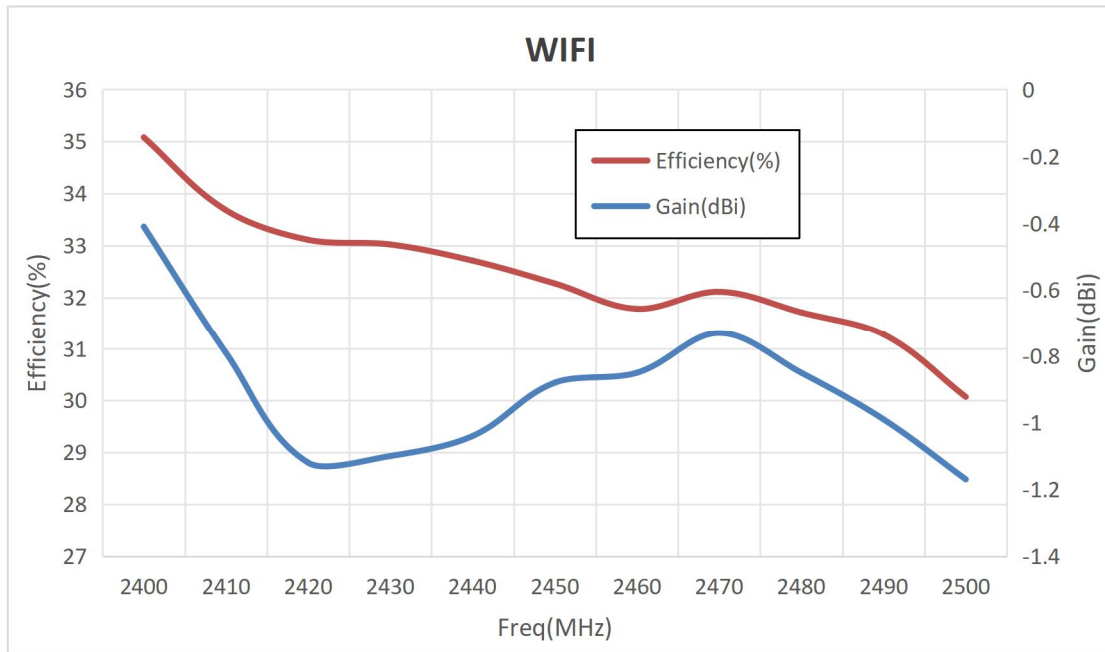
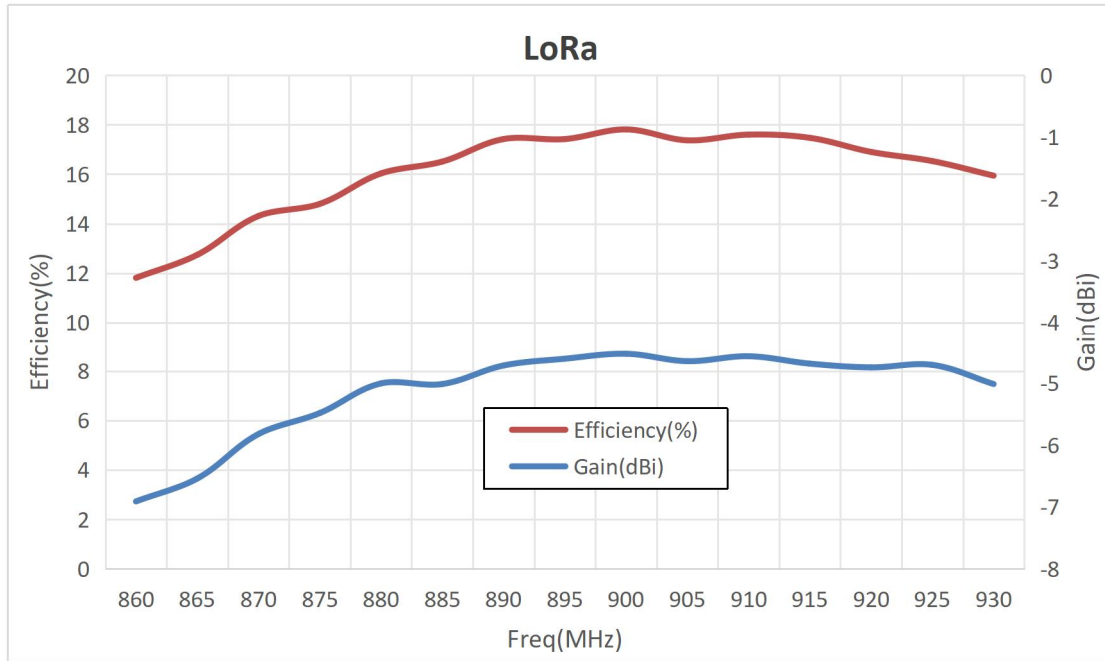


Return Loss(WIFI)



Efficiency (%) And Gain (dBi)





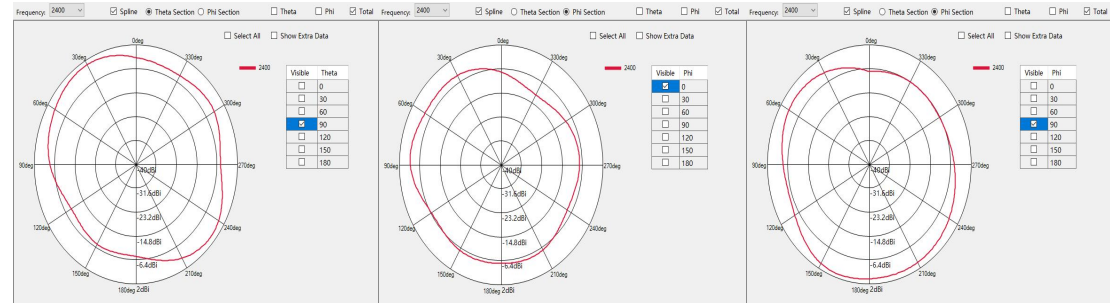
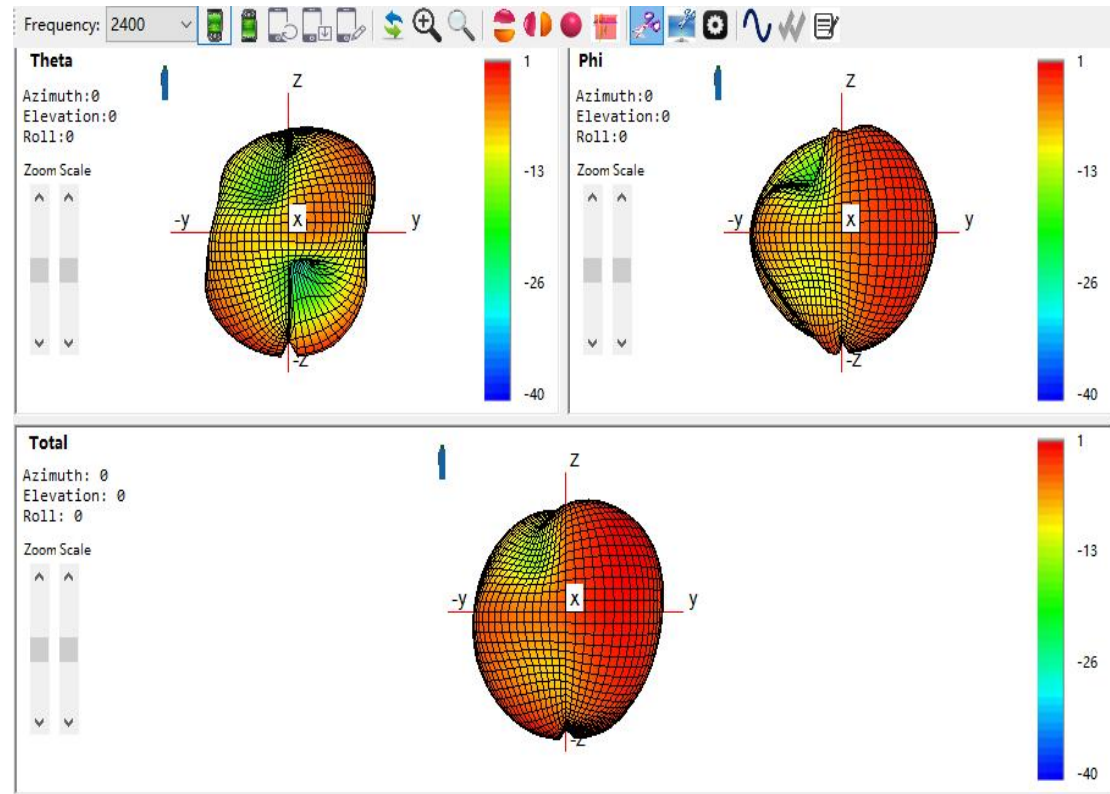
BT		
Freq(M Hz)	Gain(d Bi)	Efficiency(%)
2400	0.99	48.27
2410	0.8	47.49
2420	0.87	47.97
2430	0.76	48.52
2440	0.85	49.48
2450	1.01	52.03
2460	1.04	52.46
2470	1.24	53.38
2480	1.23	53.62
2490	1.19	53.25
2500	1.08	52.84

LoRa		
Freq(M Hz)	Gain(d Bi)	Efficiency(%)
860	-6.91	11.81
865	-6.54	12.74
870	-5.82	14.31
875	-5.48	14.8
880	-5	16.03
885	-5.01	16.51
890	-4.71	17.42
895	-4.6	17.42
900	-4.52	17.81
905	-4.64	17.37
910	-4.56	17.6
915	-4.68	17.47
920	-4.74	16.9
925	-4.7	16.53
930	-5.01	15.94

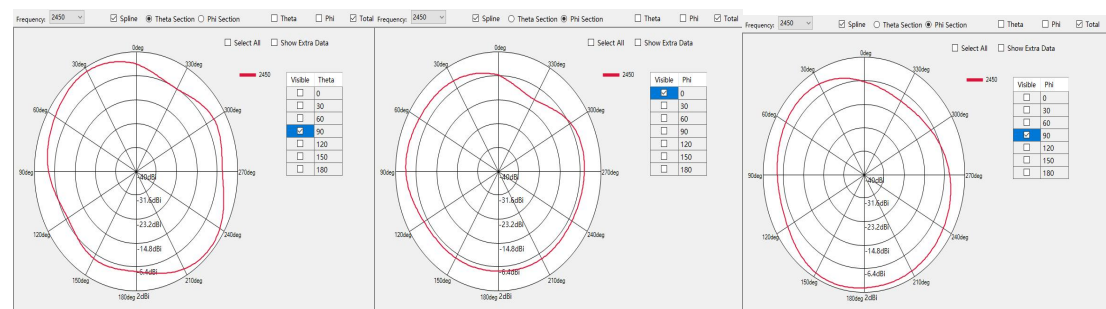
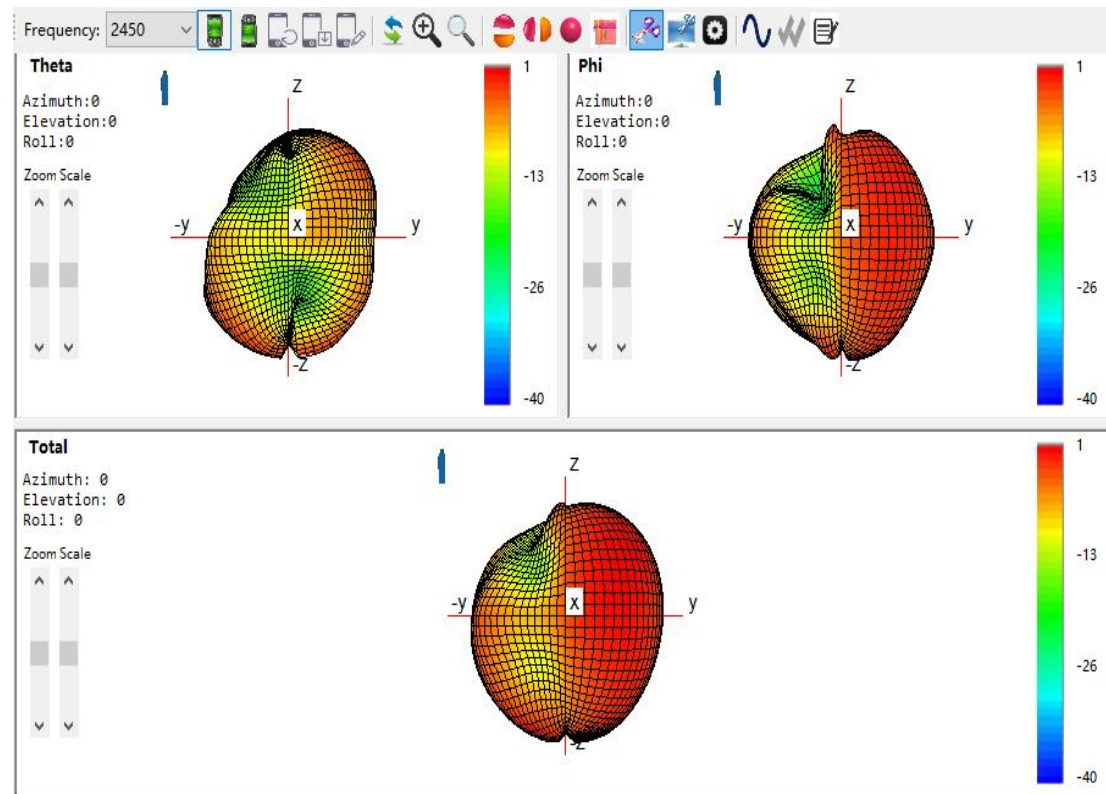
WIFI		
Freq(M Hz)	Gain(d Bi)	Efficiency(%)
2400	-0.41	35.08
2410	-0.79	33.68
2420	-1.12	33.11
2430	-1.1	33.02
2440	-1.04	32.71
2450	-0.88	32.27
2460	-0.85	31.78
2470	-0.73	32.11
2480	-0.85	31.71
2490	-0.99	31.28
2500	-1.17	30.07

RADIATION PATTERNS

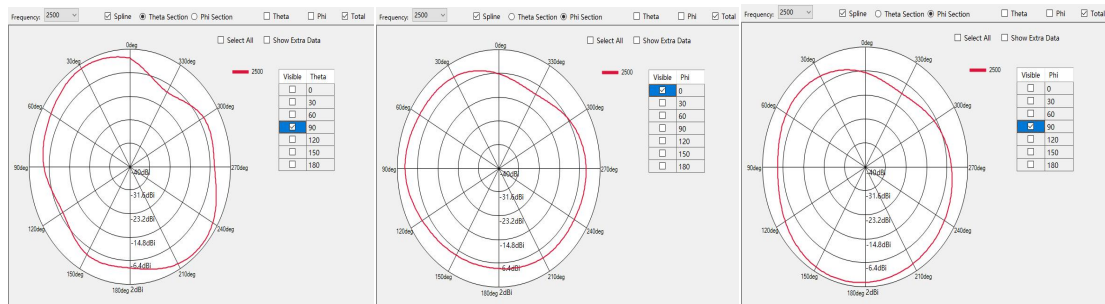
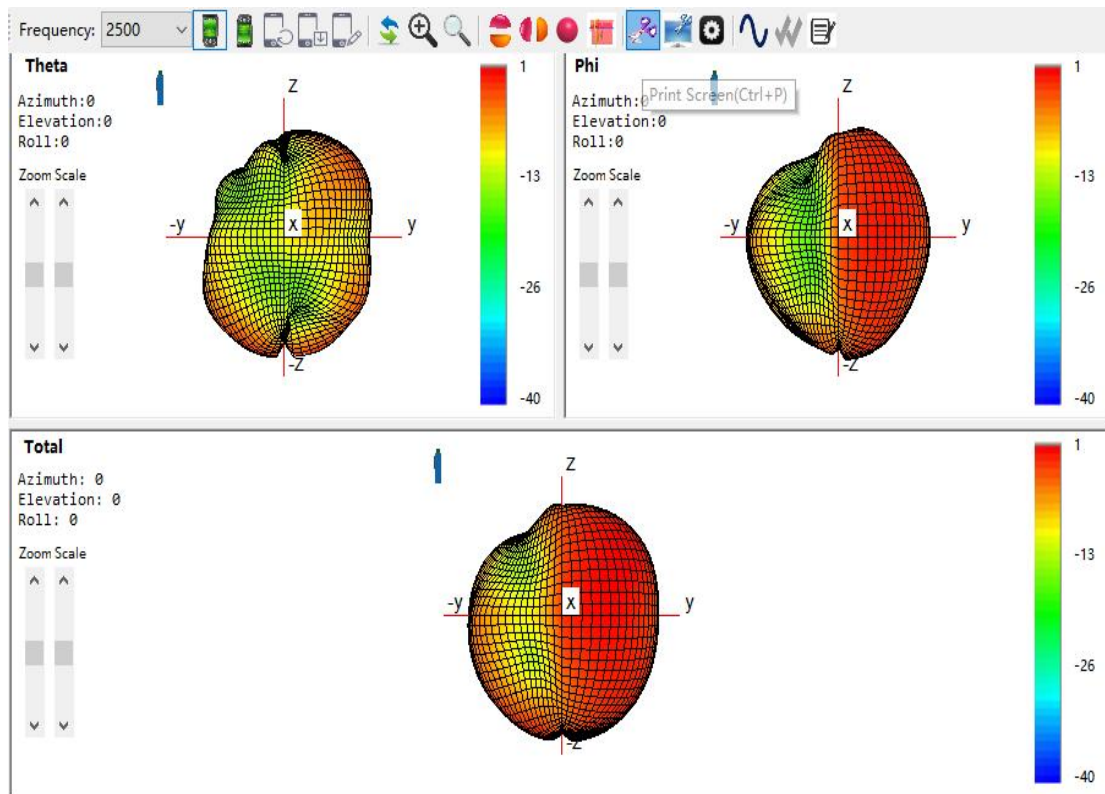
2400MHz Gain=0.99dBi(BT)



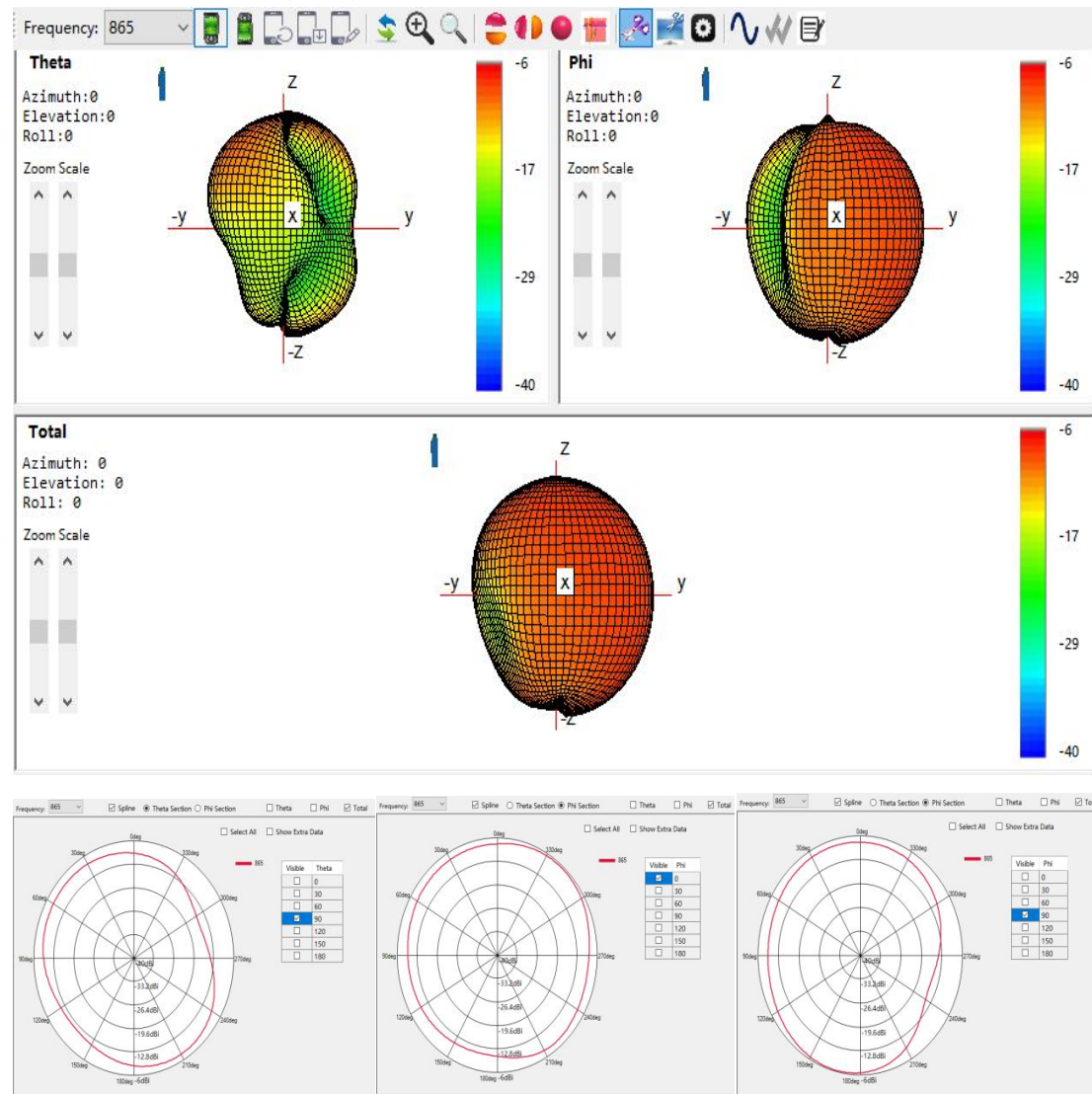
2450MHz Gain=1.01dBi(BT)



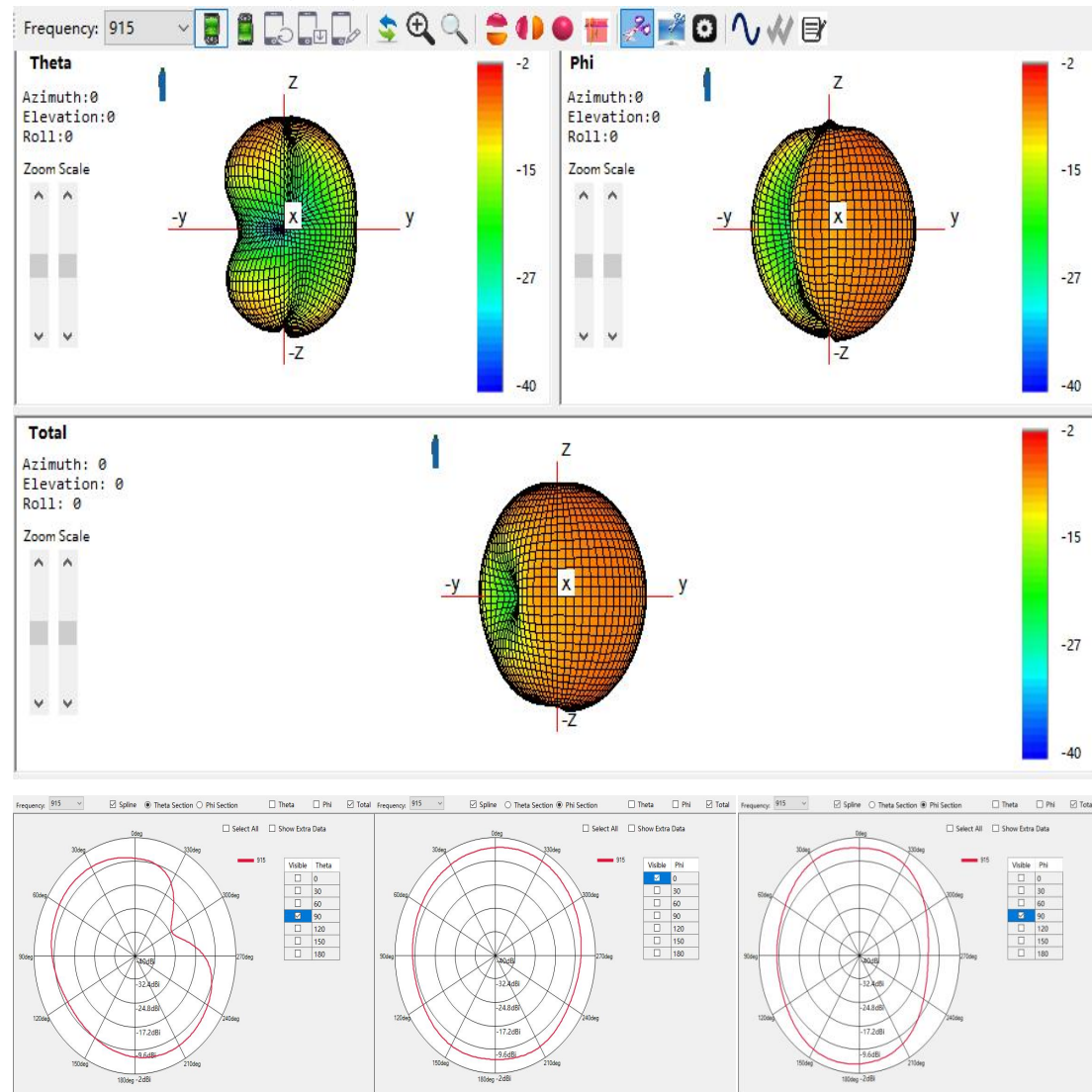
2500MHz Gain=1.08dBi(BT)



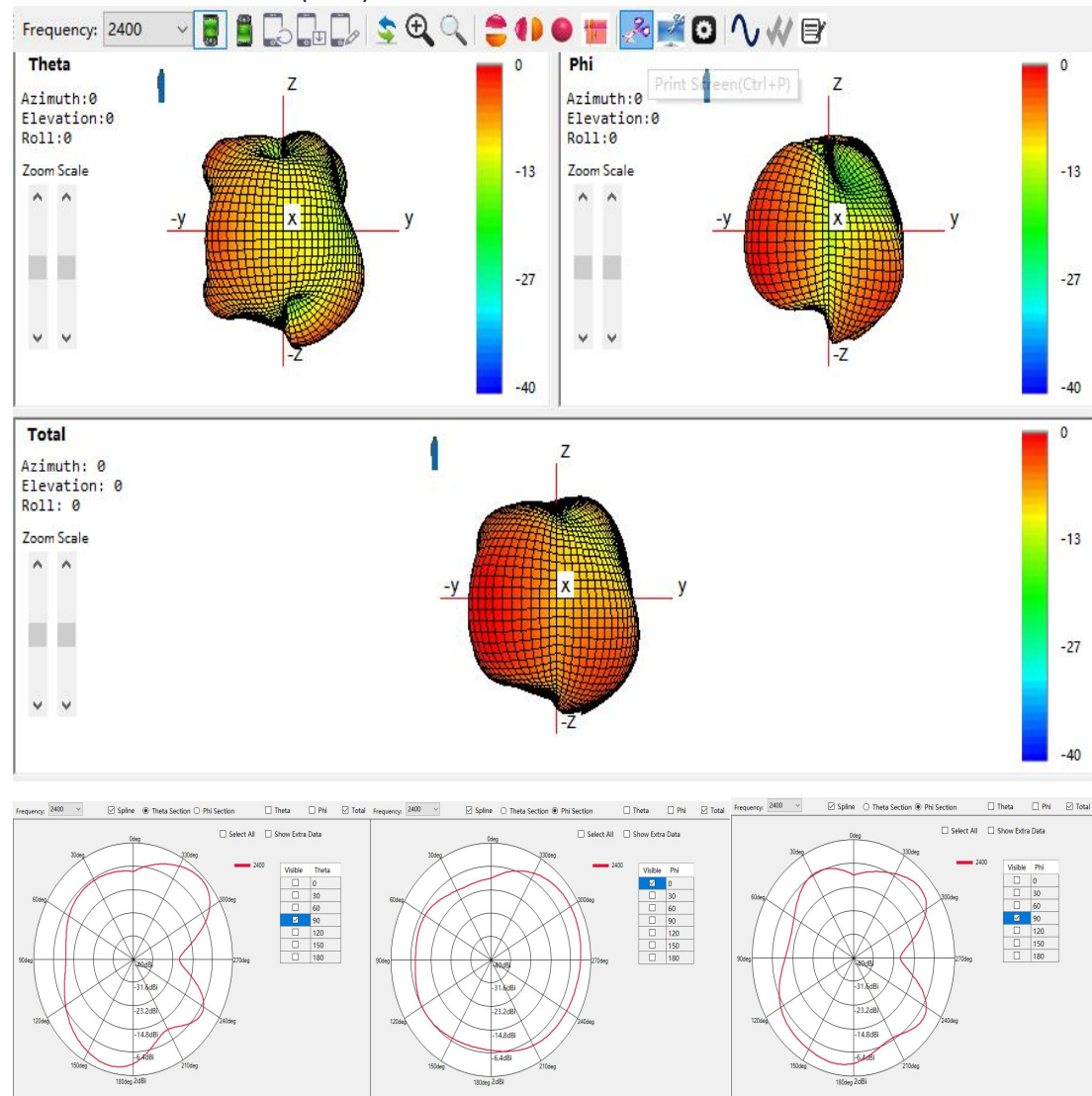
865MHz Gain=-6.54dBi(LoRa)



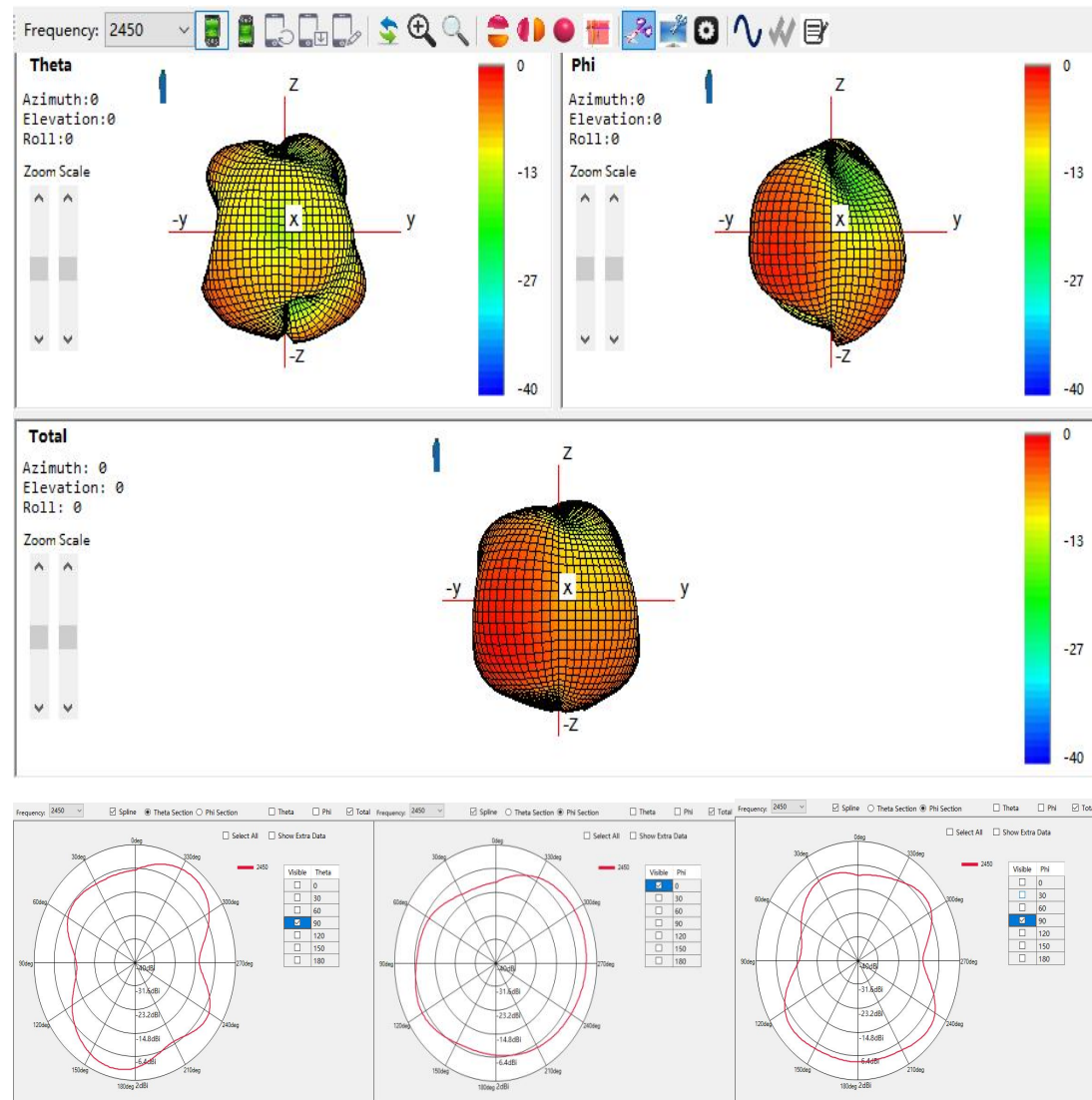
915MHz Gain=-4.68dBi(LoRa)



2400MHz Gain=-0.41dBi(WIFI)



2450MHz Gain=-0.88dBi(BT)



2500MHz Gain=-1.17dBi(BT)

