

reTerminal E1003 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	reTerminal E1003 Antenna
Part Number	M01-0602250R0A
Dimensions	32.5x14.4mm
Weight	
Color	Black
Mounting	adhesive
Antenna Cable	Default IPEX 1 RF 1.13 black coaxial cable (Ø 1.13 x 100 mm) , customizable.

REFERENCE GUIDE

Technical Features (MHz)	2400-2500
Max VSWR	2.5:1
Max Efficiency	49.72%
Peak Gain	3.55dBi
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)	32.5x14.4mm

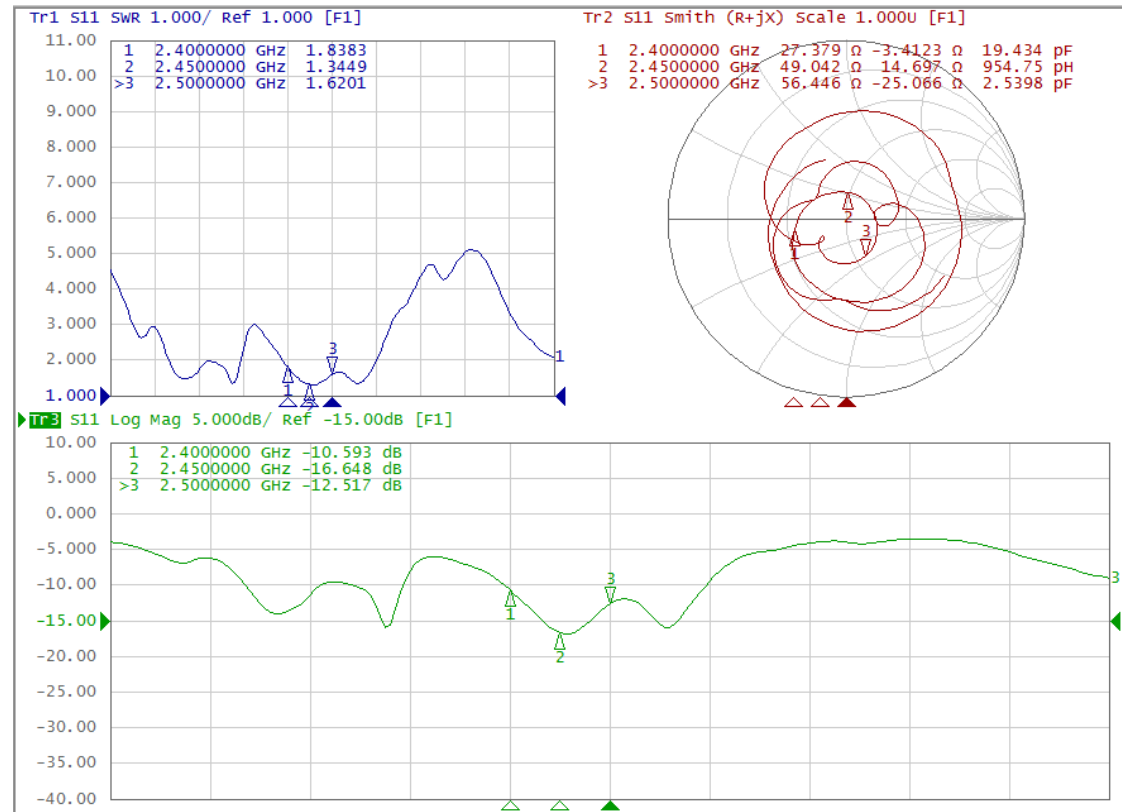
MyAntenna RF Technology Co., Ltd

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

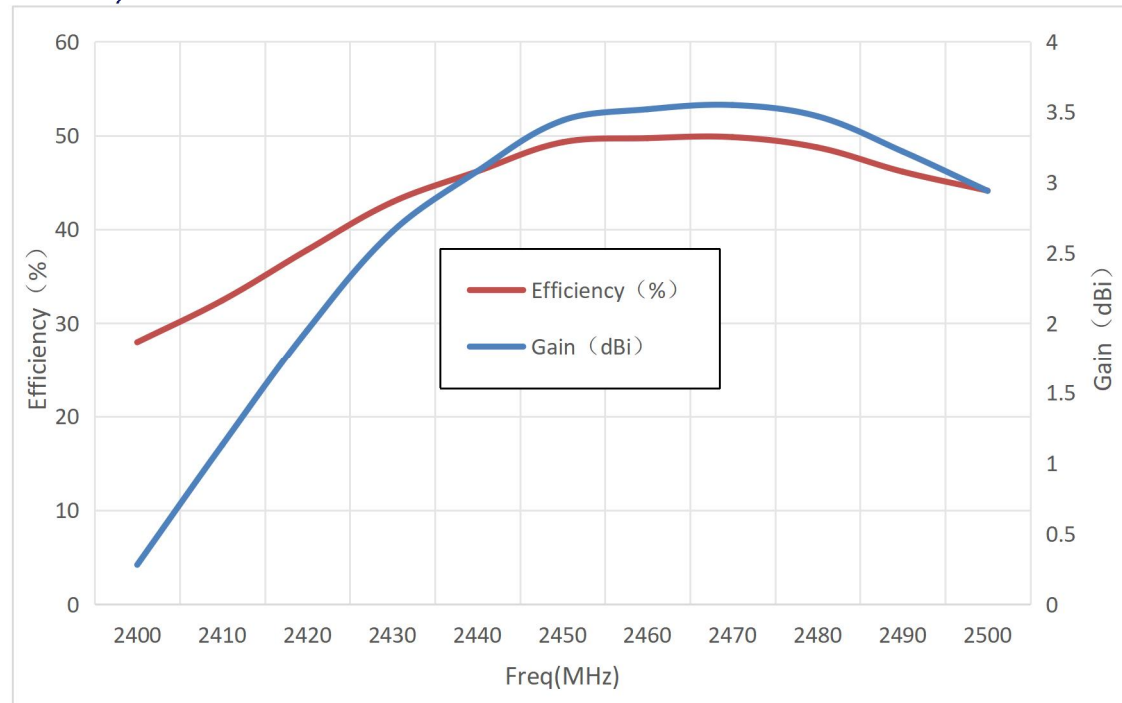
TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: nfc@myantenna.com

ELECTRICAL PERFORMANCE

Return Loss

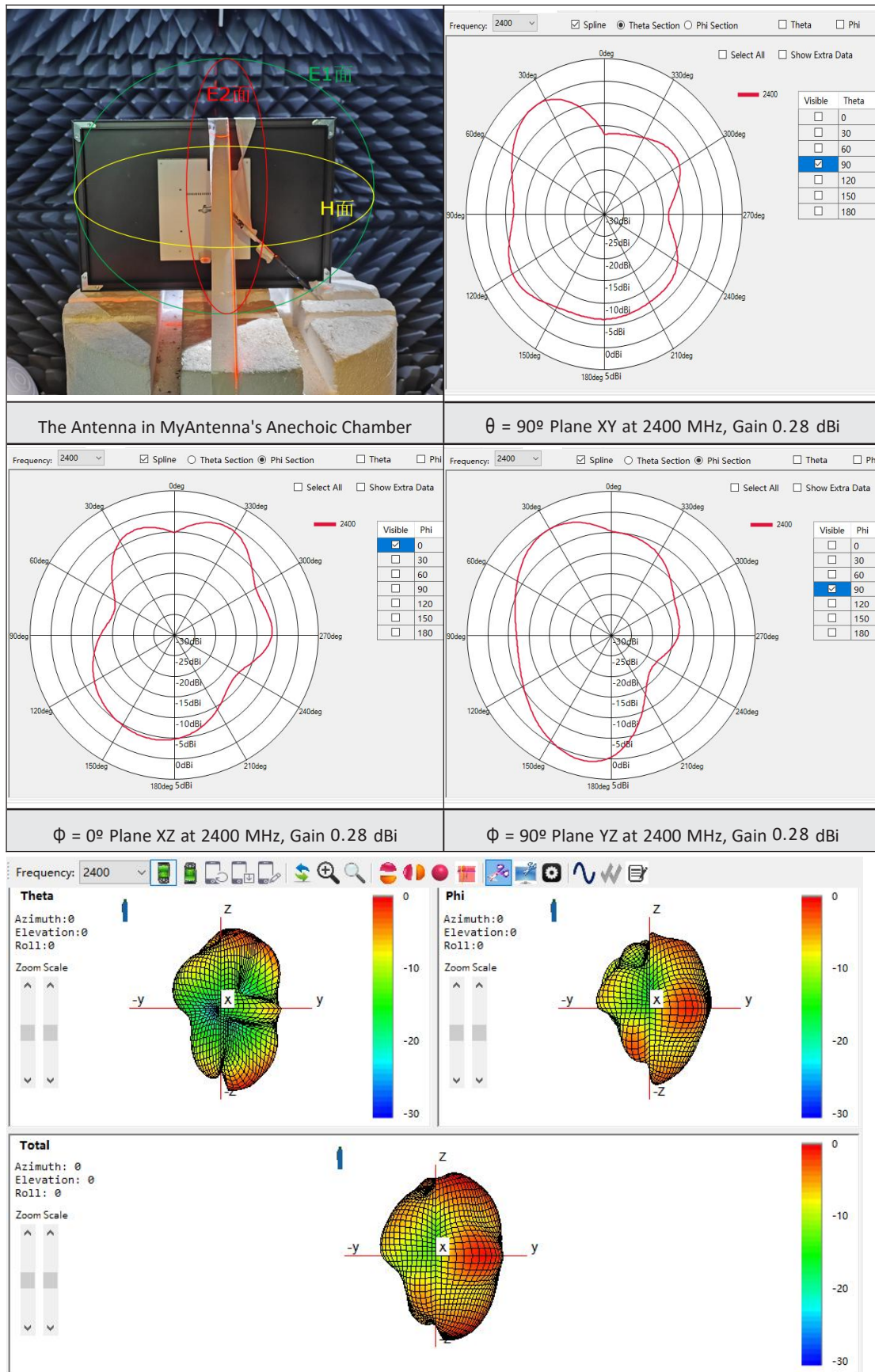


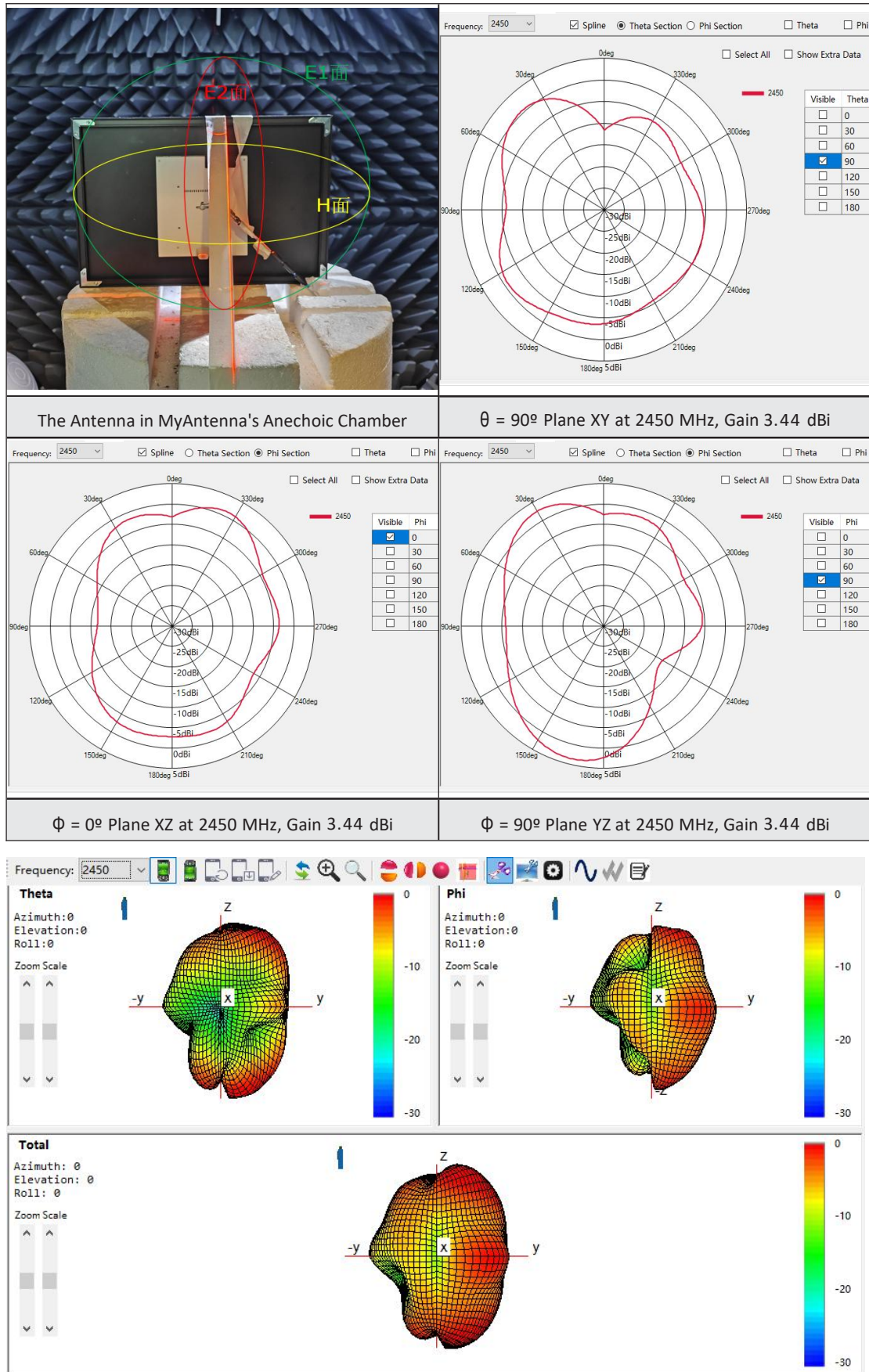
Efficiency (%) And Gain (dBi)

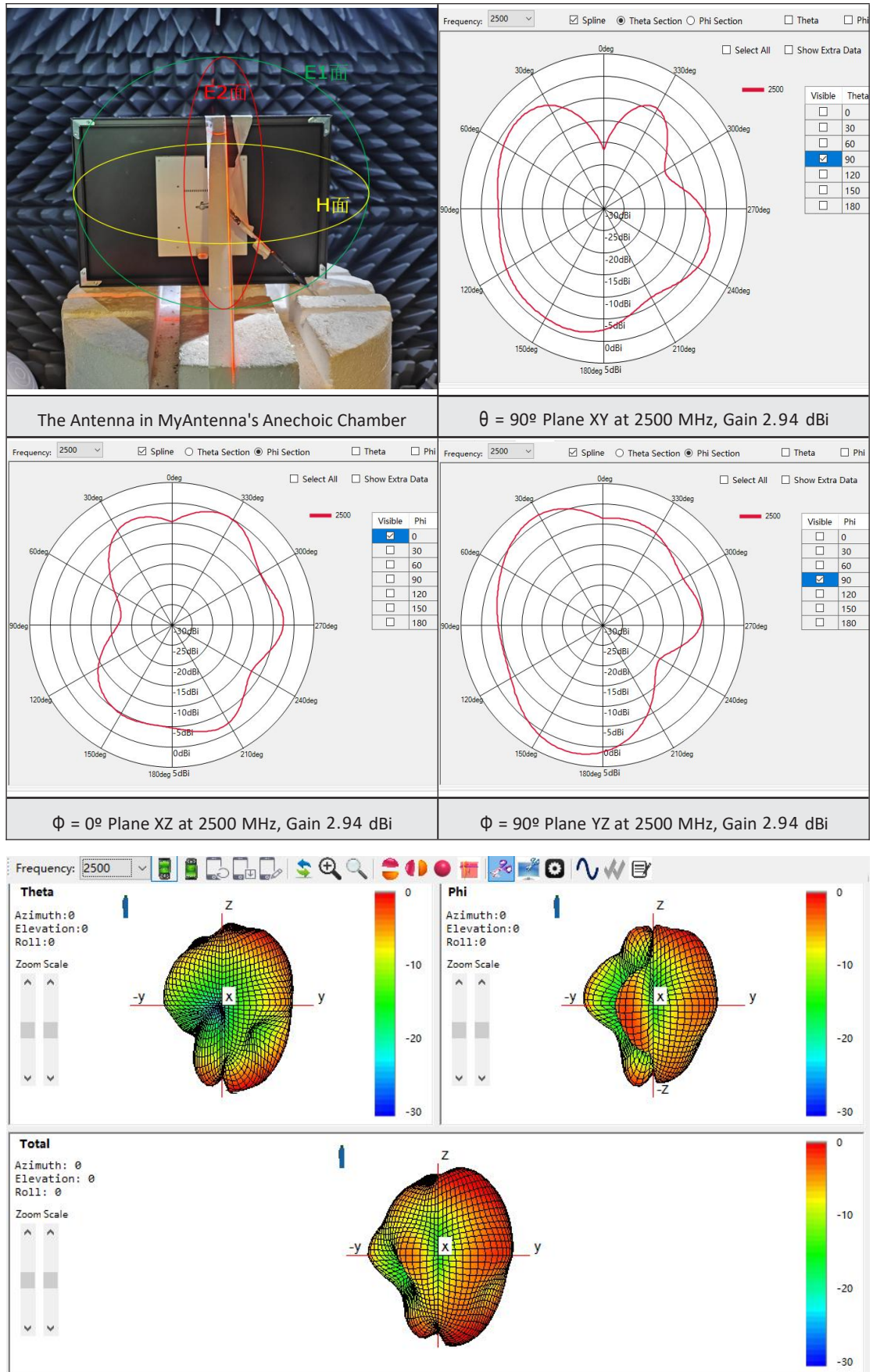


Freq(MHz)	Gain (dBi)	Efficiency (%)
2400	0.28	27.97
2410	1.13	32.43
2420	1.95	37.81
2430	2.65	42.91
2440	3.08	46.18
2450	3.44	49.28
2460	3.52	49.72
2470	3.55	49.83
2480	3.47	48.73
2490	3.22	46.15
2500	2.94	44.13

RADIATION PATTERNS







HOUSING CONFIGURATIONS

