

2.4G 35.2x8.5 L50CM4 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	2.4G 35.2x8.5 L50CM4 Antenna
Part Number	M01-0602150R0A
Dimensions	35.2 x 8.5 mm
Weight	0.28 g
Color	Black
Mounting	adhesive
Antenna Cable	Default IPEX 4 RF 0.81 black coaxial cable (Ø 0.81 x 50 mm) , customizable.

REFERENCE GUIDE

Technical Features (MHz)	2400-2500
Max VSWR	2.0:1
Max Efficiency	67.62%
Peak Gain	1.86dBi
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)	35.2x 8.5mm

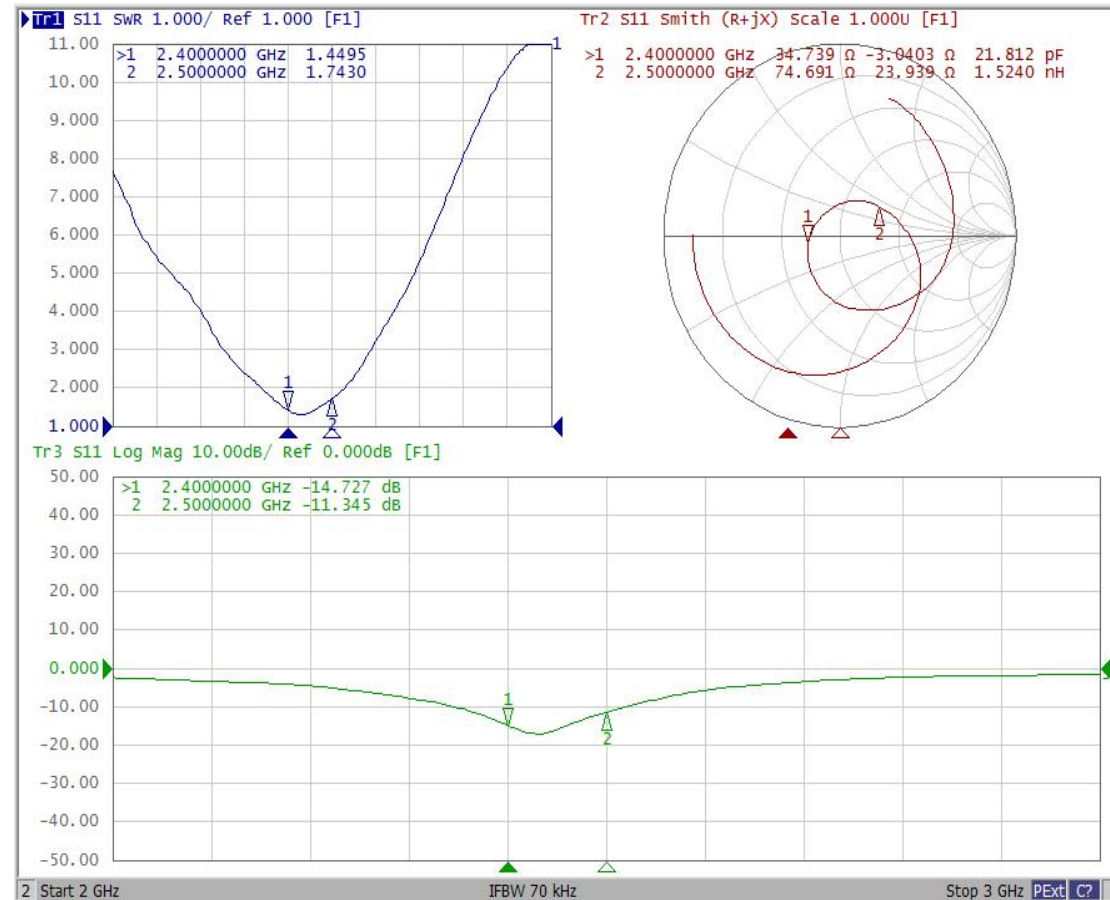
MyAntenna RF Technology Co., Ltd

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

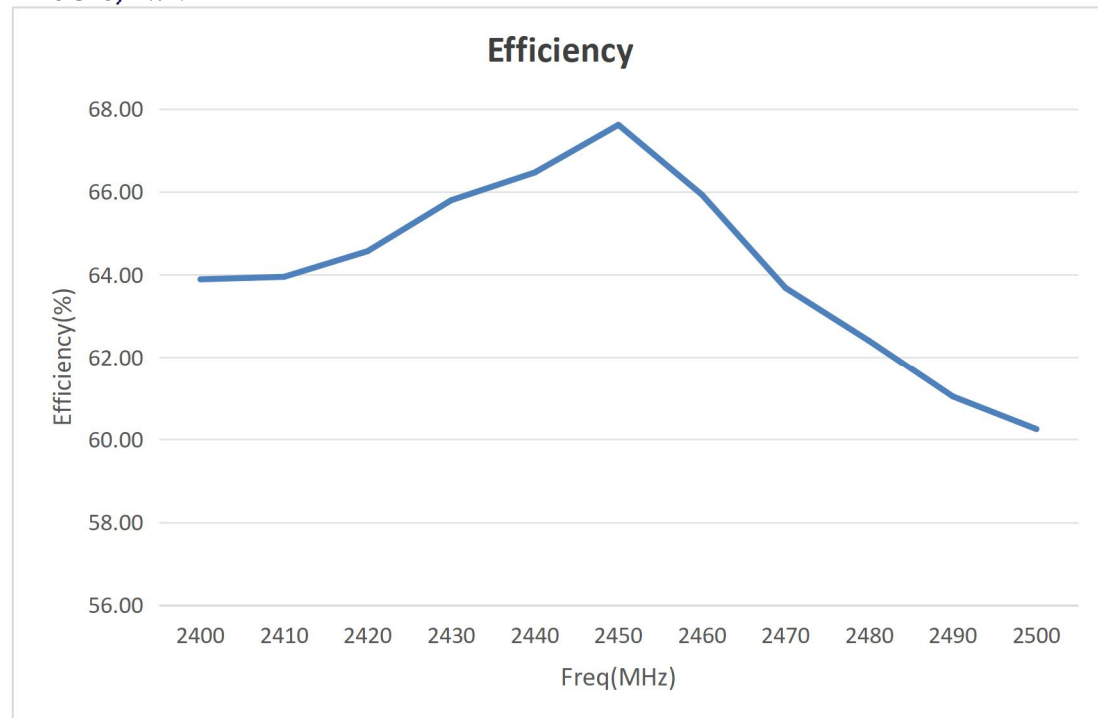
TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: nfc@myantenna.com

ELECTRICAL PERFORMANCE

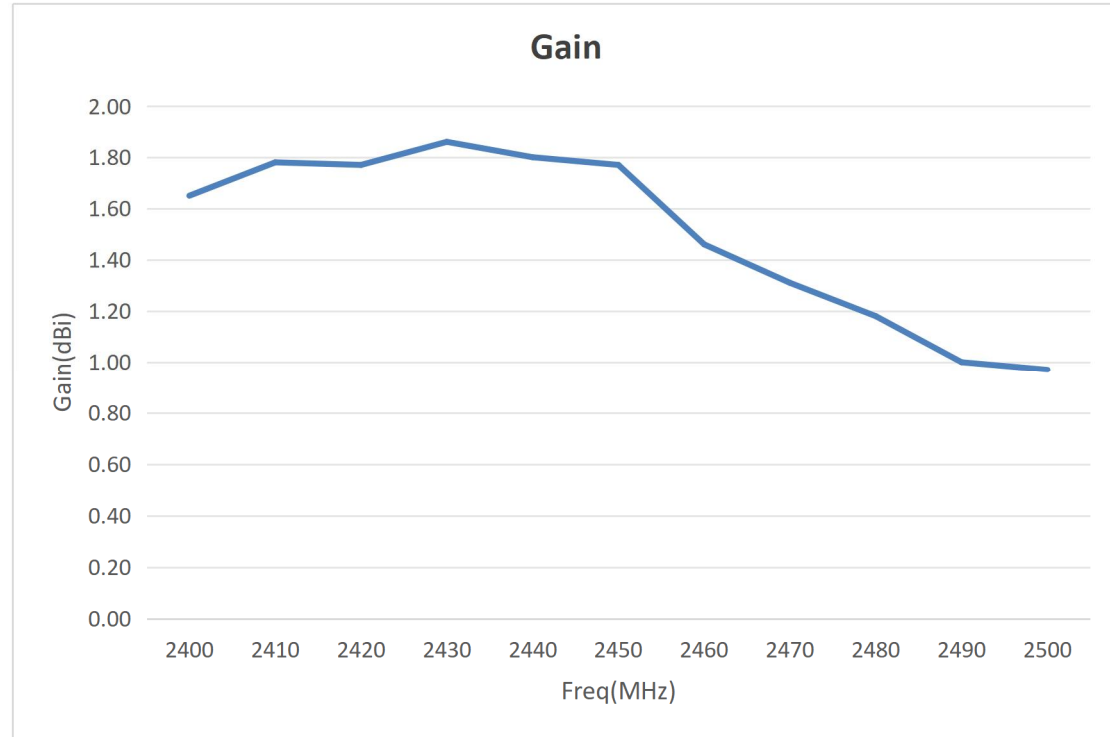
Return Loss



Efficiency (%)



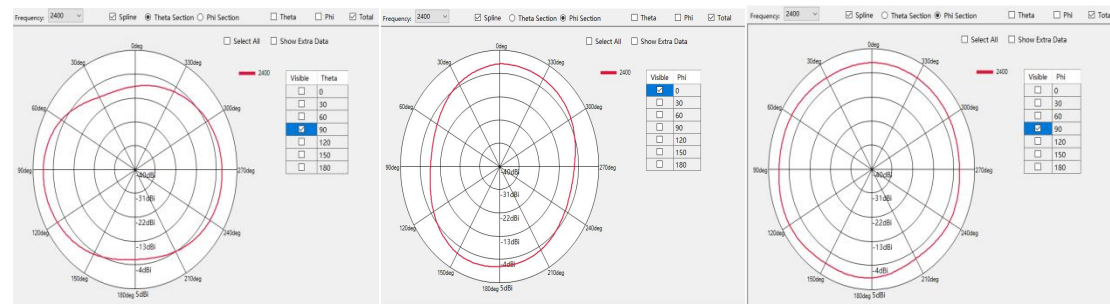
Peak Gain (dBi)



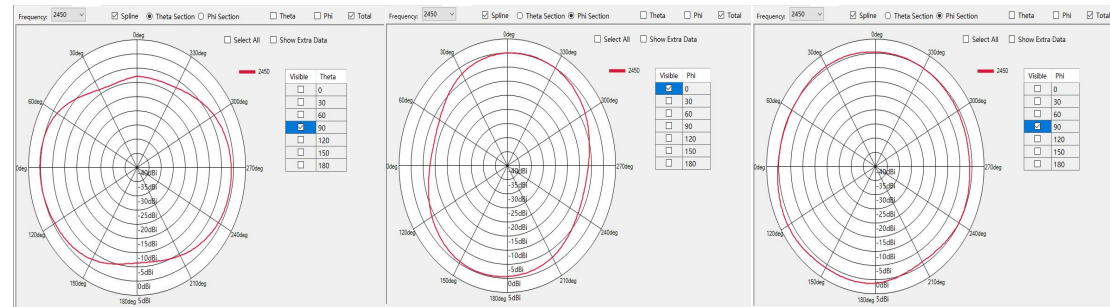
Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	1.65	63.89
2410	1.78	63.95
2420	1.77	64.57
2430	1.86	65.80
2440	1.80	66.47
2450	1.77	67.62
2460	1.46	65.93
2470	1.31	63.68
2480	1.18	62.40
2490	1.00	61.04
2500	0.97	60.25

RADIATION PATTERNS

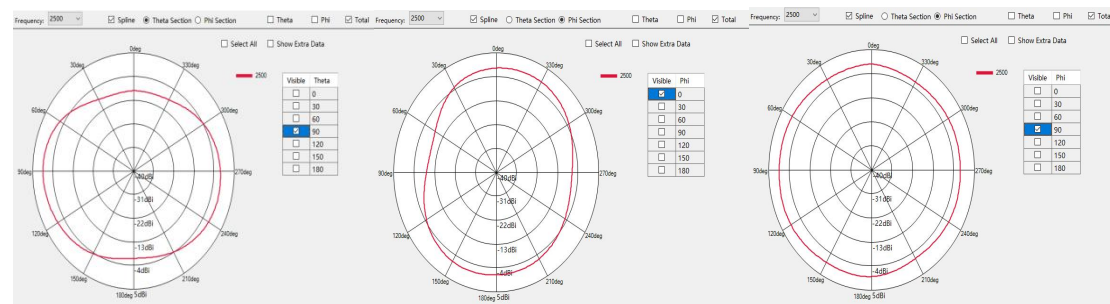
2D Radiation Pattern at 2400MHz



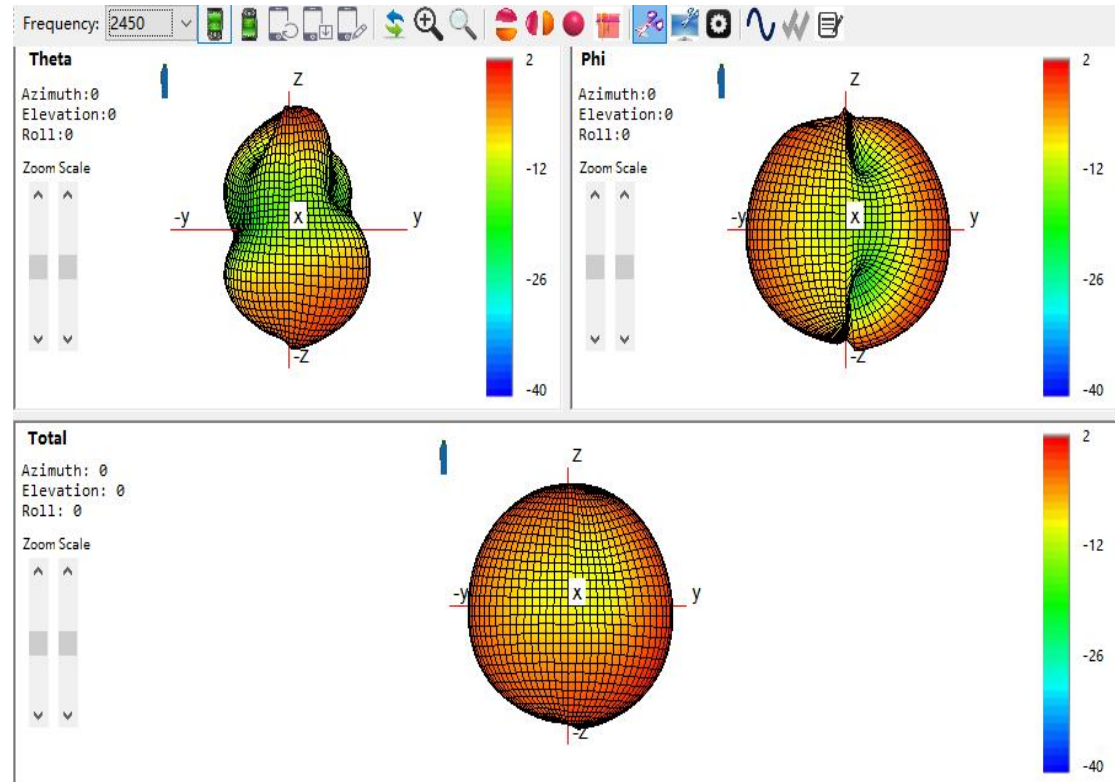
2D Radiation Pattern at 2450MHz



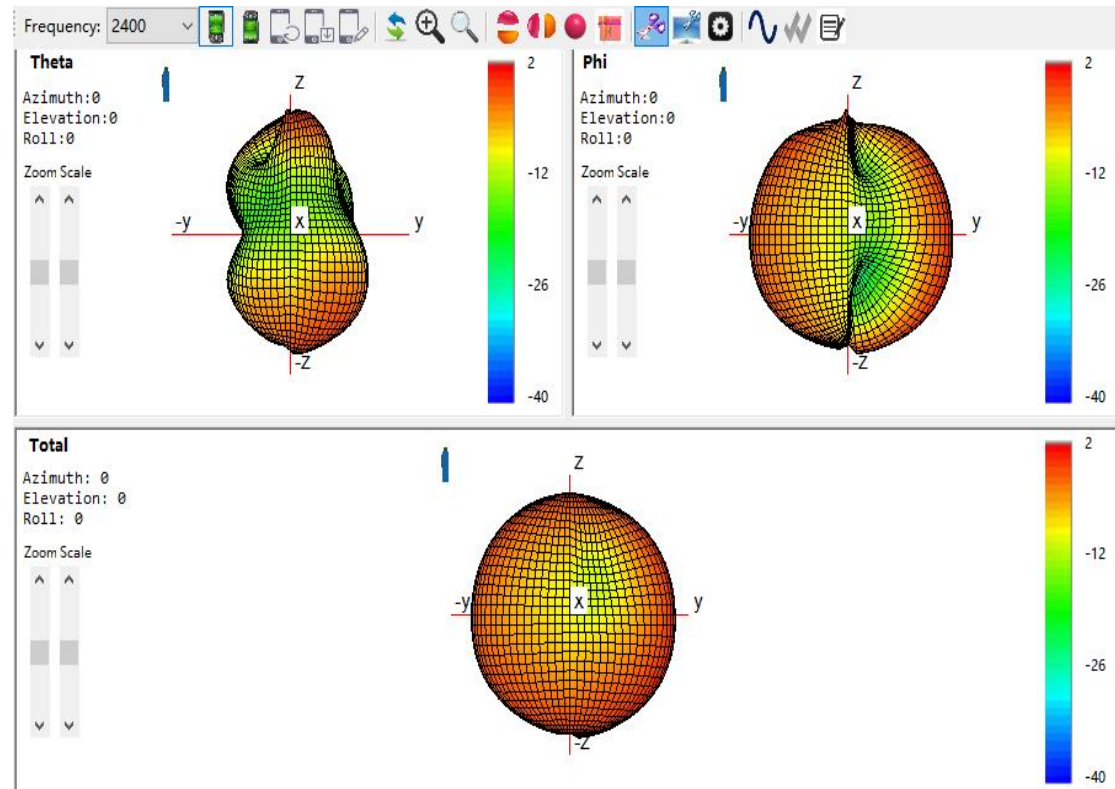
2D Radiation Pattern at 2500MHz



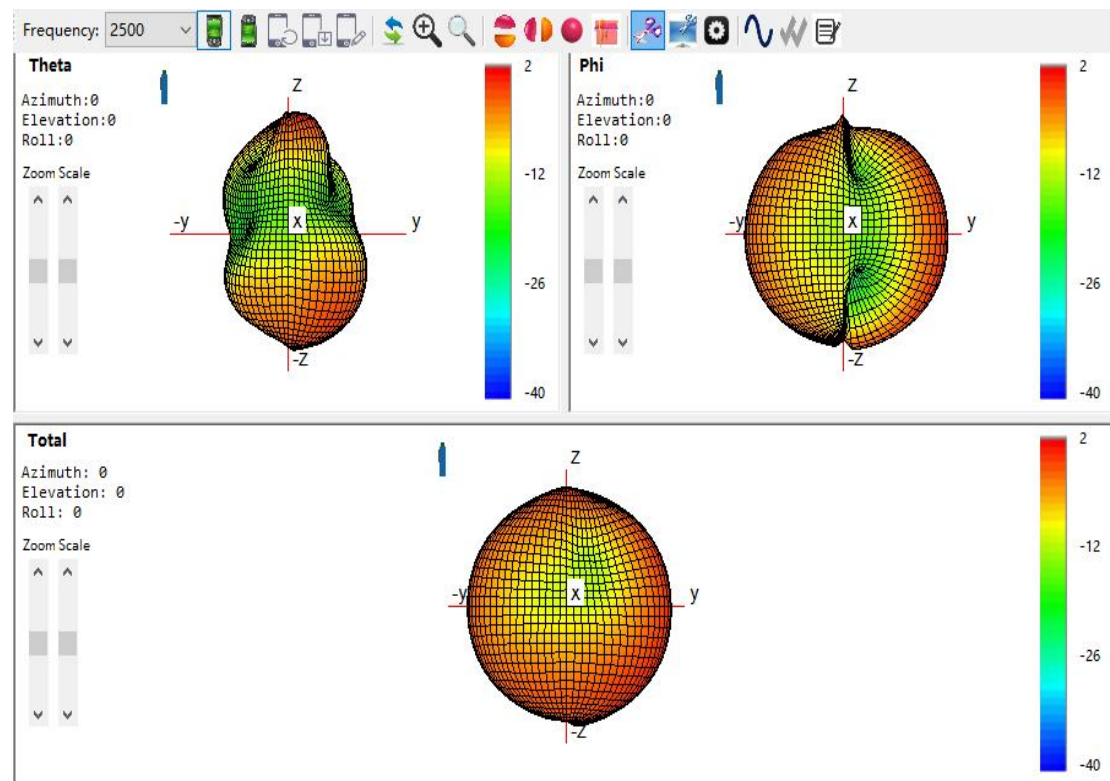
3D Radiation Pattern at 2400MHz



3D Radiation Pattern at 2450MHz



3D Radiation Pattern at 2500MHz



HOUSING CONFIGURATIONS

