

VBM90E Copper Tube Antenna

PRODUCTS

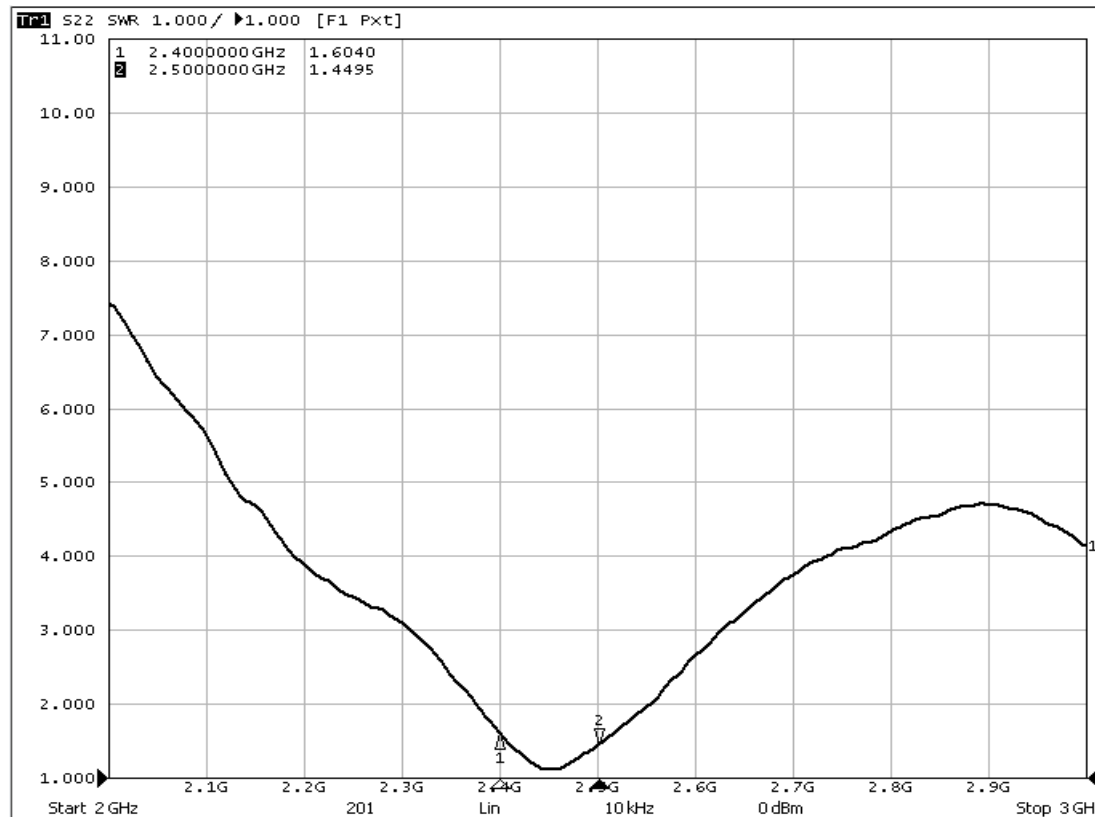
Part No.	Dimensions	Connector	Color
M01-0601490R0A	Φ 4.5*87.1mm	IPX1	Black

SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Bands, MHz	2400-2500
VSWR (Max)	3.0:1
Peak Gain, dBi (Typ)	Up to 3.56
Peak Efficiency	Up to 71.44%
Nominal Impedance	50 Ω
Max Power (ambient temp of 25°C)	10 Watts
Azimuth Beam Width (deg)	Omnidirectional
Polarization	Linear, Omnidirectional
Color	Black
Storage Temperature Range (°C)	-40° C to +85° C
Operational Temperature Range (°C)	-40° C to +85° C
Material Substance Compliance	RoHS Compliant

ELECTRICAL DATA

V.S.W.R

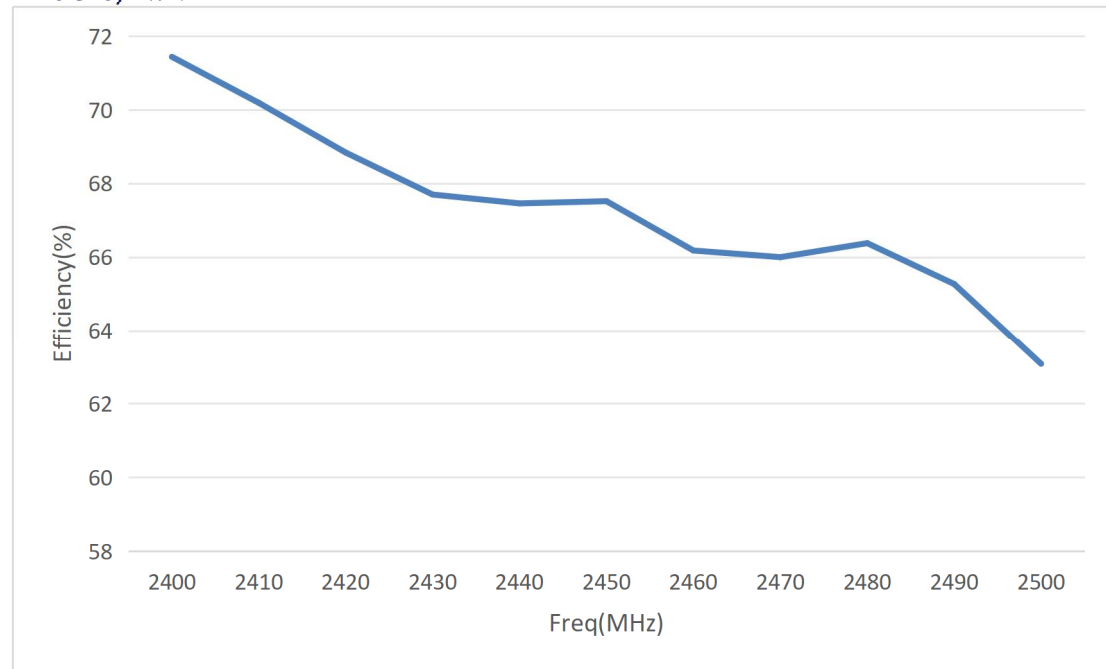


MyAntenna RF Technology Co., Ltd

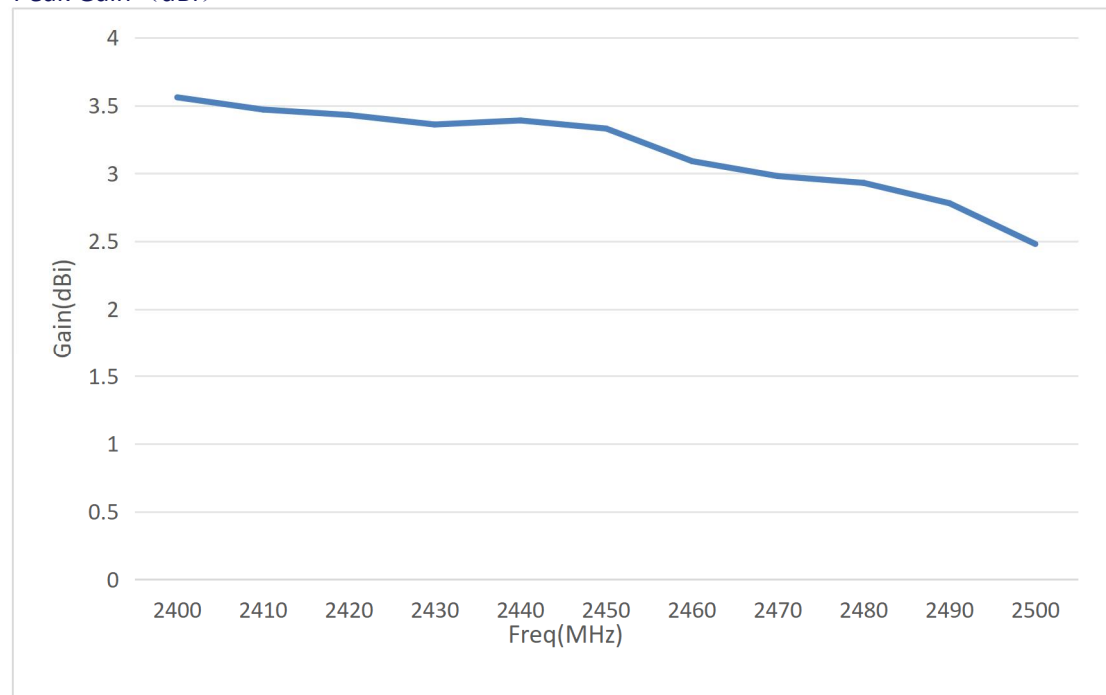
ADD: Room 410, Building A, Fenghuang Zhigu, No. 50 Tiezi Road, Gongle Community, Xixiang Street, Baoan District, Shenzhen

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

Efficiency (%)

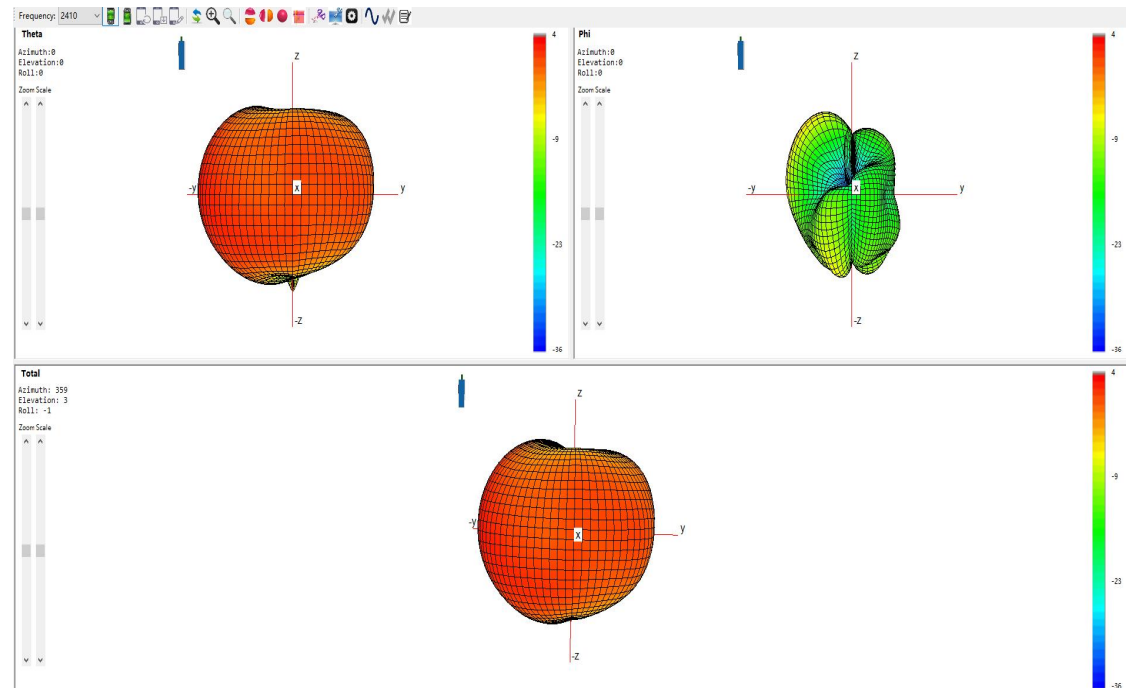


Peak Gain (dBi)

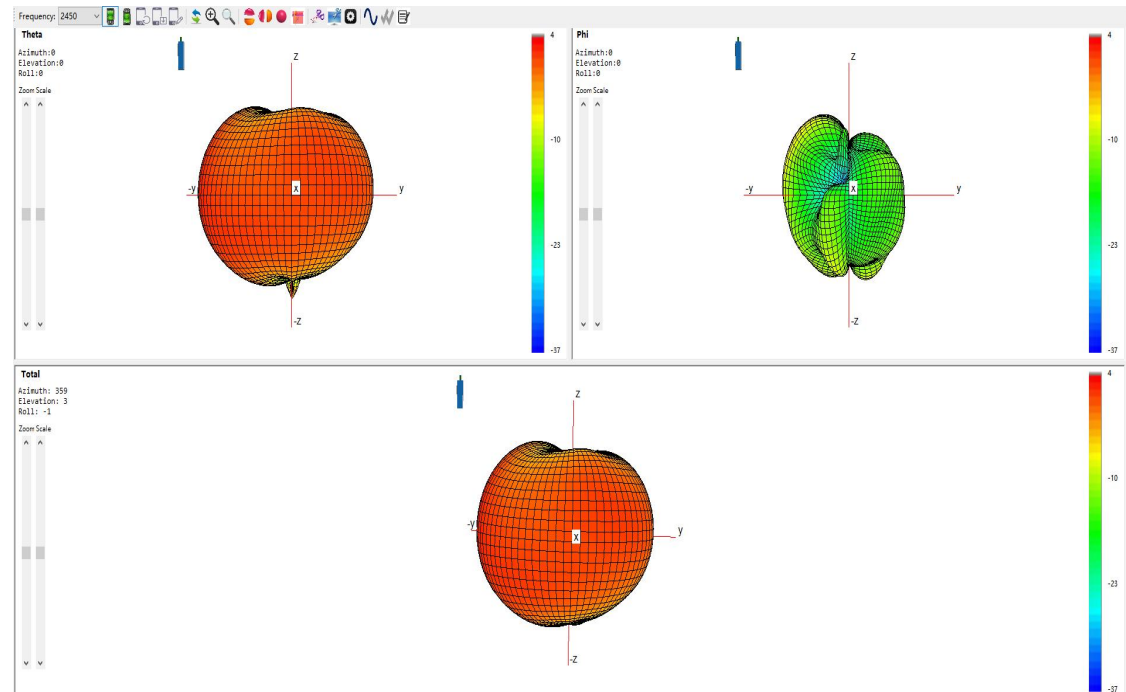


RADIATION PATTERNS

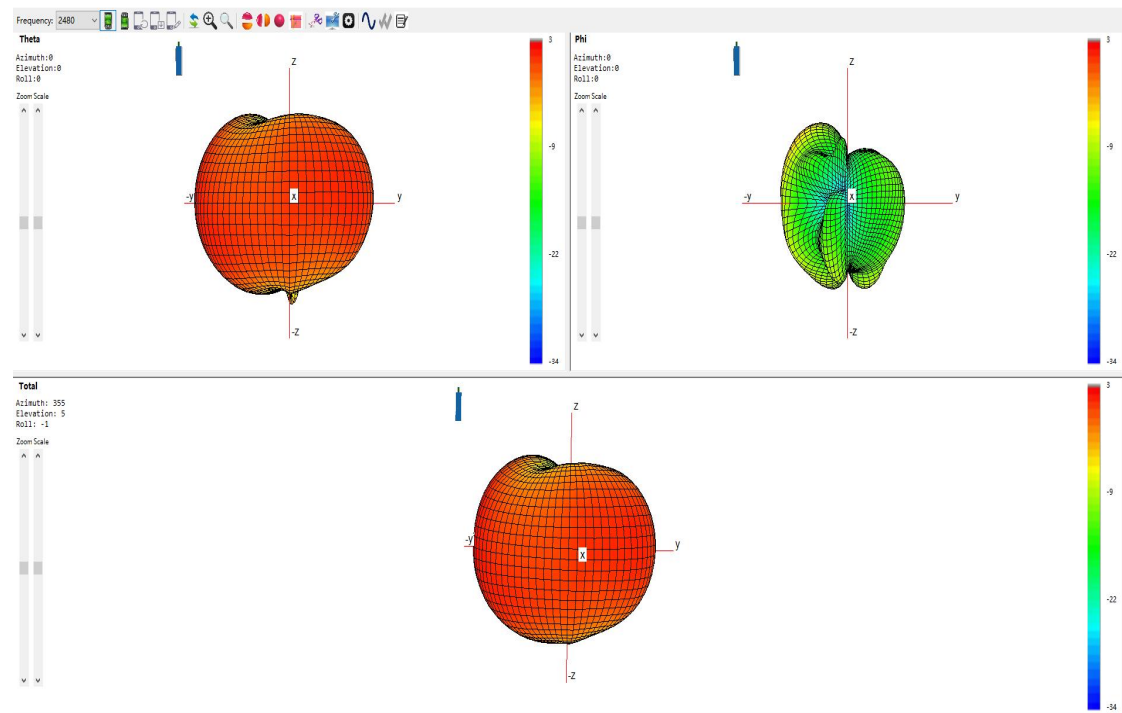
3D Radiation Pattern at 2410MHz Gain=3.47dBi



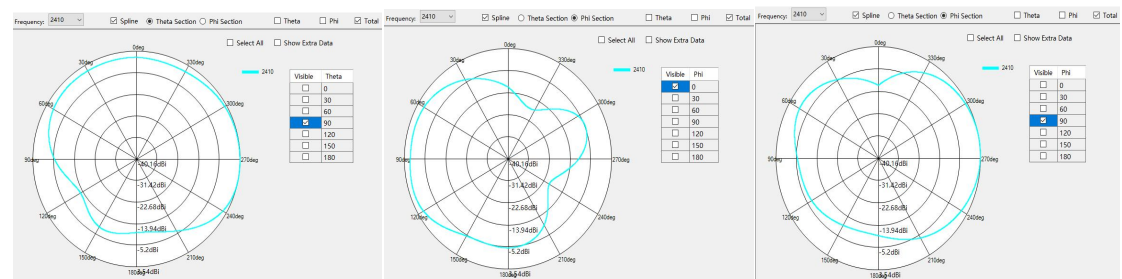
3D Radiation Pattern at 2450MHz Gain=3.33dBi



3D Radiation Pattern at 2480MHz Gain=2.93dBi



2D Radiation Pattern at 2410MHz Gain=3.47dBi

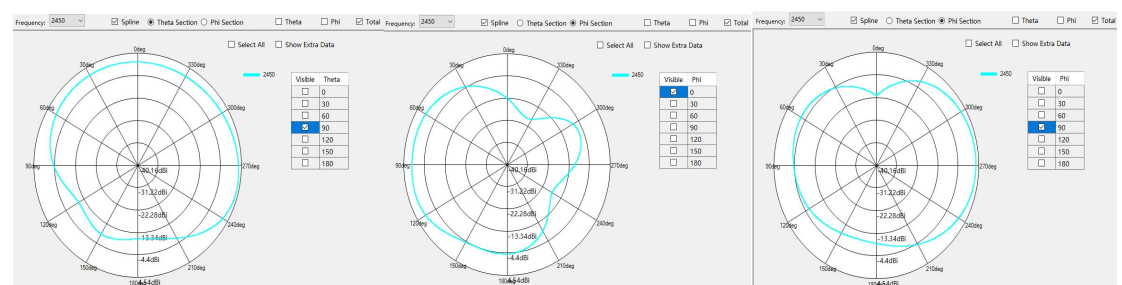


H 面

E1 面

E2 面

2D Radiation Pattern at 2450MHz Gain=3.33dBi

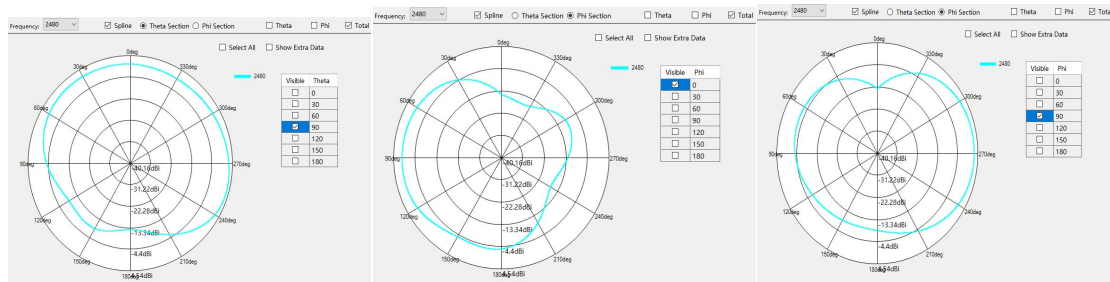


H 面

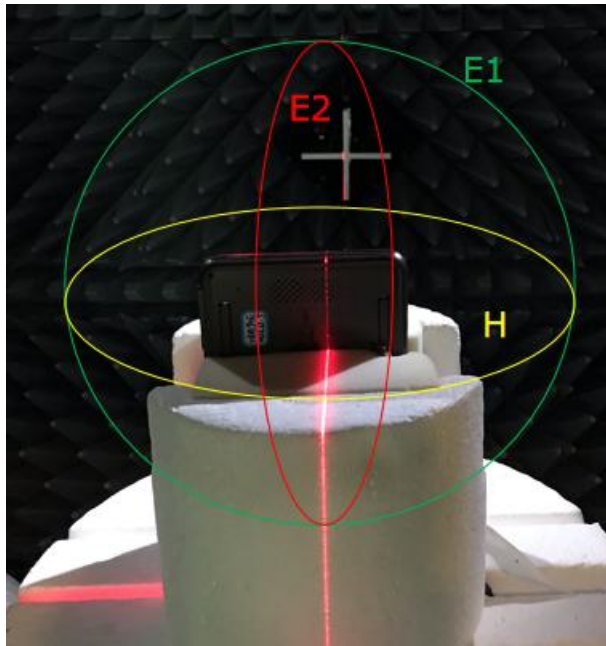
E1 面

E2 面

2D Radiation Pattern at 2480MHz Gain=2.93dBi



DARKROOM TEST COORDINATE DIAGRAM



HOUSING CONFIGURATIONS

