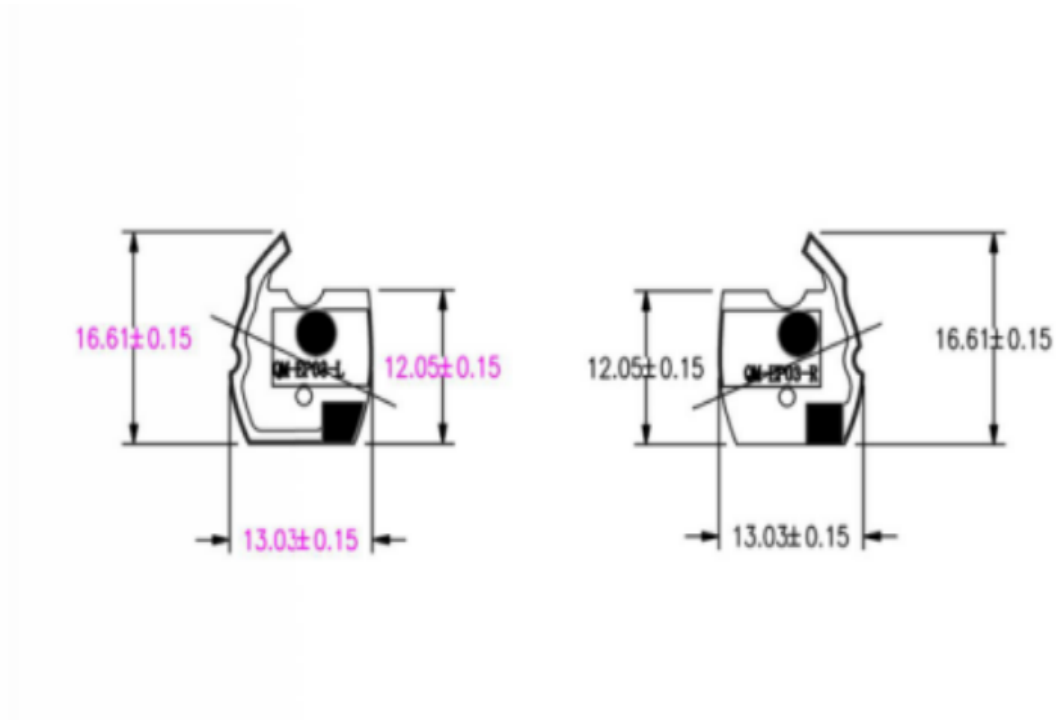


Antenna Specification

PART NO.: 2.4G_FPC_WEE_035



Electrical specifications

Frequency range(MHz)	2400-2500
Polarization	Vertical
Antenna Type	FPC Antenna
Gain(dBi)	2.16
Impedance(Ω)	50
Maximum Input Power(W)	10
VSWR	≤ 1.5 (Center Frequency)

Manufacturer : Hangzhou ZH Tech Co., Ltd.

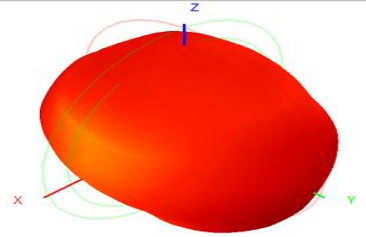
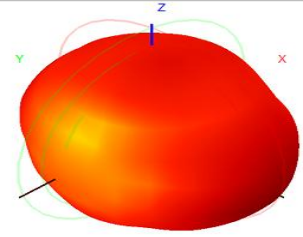
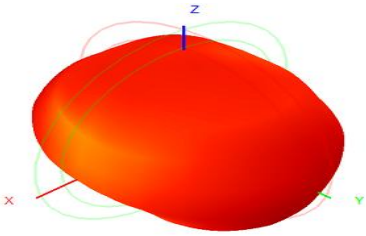
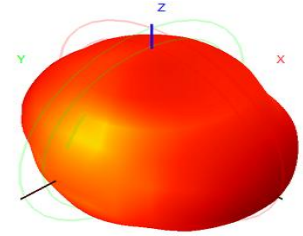
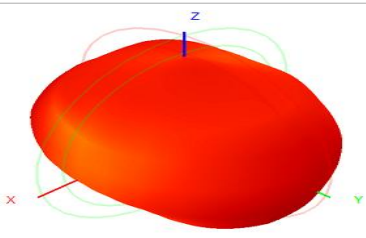
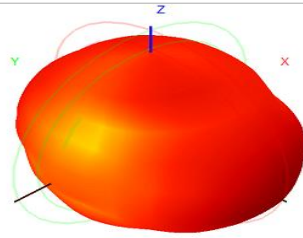
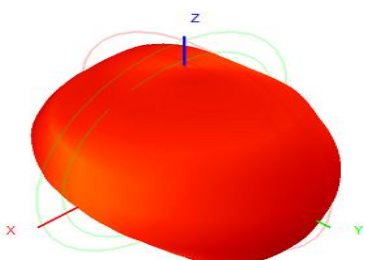
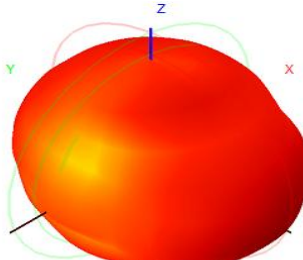
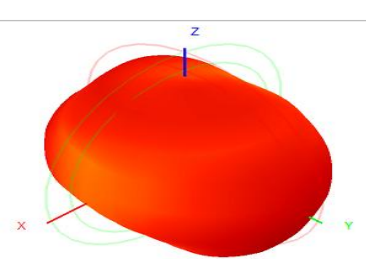
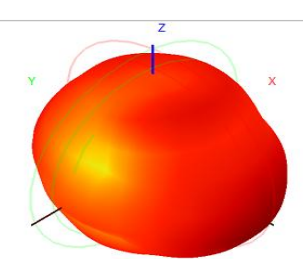
3-1 Measuring Method

1. Using a low loss coaxial cable to link a standard handset jig,
2. Fixed this handset jig on chamber's rotator plane,
3. Linking jig into network analyzer port and using a probing horn antenna to collect data,
4. Using another standard gain horn antenna to calibrated those data.

3-2 Efficiency and Gain Value

Frequency (MHz)	Efficiency (%)	Average GAIN (dB)	Peak GAIN (dBi)
2400	43.64	-3.46	1.24
2420	44.73	-3.27	2.16
2440	45.62	-3.19	1.12
2480	38.92	-3.41	1.19
2500	40.19	-3.23	1.37

3D Radiation Model

Frequency (MHz)	H+V	Back View
2400		
2420		
2440		
2460		
2480		
2500	