

YONG CHENG INTERNATIONAL(OTA)

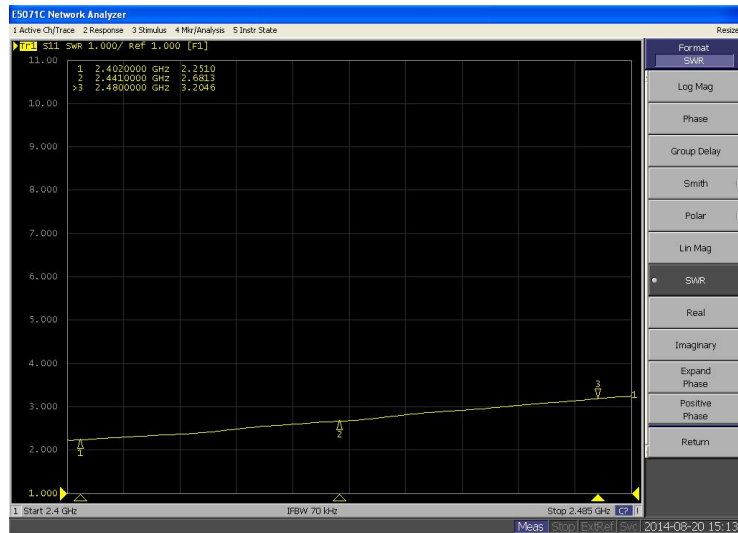
Address:Missouri saint louis 3470 grace ave

1.Gain and Efficiency

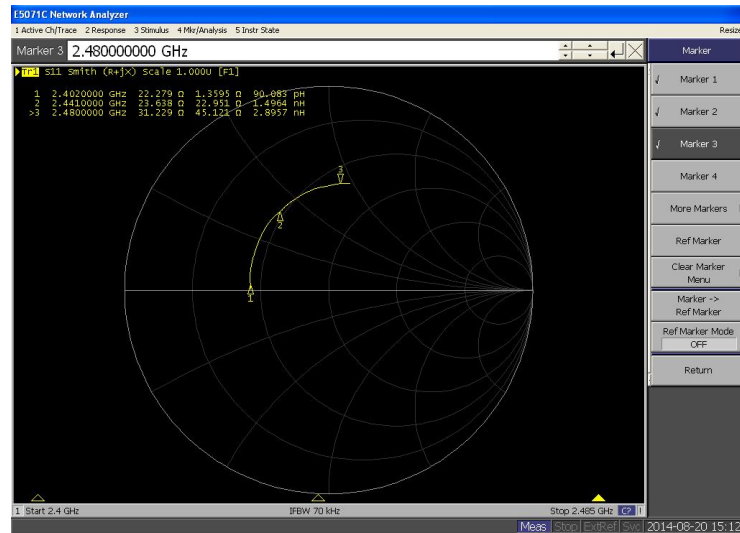
ITEM	ANT SPEC
Model Name	2.4G ANT
Frequency	2400MHz~2500MHz
MAX. Gain	0.93dBi
Polarization	Horizontal and Vertical
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ohm
Antenna Length	45.5mm
Manufacture	Dongguan Symsta Electronics.,LTD

Frequency	Gain	Efficiency
2402MHz	0.93dBi	29%
2441MHz	-0.40dBi	27%
2480MHz	-1.28dBi	25%

VSWR



Input impedance:



Frequency: VSWR

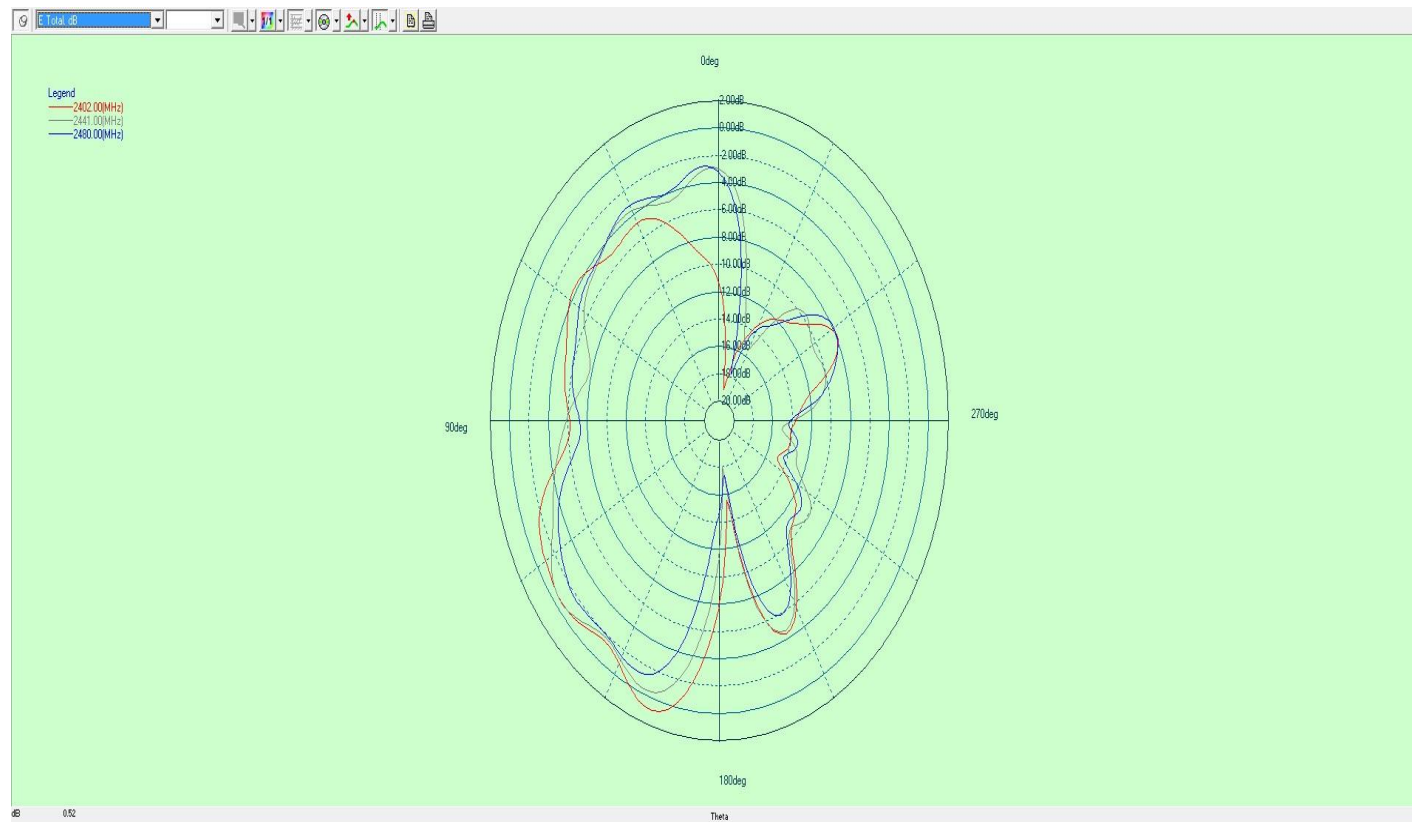
2.402GHz 2.2510

2.441GHz 2.6813

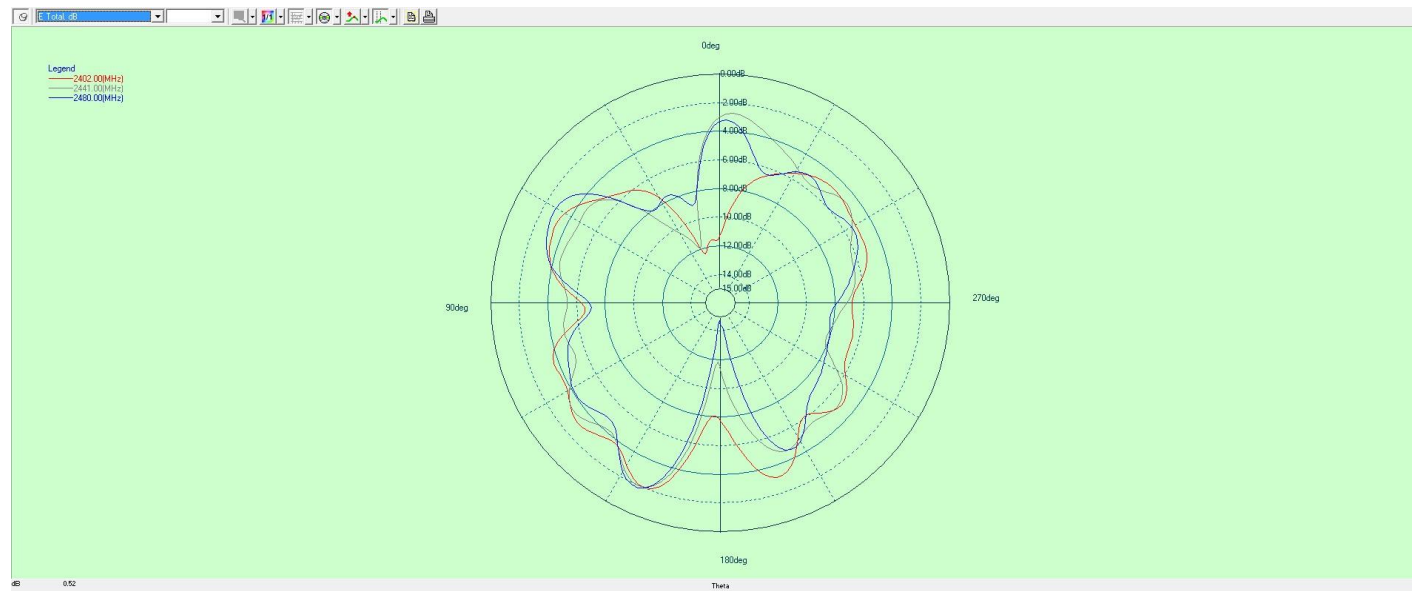
2.480GHz 3.2046

3. Radiation Pattern

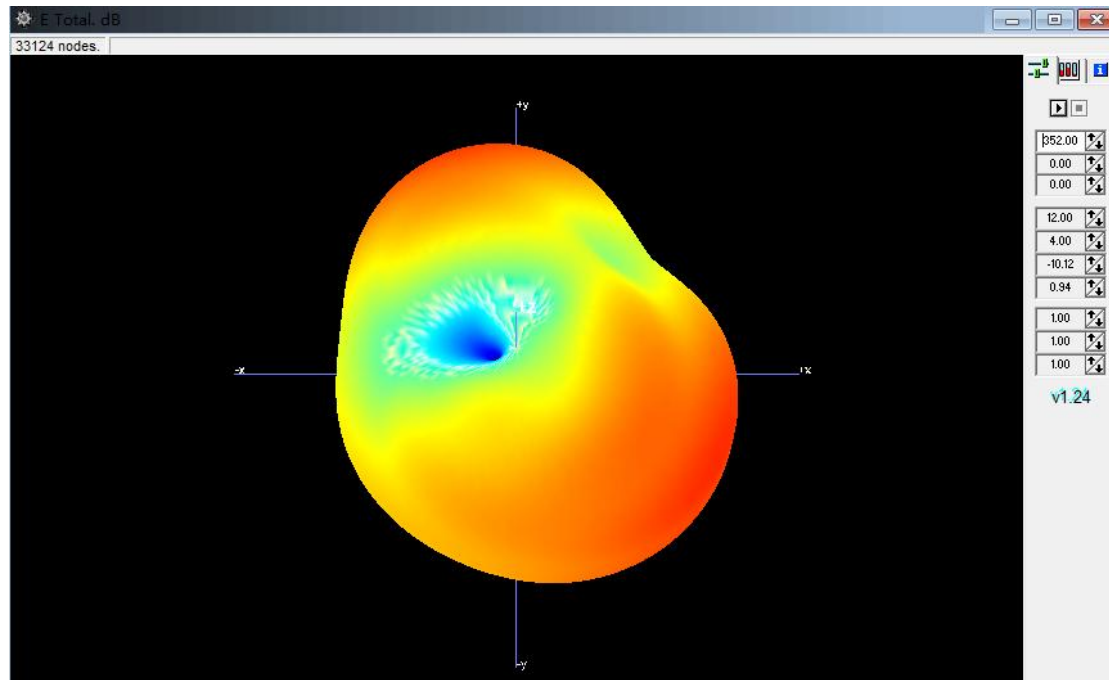
2D $\phi = 0$:



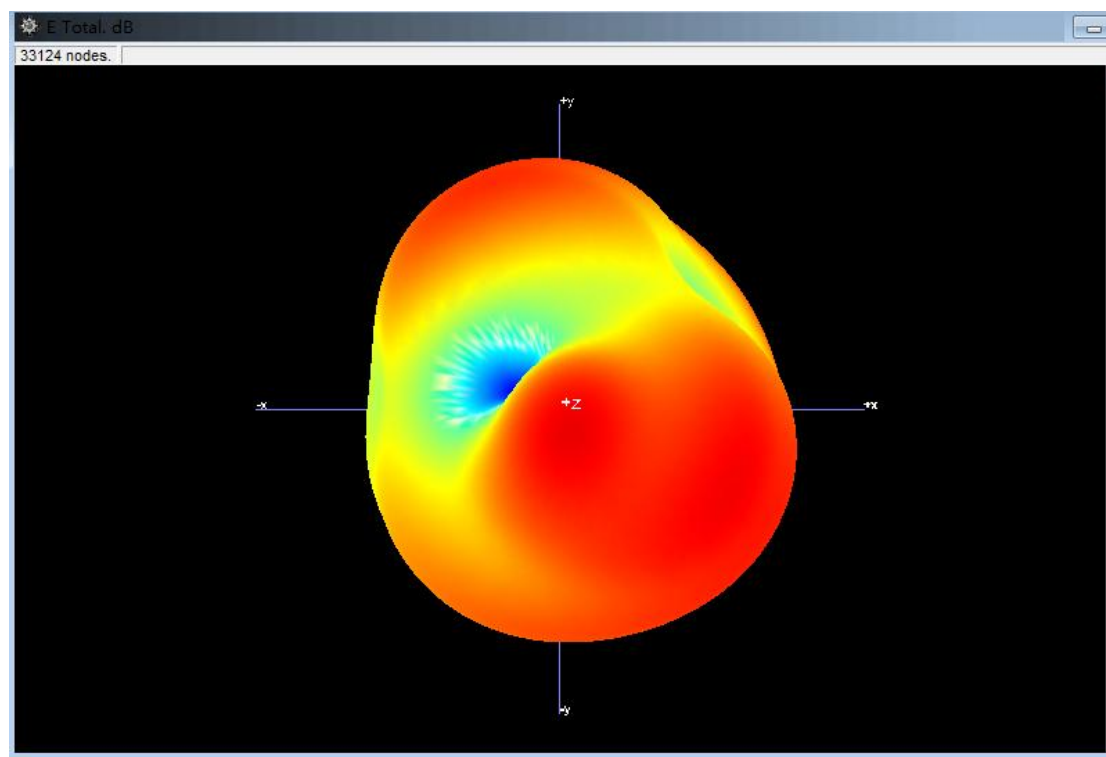
2D Phi = 90:



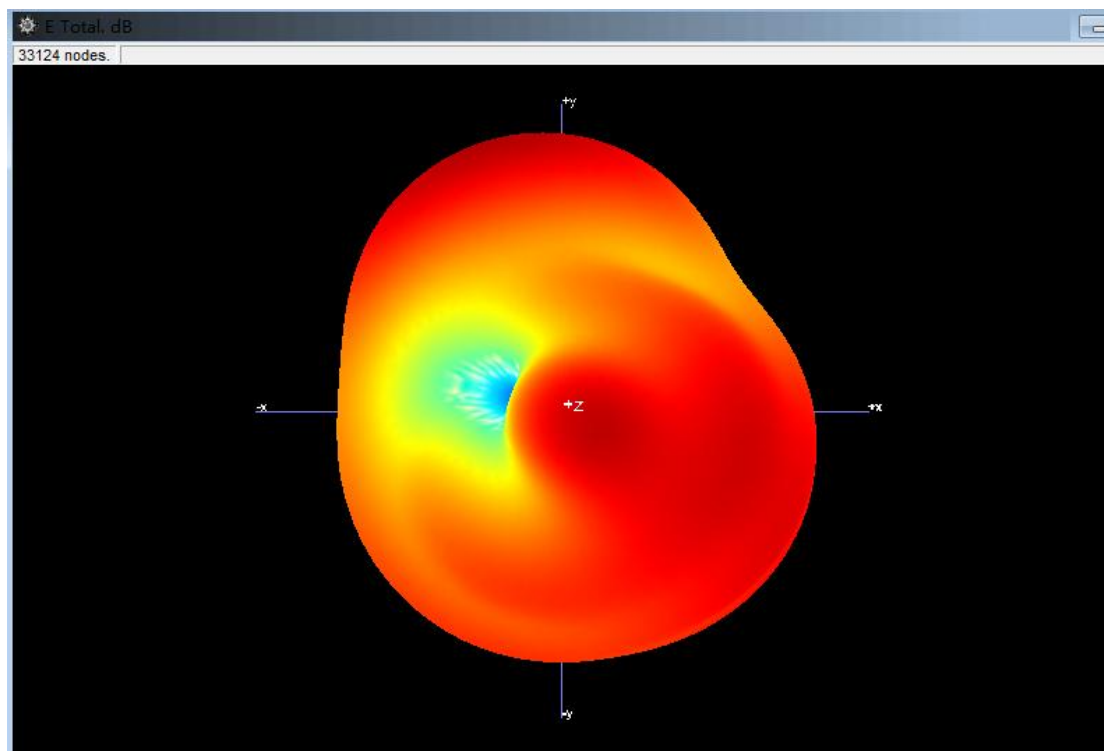
3D:



2.402Ghz

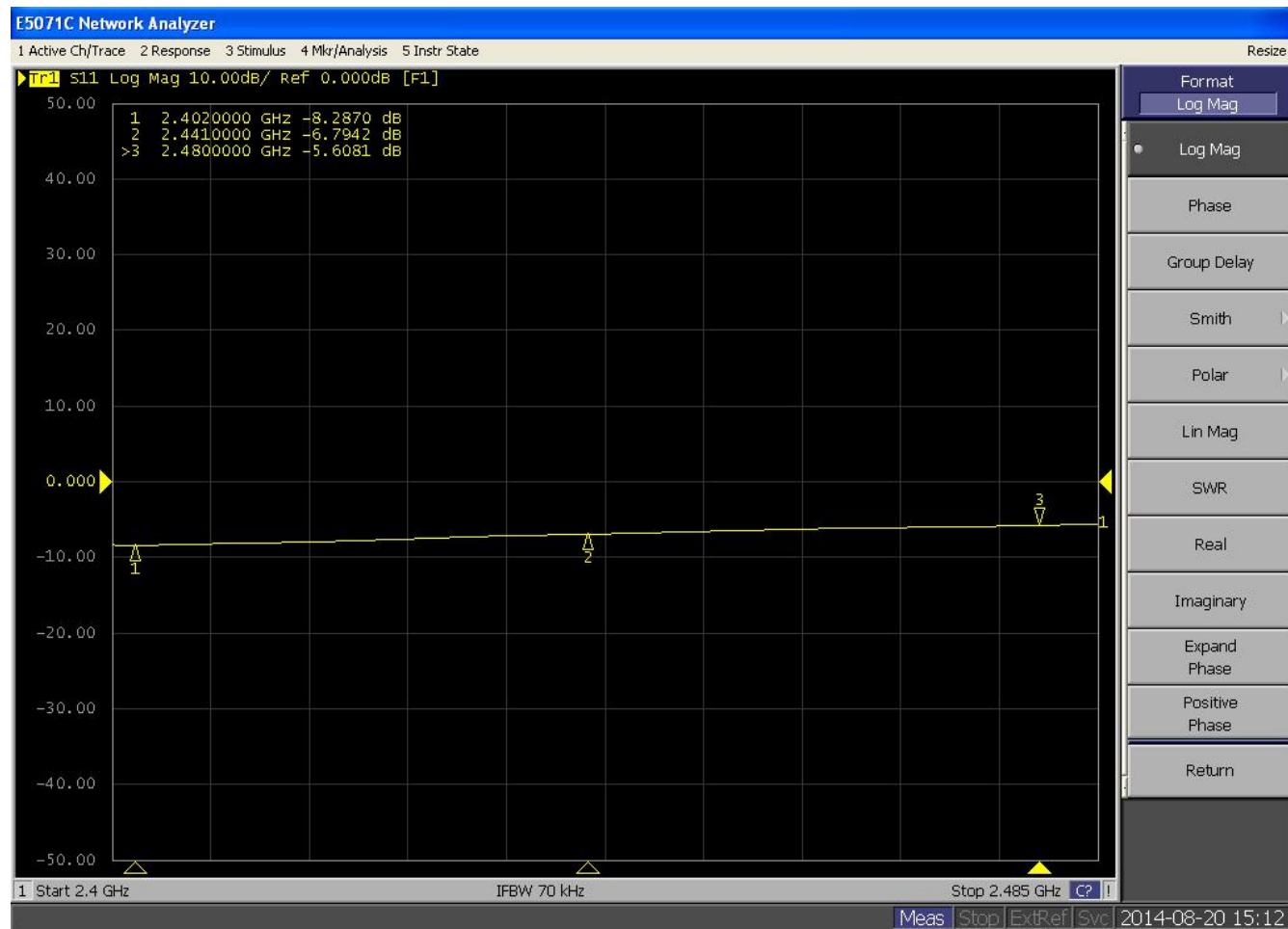


2.441Ghz

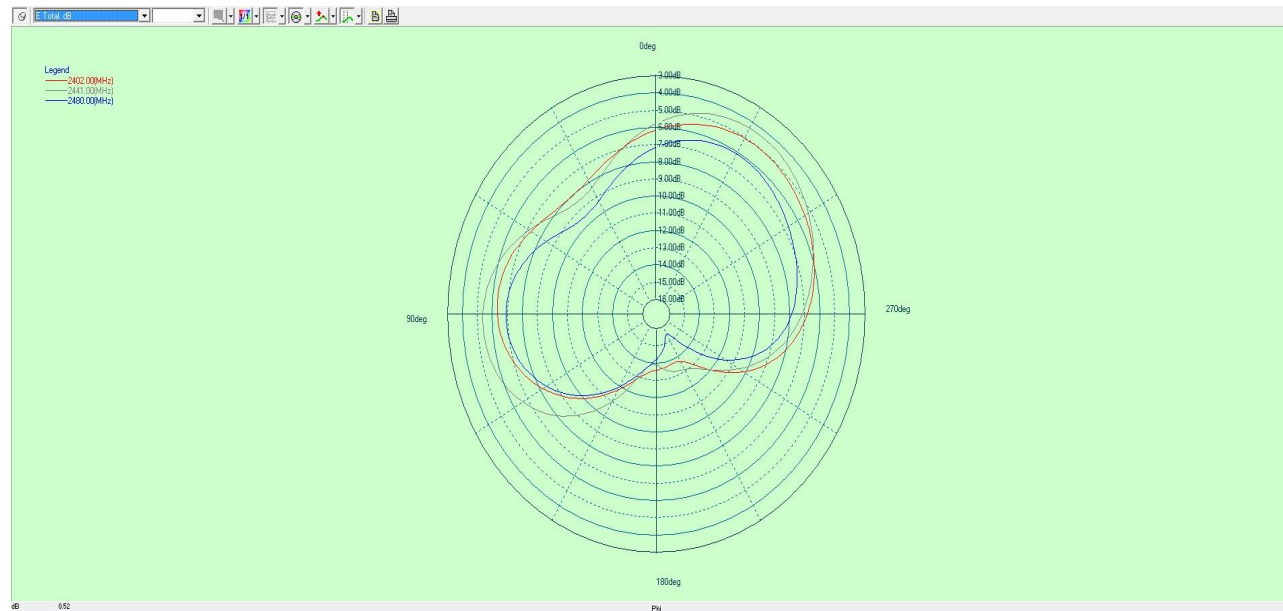


2.480Ghz

4. Return Loss:



5. $\theta = 90^\circ$:



6. Antenna size diagram

