

Antenna Report

Antenna plate	PCB antenna
Market name/Model name	SH-TH100K
Manufacture	Shenzhen 3Good Wireless Communication Co., Ltd
Address	501-508, Jinfulai Building, 49-1 Dabao Road, Baoan District, Shenzhen City
Antenna Max. Gain	0dBi
Frequency Range	2400.0-2480.0MHz
VSWR	3.2046

3*5.8mm



1. Gain and Efficiency

Frequency	Gain (dBi)	Efficiency()
2402MHz	0	29%
2441MHz	-0.93	27%
2480MHz	-1.28	25%

2. VSWR



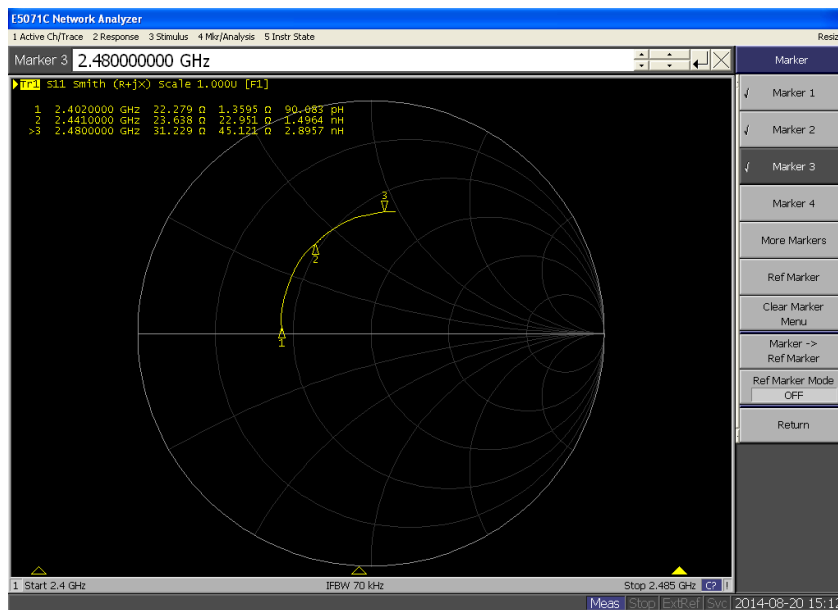
Frequency: VSWR

2.402Ghz 2.2510

2.441Ghz 2.6813

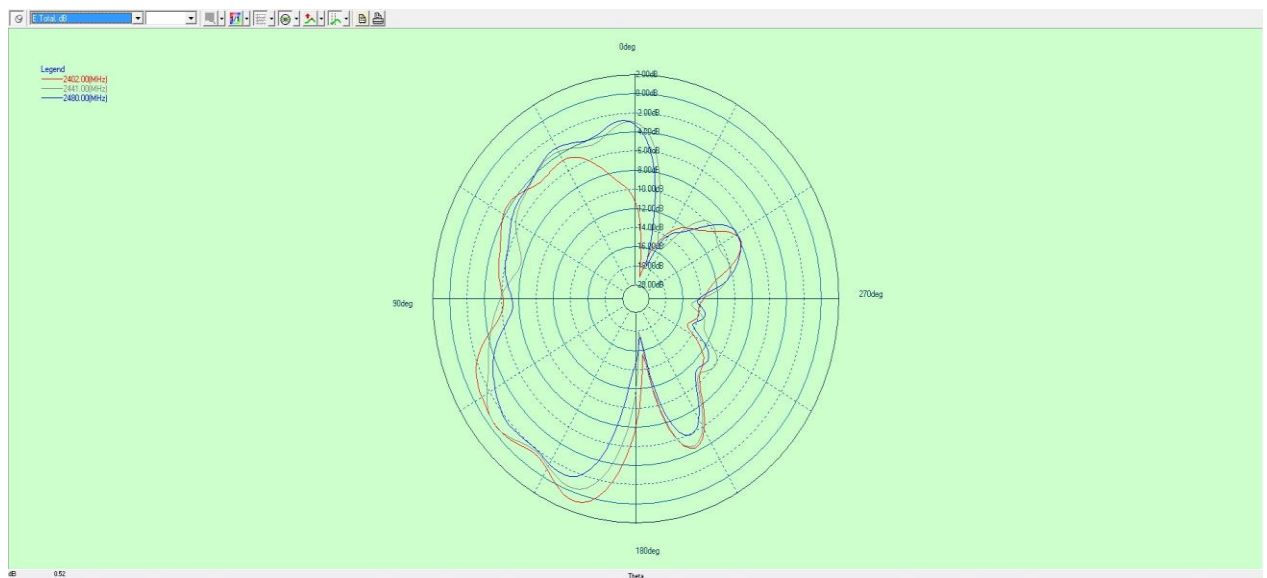
2.480Ghz 3.2046

Input impedance:

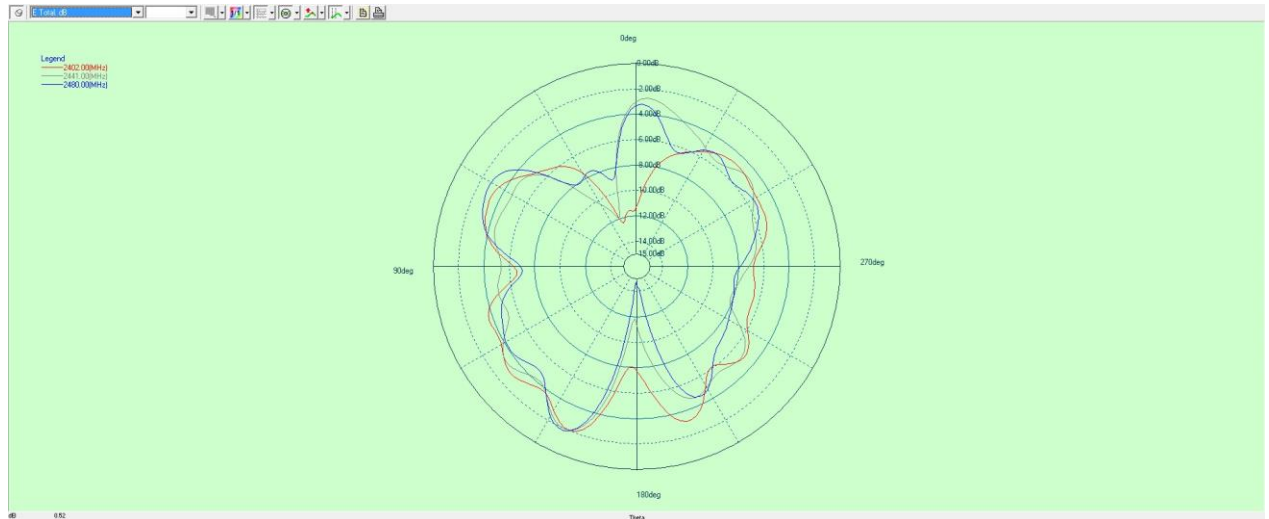


3. Radiation Pattern

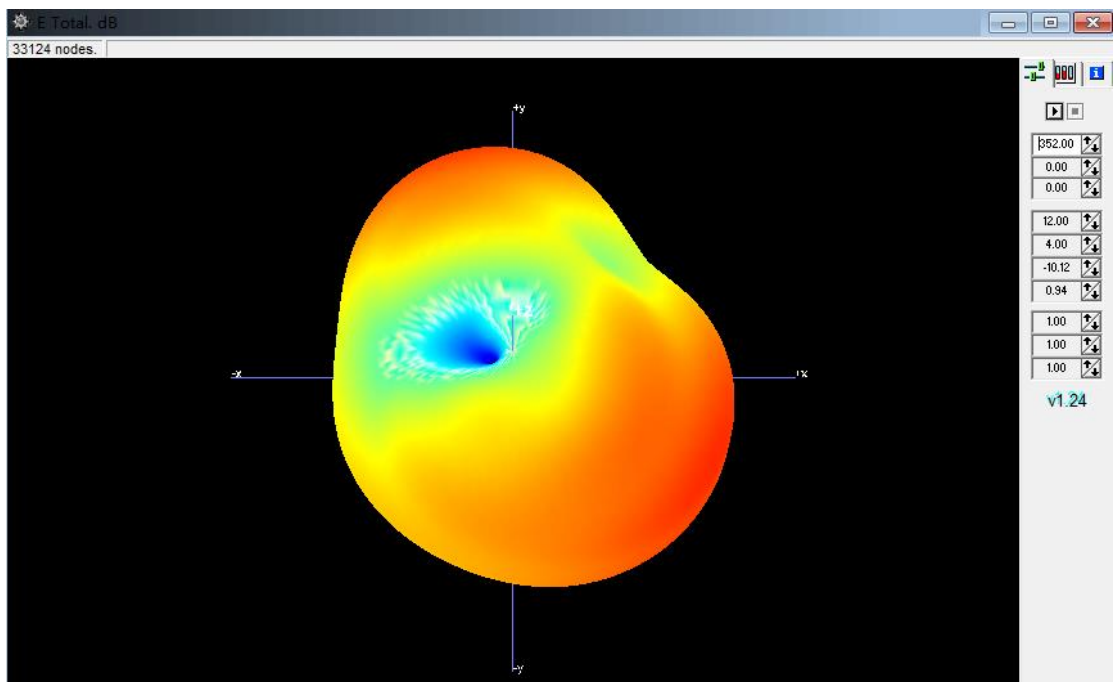
2D $\phi = 0$:



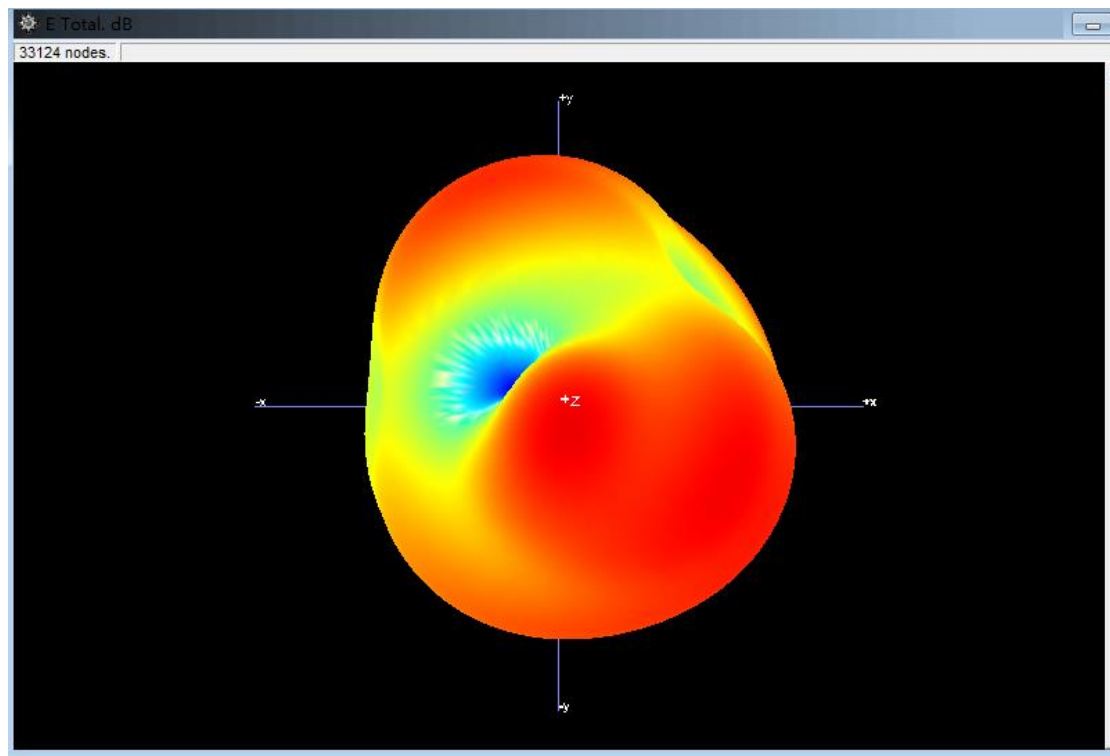
2D $\Phi = 90$:



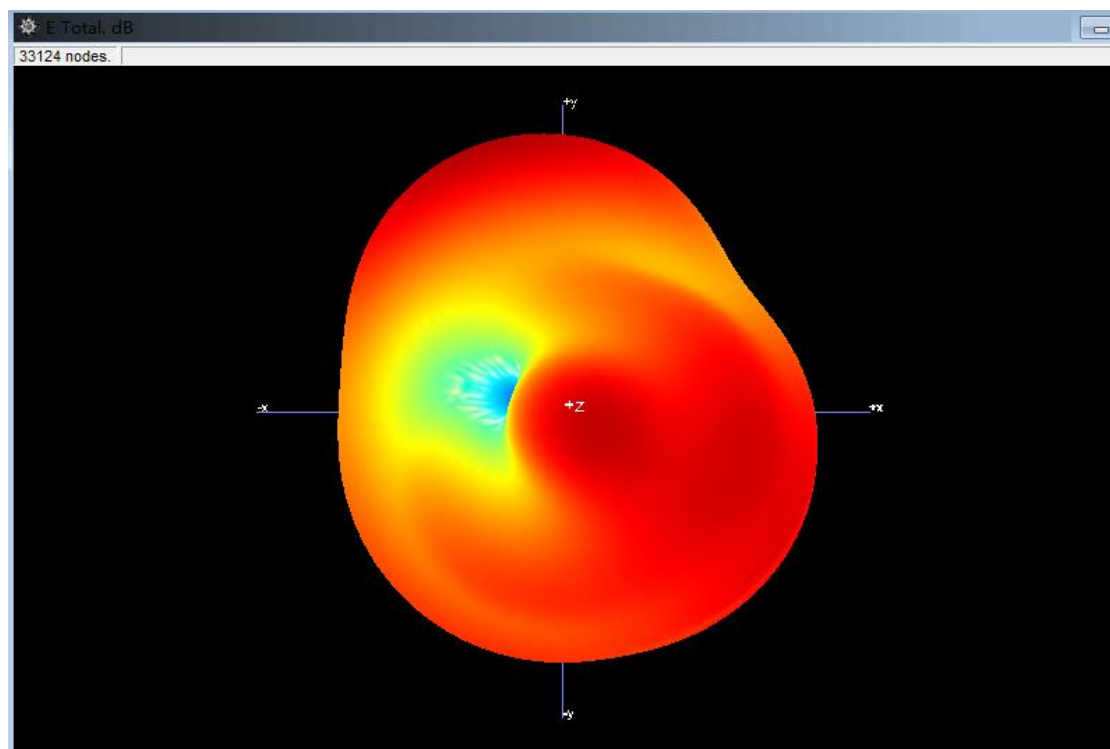
3D:



2.402G

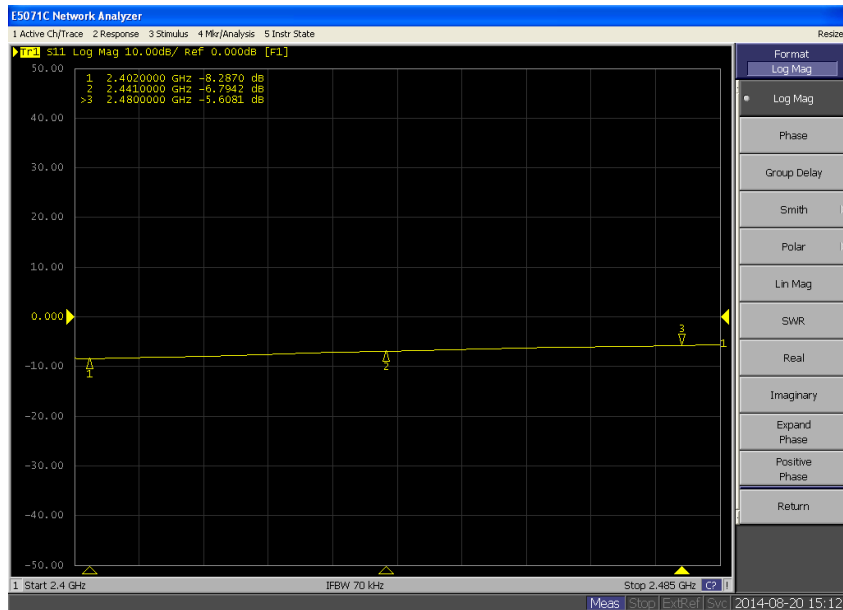


2.441Ghz



2.480Ghz

3.Return Loss:



4.theta = 90:

