

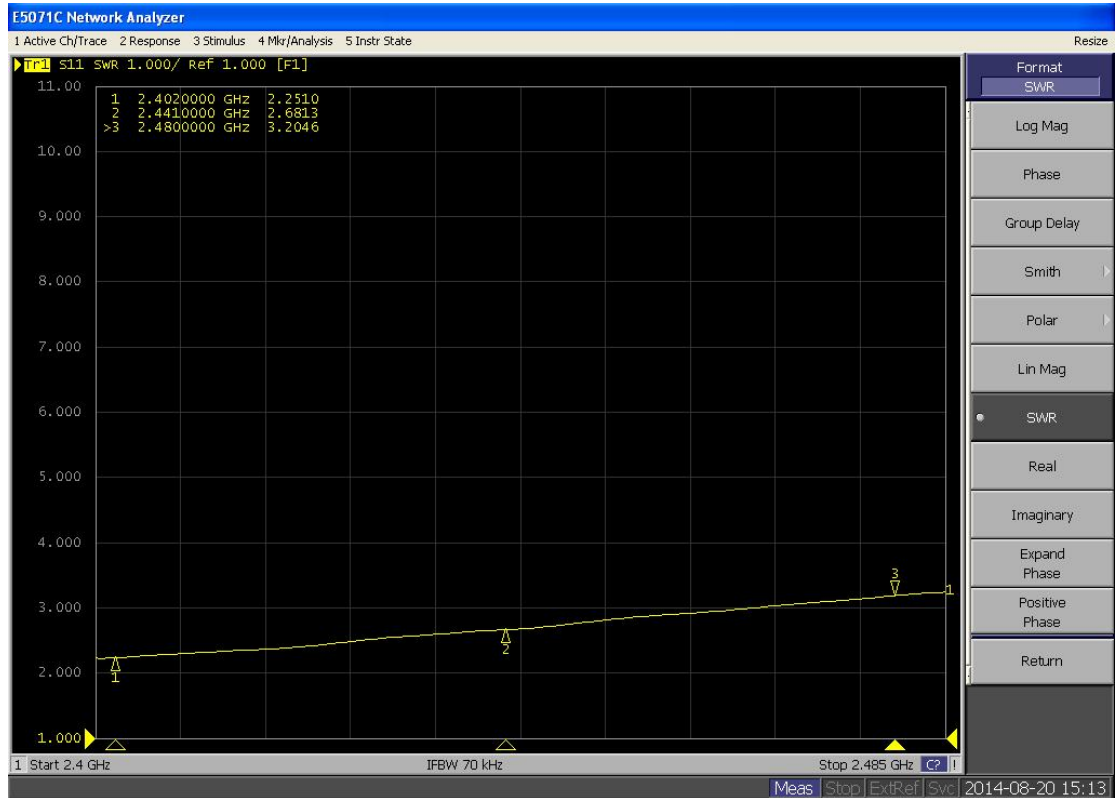
BT Audio Antenna Report

1. Gain and Efficiency

ITEM	ANT SPEC					
Model Name	2.4G ANT					
Center Frequency	Horizontal			Vertical		
	2400MHz	2400MHz	2500MHz	2400MHz	2400MHz	2500MHz
	- 1.26	-0.76	-0.58	-5.25	-2.46	- 1.86
MAX. Gain	-0.58dB					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Antenna Length	38.20mm					
Manufacture						

Frequency	E Total. dB(dB)	Efficiency()
2402MHz	0.937002	29%
2441MHz	-0.40394	27%
2480MHz	-1.27924	25%

2.VSWR



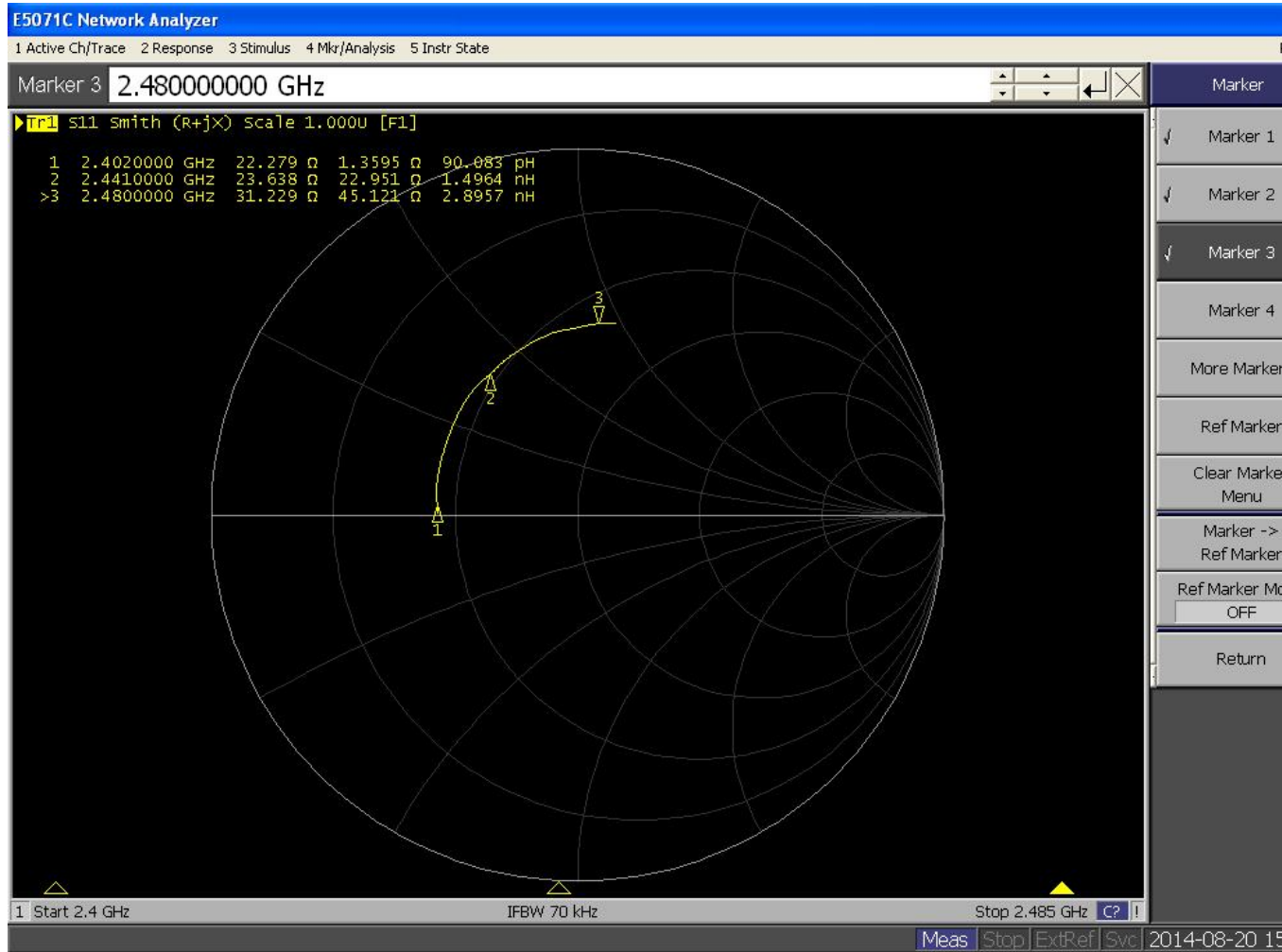
Frequence: VSWR

2.402Ghz 2.2510

2.441Ghz 2.6813

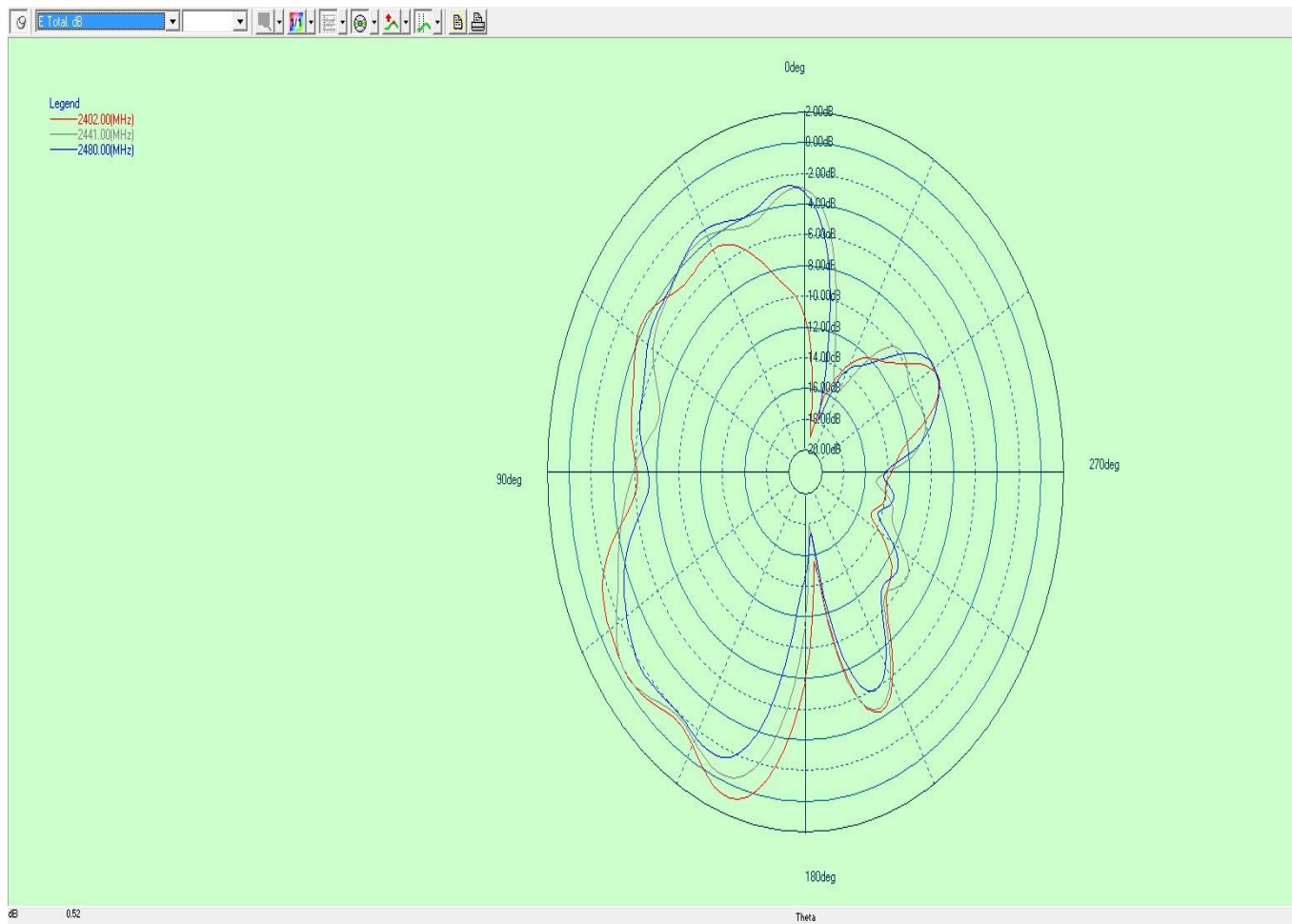
2.480Ghz 3.2046

Input impedance:

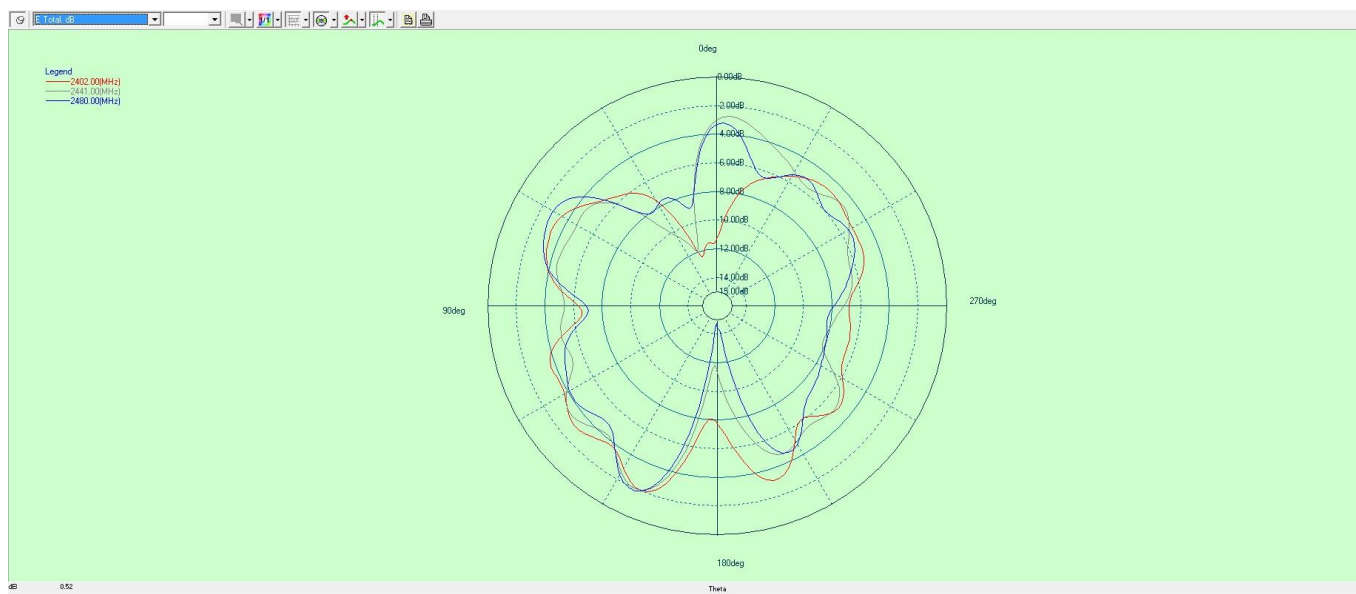


3. Radiation Pattern

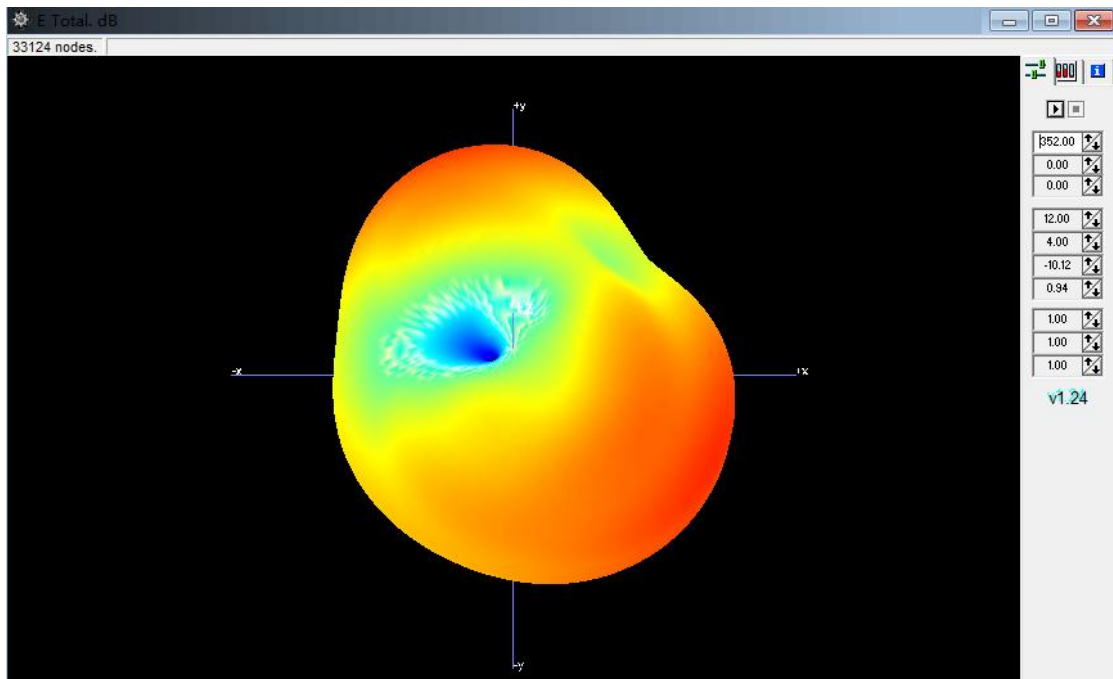
2D $\phi = 0$:



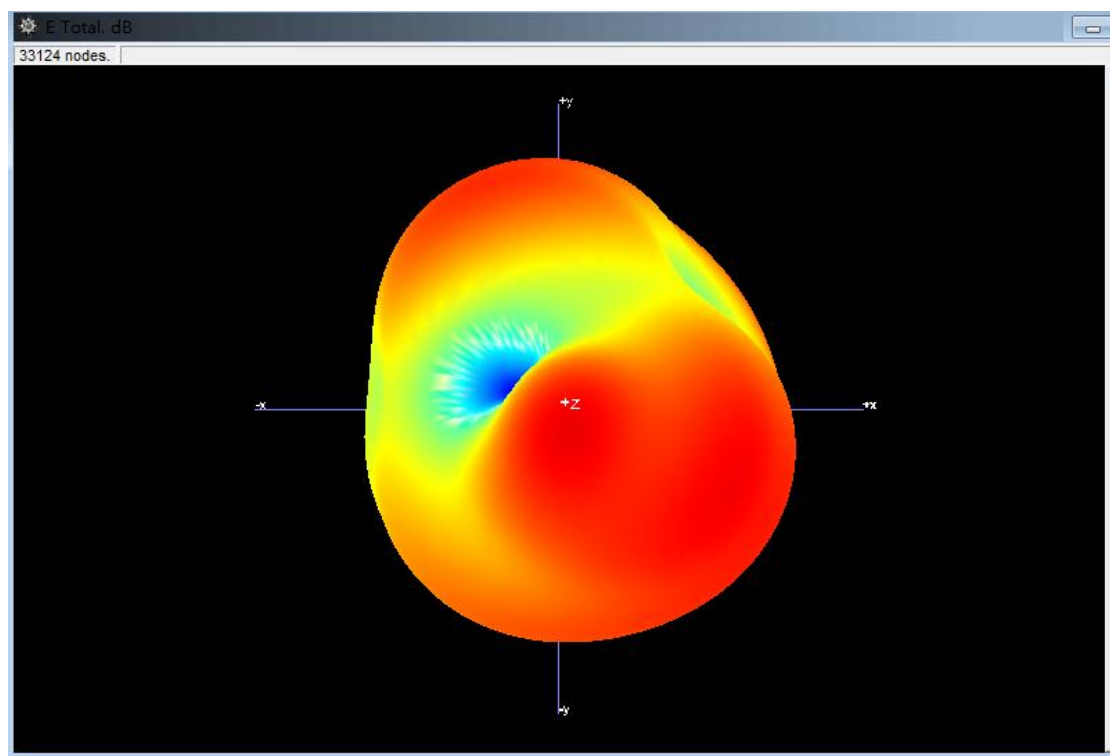
2D $\Phi = 90$:



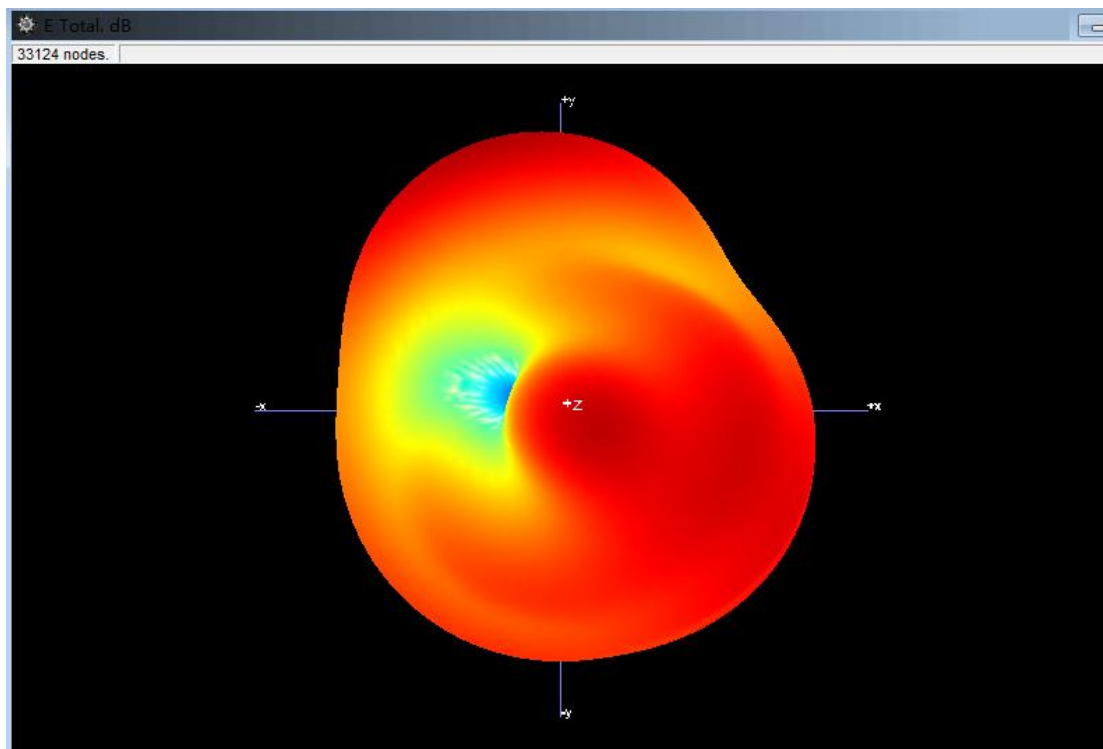
3D:



2.402G



2.441Ghz



2.480Ghz

3.Return Loss:



4.theta = 90:

