

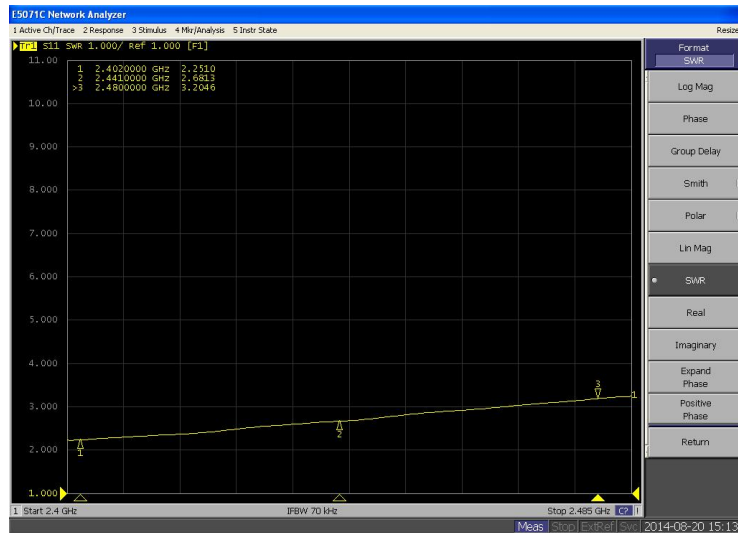
## BT Audio Antenna Report

### 1.Gain and Efficiency

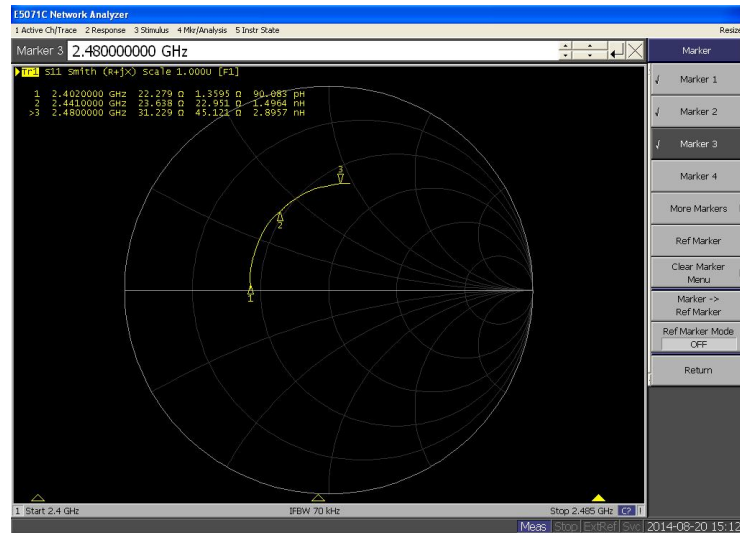
| ITEM                 | ANT SPEC                         |
|----------------------|----------------------------------|
| Model Name           | 2.4G ANT                         |
| Frequency            | 2400MHz~2500MHz                  |
| MAX. Gain            | 0.94dBi                          |
| Polarization         | Horizontal and Vertical          |
| Azimuth Beam Pattern | Omni-directional                 |
| Impedance            | 50 Ohm                           |
| Antenna Length       | 38.20mm                          |
| Manufacture          | Dongguan Symsta Electronics.,LTD |

| Frequency | gain (dBi) | Efficiency(% ) |
|-----------|------------|----------------|
| 2402MHz   | 0.94dBi    | 29%            |
| 2441MHz   | -0.40dBi   | 27%            |
| 2480MHz   | -1.28dBi   | 25%            |

## VSWR



## Input impedance:



Frequency: VSWR

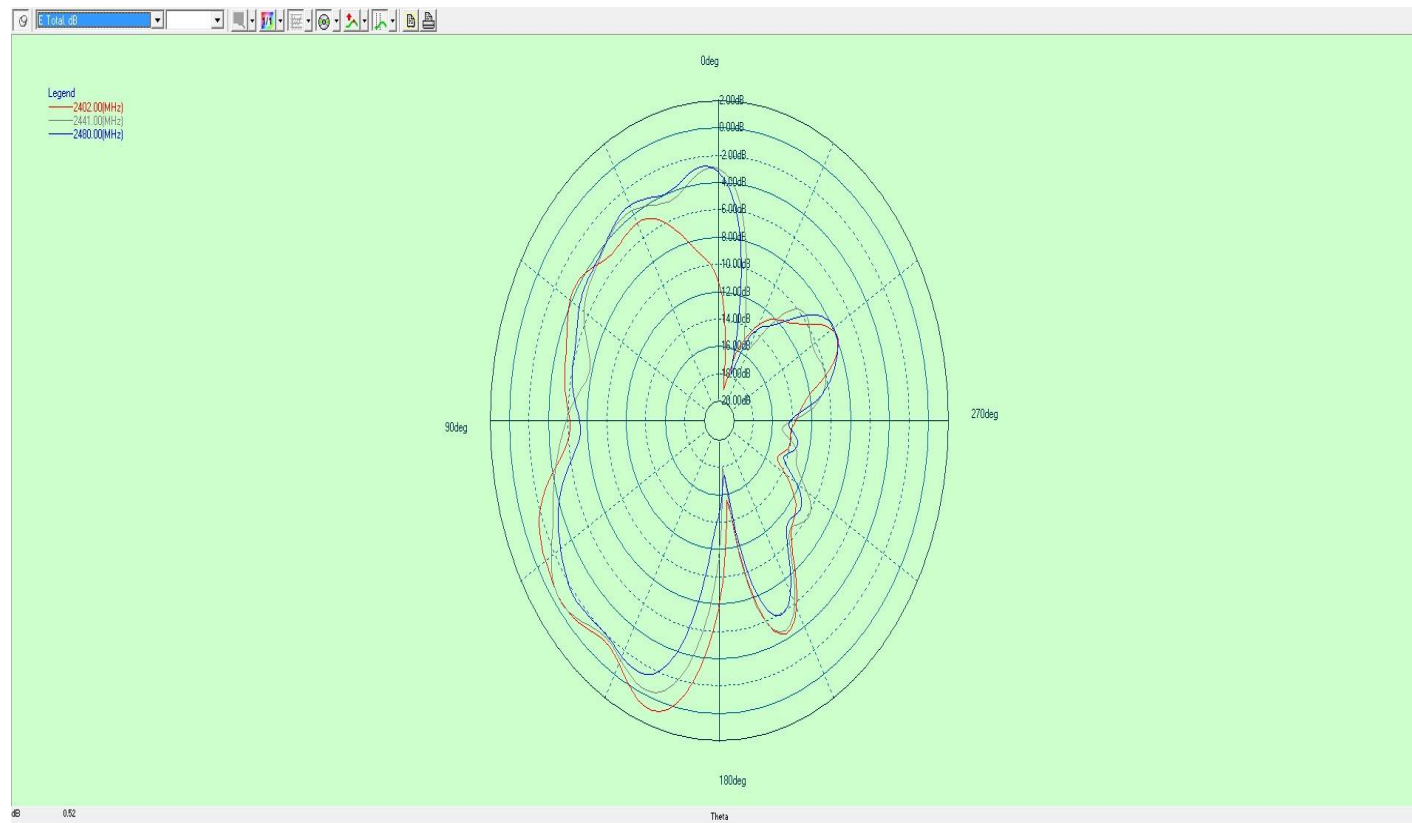
2.402GHz 2.2510

2.441GHz 2.6813

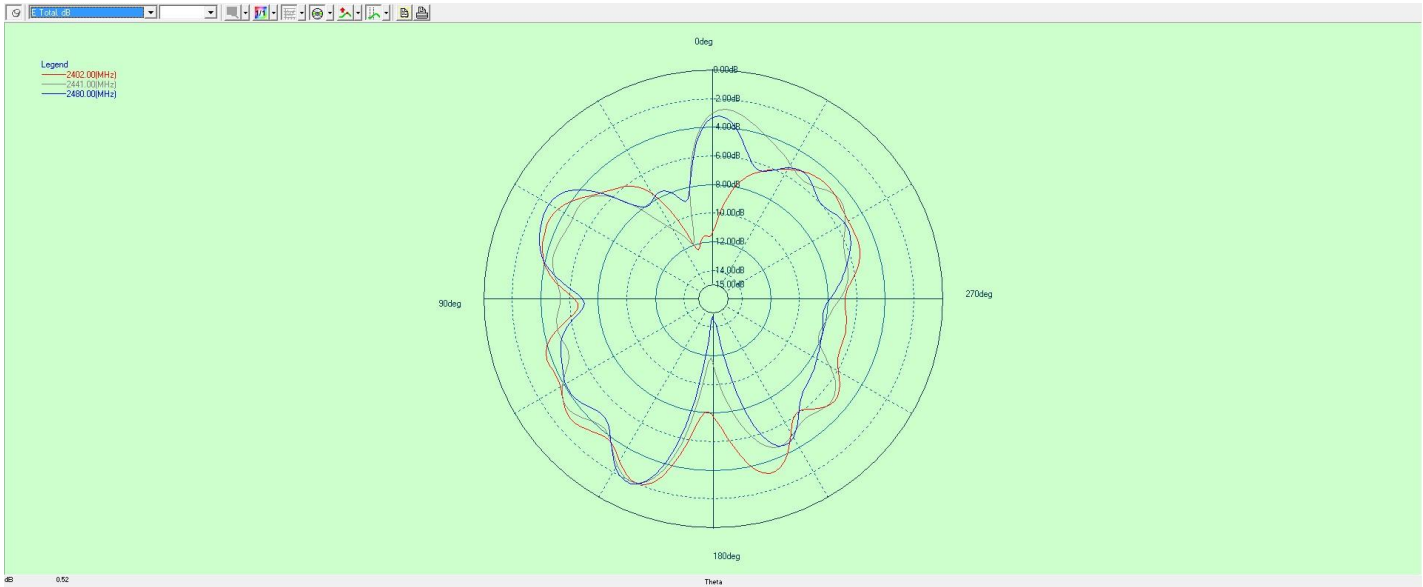
2.480GHz 3.2046

### 3.Radiation Pattern

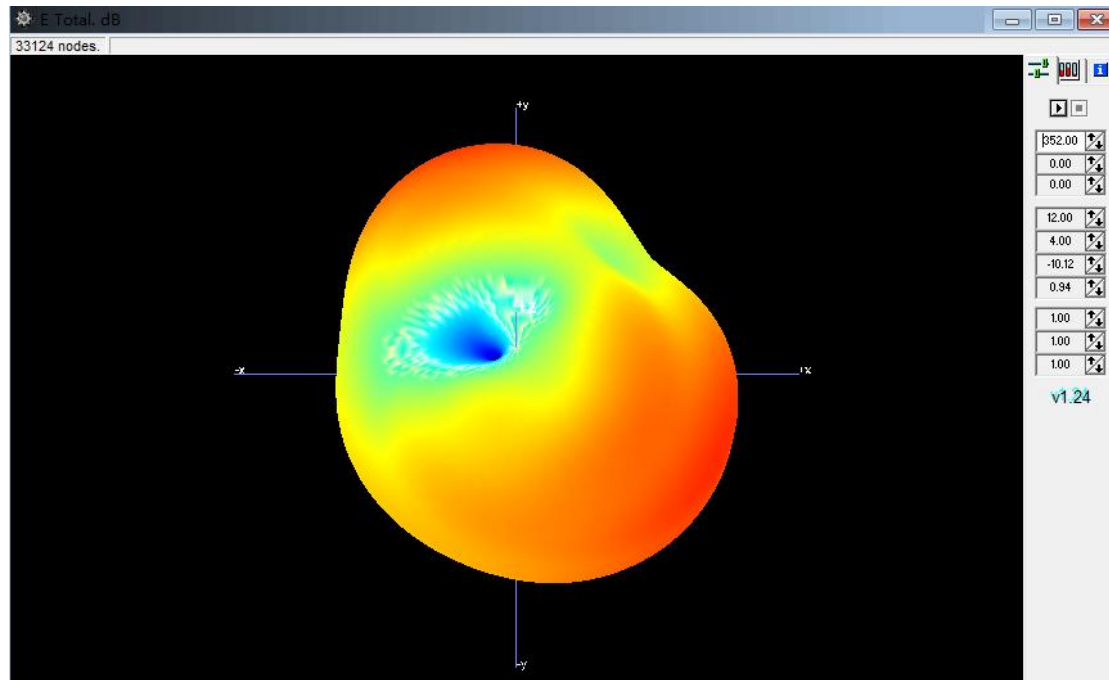
2D  $\phi = 0$ :



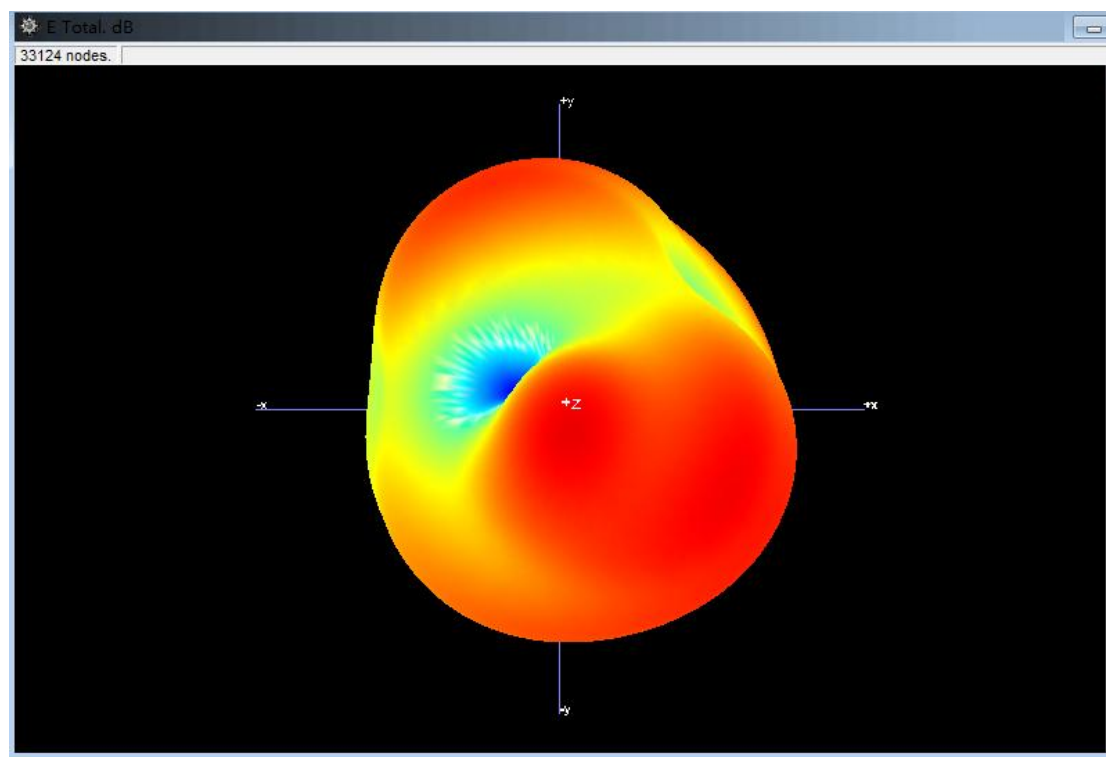
2D Phi = 90:



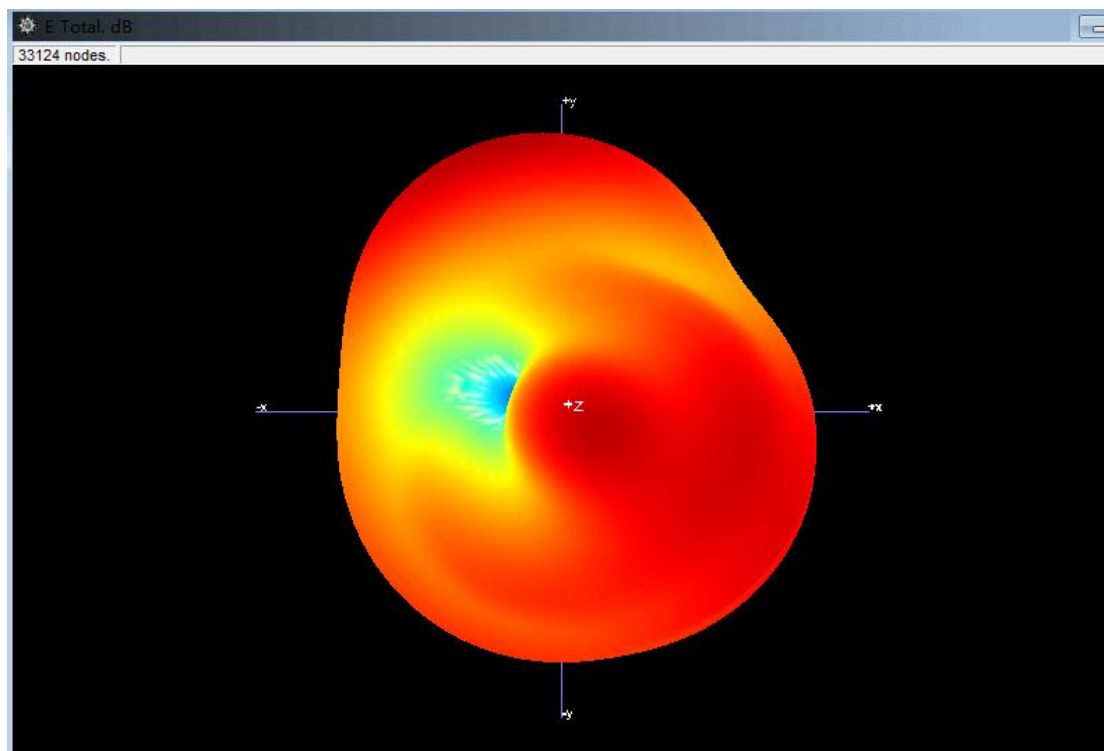
3D:



2.402G

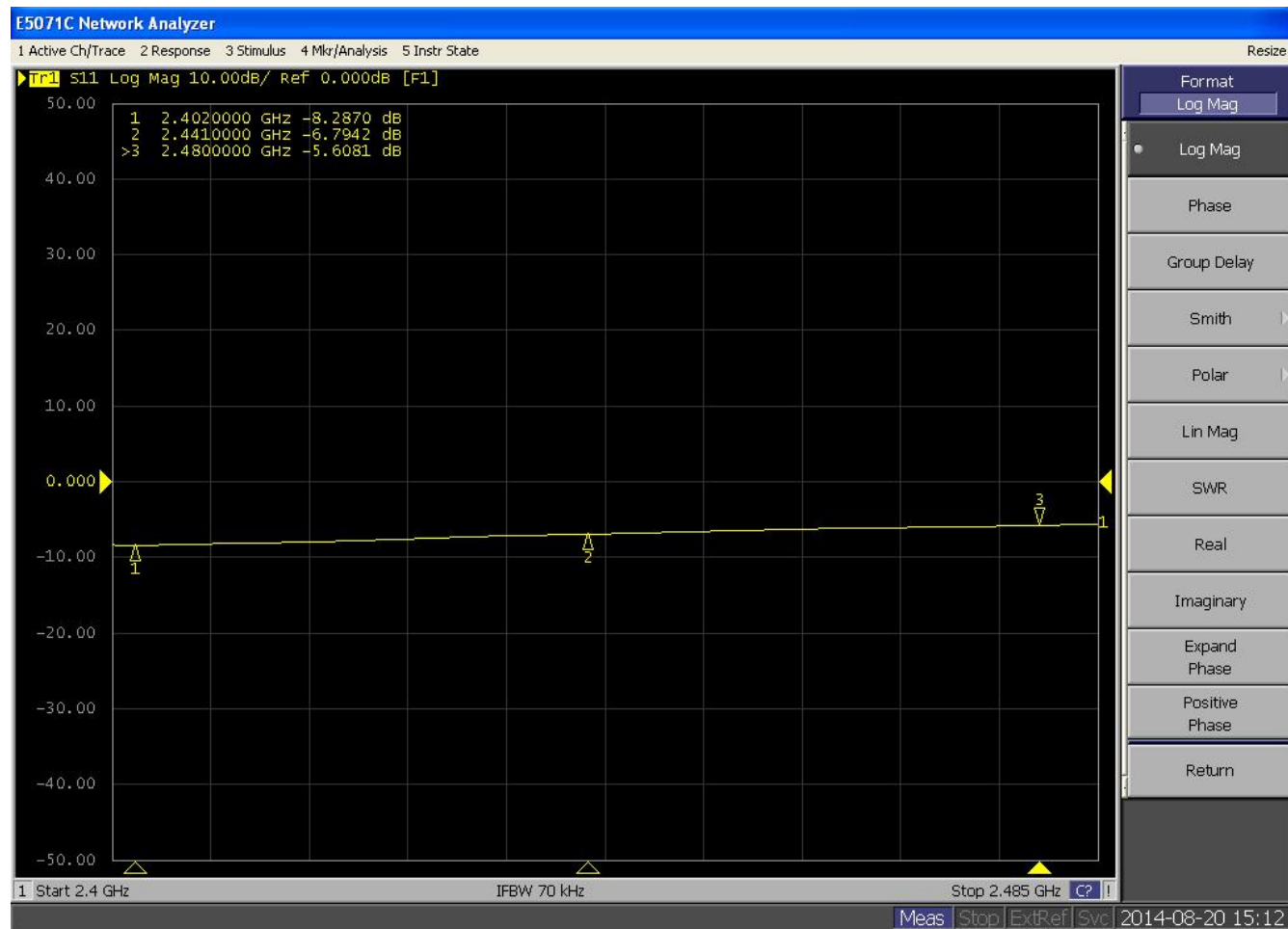


2.441Ghz



2.480Ghz

## 2.Return Loss:



3.theta = 90:

