

# Antenna specification

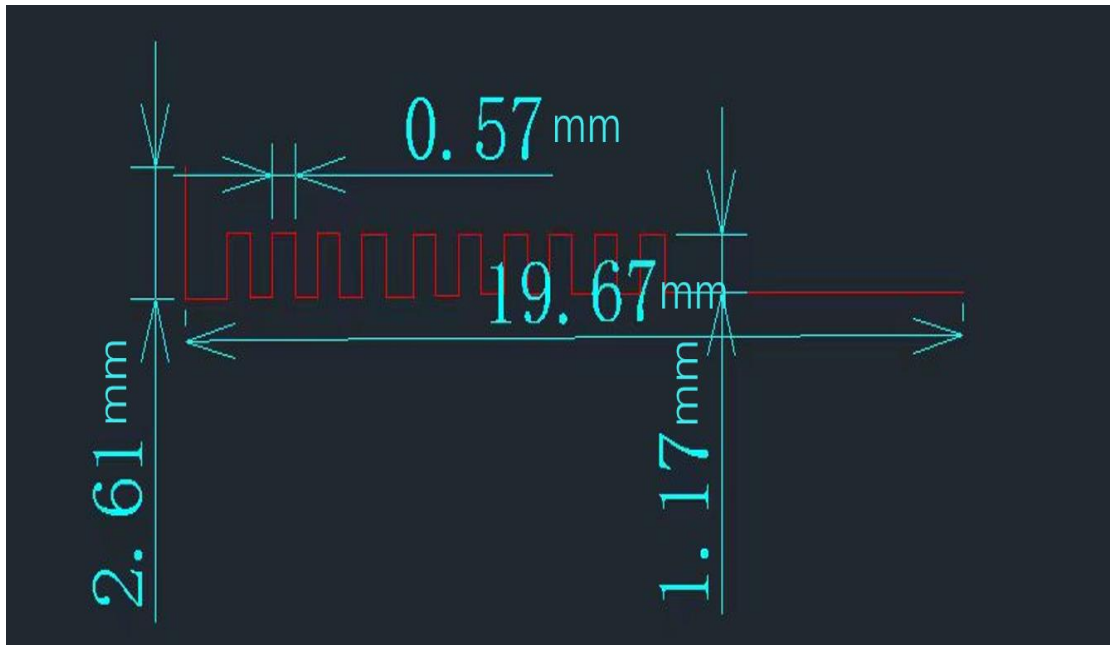
## Antenna introduction

The Bluetooth module antenna is directly used on the PCB.

Manufacturer: Shenzhen Jimi IoT Co.,Ltd.

Address : 3-4/F, Block A, Building #7, Shenzhen International Innovation Valley, Dashi 1st Road, Nanshan District, Shenzhen, Guangdong, China

## Antenna shape



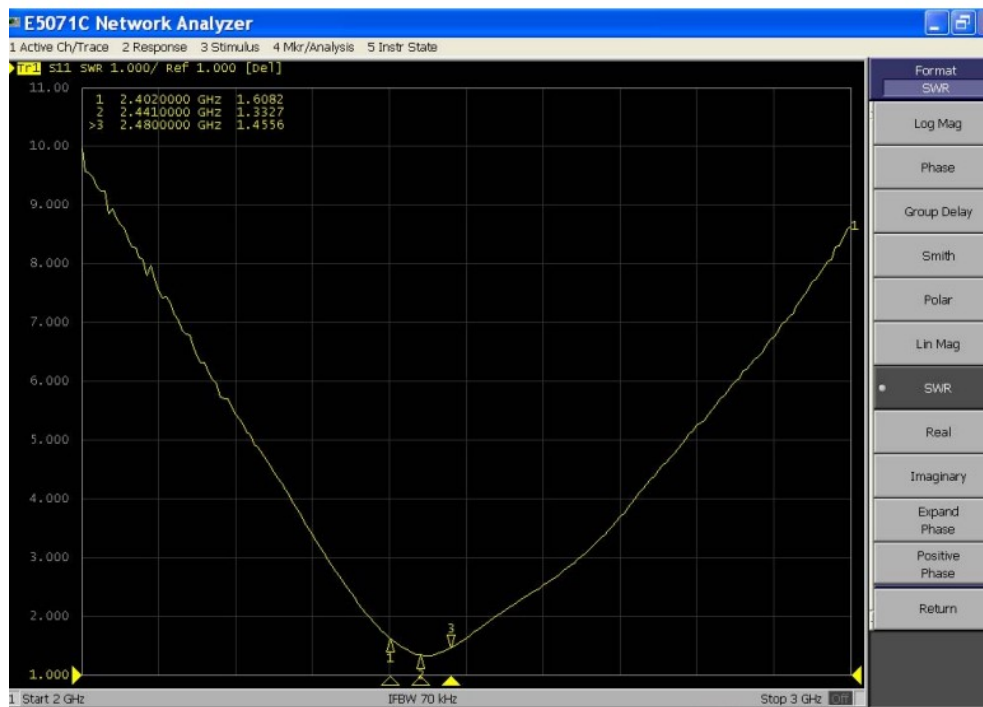
# BT Audio Antenna Report

## 1. Gain and Efficiency

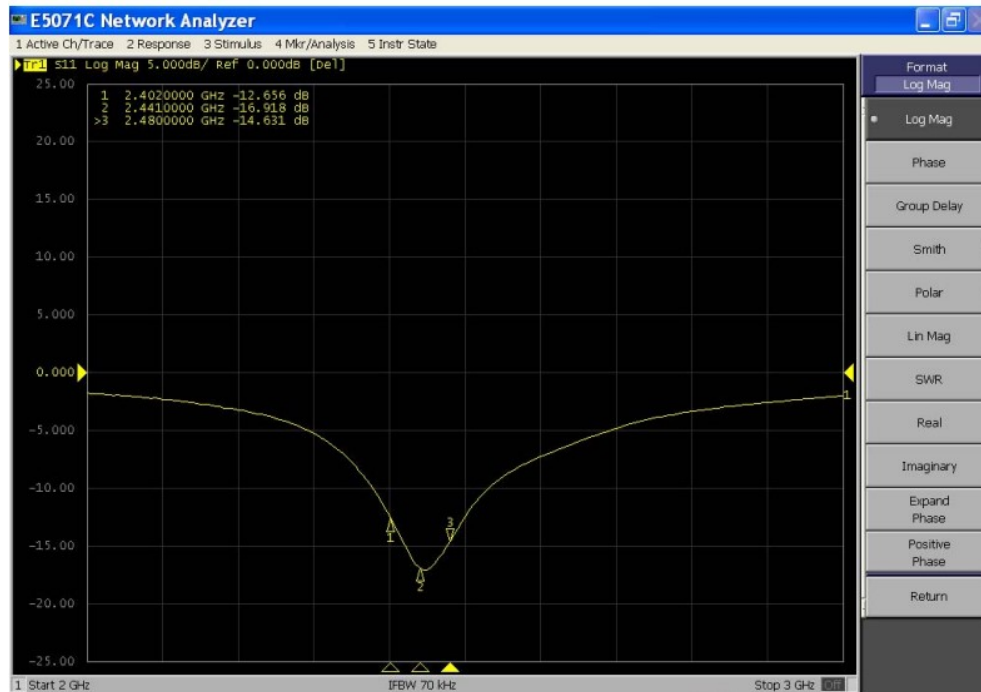
Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
2400	-1.73	-6.73	21.23
2410	-1	-6.48	22.5
2420	-1.06	-6.41	22.85
2430	-0.35	-5.64	27.26
2440	-0.81	-6.04	24.9
2450	-0.61	-5.72	26.79
2460	-0.9	-6.01	25.06
2470	-0.72	-5.8	26.33
2480	-1.07	-6.21	23.94
2490	-1.37	-6.41	22.84

## 2. Passive pattern

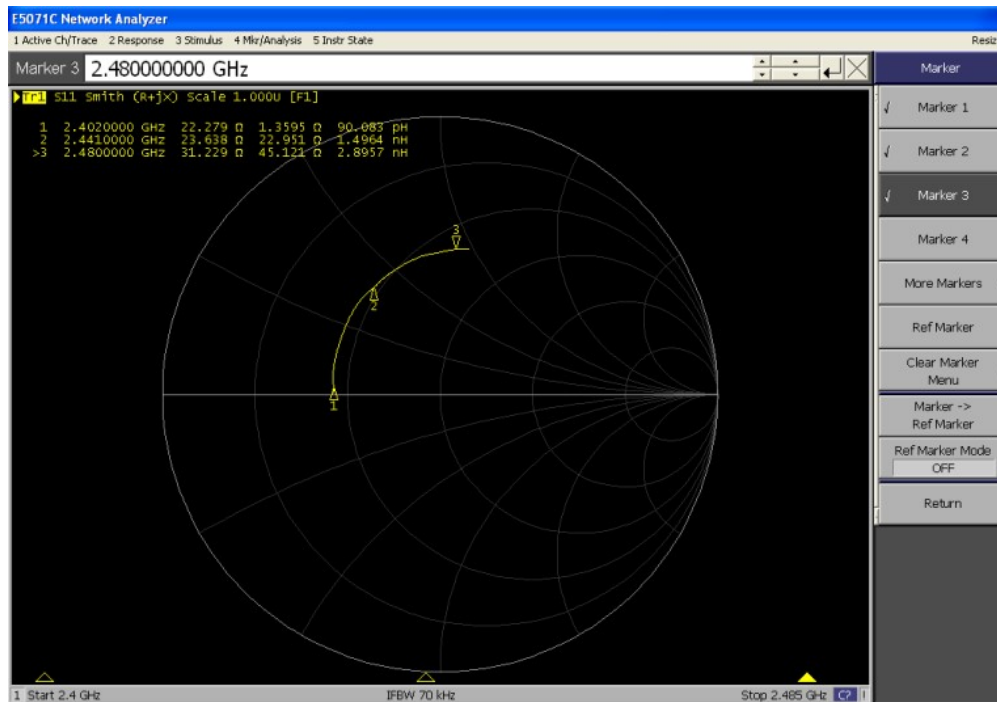
### VSWR



## Return loss

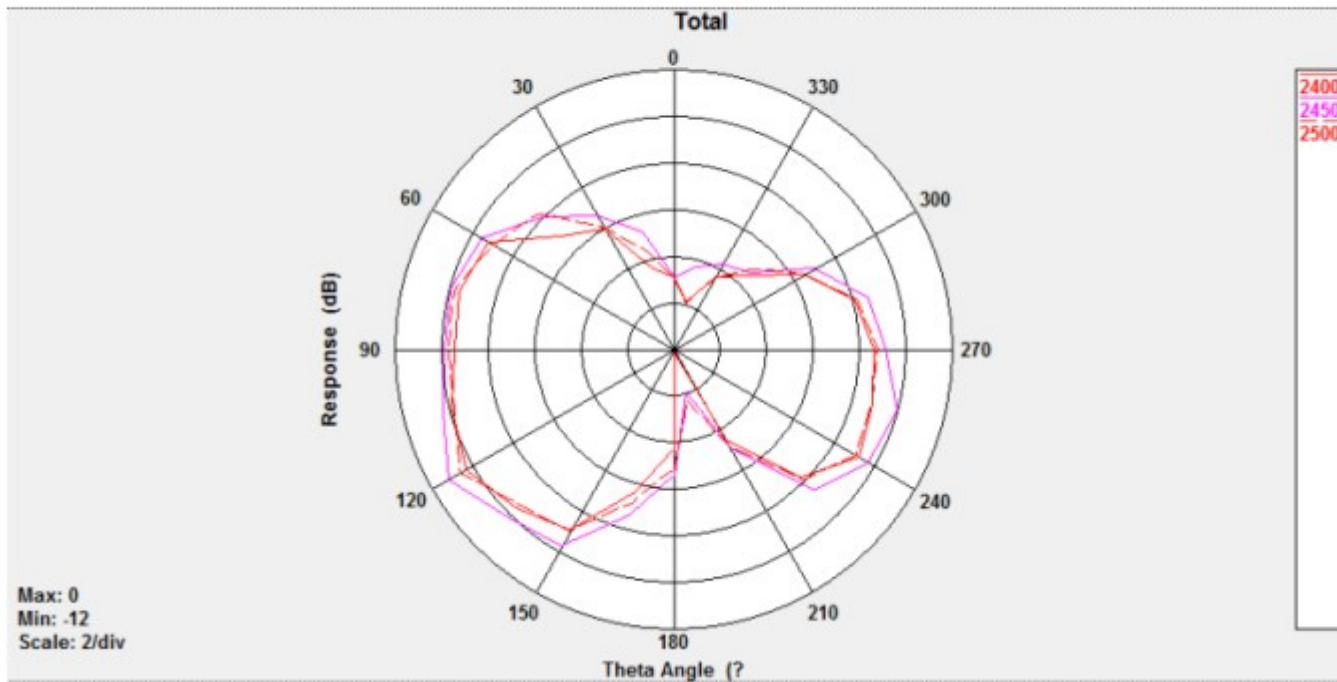


## Input impedance:

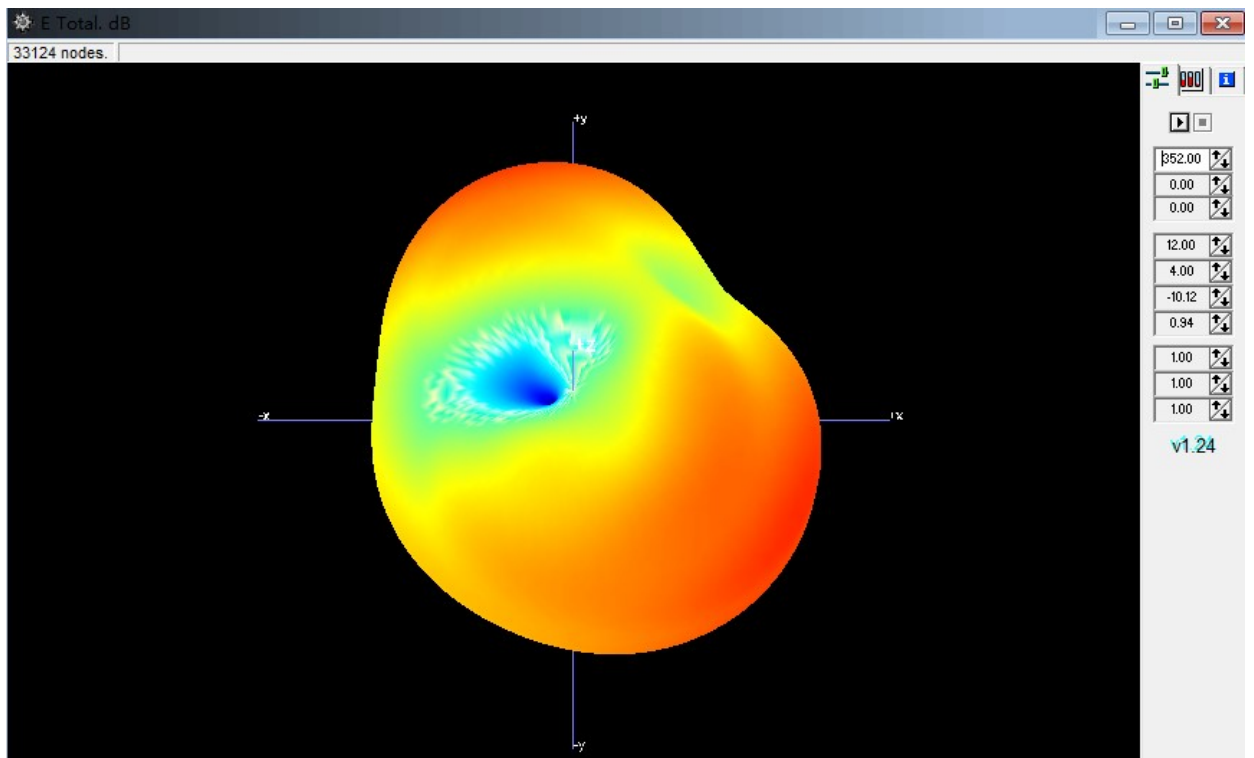


### 3. Radiation Pattern

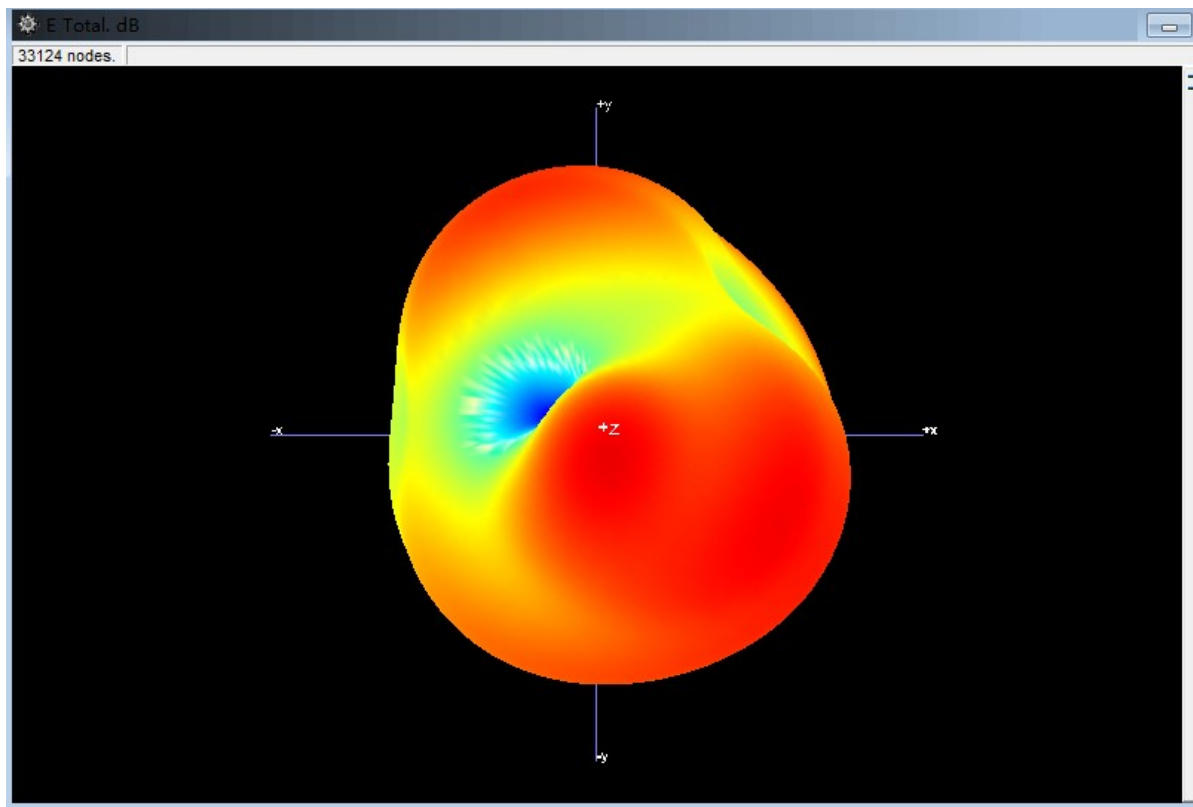
2-D antenna pattern (  $\Phi=90^\circ$  )



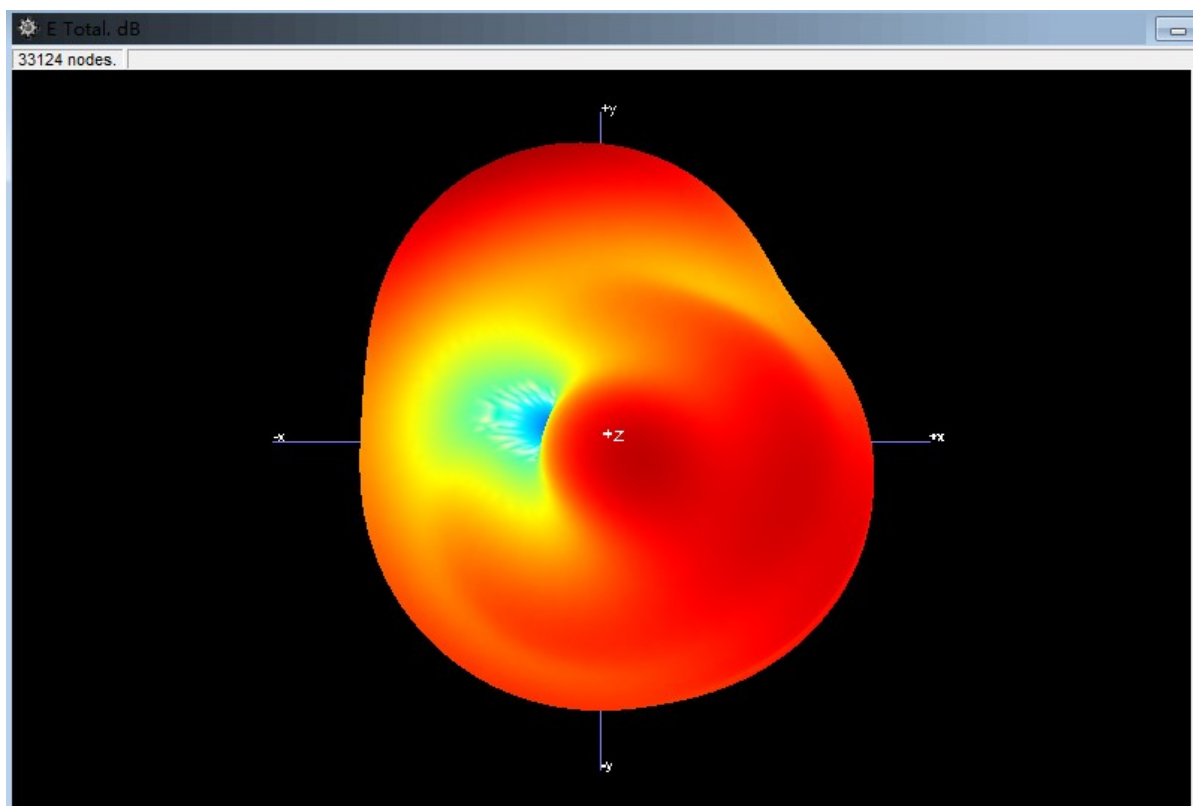
3D:



2.402G



2.441Ghz



2.480Ghz