

深圳市启瑞电子电路板有限公司

Shenzhen Qirui Electronic Circuit Co., LTD

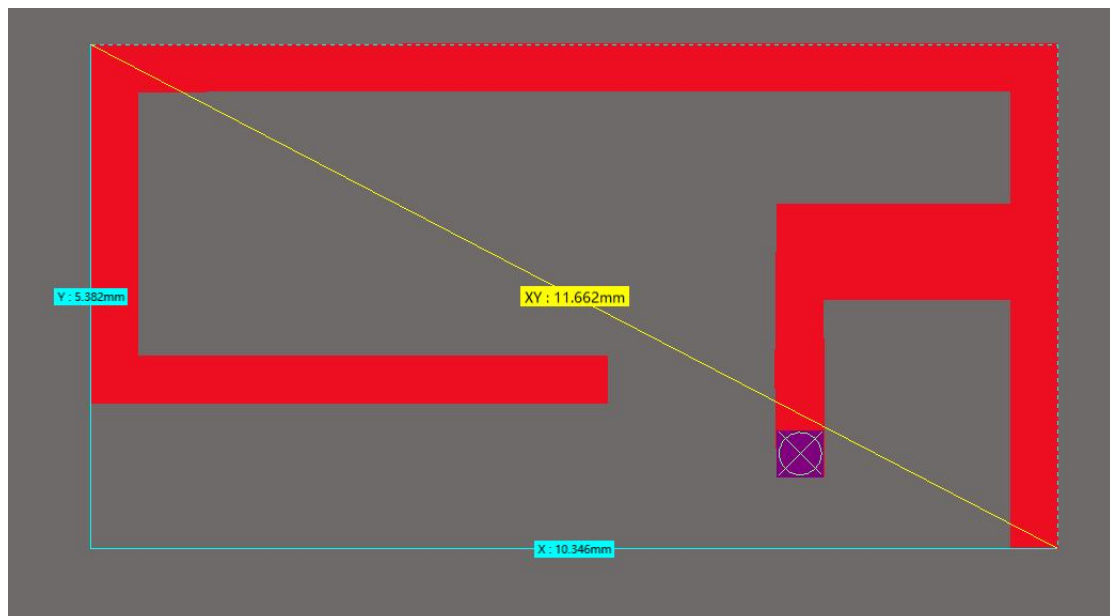
广东省深圳市宝安区松岗街道松宇路 140 号 2A
2A, No.140, Songyu Road, Songgang Street, Baoan District, Shenzhen City,
Guangdong Province

1. Specification

Main technical specifications

Frequency Range (Mhz)	2400-2500
Impedance (Ω)	50
Gain (dBi)	0.54
VSWR	≤ 2.6
Polarization	Linear

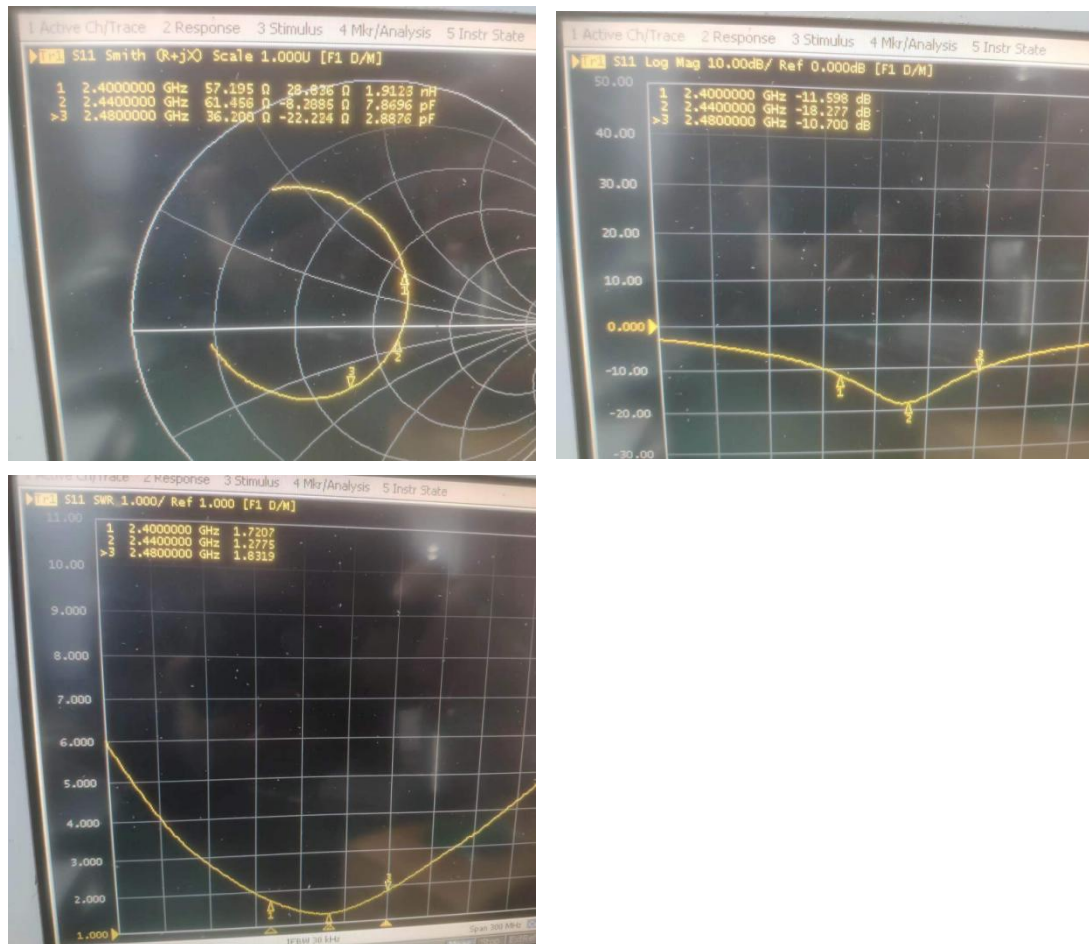
2.Size



Size: 5.382mm*10.346mm

3.Test report (This is a prototype test report only.)

3.1: Network analyzer test report



3.2: Dark room 2D、3D Complete machine data Radiation Pattern

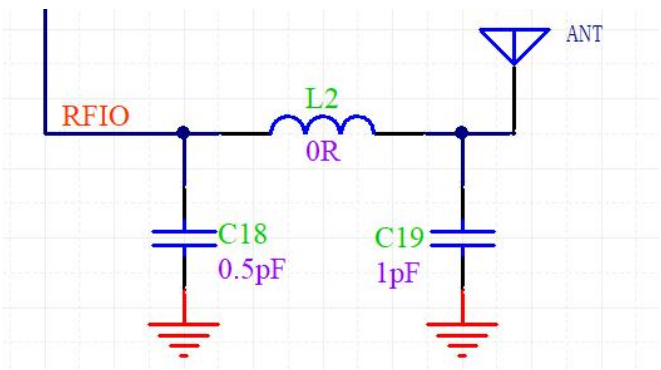
3.2.1 Efficiency and gain

Frequency (MHz)	2400	2450	2500
PK. Gain (dBi)	-1.2	-0.01	0.54
Efficiency (%)	39.72	46.4	53.26

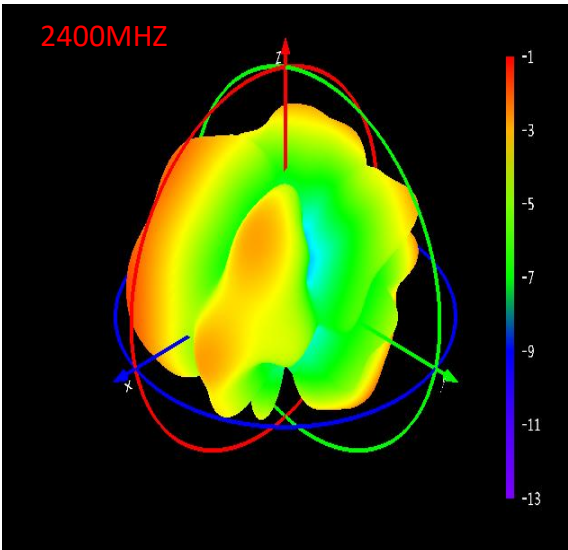
3.2.2 Active test report

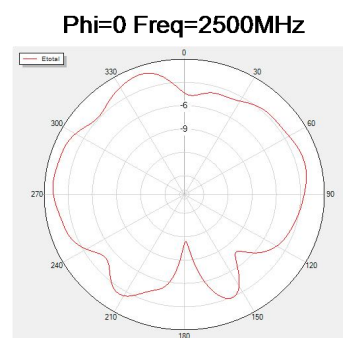
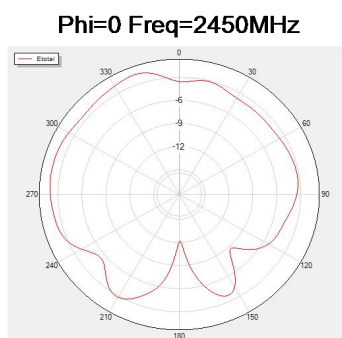
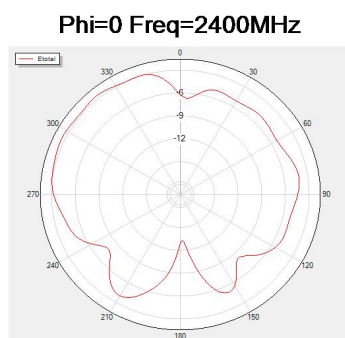
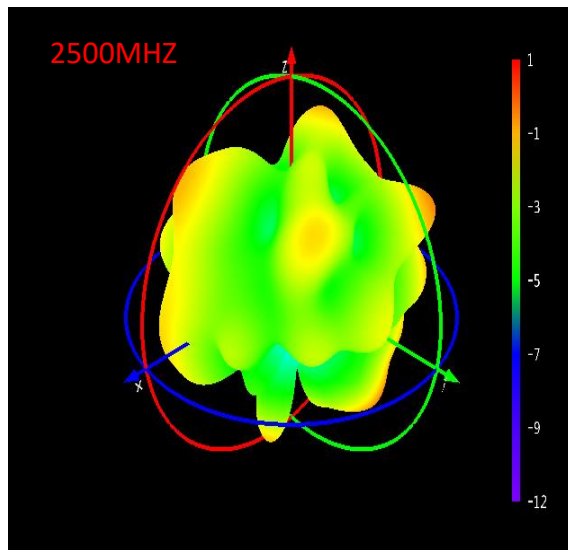
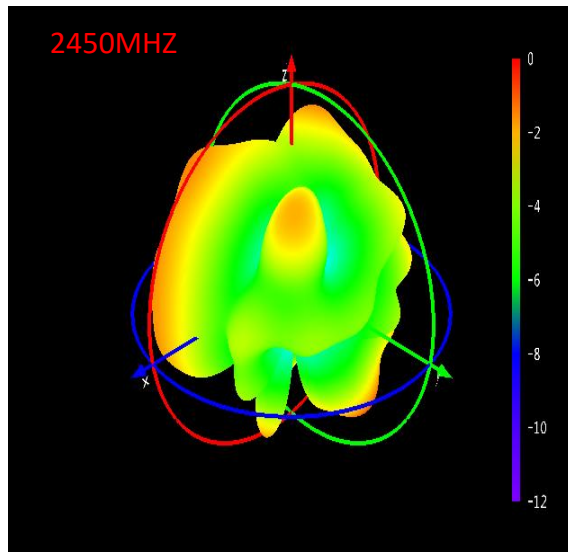
Headset				
	Head mold		Free	
channel	TRP	TIS	TRP	TIS
0	4.24	-87.19	5.02	-87.94
39	6.32	-90.89	7.02	-92
78	6.88	-90.76	7.65	-91.45

3.2.3 Matching circuit

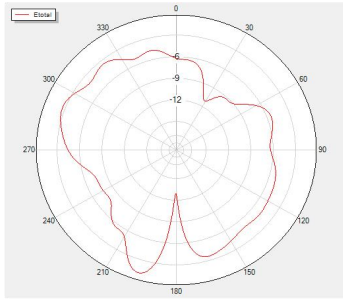


3.2.4 2D/3D Field pattern diagram

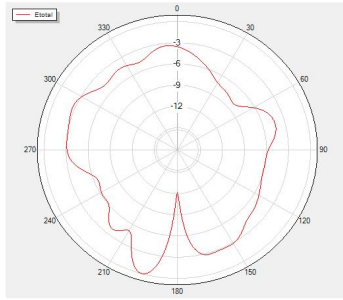




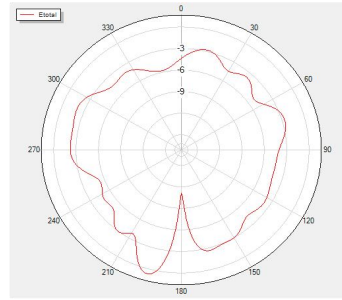
Phi=90 Freq=2400MHz



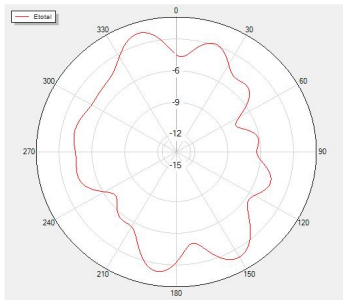
Phi=90 Freq=2450MHz



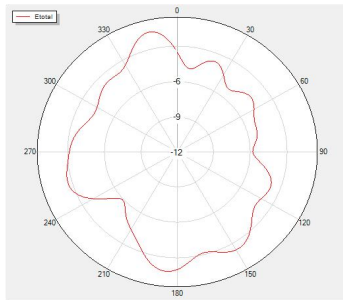
Phi=90 Freq=2500MHz



Theta=90 Freq=2400MHz



Theta=90 Freq=2450MHz



Theta=90 Freq=2500MHz

