
Antenna Gain Test Report

Product Name: 2.4G Antenna

Product Model: /

Manufacture: Shenzhen Ruidu Intelligent Technology Co., Ltd

Address: 417, A, B, C Building, B area, Yuanfen industry, Gaofeng District,
Dalang Street, Longhua District, Shenzhen City, China

Antenna Type: Internal Antenna

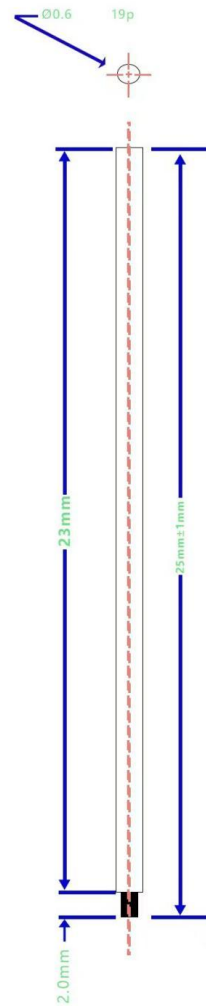
Project Engineer: James Qin

Test Engineer: Burt Hu

Date of Tested: 2024.5.19

Issued Date: 2024.5.19

Antenna size diagram

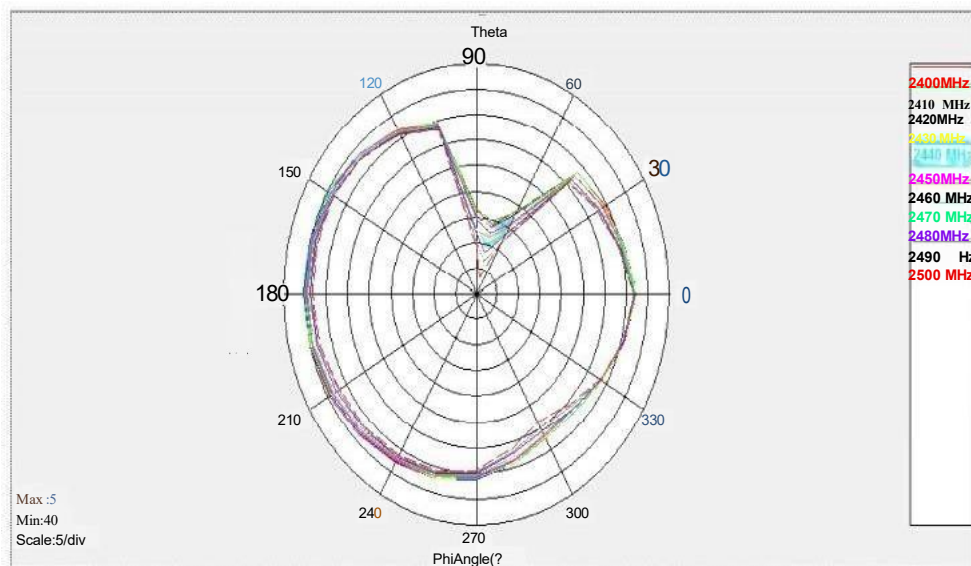


Test Result

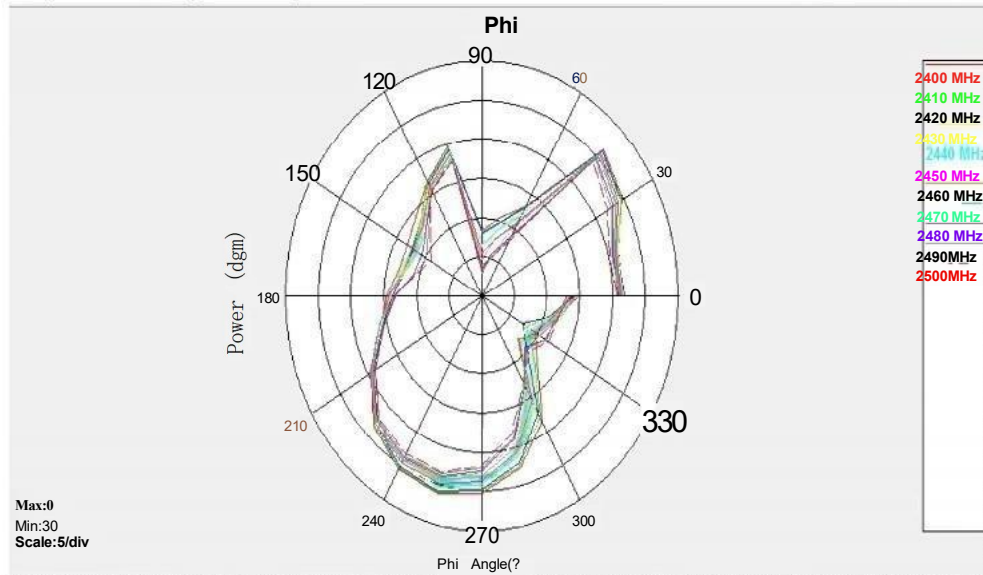
Frequency (MHz)	Efficiency (%)	Gain (dBi)
2400	55.66	-2.03
2410	55.31	-2.07
2420	55.02	-2.06
2430	53.93	-2.02
2440	52.48	-1.90
2450	50.26	-1.64
2460	47.68	-1.38
2470	44.96	-1.10
2480	42.68	-0.82
2490	40.83	-0.63
2500	39.16	0.17

Polarization Pattern Photos

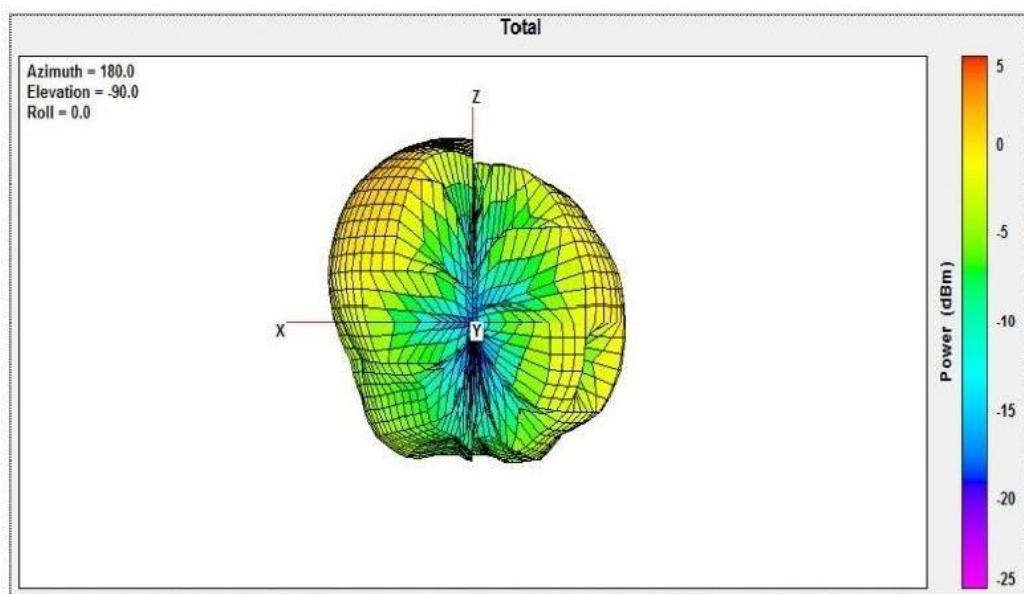
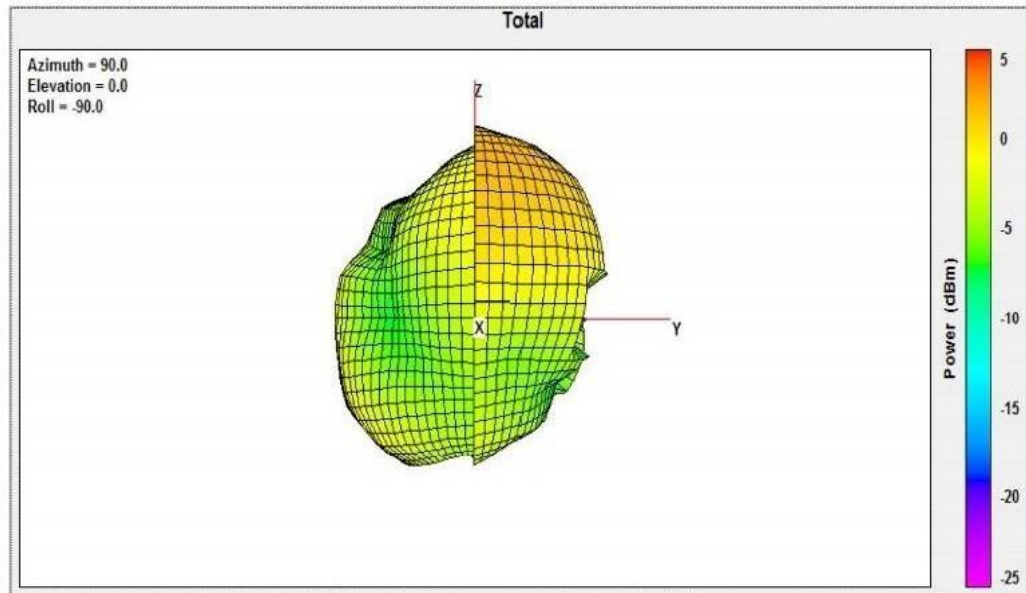
Theta Polarization(Theta Angle=90°)

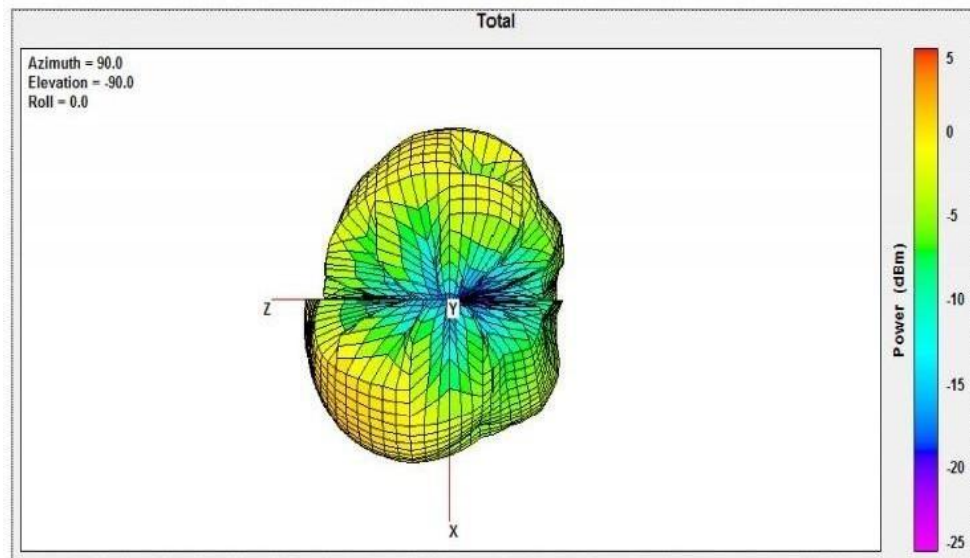


Phi Polarization(Theta Angle=90°)



Total 3D Plot(Fre.2410MHz)





Photo



END OF REPORT