

Antenna Specification

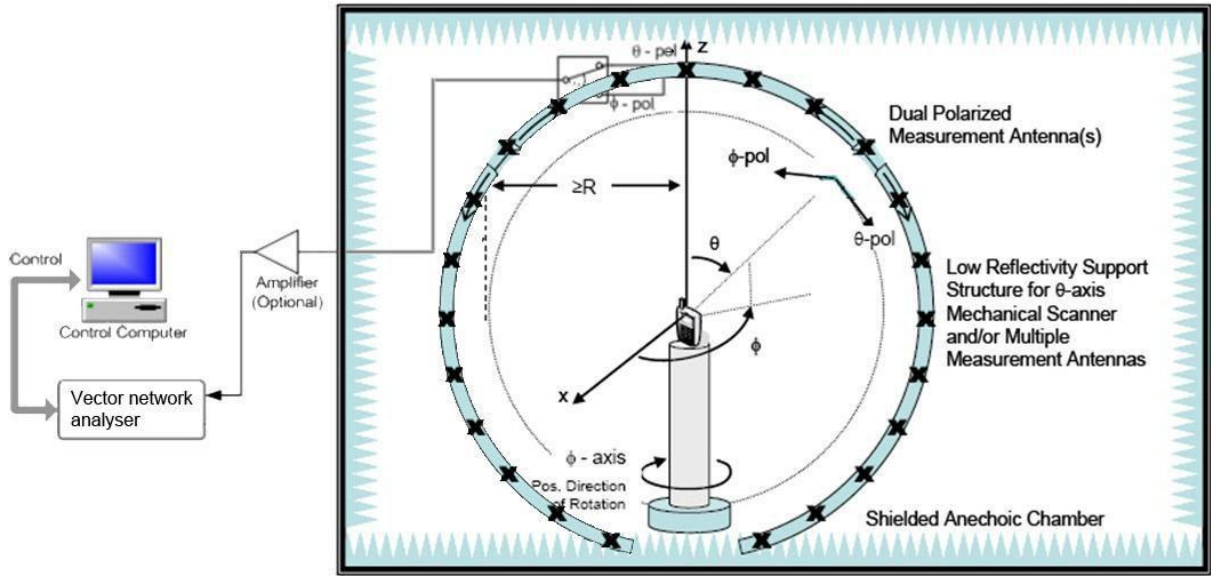
ITEM	ANT SPEC	
Model Name	2.4G ANT	
Center Frequency	2402MHz	
Operating Frequency	2400MHz-2404MHz	
OCW	N/A	
Operating Temperature Range	125°C	
Number of channels	1	
Antenna Assembly	Type	PCB antenna
	Gain	-7.5dBi
Output power	≤3dBm	
Modulation Type	GFSK	
Adaptivity	N/A	
Polarization	Linear Polarization	
Azimuth Beam Pattern	Directional	
Impedance	50 Ohm	
Antenna Size	20.38mm*6mm	
Manufacture	Zhongshan Xinjin Technology Co., Ltd. 1st, 5th Floor, Building B, No. 1 Dongsan Road, Gangnan Industrial Avenue, Guzhen Town, Zhongshan City	
Trademark	 鑫锦科技 XIN JIN TECHNOLOGY	

Test Results

Gain

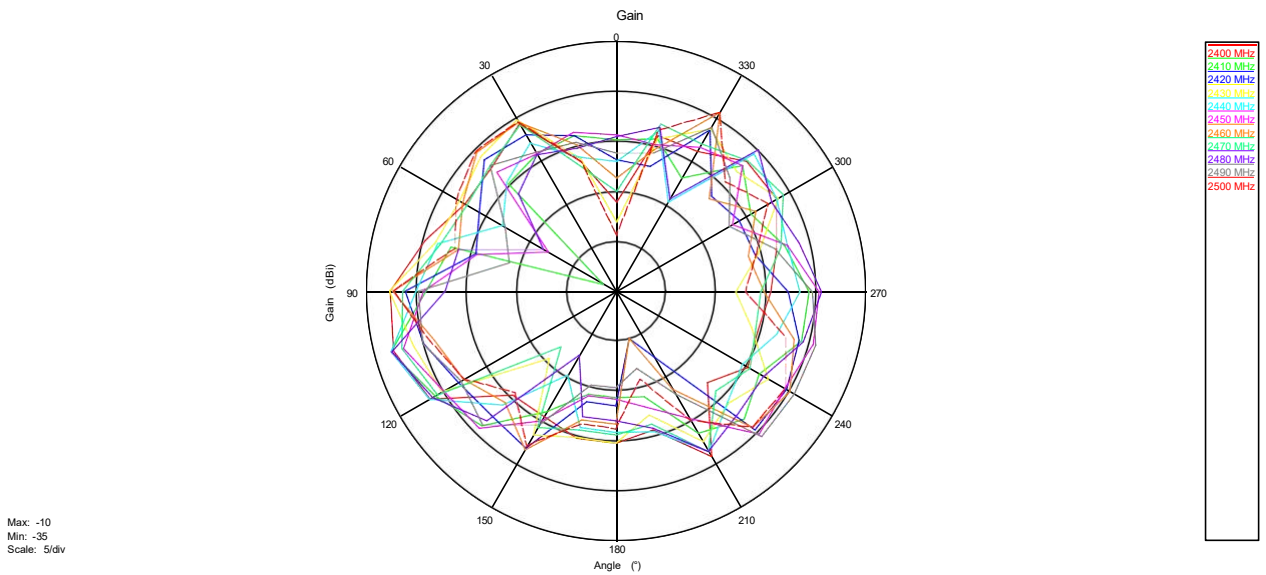
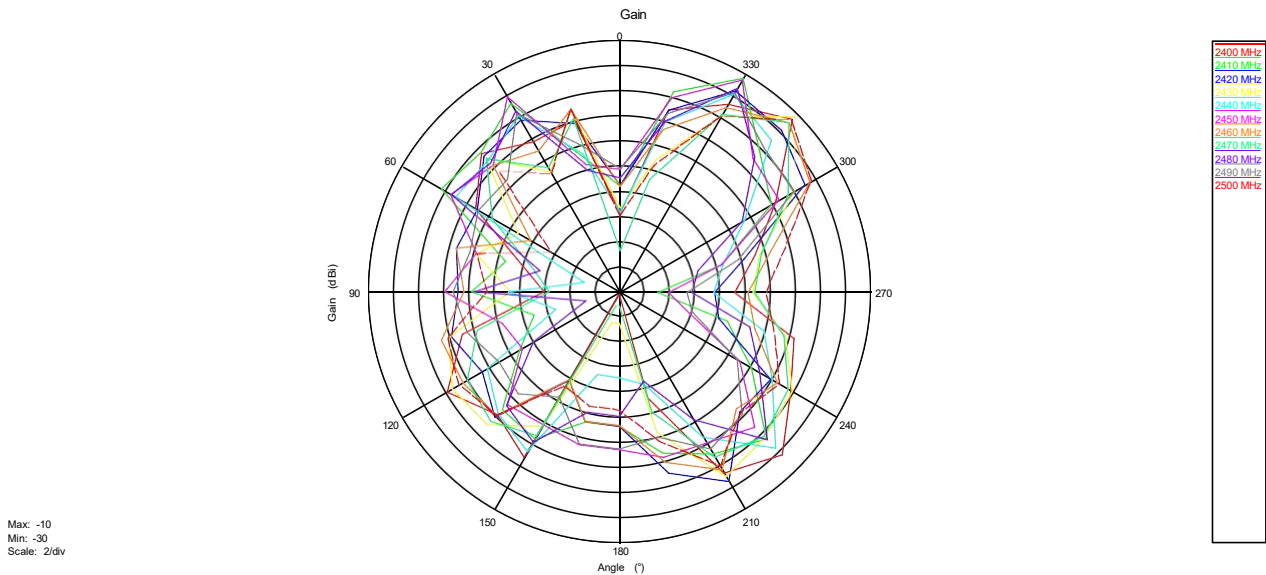
Frequency (MHz)	Gain(dBi)
2400	-7.18
2410	-8.19
2420	-8.04
2430	-8.66
2440	-7.92
2450	-8.44
2460	-9.13
2470	-8.73
2480	-8.40
2490	-8.95
2500	-9.13

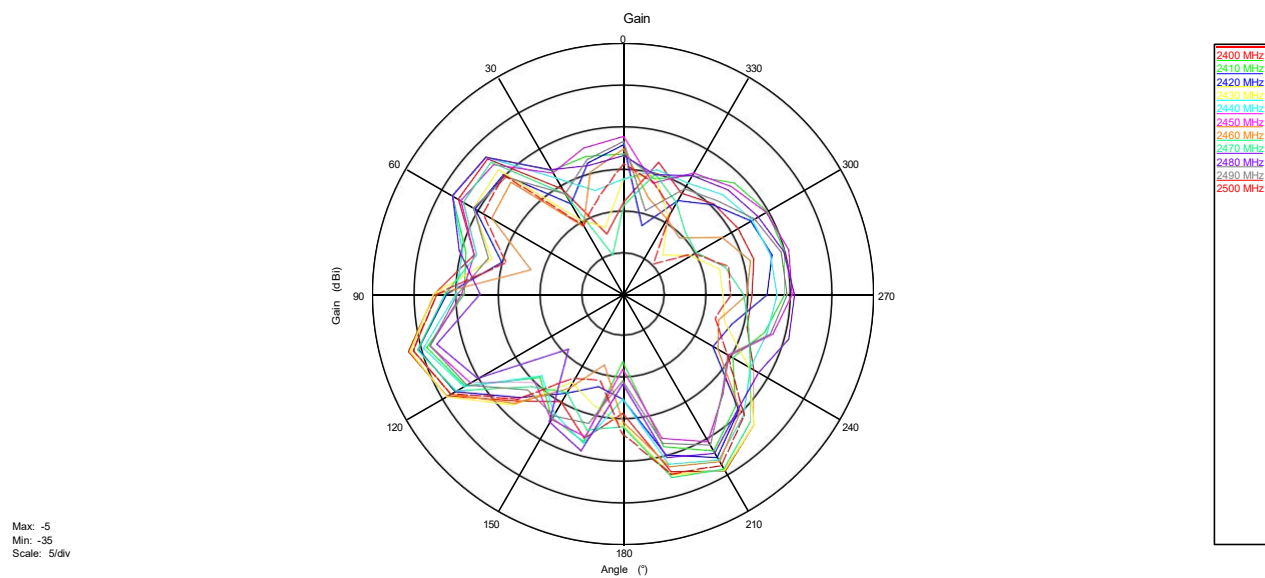
Annex A Test Setup Photos



Annex B Figures

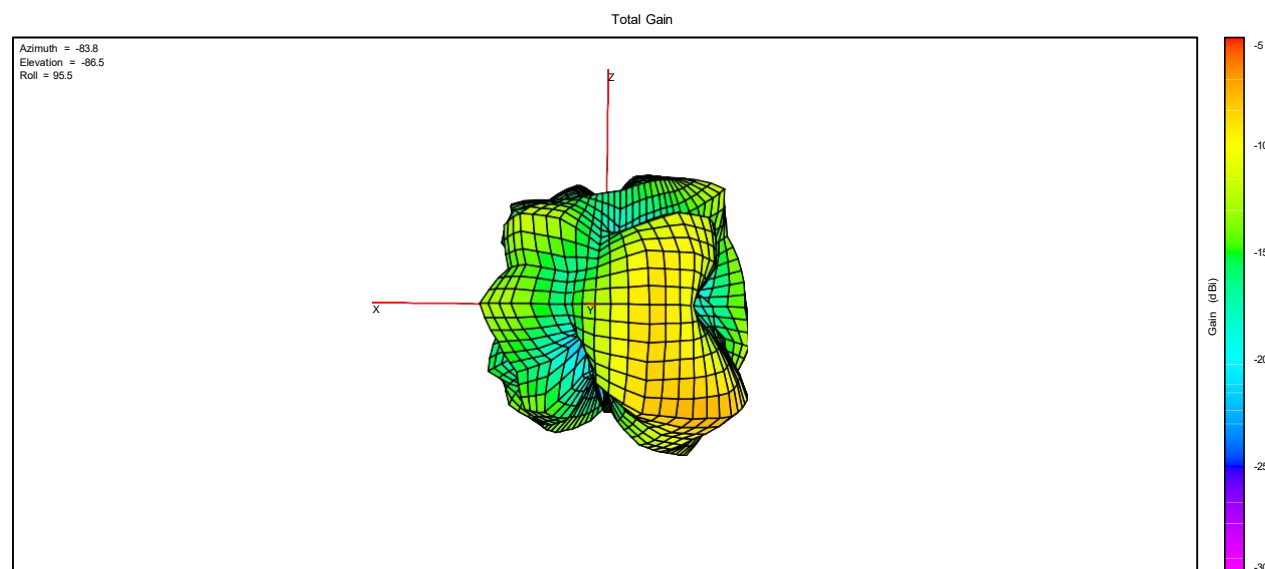
1. 2D Radiation Pattern

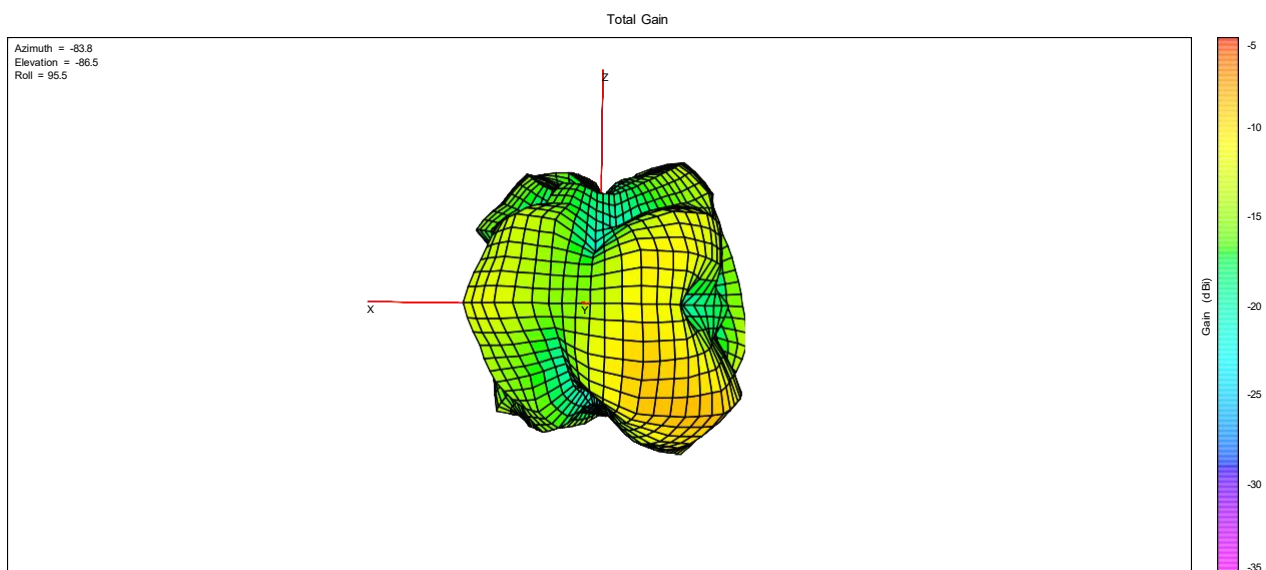




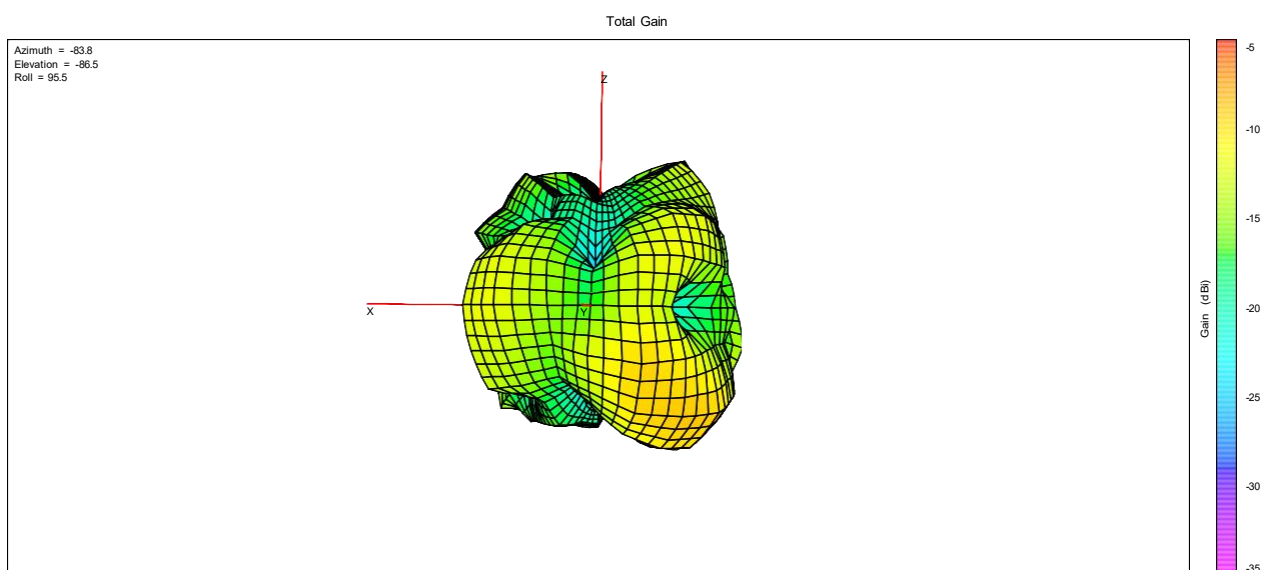
Theta=90°

2. 3D Radiation Pattern





2440MHz



2480MHz

Antenna size

