

Antenna Specification

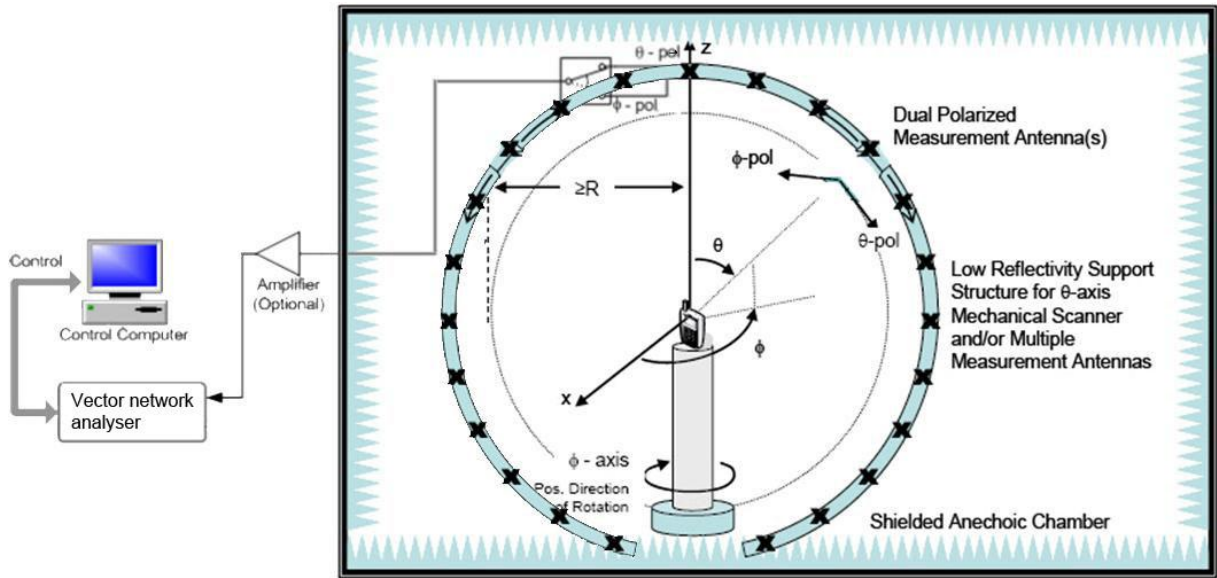
ITEM	ANT SPEC	
Model Name	2.4G ANT	
Center Frequency	2440MHz	
Operating Frequency	2400-2480MHz	
OCW	N/A	
Operating Temperature Range	125℃	
Number of channels	1	
Antenna Assembly	Type	PCB antenna
	Gain	-7.18dBi
Output power	$\leq 3\text{dBm}$	
Modulation Type	GFSK	
Adaptivity	N/A	
Polarization	Linear Polarization	
Azimuth Beam Pattern	Directional	
Impedance	50 Ohm	
Antenna Size	5mm*11mm	
Manufacture	Jiangmen Changsheng Wire Co., Ltd.	
Adress	No. 8,Lane 8,Shangwanli,Waihai Subdistrict,Jianghai District,Jiangmen City,Guangdong Province,China	

Test Results

Gain

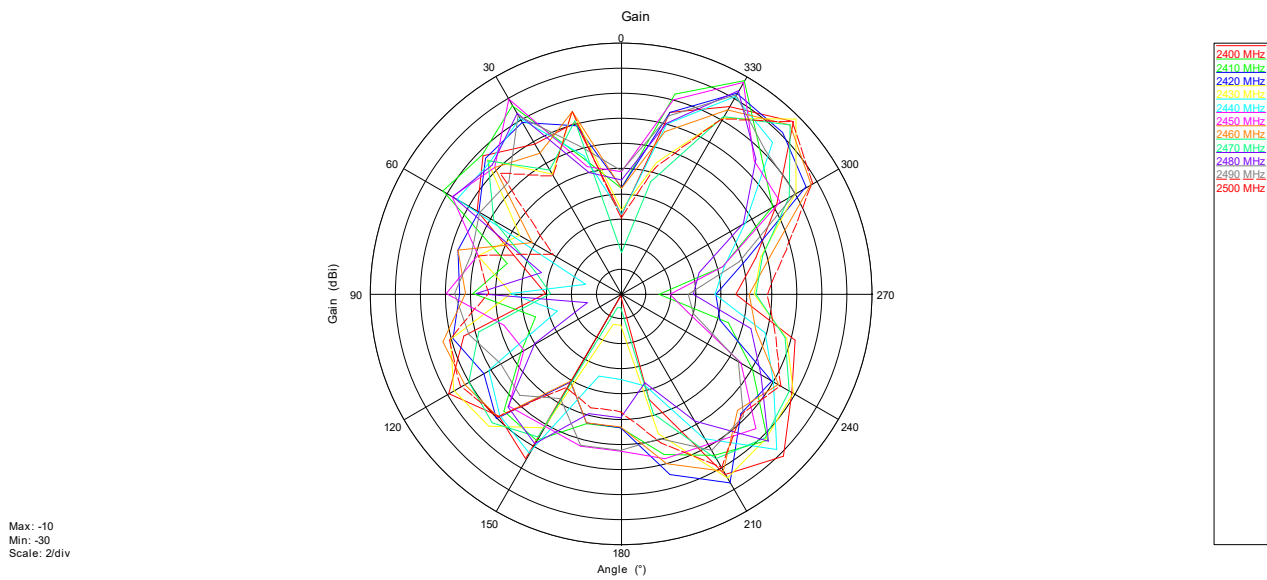
Frequency (MHz)	Gain(dBi)
2400	-7.18
2410	-8.19
2420	-8.04
2430	-8.66
2440	-7.92
2450	-8.44
2460	-9.13
2470	-8.73
2480	-8.40
2490	-8.95
2500	-9.13

Annex A Test Setup Photos

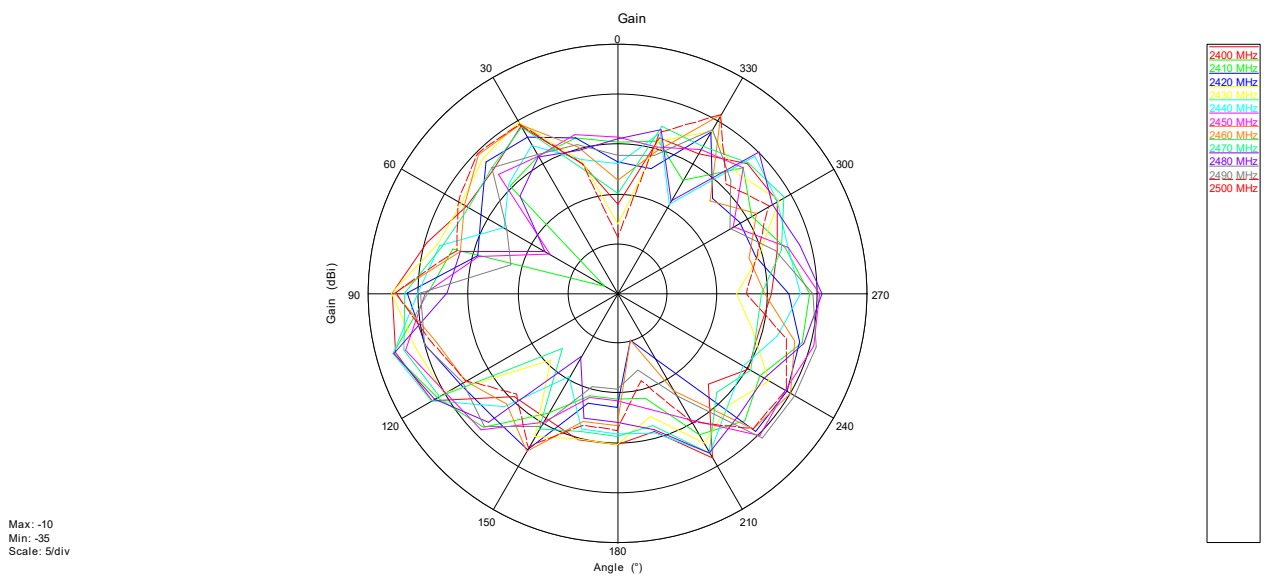


Annex B Figures

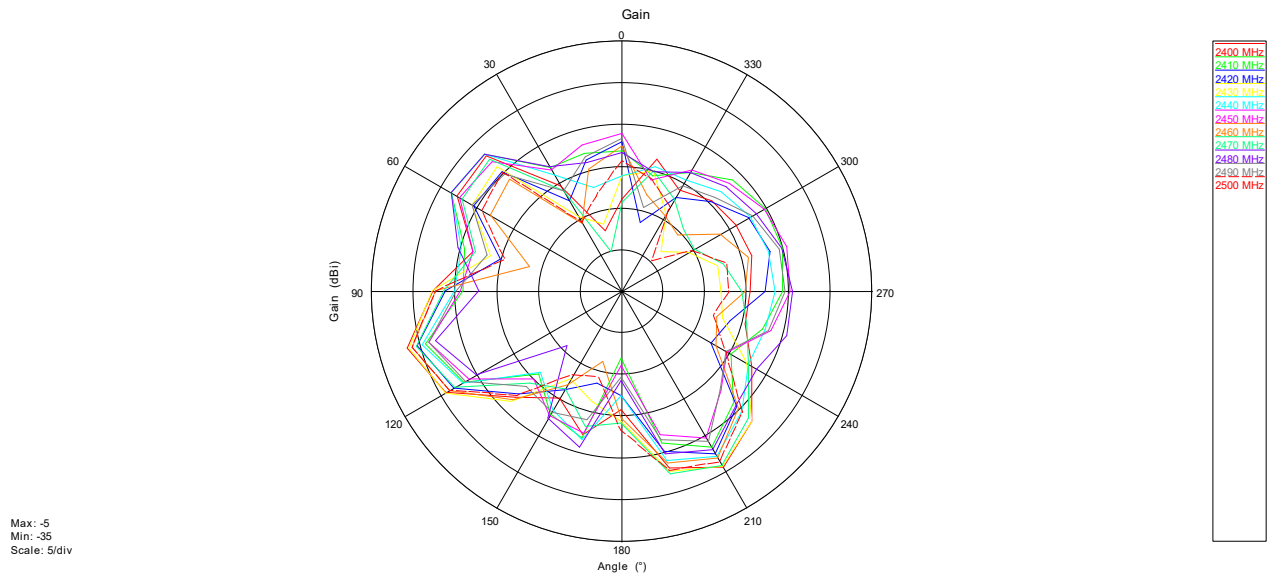
1. 2D Radiation Pattern



Phi=0°

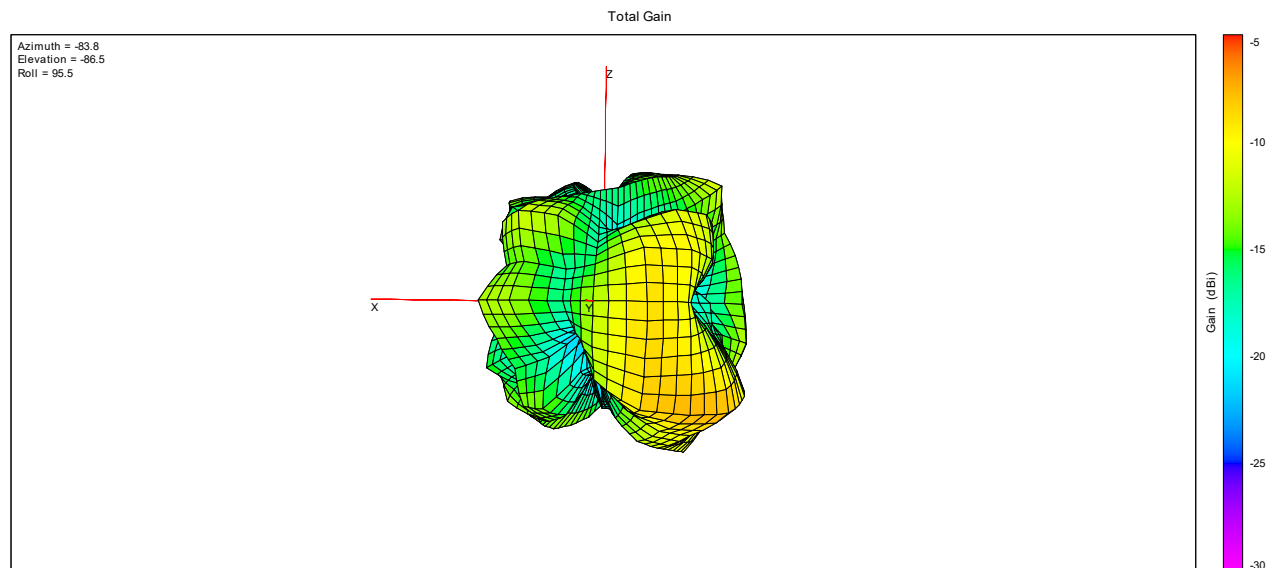


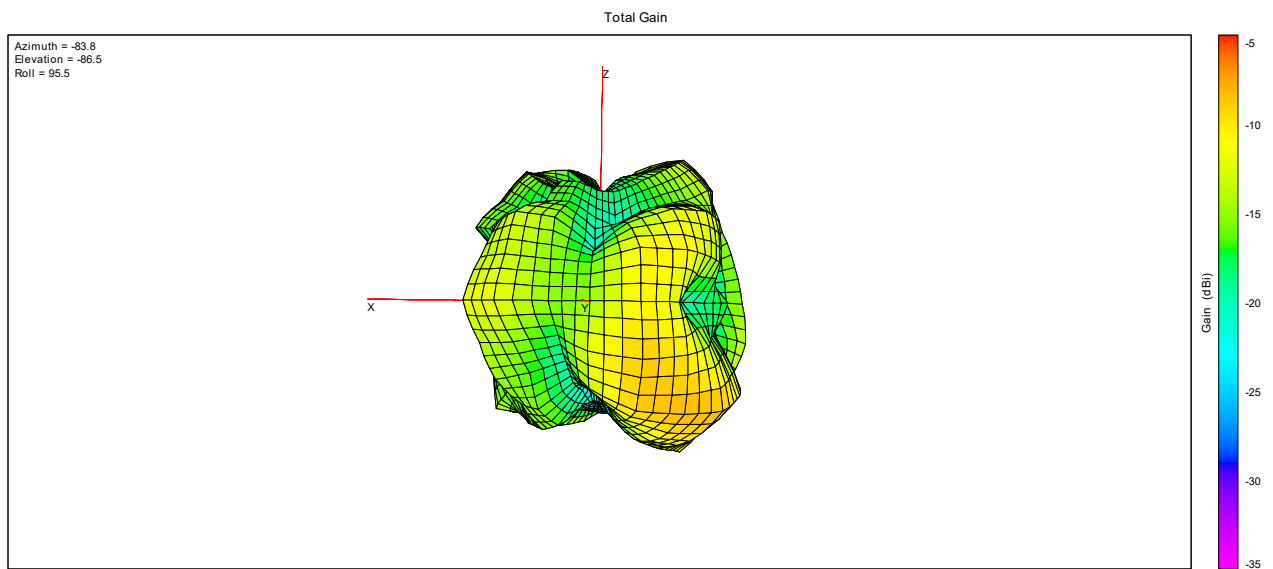
Phi=90°



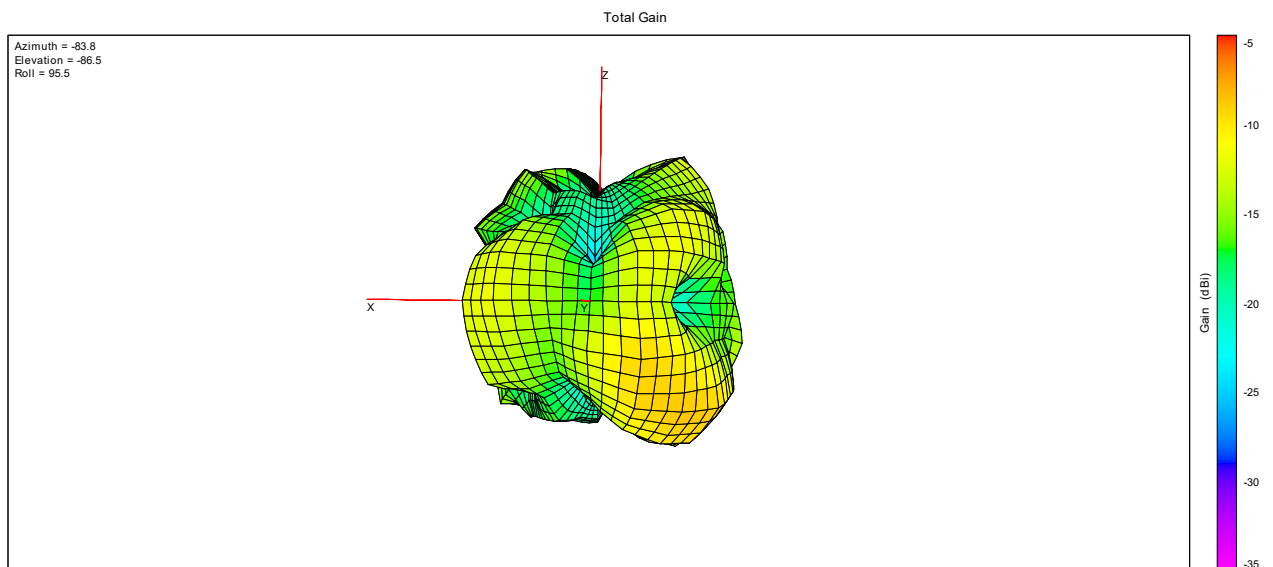
Theta=90°

2. 3D Radiation Pattern





2440MHz



2480MHz

Antenna size

