Antenna Specification

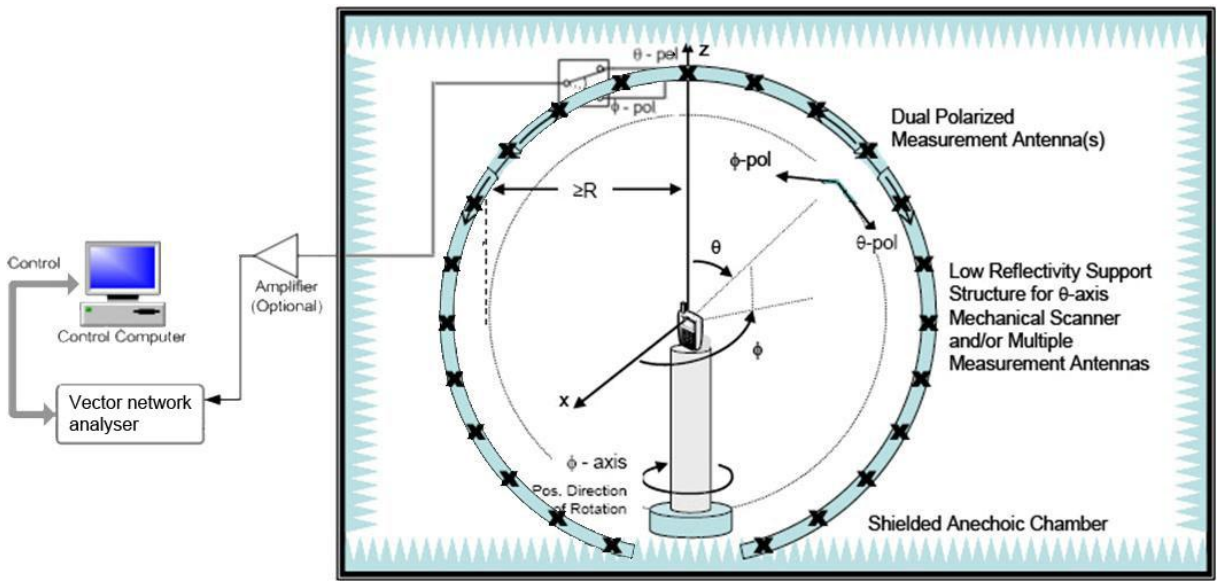
ITEM	ANT SPEC	
Model Name	2.4G ANT	
Center Frequency	2402MHz	
Operating Frequency	2400MHz-2404MHz	
OCW	N/A	
Operating Temperature Range	125℃	
Number of channels	1	
Antenna Assembly	Type	PCB antenna
	Gain	-7.18dBi
Output power	≤3dBm	
Modulation Type	GFSK	
Adaptivity	N/A	
Polarization	Linear Polarization	
Azimuth Beam Pattern	Directional	
Impedance	50 Ohm	
Antenna Size	29.54mm*12.62mm	
Manufacture	Zhongshan Fentengda Electronic Technology Co., Ltd. Area A, 3th Floor, Wanwei LED Lighting Plaza, Zhongshan City, No. 59, Tongxing Road, Guzhen Town, Zhongshan City	
Trademark	奋腾达 FENTENGDA	

Test Results

Gain

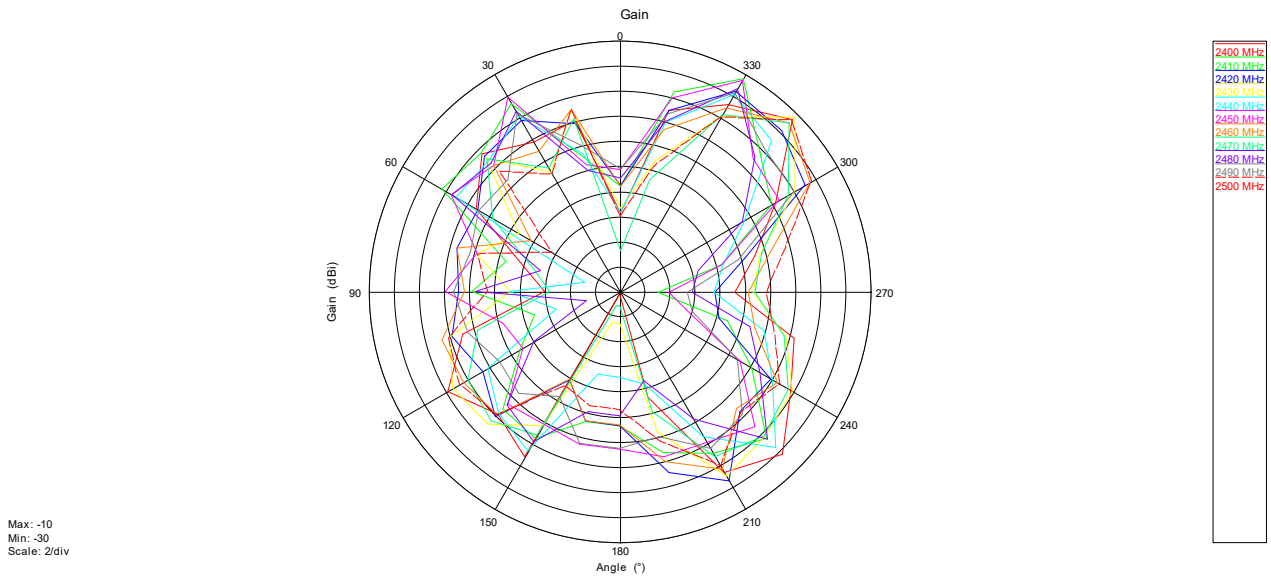
Frequency (MHz)	Gain(dBi)
2400	-7.18
2410	-8.19
2420	-8.04
2430	-8.66
2440	-7.92
2450	-8.44
2460	-9.13
2470	-8.73
2480	-8.40
2490	-8.95
2500	-9.13

Annex A Test Setup Photos

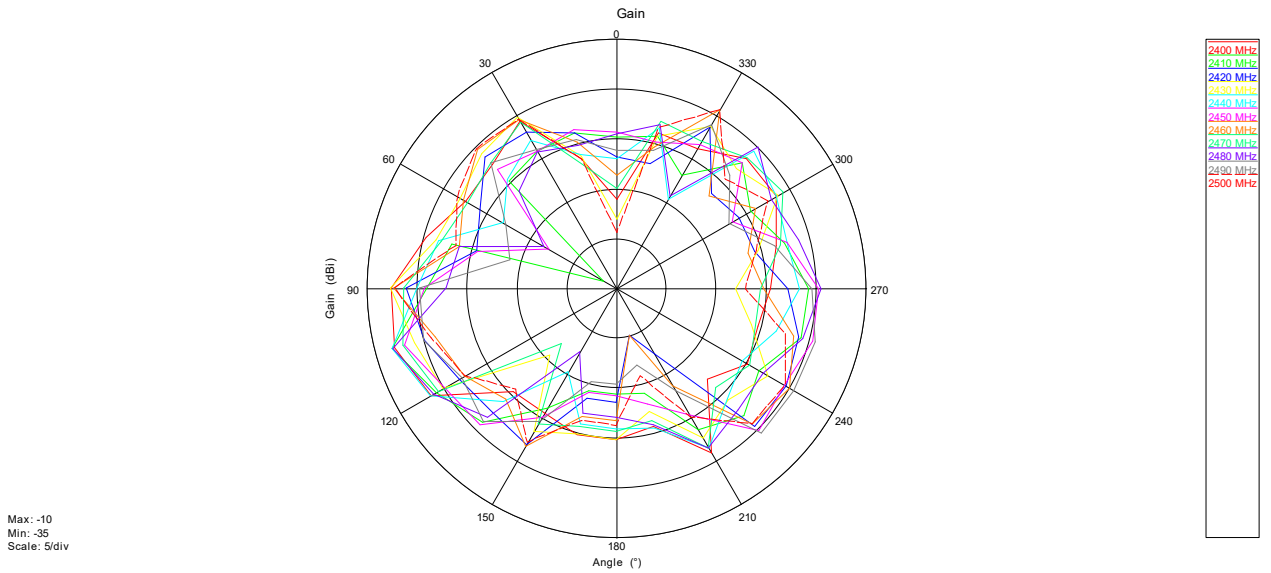


Annex B Figures

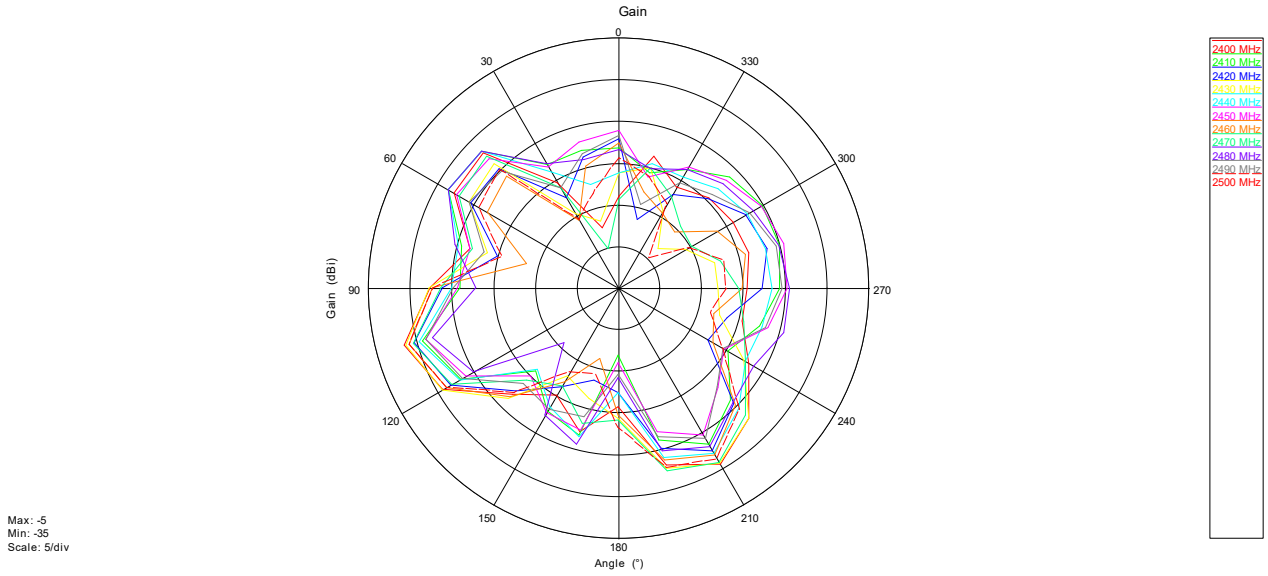
1. 2D Radiation Pattern



Phi=0°

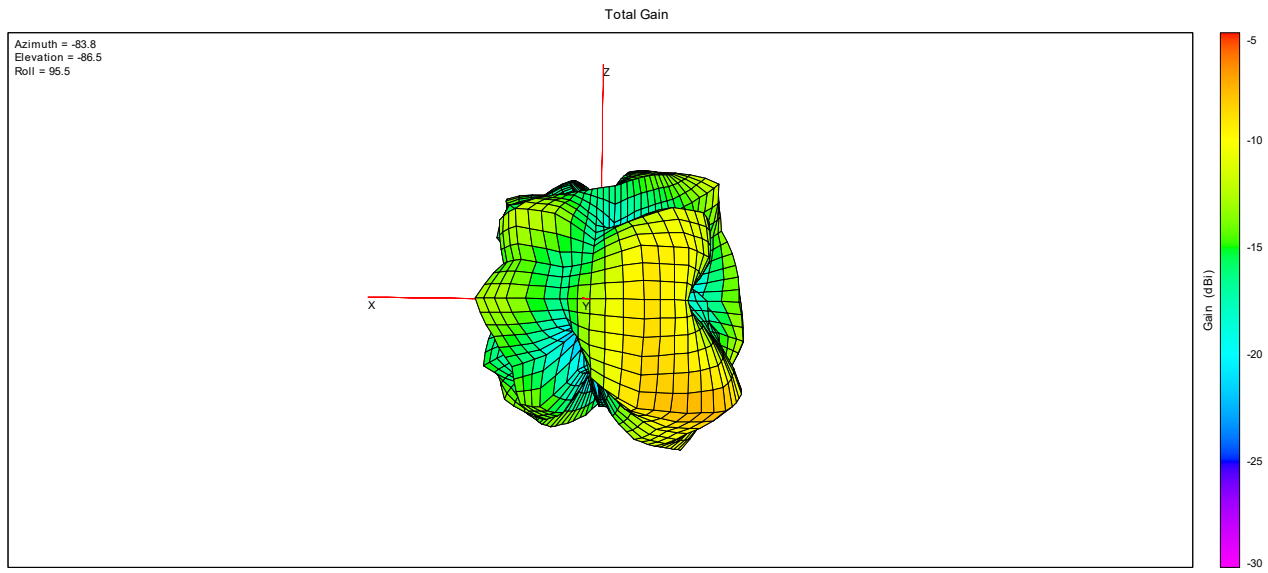


Phi=90°

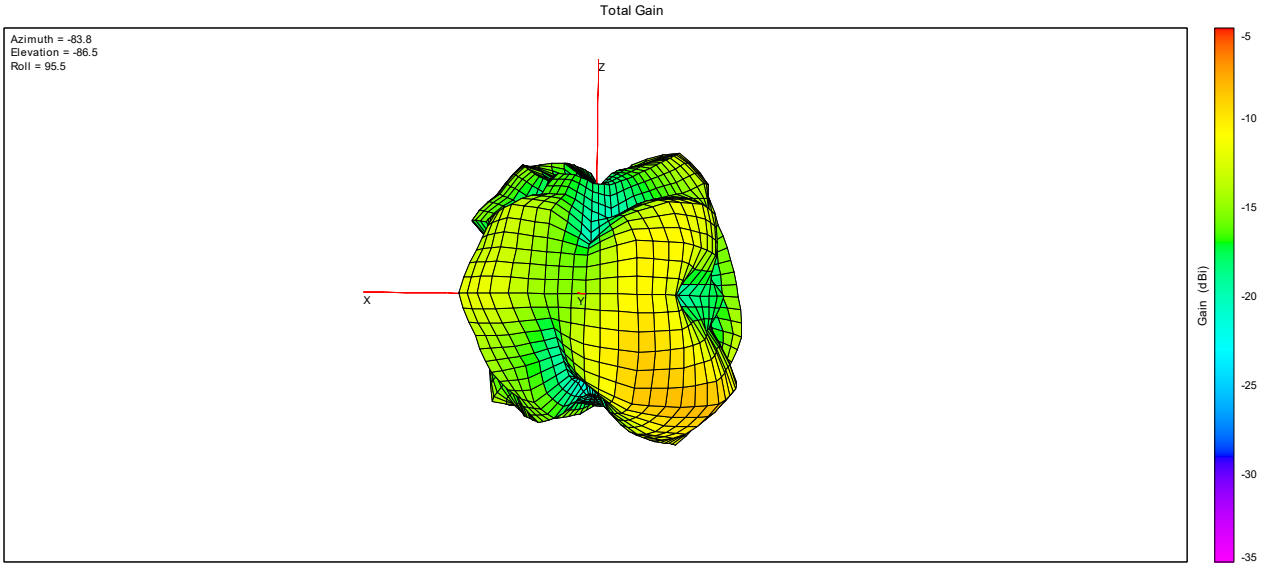


Theta=90°

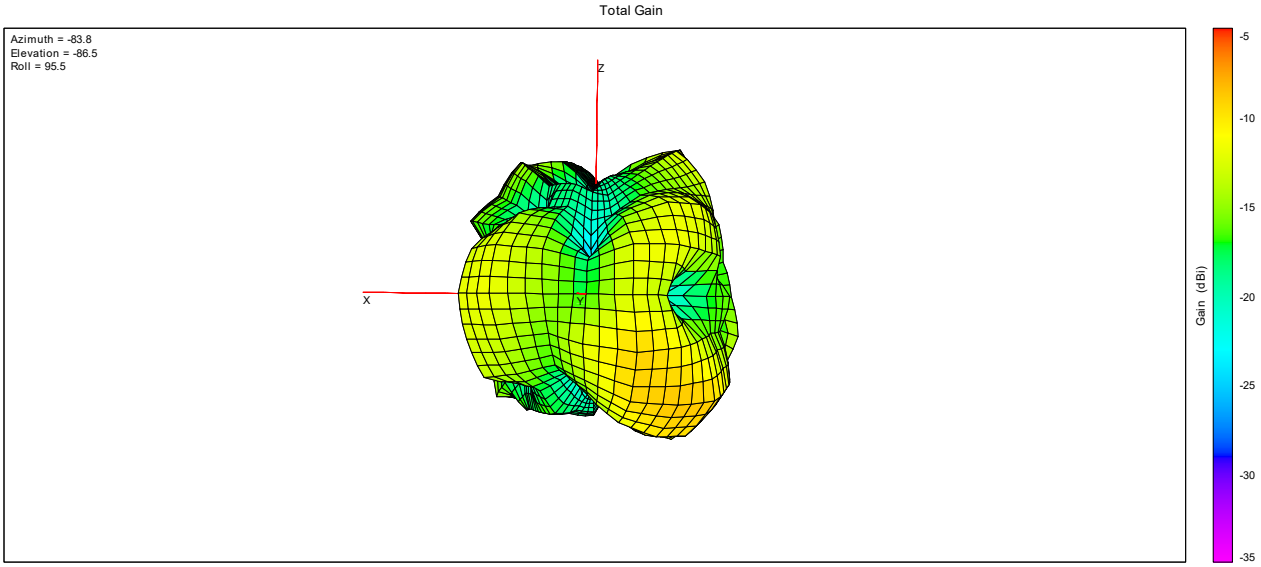
2. 3D Radiation Pattern

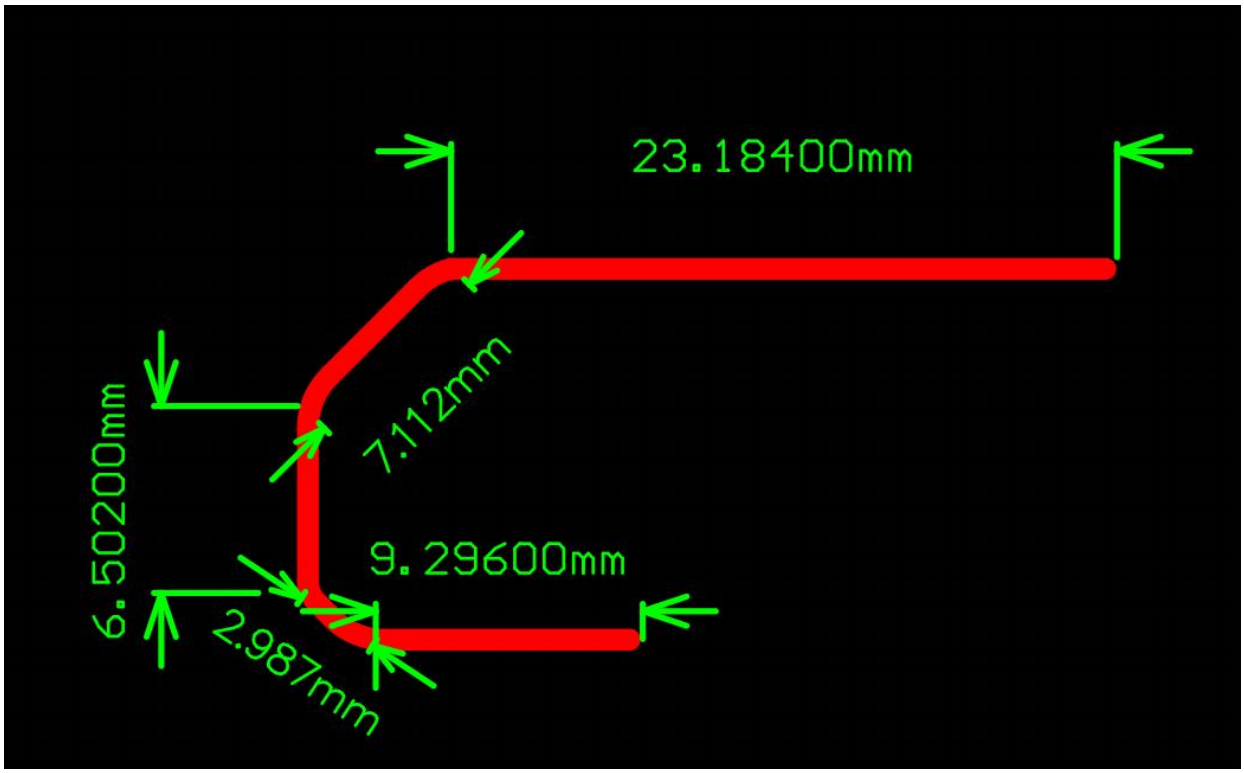


2400MHz



2440MHz



2480MHz

Antenna size