

Antenna Report

Specification		
Model	A108_BT_ANT	
Impedance	50Ω	
Test environment	Free space	
Freq. Range	2.4-2.5GHz	
Antenna type	PCB Antenna	
VSWR	2.4-2.5GHz < 3.0	
Gain	2.56dBi(Peak gain)	
Manufacturer	Xi'an Fengyu Information Technology Co.,Ltd	

Antenna (Size:17*7mm)



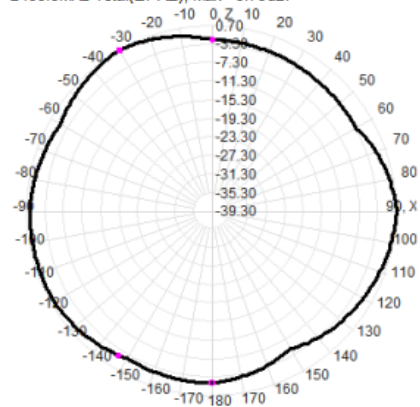
Gain Result

Frequency(MHz)	Gain(dBi)
2400	0.71
2410	0.96
2420	1.26
2430	1.32
2440	1.53
2450	1.92
2460	2.13
2470	2.37
2480	2.51
2490	2.50
2500	2.56

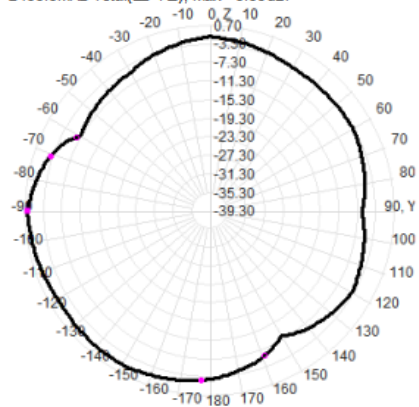
POLAR RADIATION PATTERN

FREQUENCY=2400MHZ

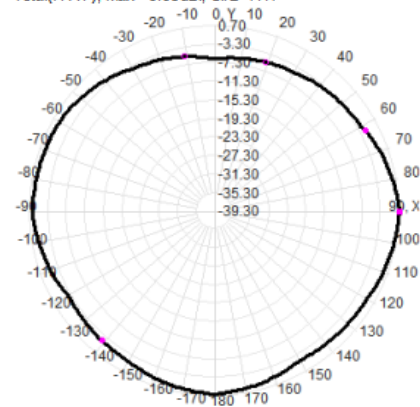
2400.0MHz Total(E1-XZ), Max= 0.70dBi



2400.0MHz Total(E2-YZ), Max= 0.09dBi

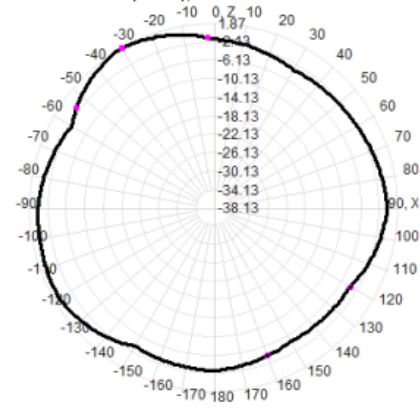


Total(H-XY), Max= 0.63dBi, CirD=7.17

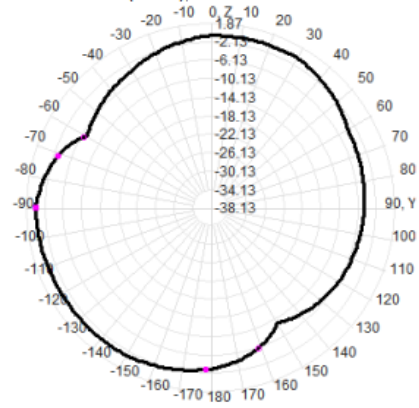


FREQUENCY=2450MHZ

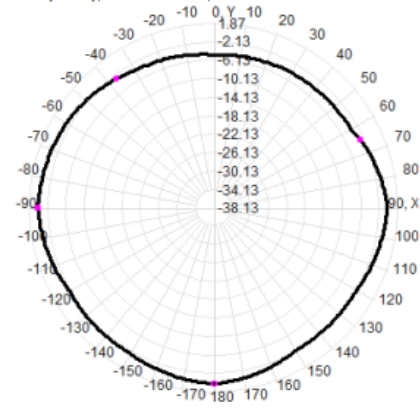
2450.0MHz Total(E1-XZ), Max= 1.87dBi



2450.0MHz Total(E2-YZ), Max= -0.16dBi

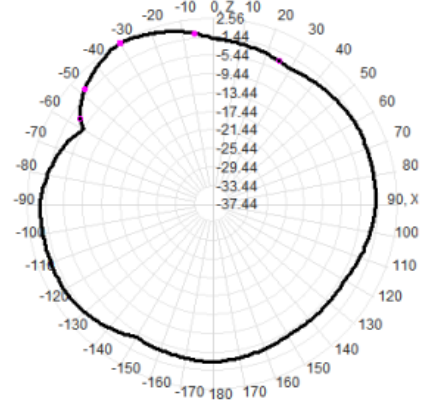


Total(H-XY), Max= -0.04dBi, CirD=4.96

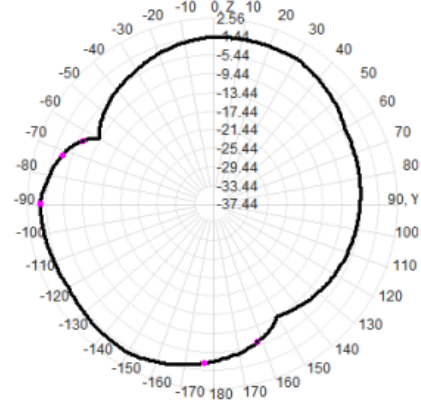


FREQUENCY=2500MHZ

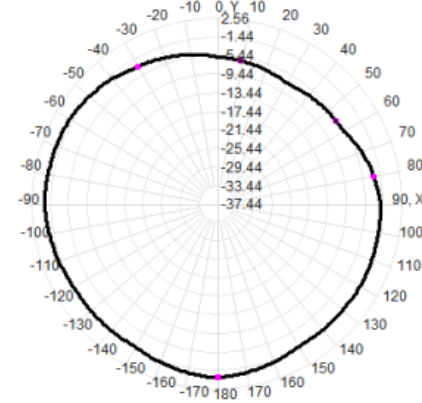
2500.0MHz Total(E1-XZ), Max= 2.56dBi



2500.0MHz Total(E2-YZ), Max= -0.20dBi



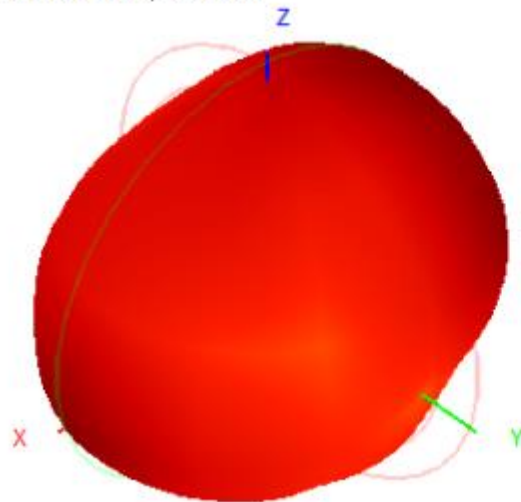
Total(H-XY), Max= -0.20dBi, CirD=7.18



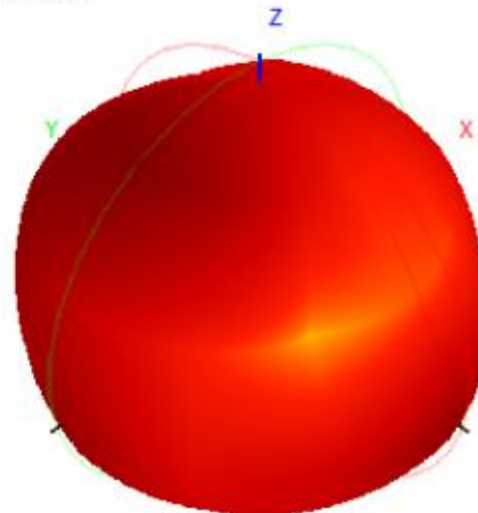
RADIATION PATTERN

FREQUENCY=2400MHZ

2400.0MHz H+V, Eff: 55.3%

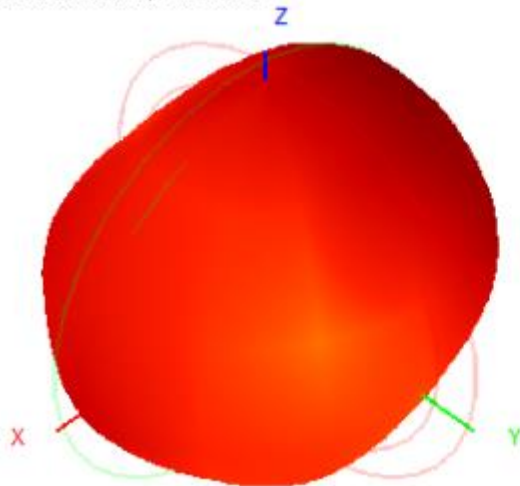


Back View

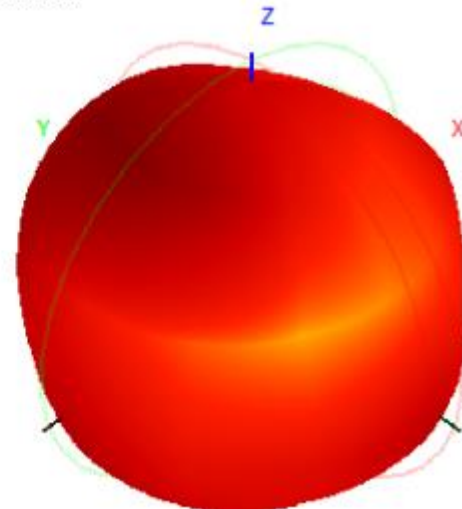


FREQUENCY=2450MHZ

2450.0MHz H+V, Eff: 57.3%

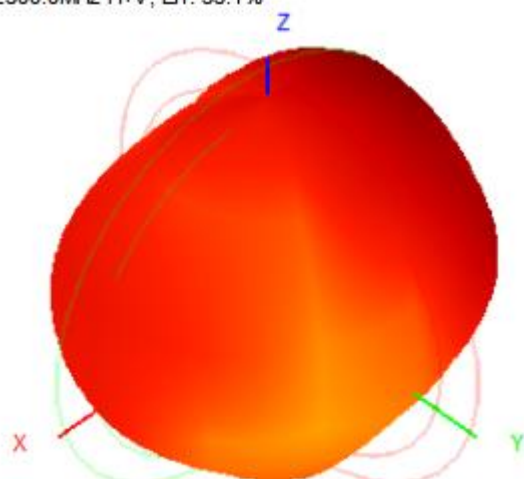


Back View



FREQUENCY=2500MHZ

2500.0MHz H+V, Eff: 53.1%



Back View

