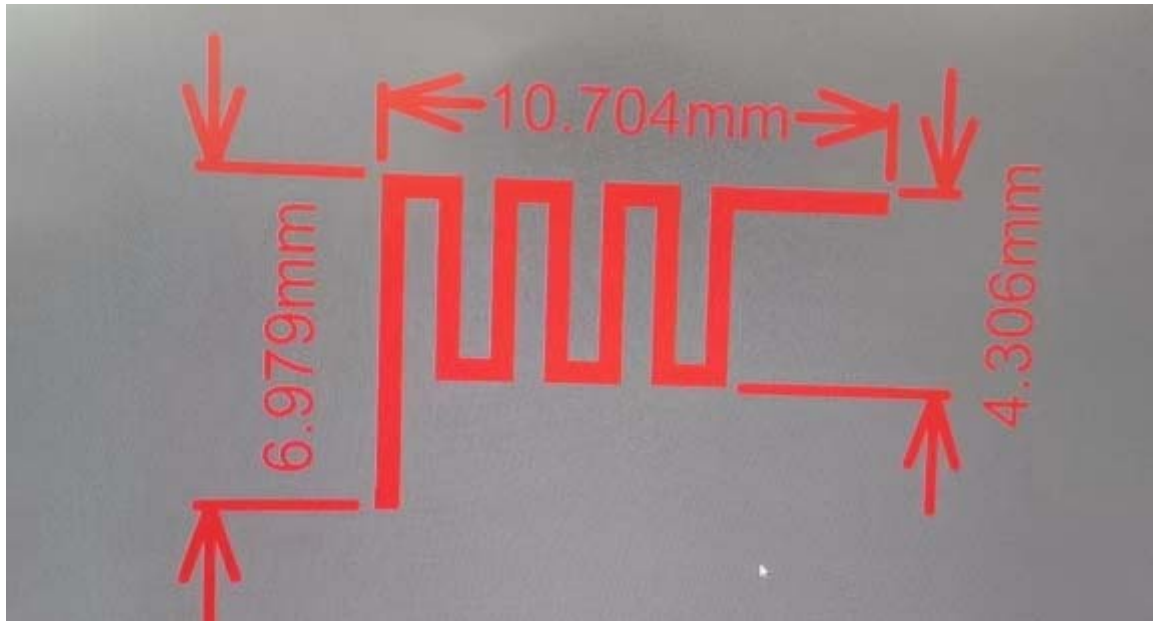


Antenna Report

Specification		
Model	CK103A/CK82A	
Impedance	50Ω	
Test environment	Free space	
Freq. Range	2.4-2.5GHz	
Antenna type	PCB Antenna	
VSWR	2.4-2.5GHz < 2.0	
Gain	Antenna: -0.88dBi(Peak gain)	
Manufacturer	HENG YU NEW	

Antenna

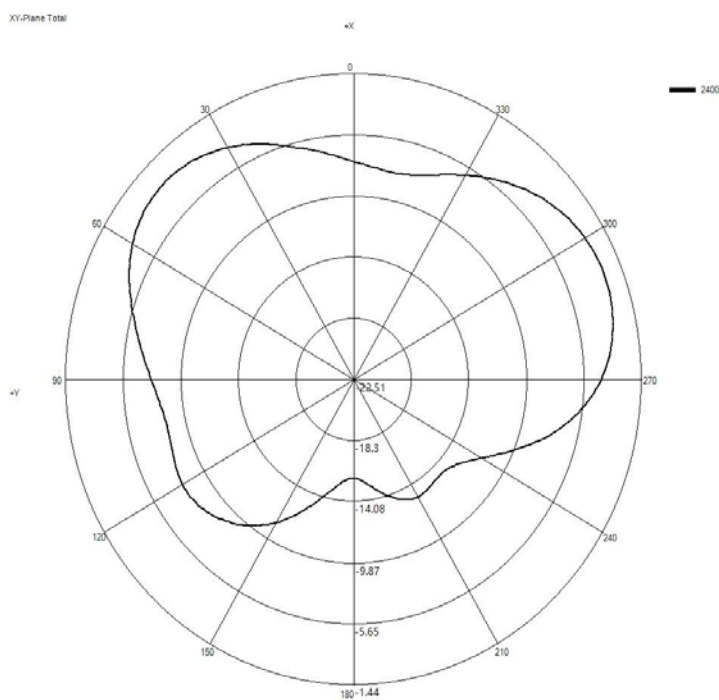


Antenna

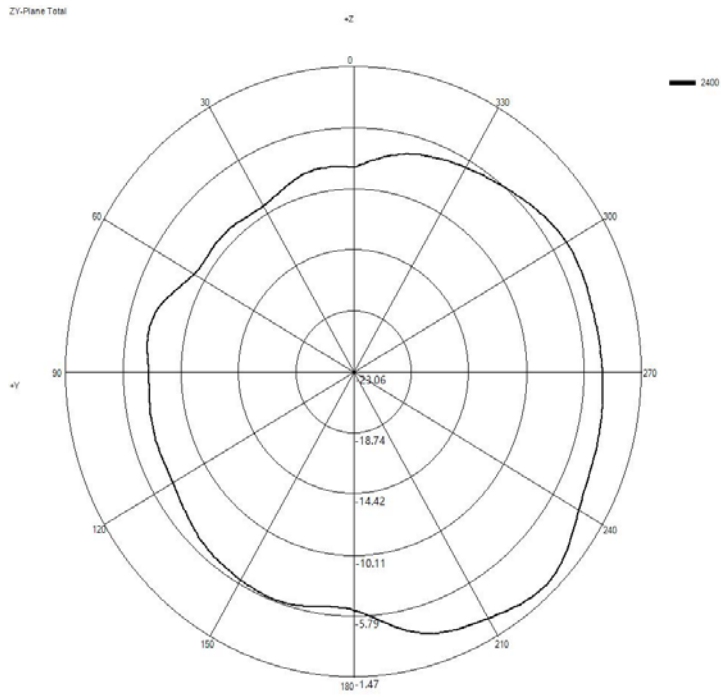
Freq (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
2400	-1.474911425	-5.940673258	25.46435465
2410	-1.47474248	-5.916792637	25.60476158
2420	-1.335635819	-5.731919745	26.71825101
2430	-1.221347534	-5.64873812	27.23492527
2440	-1.301419597	-5.644497195	27.26153341
2450	-1.138915187	-5.518206399	28.06592498
2460	-1.189287263	-5.490332828	28.24663495
2470	-1.090179175	-5.39841444	28.85084622
2480	-1.127078211	-5.367879205	29.05441125
2490	-0.932165803	-5.132668763	30.67136637
2500	-0.88040458	-5.058255579	31.20142593

POLAR RADIATION PATTERN

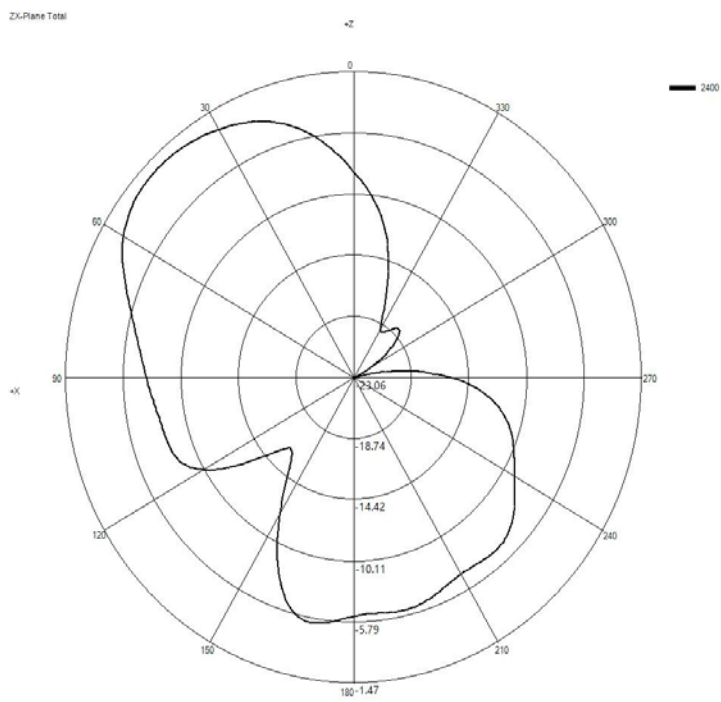
FREQUENCY=2400MHZ(PHI=90°)



FREQUENCY=2450MHZ(PHI=0°)

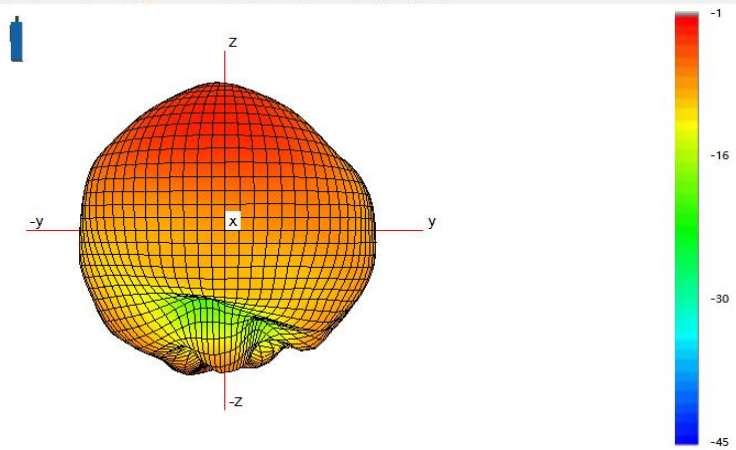


FREQUENCY=2500MHZ(PHI=90°)

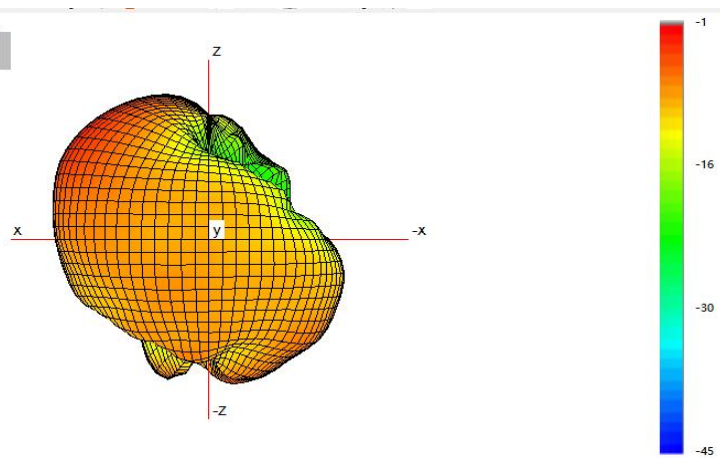


RADIATION PATTERN

FREQUENCY=2400MHZ



FREQUENCY=2450MHZ



FREQUENCY=2500MHZ

