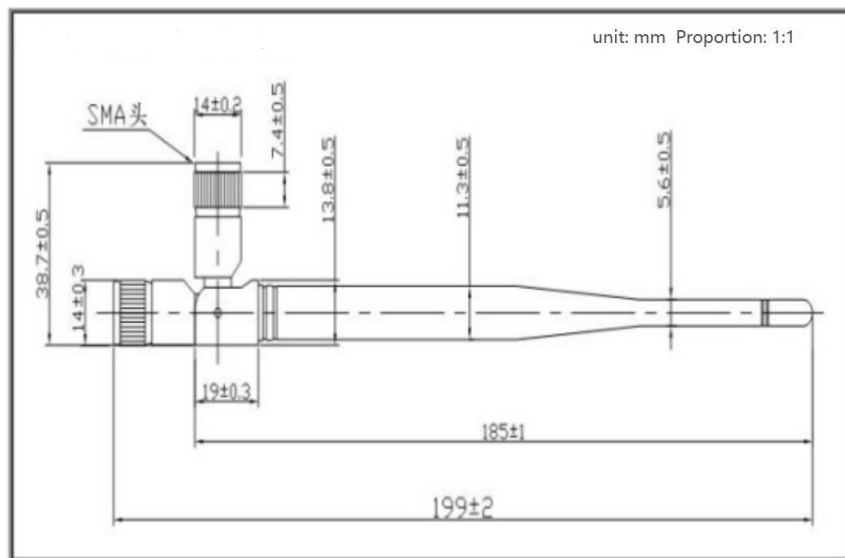


Antenna Specification

Product	:	External ANT
Model Name	:	NY-LED-I55
Manufacture	:	Guangzhou Nanyi Information Technology Co., Ltd
Test Item	:	Antenna gain; Radiation pattern and efficiency
Antenna Type	:	External Antenna
Frequency Range	:	2400MHz-2500MHz

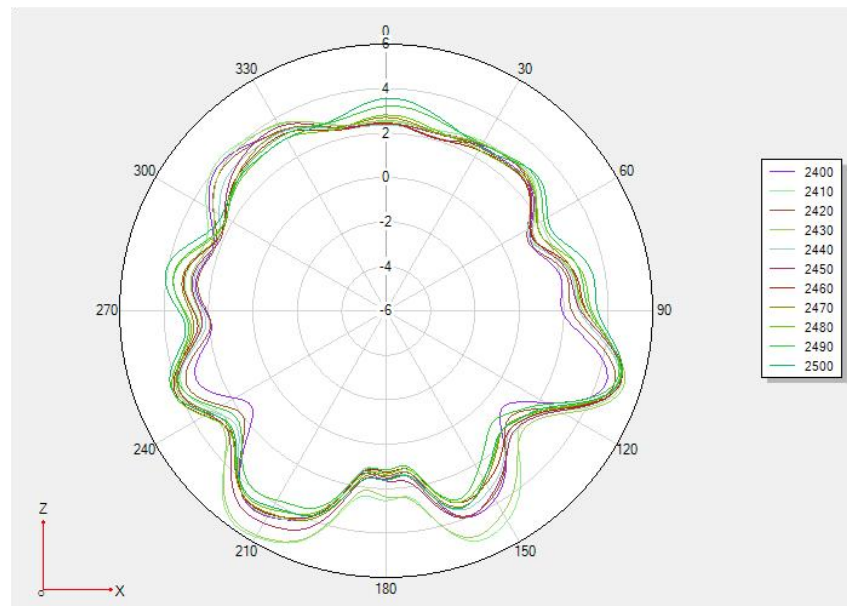


Test Data

Frequency/MHz	Efficiency / dB	Efficiency / %	Max Gain/dBi	Avg Gain/dBi
2400	-1.41	72.28	4.89	-1.41
2410	-0.98	79.8	5.87	-0.98
2420	-1.3	74.13	4.81	-1.3
2430	-0.95	80.35	5.81	-0.95
2440	-1.11	77.45	4.96	-1.11
2450	-1.01	79.25	5.48	-1.01
2460	-0.97	79.98	5.11	-0.97
2470	-1.01	79.25	5.4	-1.01
2480	-0.88	81.66	5.2	-0.88
2490	-1.08	77.98	5.13	-1.08
2500	-0.82	82.79	5.59	-0.82

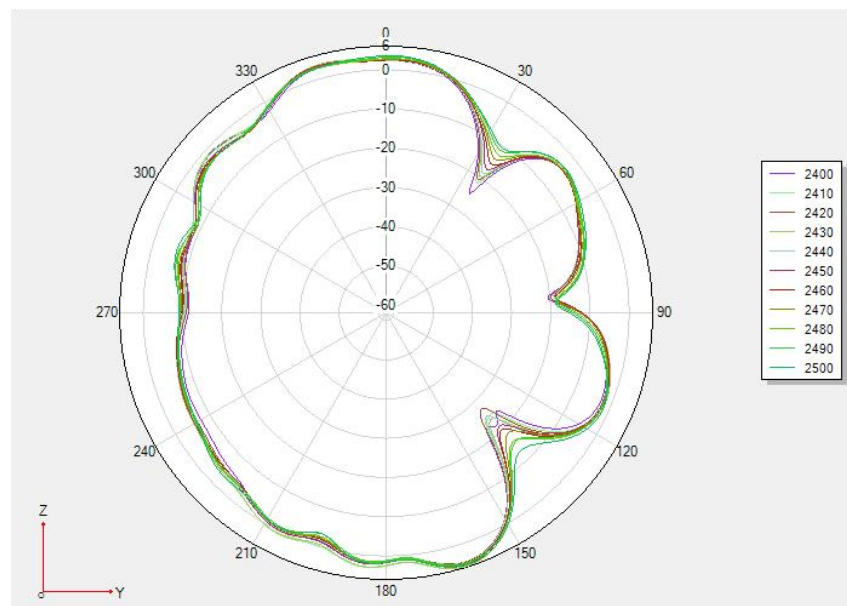
(1) X-Z Plane:

V $\Phi=0$



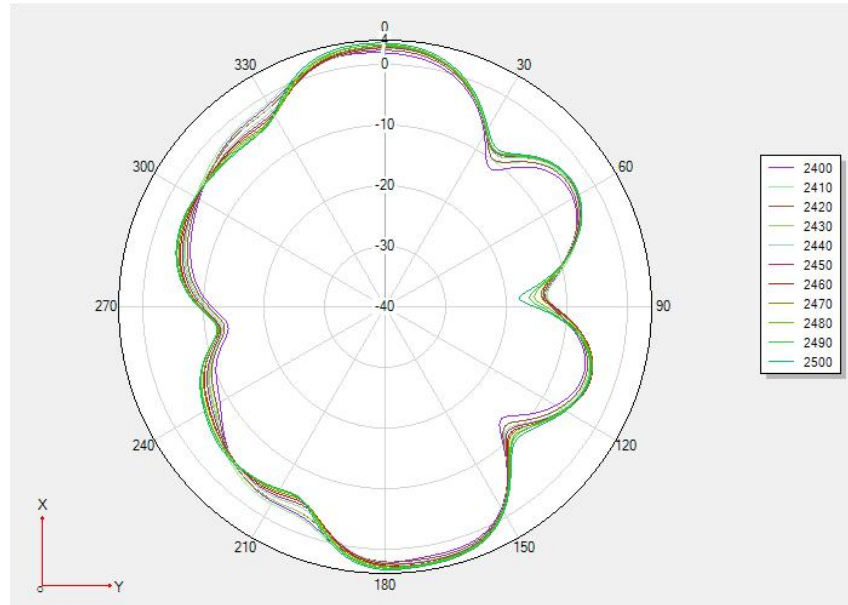
(2) Y-Z Plane:

V $\Phi=90$

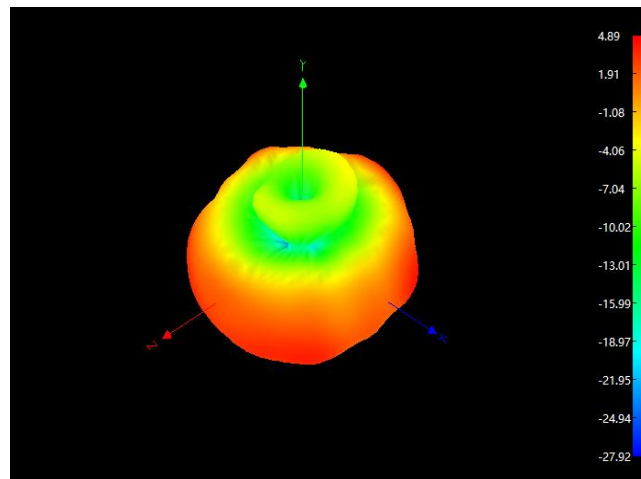


(3) X-Y Plane:

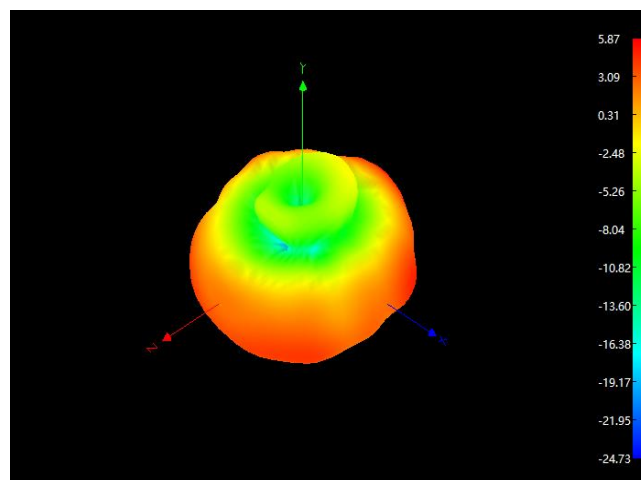
H $\Theta=90$



3D Pattern for 2400MHz



3D Pattern for 2450MHz



3D Pattern for 2500MHz

