Antenna Test Report

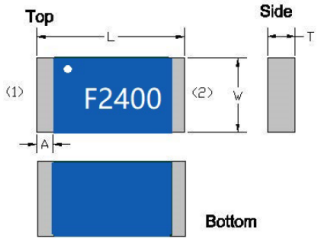
Manufacturer	Shenzhen Yongyun Technology Co., Ltd.
Address	No. 511, Building A, Block A, Hongdu Industrial Park, District 45, Baoan District, Shenzhen City.
Date	2025.12.02

Test System

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5062A
OTA Test	TRP&TIS	Agilent 8960 E5515C& Agilent 4438C&CMW500 &CMW270 ETS&SATIMO
Gain & Efficiency	Gain & Efficiency	ETS&SATIMO Agilent 5071C




Dimension and Terminal Configuration



Dimension (mm)	
L	3.15+-0.15
W	1.55+-0.15
T	0.50+-0.10
A	0.35+-0.10

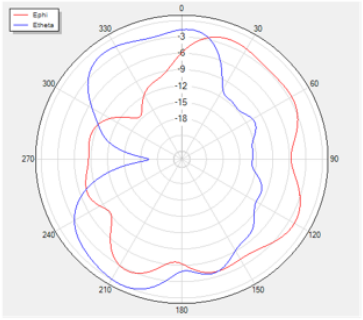
No.	Terminal Name
1	Feeding point
2	GND

Test Result-Gain & Efficiency

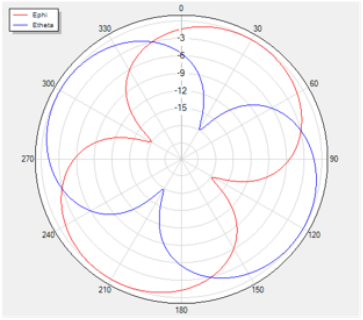
frequency 频率(MHz)	gain 增益(dBi)	mingain 最小增益	CO Gain 主极化最	CP Gain 交叉极化	efficiency 效率(dB)	efficiency 效率(%)
2400	-2.99	-22.96	0	0	-7.69	17.03
2410	-2.76	-22.91	0	0	-7.23	18.94
2420	-1.82	-21.98	0	0	-6.53	22.25
2430	-1.46	-22.54	0	0	-6.12	24.46
2440	-1.69	-23.8	0	0	-5.67	27.09
2450	-0.89	-23.9	0	0	-5.11	30.83
2460	-0.51	-24.84	0	0	-4.75	33.53
2470	-0.43	-26.34	0	0	-4.3	37.14
2480	0.16	-26.97	0	0	-3.96	40.21
2490	-0.18	-27.93	0	0	-4.26	37.5
2500	-0.01	-27.49	0	0	-3.98	39.99

2D &3D Pattern

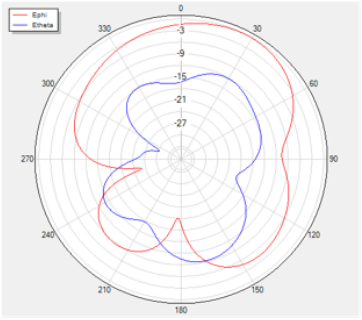
Phi=90 freq=2400MHz



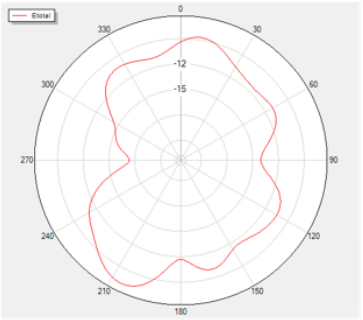
Theta=0 freq=2400MHz



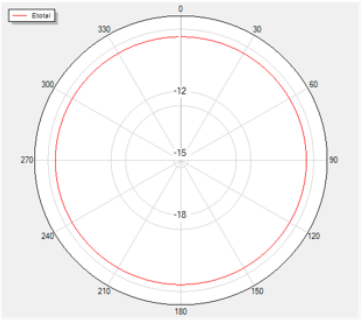
Theta=90 freq=2400MHz



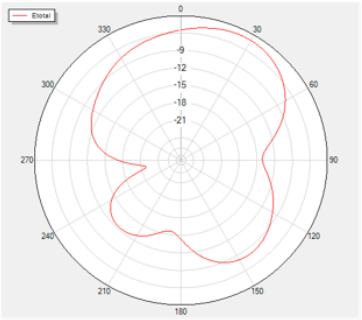
Phi=90 Freq=2400MHz

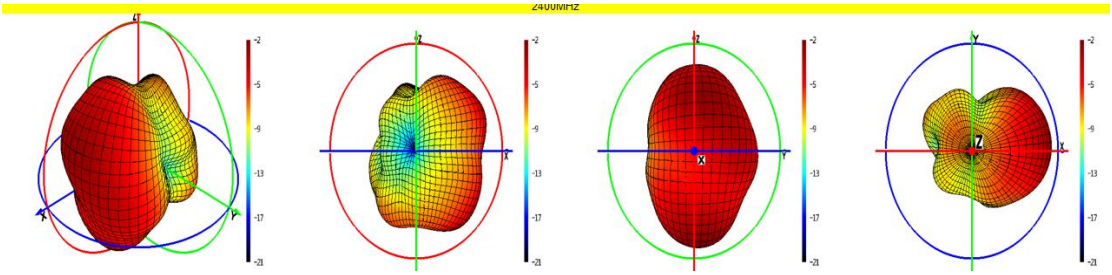


Theta=0 Freq=2400MHz

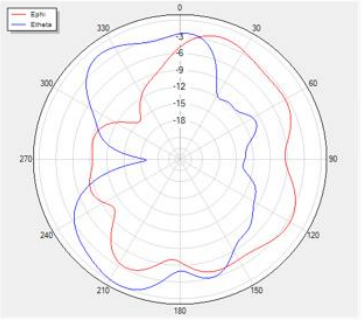


Theta=90 Freq=2400MHz

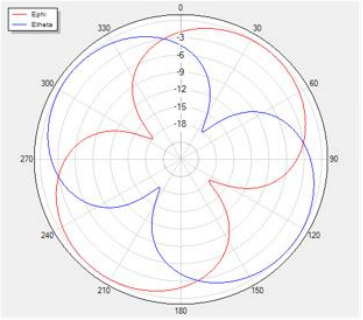




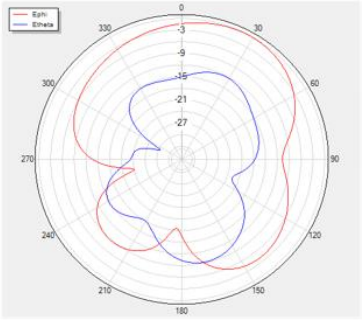
Phi=90 freq=2410MHz



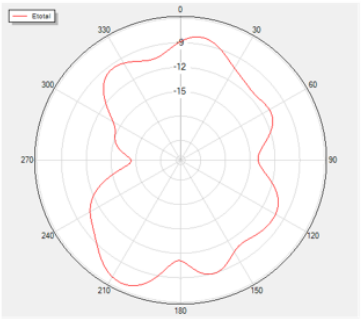
Theta=0 freq=2410MHz



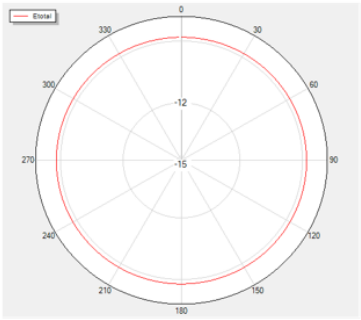
Theta=90 freq=2410MHz



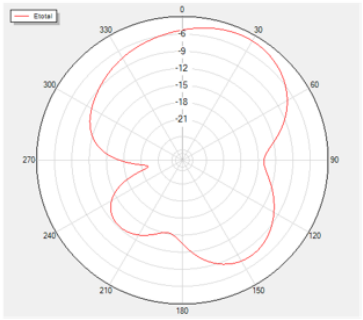
Phi=90 Freq=2410MHz



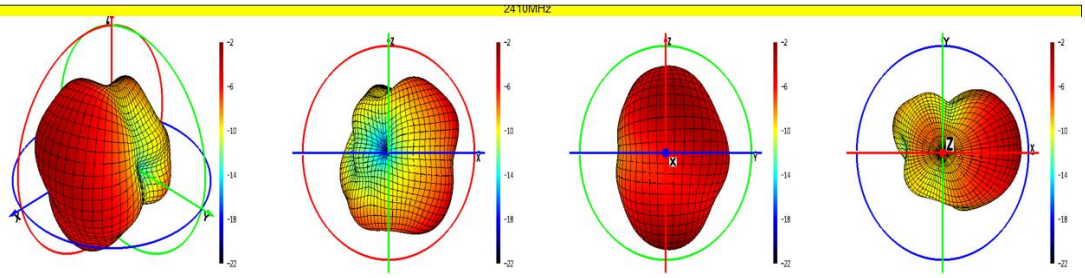
Theta=0 Freq=2410MHz



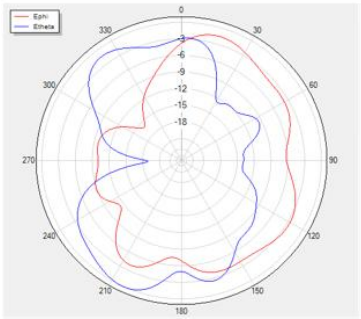
Theta=90 Freq=2410MHz



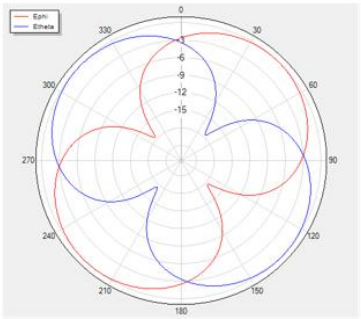
2410MHz



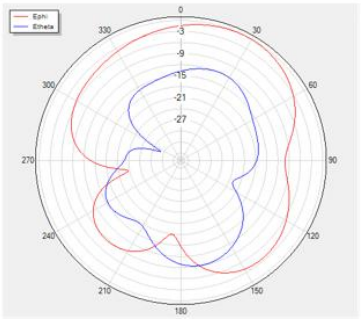
Phi=90 freq=2420MHz



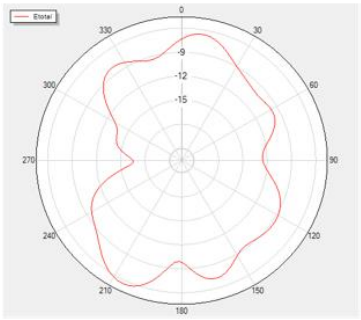
Theta=0 freq=2420MHz



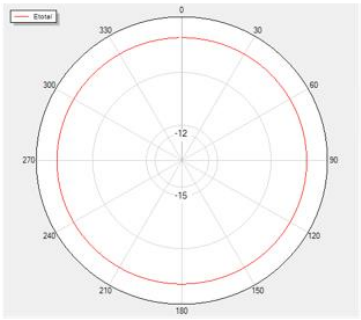
Theta=90 freq=2420MHz



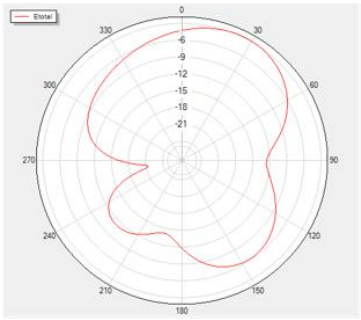
Phi=90 Freq=2420MHz



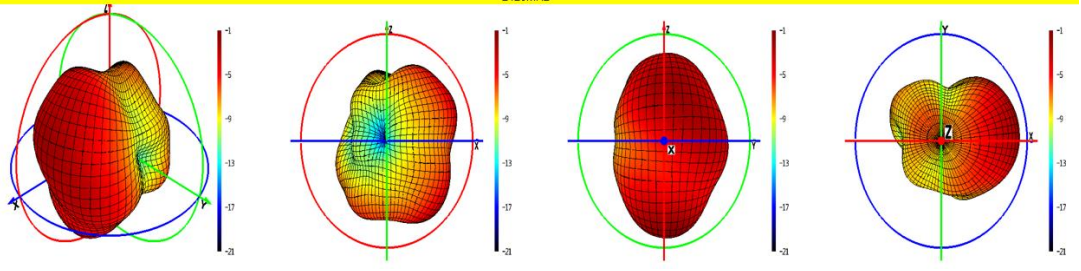
Theta=0 Freq=2420MHz



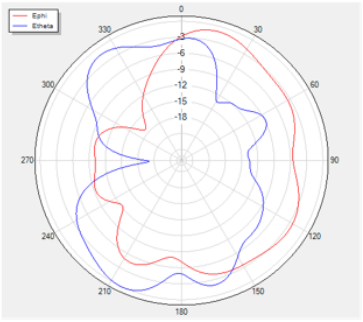
Theta=90 Freq=2420MHz



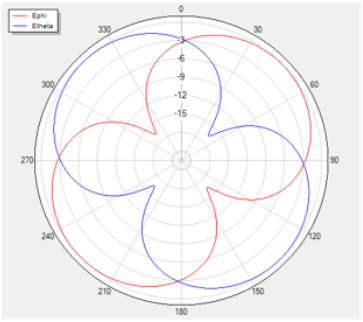
2420MHz



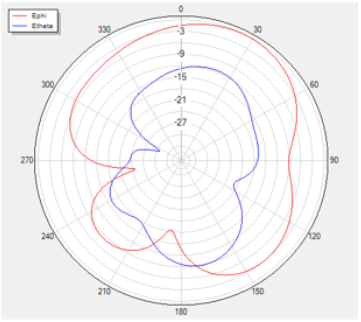
Phi=90 freq=2430MHz



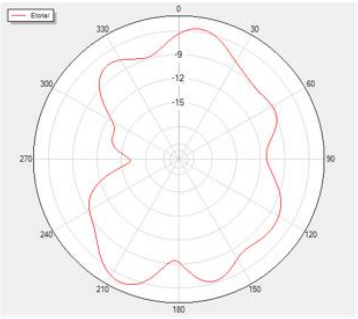
Theta=0 freq=2430MHz



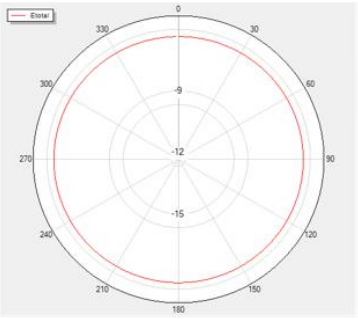
Theta=90 freq=2430MHz



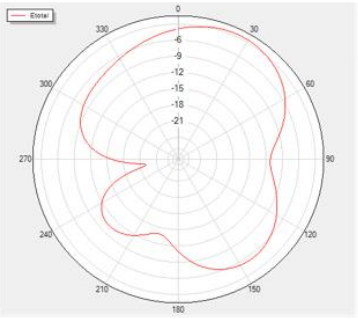
Phi=90 Freq=2430MHz

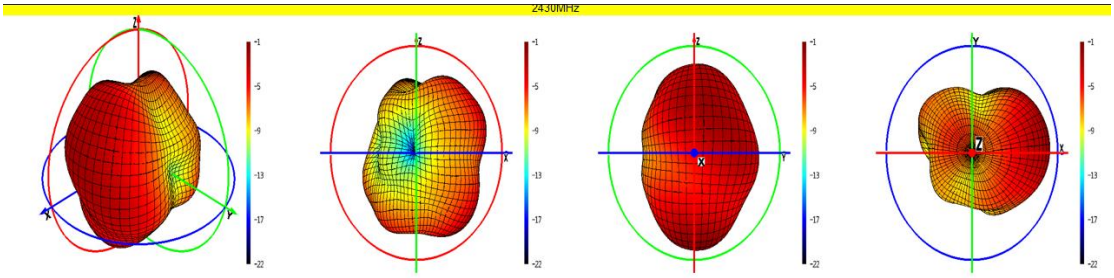


Theta=0 Freq=2430MHz

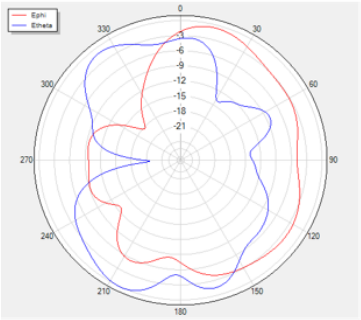


Theta=90 Freq=2430MHz

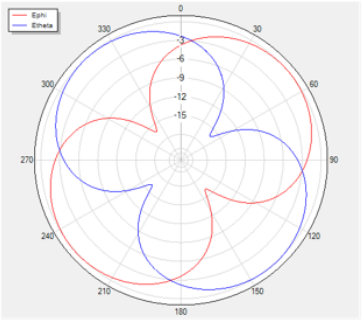




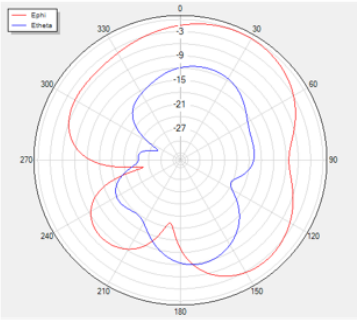
Phi=90 freq=2440MHz



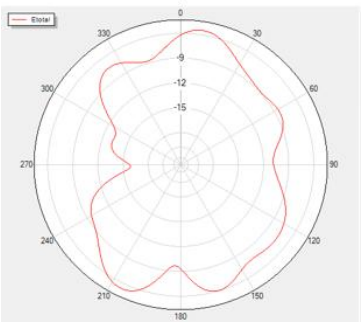
Theta=0 freq=2440MHz



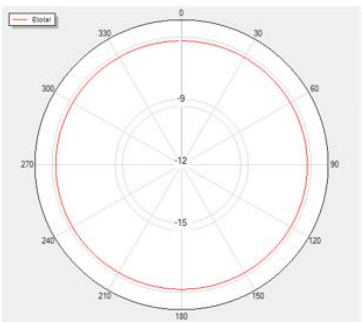
Theta=90 freq=2440MHz



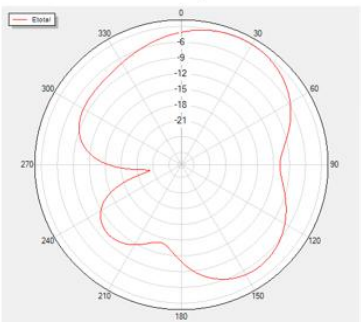
Phi=90 Freq=2440MHz

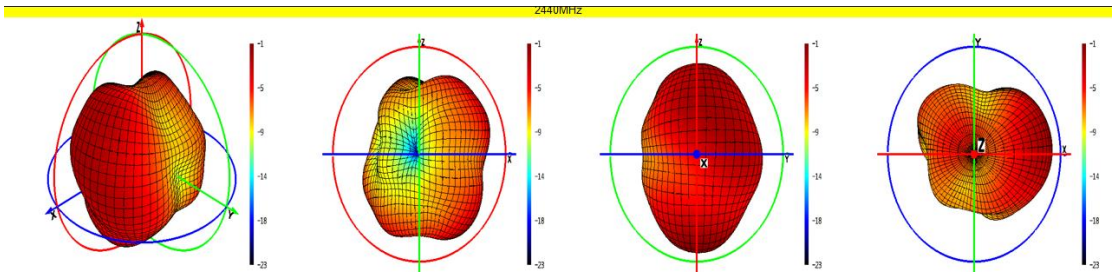


Theta=0 Freq=2440MHz

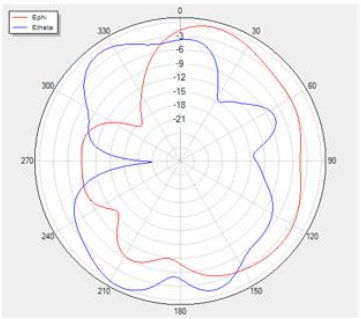


Theta=90 Freq=2440MHz

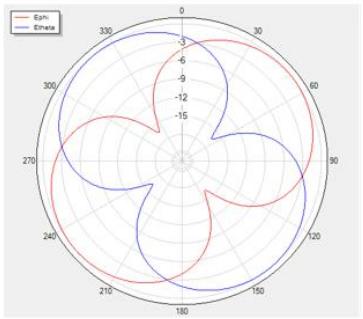




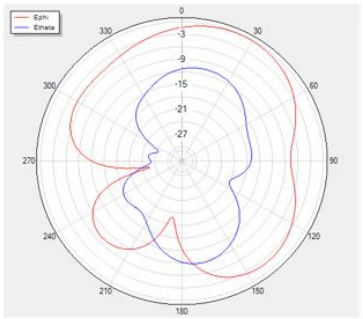
Phi=90 freq=2450MHz



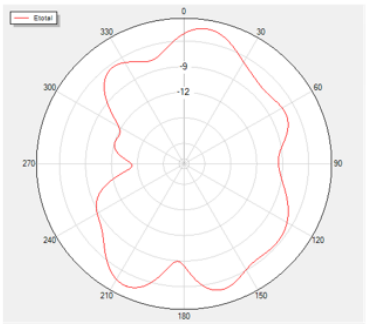
Theta=0 freq=2450MHz



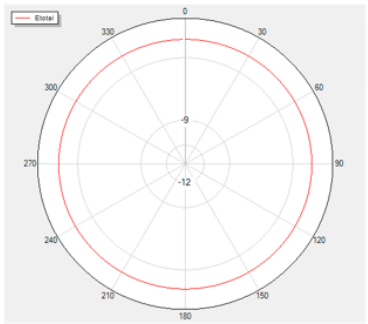
Theta=90 freq=2450MHz



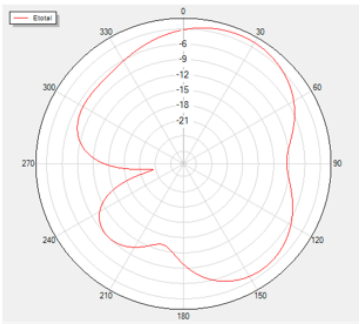
Phi=90 Freq=2450MHz

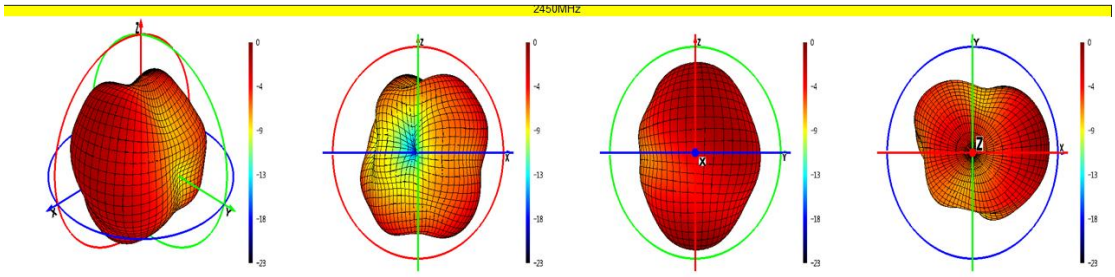


Theta=0 Freq=2450MHz

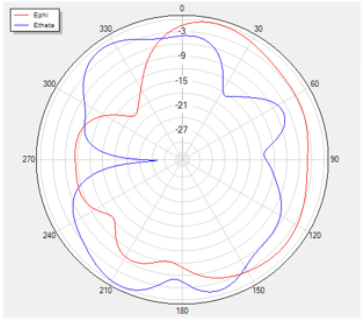


Theta=90 Freq=2450MHz

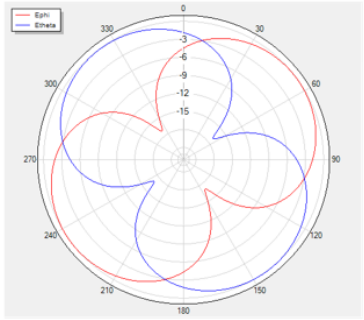




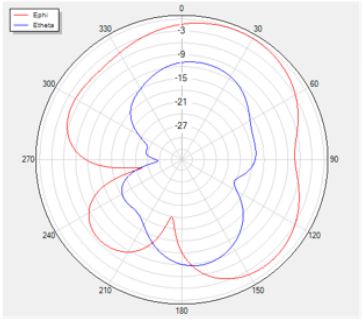
Phi=90 freq=2460MHz



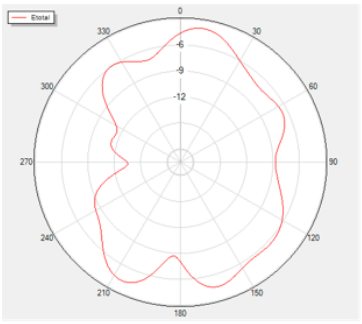
Theta=0 freq=2460MHz



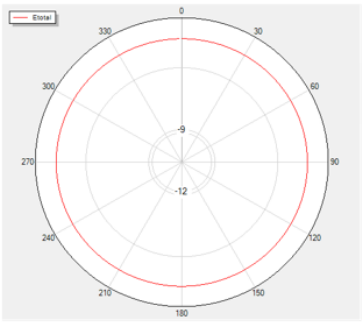
Theta=90 freq=2460MHz



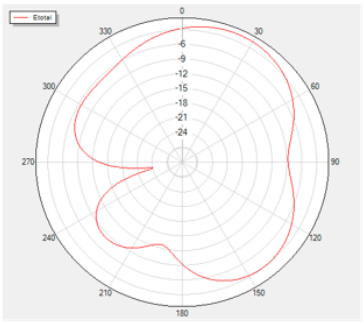
Phi=90 Freq=2460MHz



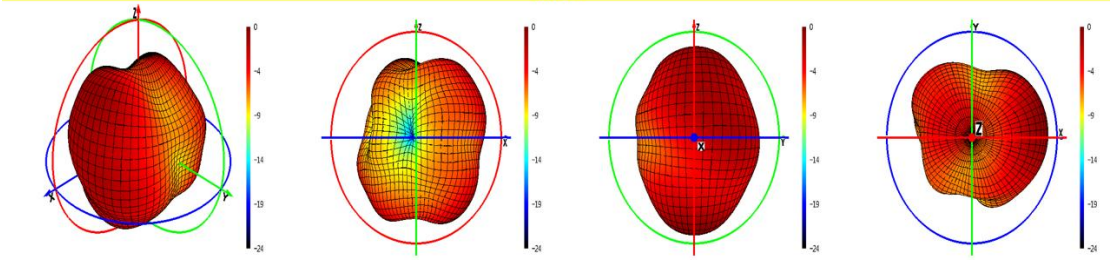
Theta=0 Freq=2460MHz



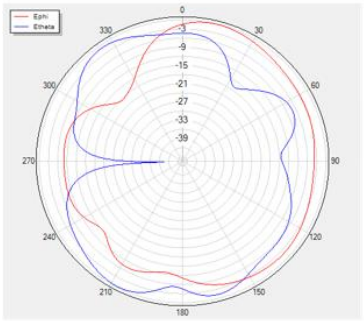
Theta=90 Freq=2460MHz



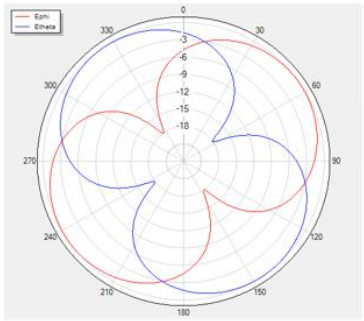
2460MHz



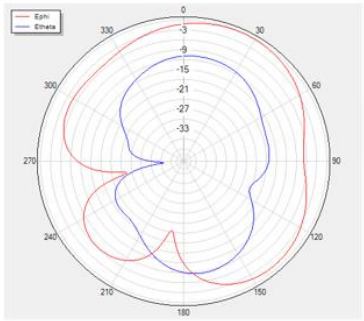
Phi=90 freq=2470MHz



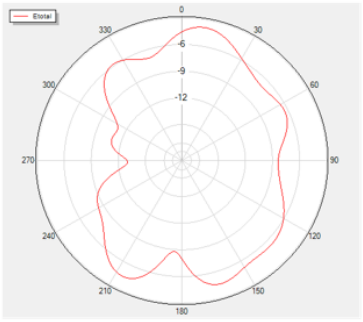
Theta=0 freq=2470MHz



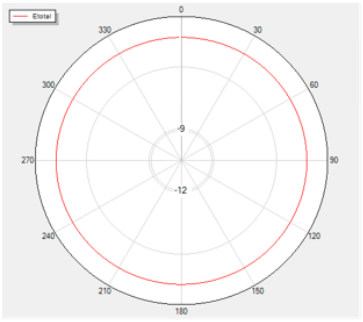
Theta=90 freq=2470MHz



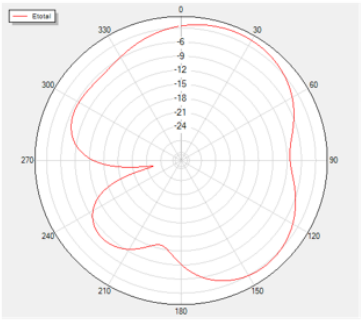
Phi=90 Freq=2470MHz



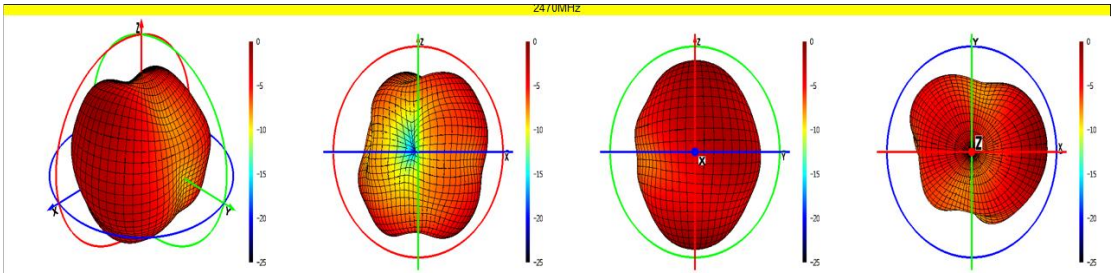
Theta=0 Freq=2470MHz



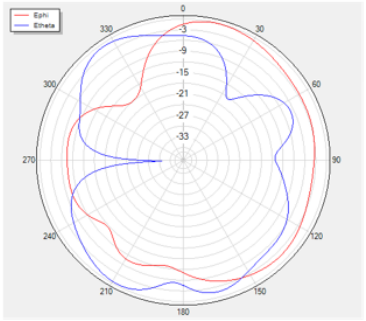
Theta=90 Freq=2470MHz



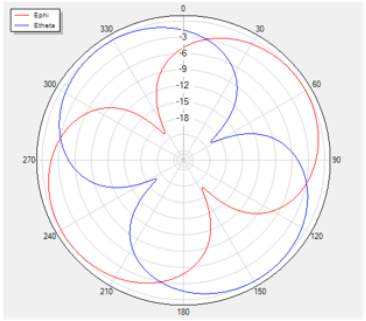
2470MHz



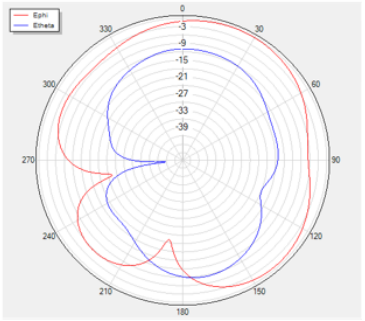
Phi=90 freq=2480MHz



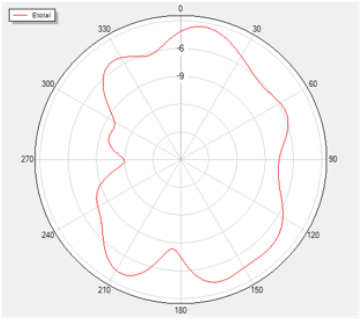
Theta=0 freq=2480MHz



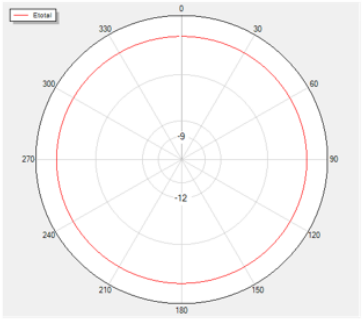
Theta=90 freq=2480MHz



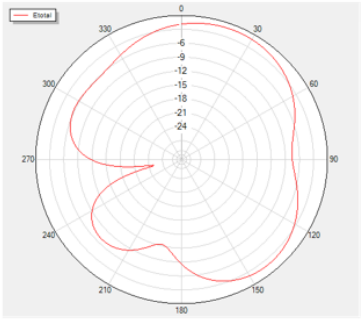
Phi=90 Freq=2480MHz



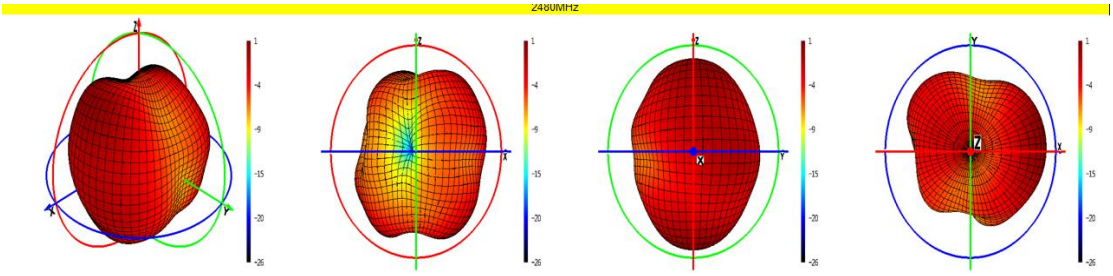
Theta=0 Freq=2480MHz



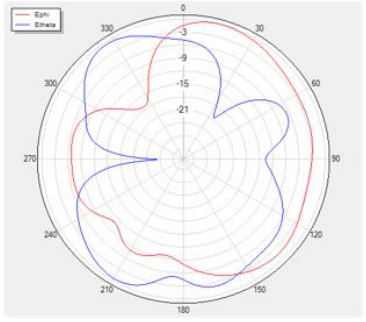
Theta=90 Freq=2480MHz



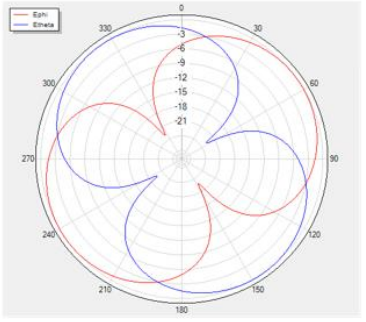
2480MHz



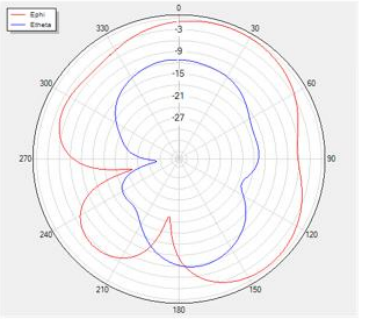
Phi=90 freq=2490MHz



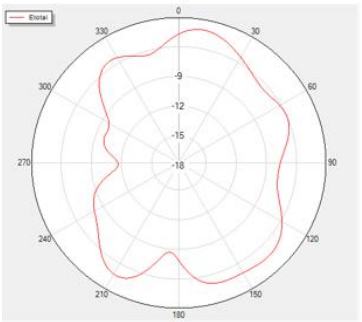
Theta=0 freq=2490MHz



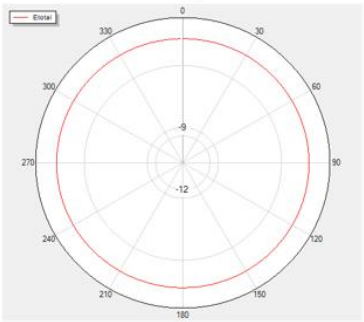
Theta=90 freq=2490MHz



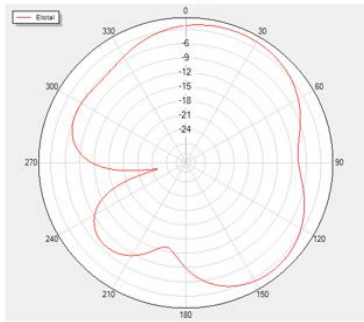
Phi=90 Freq=2490MHz

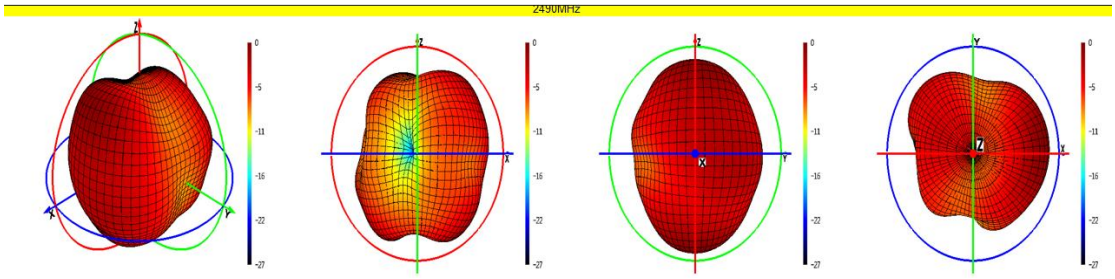


Theta=0 Freq=2490MHz

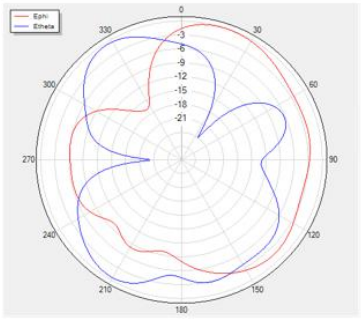


Theta=90 Freq=2490MHz

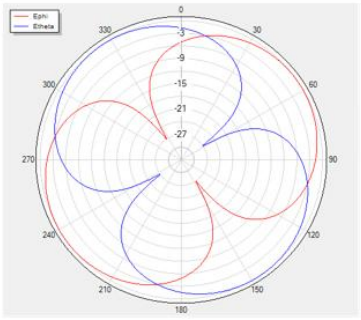




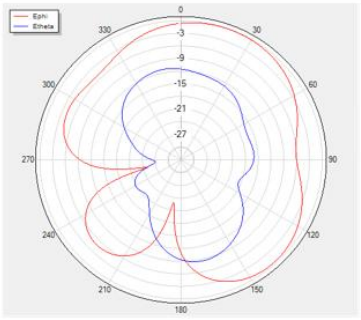
Phi=90 freq=2500MHz



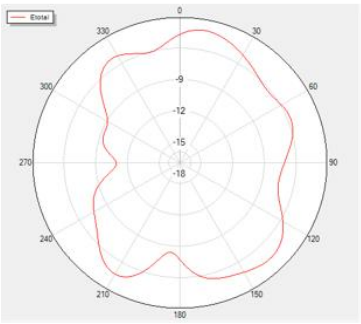
Theta=0 freq=2500MHz



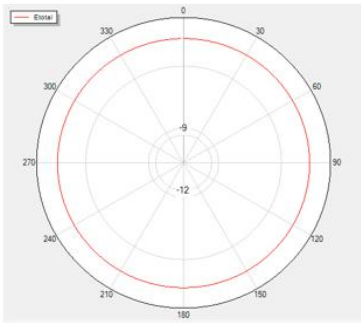
Theta=90 freq=2500MHz



Phi=90 Freq=2500MHz



Theta=0 Freq=2500MHz



Theta=90 Freq=2500MHz