

Antenna Test Report

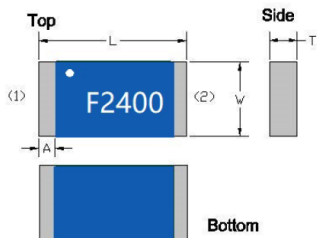
Manufacturer	Shenzhen Yongyun Technology Co., Ltd.
Address	No. 511, Building A, Block A, Hongdu Industrial Park, District 45, Baoan District, Shenzhen City.
Date	2025.12.02

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

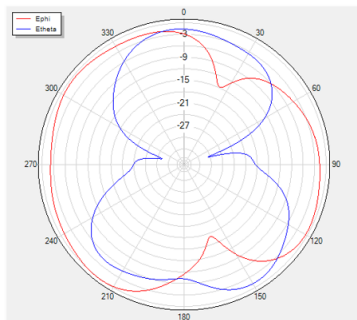
No.	Terminal Name
1	Feeding point
2	GND

Test Result-Gain & Efficiency

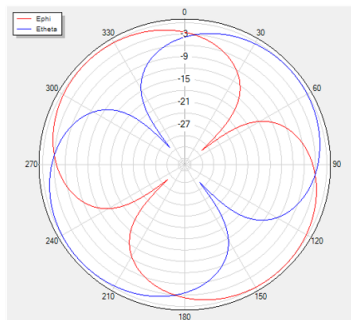
frequency 频率(MHz)	gain 增益(dBi)	mingain 最小增益	CO Gain 主极化最	CP Gain 交叉极化	efficiency 效率(dB)	efficiency 效率(%)
2400	-1.87	-17.74	0	0	-4.82	33
2410	-1.99	-17.87	0	0	-4.76	33.39
2420	-1.03	-17.23	0	0	-4.3	37.14
2430	-0.65	-16.99	0	0	-4.22	37.82
2440	-1.02	-17.33	0	0	-4.24	37.64
2450	-0.37	-16.38	0	0	-4.1	38.89
2460	-0.21	-15.87	0	0	-4.17	38.31
2470	-0.45	-15.66	0	0	-4.18	38.18
2480	-0.1	-14.82	0	0	-4.24	37.68
2490	-0.63	-14.8	0	0	-4.88	32.51
2500	-0.52	-13.98	0	0	-4.91	32.28

2D & 3D Pattern

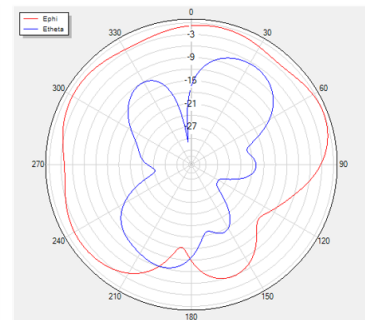
Phi=90 freq=2400MHz



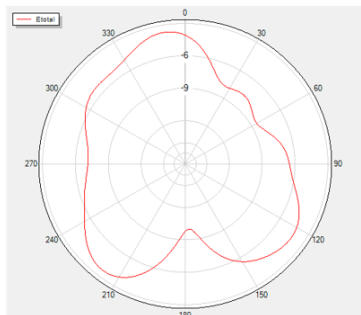
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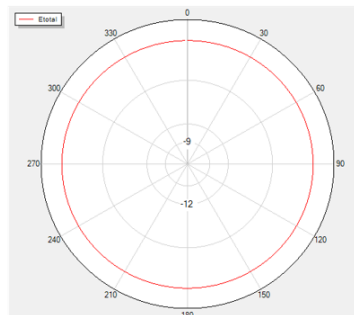
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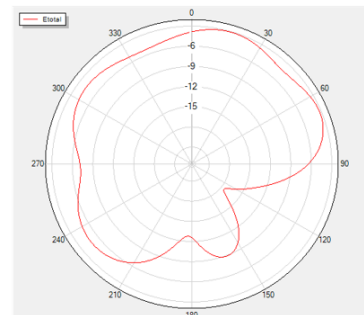
Phi=90 Freq=2400MHz



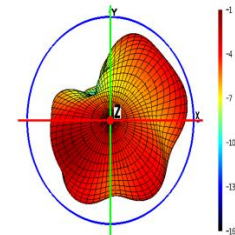
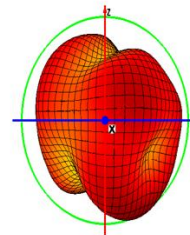
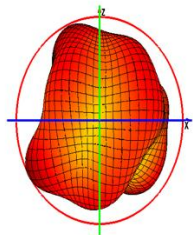
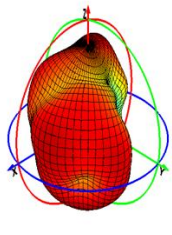
Theta=0 Freq=2400MHz



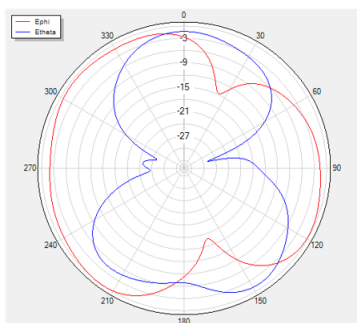
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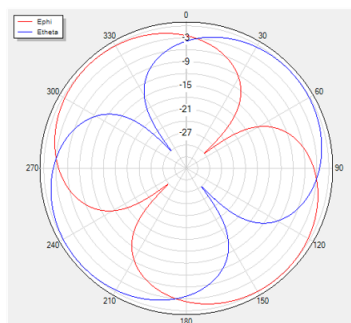
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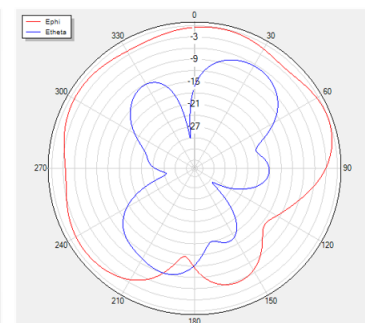
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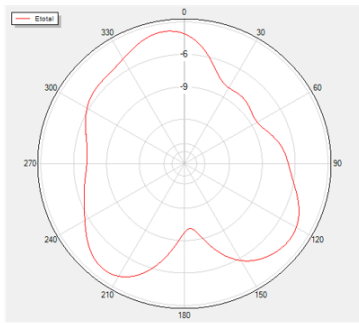
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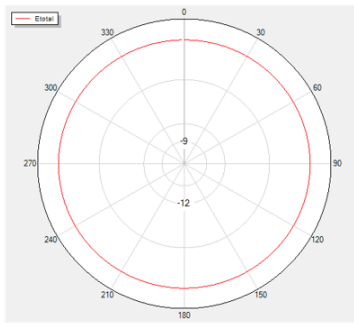
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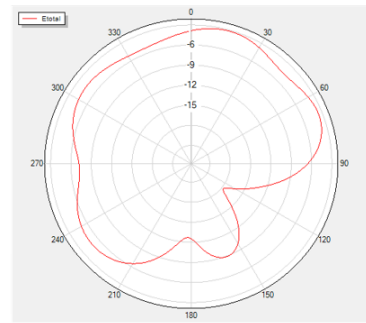
Phi=90 Freq=2410MHz



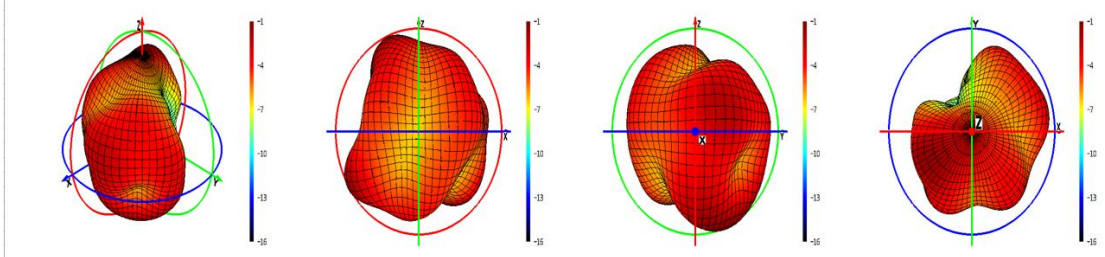
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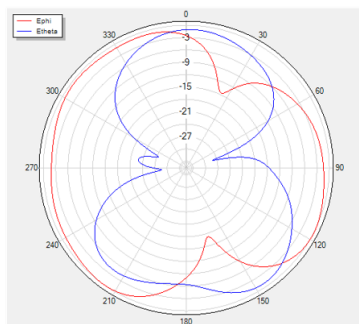
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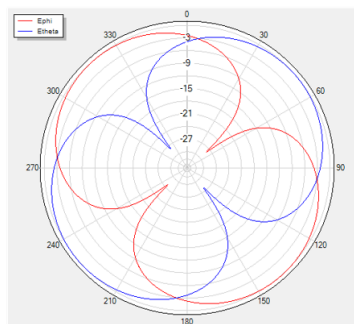
2410MHz



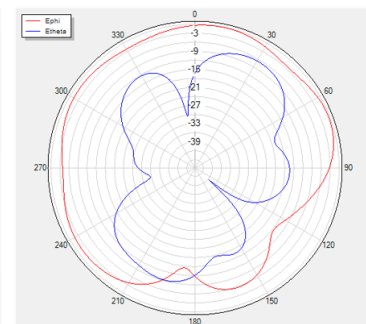
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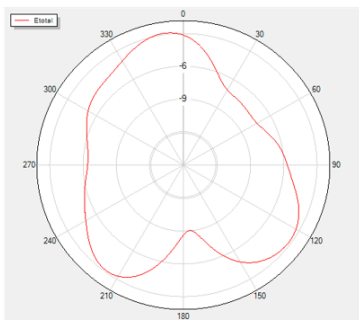
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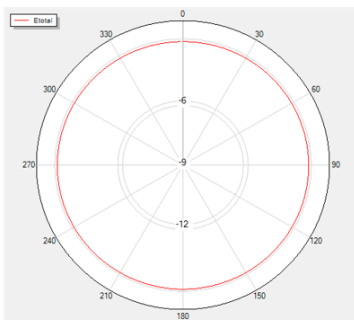
Theta=90 freq=2420MHz



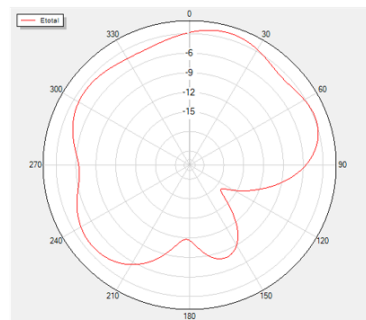
Phi=90 Freq=2420MHz



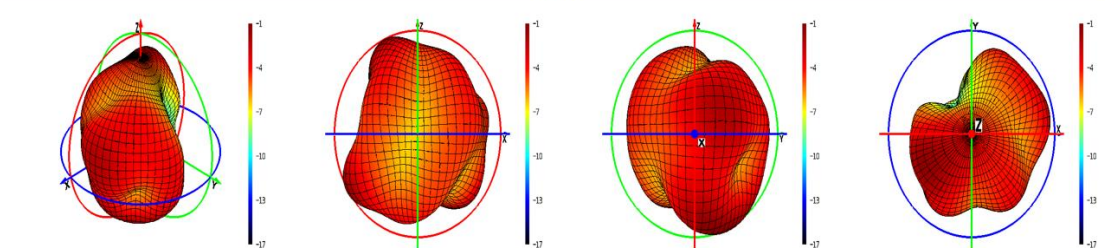
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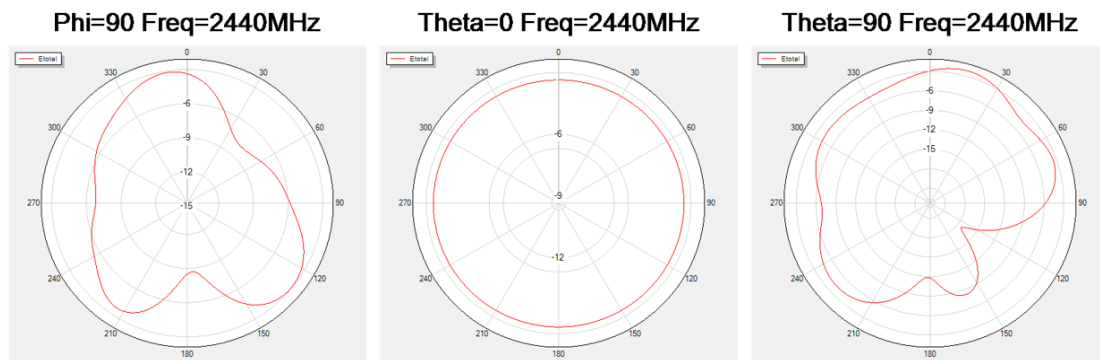
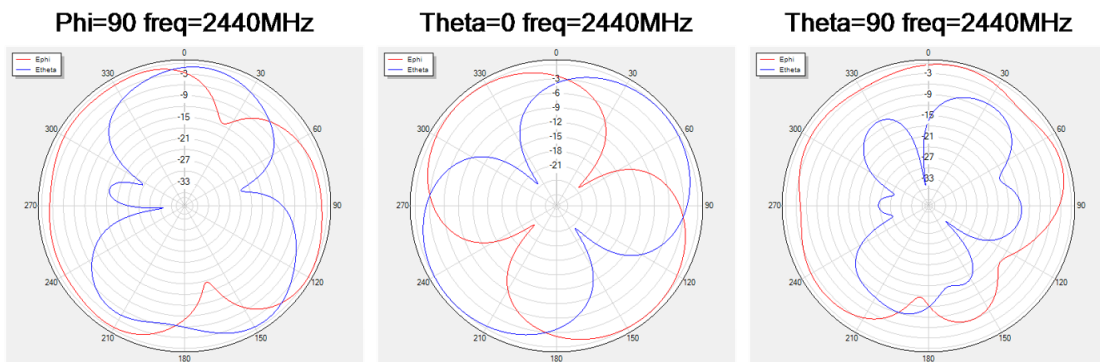
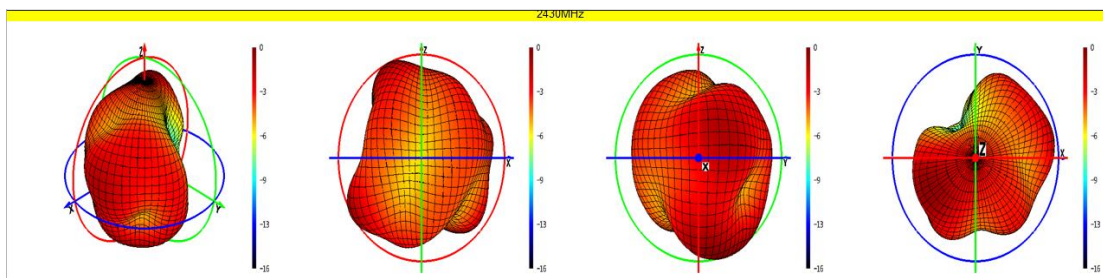
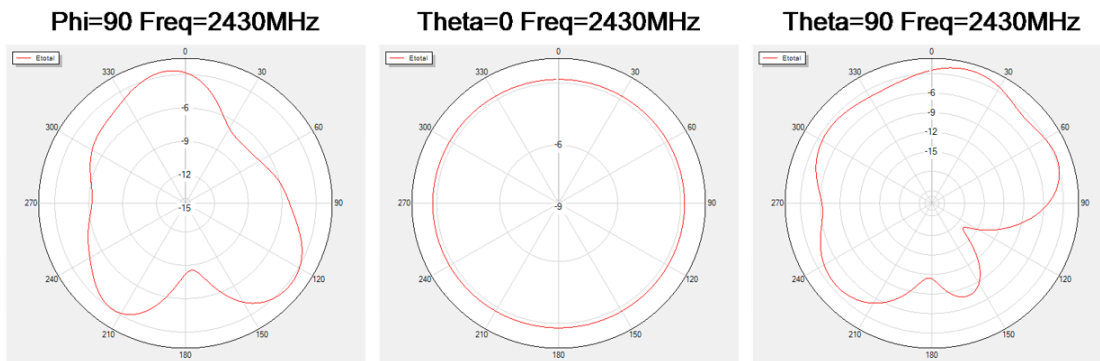
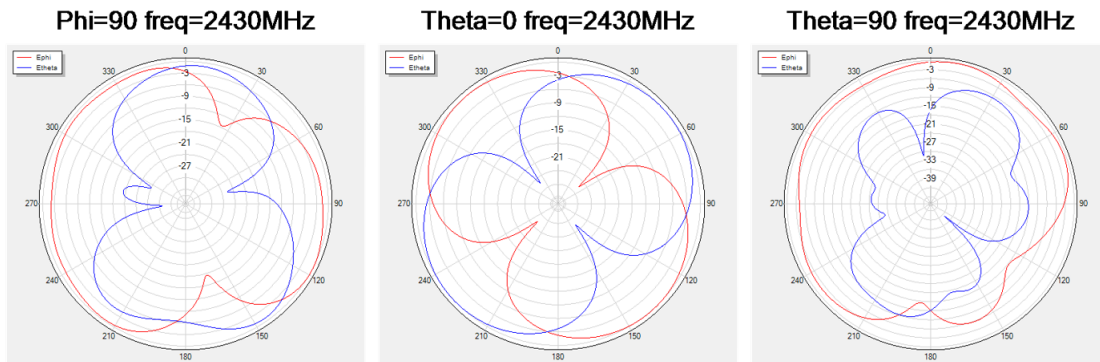


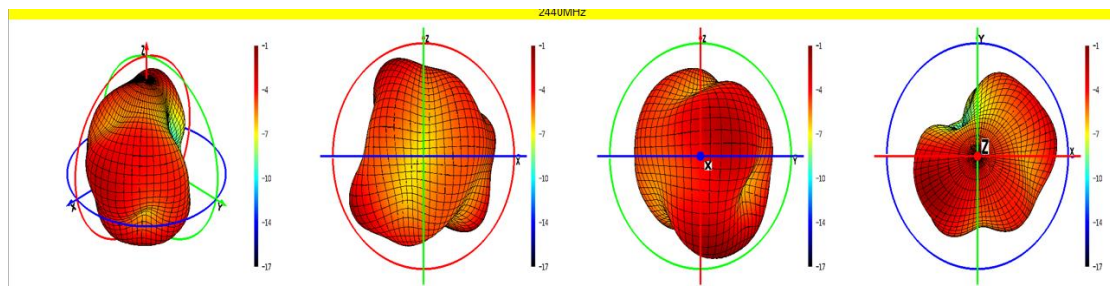
Theta=90 Freq=2420MHz



2420MHz



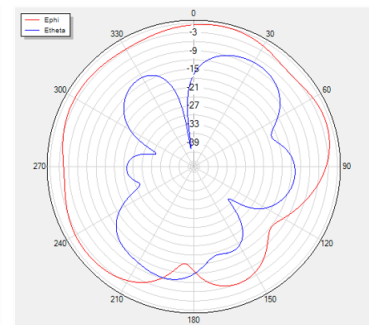
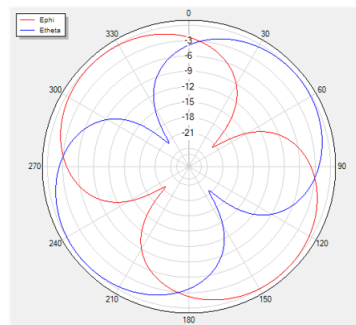
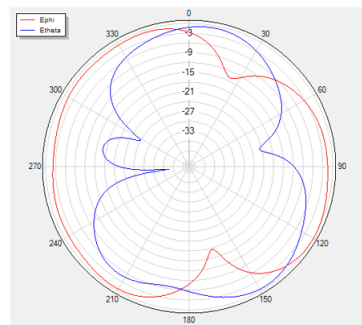




Phi=90 freq=2450MHz

Theta=0 freq=2450MHz

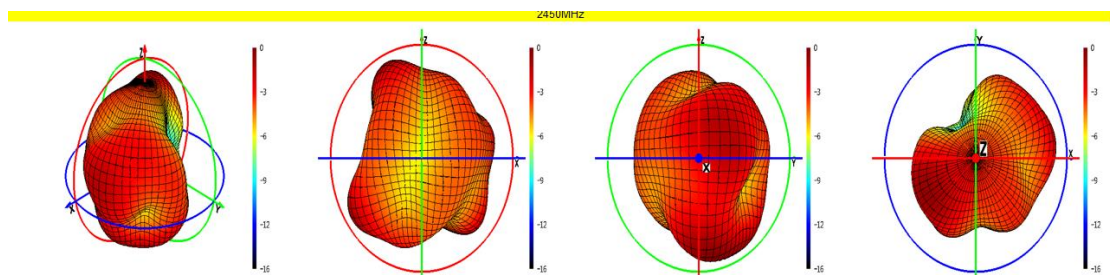
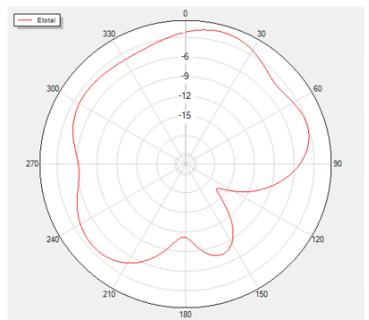
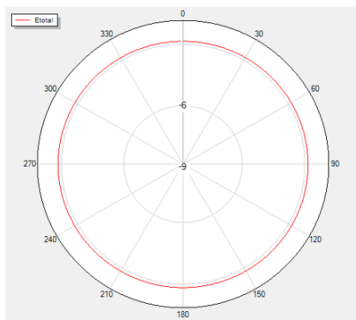
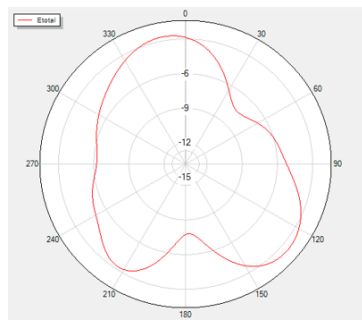
Theta=90 freq=2450MHz



Phi=90 Freq=2450MHz

Theta=0 Freq=2450MHz

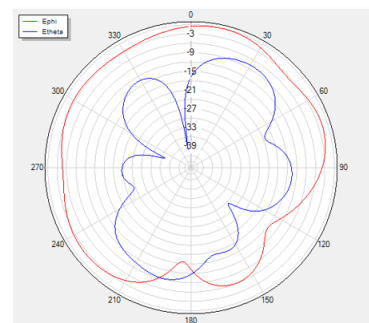
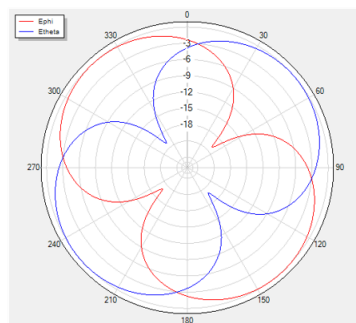
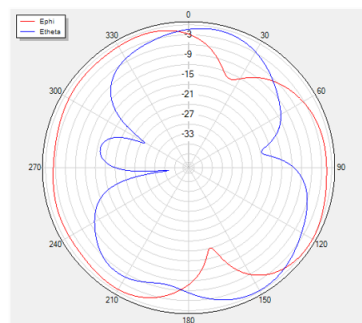
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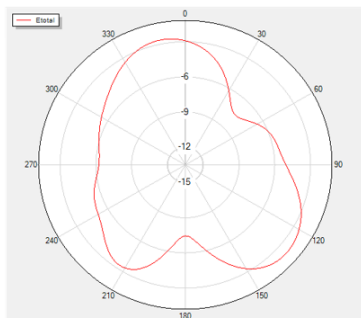
Phi=90 freq=2460MHz

Theta=0 freq=2460MHz

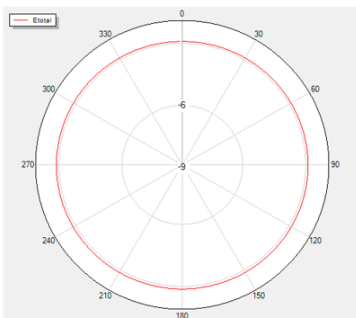
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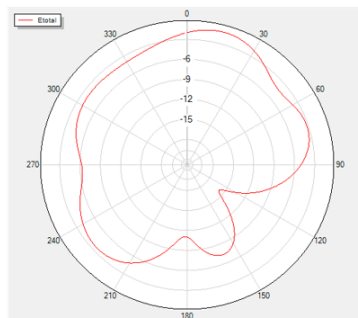
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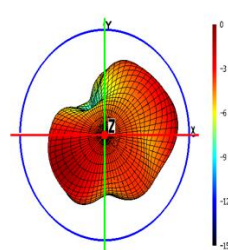
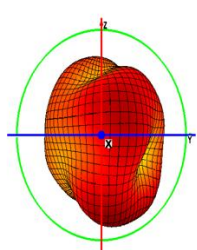
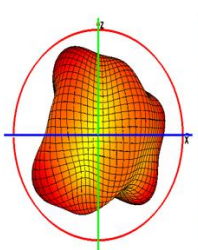
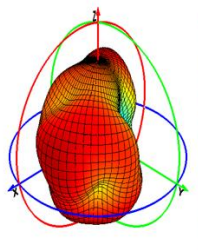
Theta=0 Freq=2460MHz



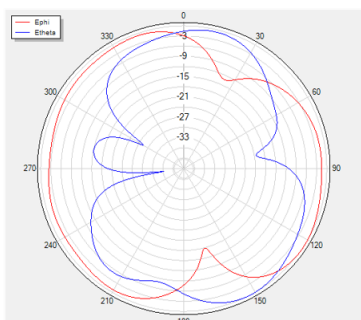
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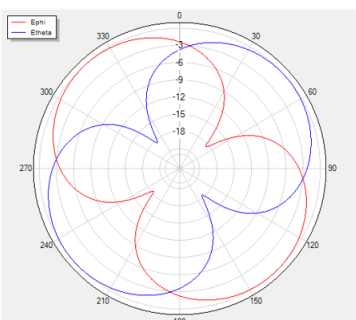
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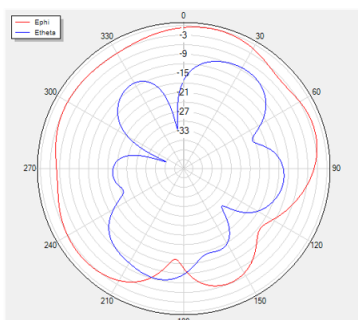
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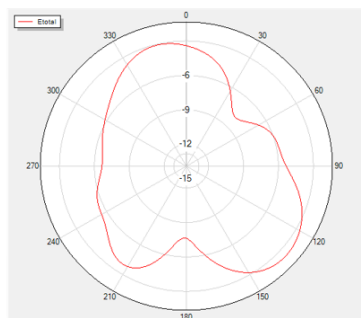
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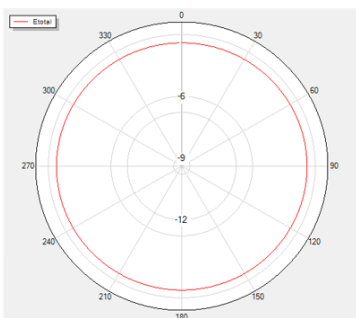
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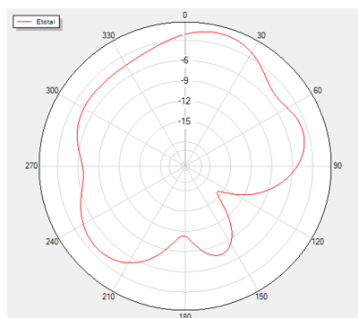
Phi=90 Freq=2470MHz



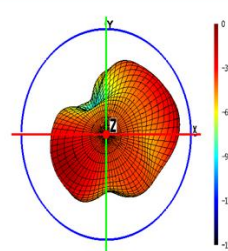
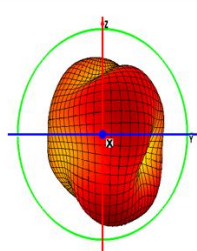
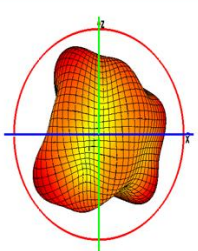
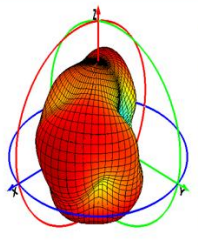
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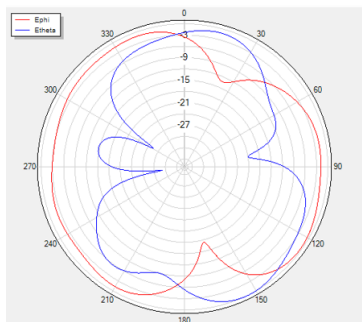
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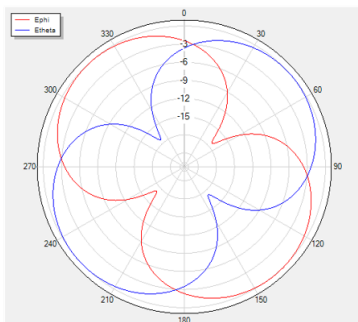
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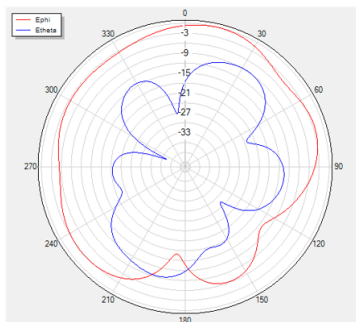
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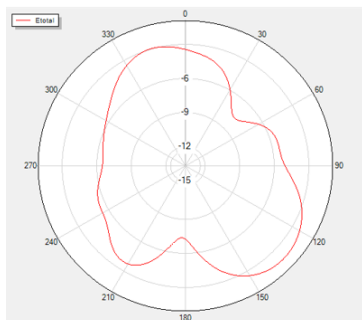
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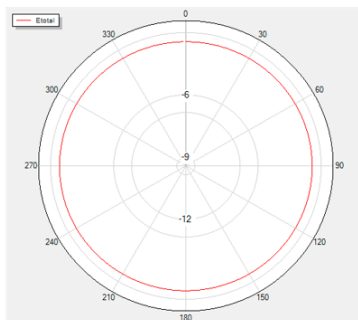
Theta=90 freq=2480MHz



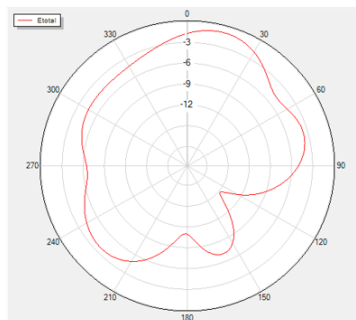
Phi=90 Freq=2480MHz



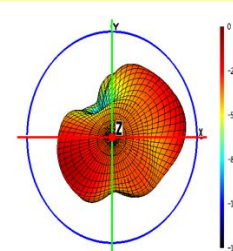
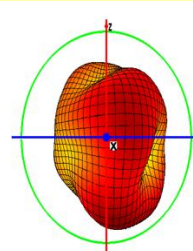
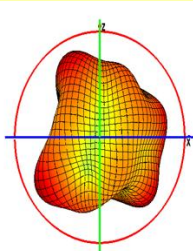
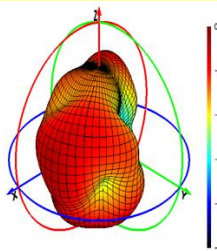
Theta=0 Freq=2480MHz



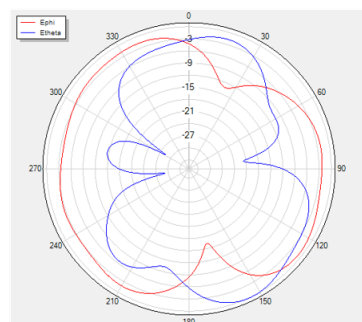
Theta=90 Freq=2480MHz



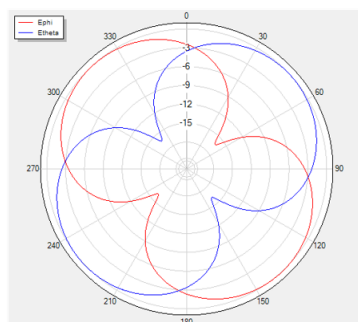
2480MHz



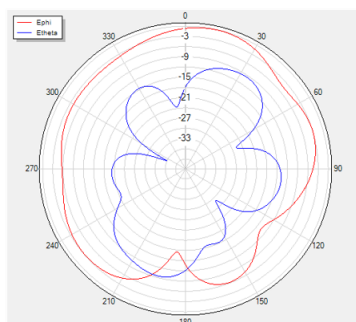
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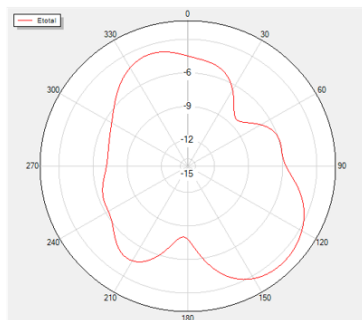
Theta=0 freq=2490MHz



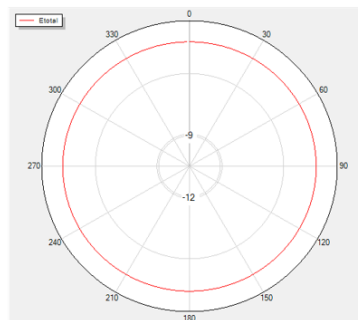
Theta=90 freq=2490MHz



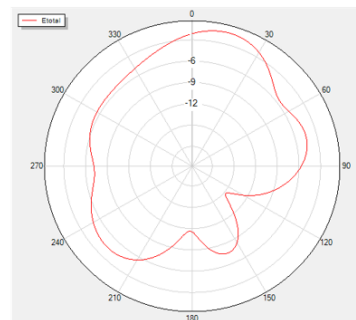
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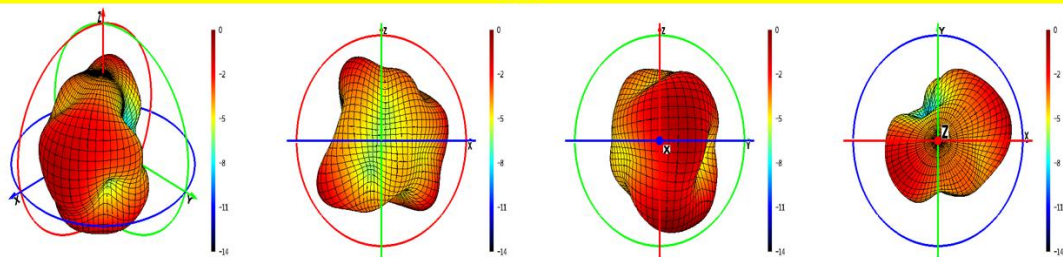
Theta=0 Freq=2490MHz



Theta=90 Freq=2490MHz



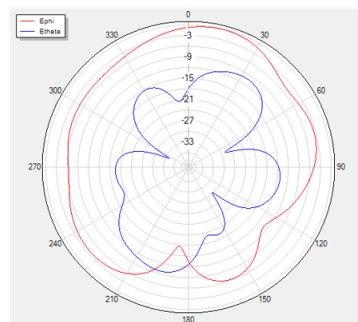
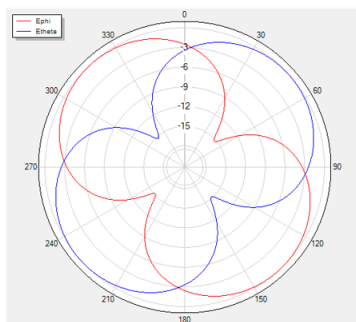
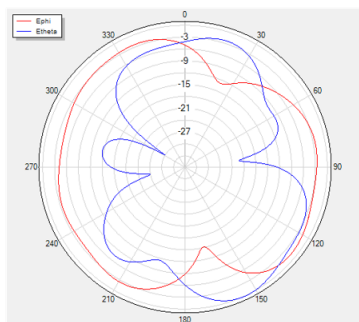
2490MHz



Phi=90 freq=2500MHz

Theta=0 freq=2500MHz

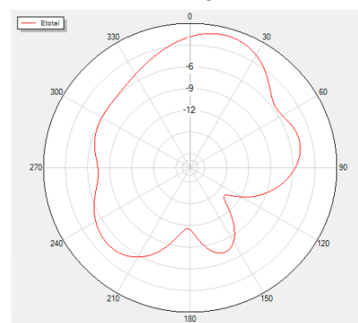
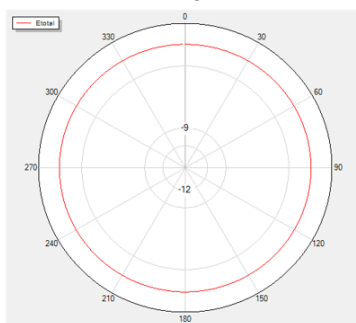
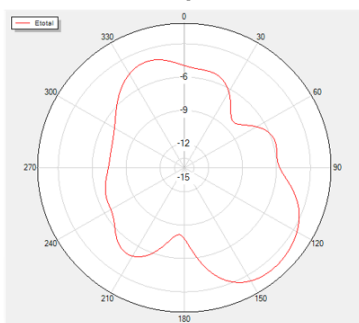
Theta=90 freq=2500MHz



Phi=90 Freq=2500MHz

Theta=0 Freq=2500MHz

Theta=90 Freq=2500MHz



2500MHz

