

Antenna Specifications

1 Summary

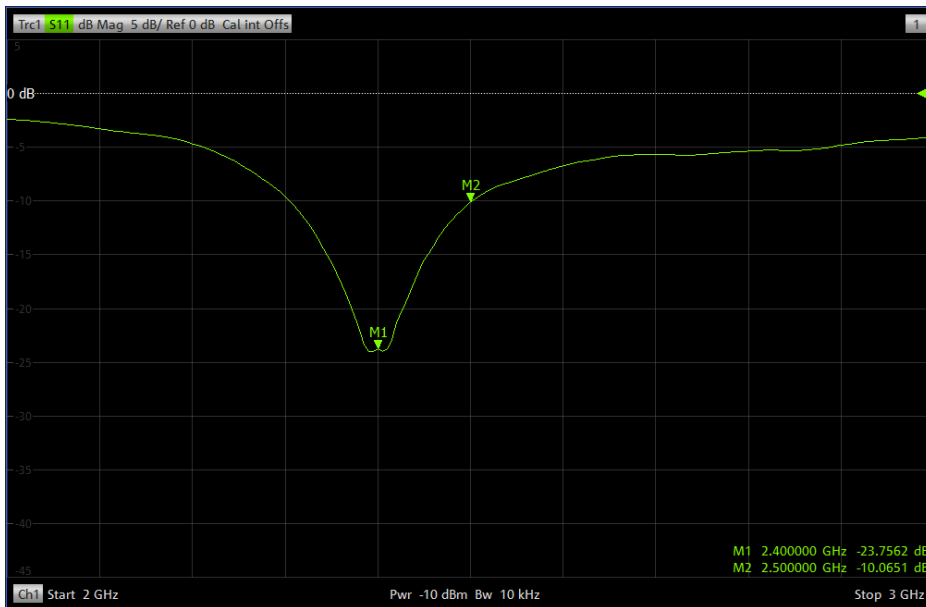
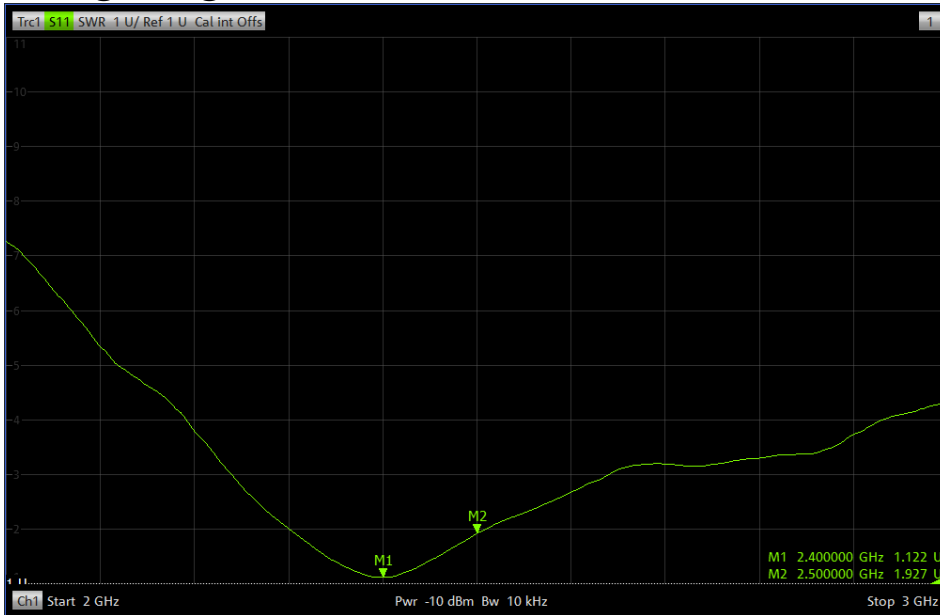
Design Specifications	Typical	Units
天线形式(Antenna Type)	PCB Antenna	
工作频率(working Frequency)	2400-2500	MHz
增益 (Gain)	2.73> Gain >1.54	dBi
天线效率 (Antenna efficiency)	>51.77	%
电压驻波比 (VSWR)	<1.9: 1	
极化方式(Polarization)	N/A	N/A
轴比(Axial Ratio)	N/A	N/A
辐射方向(Radiation pattern)	omnidirectional	
馈电阻抗(impedance)	50 ohm	
功率容量(Power handling)	33	dBm
天线尺寸(Overall dimensions)	5mm*18mm	
重量(Weight)	N/A	N/A
工作温度(Operatin Temp)	-30-70	°C
储存温度(Storing Temp)	-30-70	°C

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2 VSWR

Fre. (MHz)	VSWR
2400	≤ 1.1
2500	≤ 1.9

2.1 SWR log mag

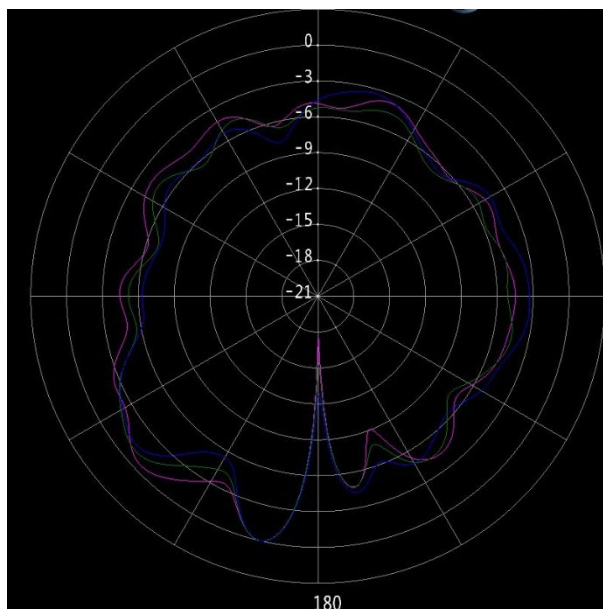


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2.2 Antenna Efficiency

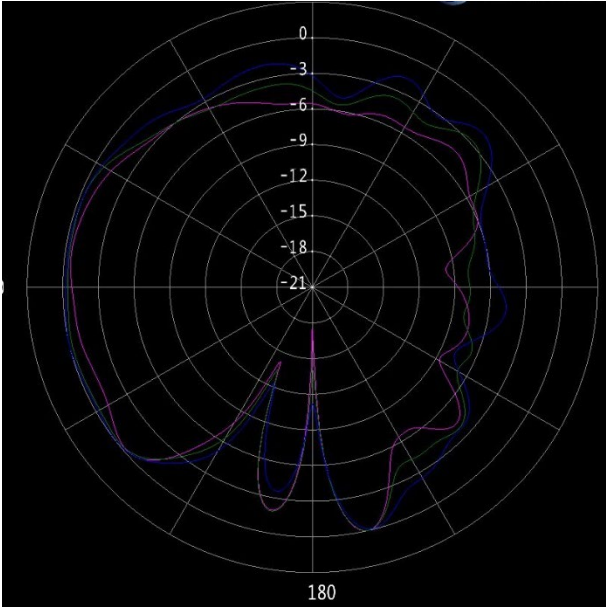
Freq(MHz)	gain(dBi)	efficiency(dBi)	efficiency(%)
2400	2.60	-2.28	59.18
2410	2.63	-2.26	59.50
2420	2.73	-2.21	60.09
2430	2.69	-2.26	59.47
2440	2.51	-2.33	58.52
2450	2.18	-2.53	55.83
2460	1.97	-2.59	55.11
2470	1.85	-2.63	54.57
2480	1.70	-2.78	52.75
2490	1.54	-2.86	51.77
2500	1.59	-2.81	52.38

3 Antenna Pattern

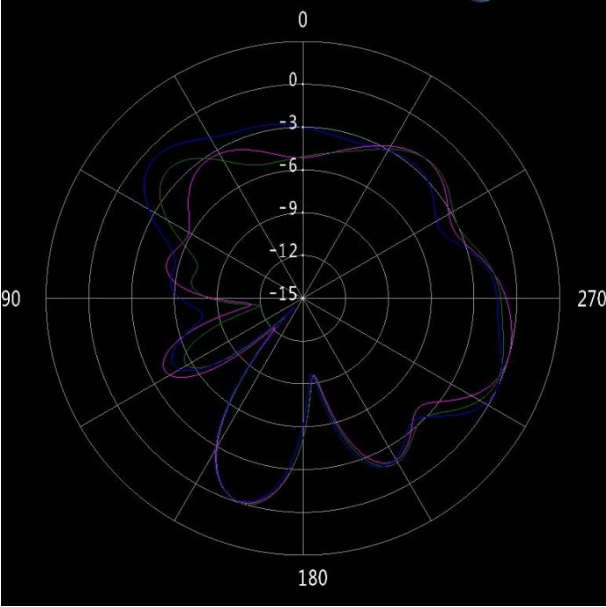


Phi=0

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Phi=90



Theta=90

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4 Antenna Photo

