

Antenna Specifications

1 Summary

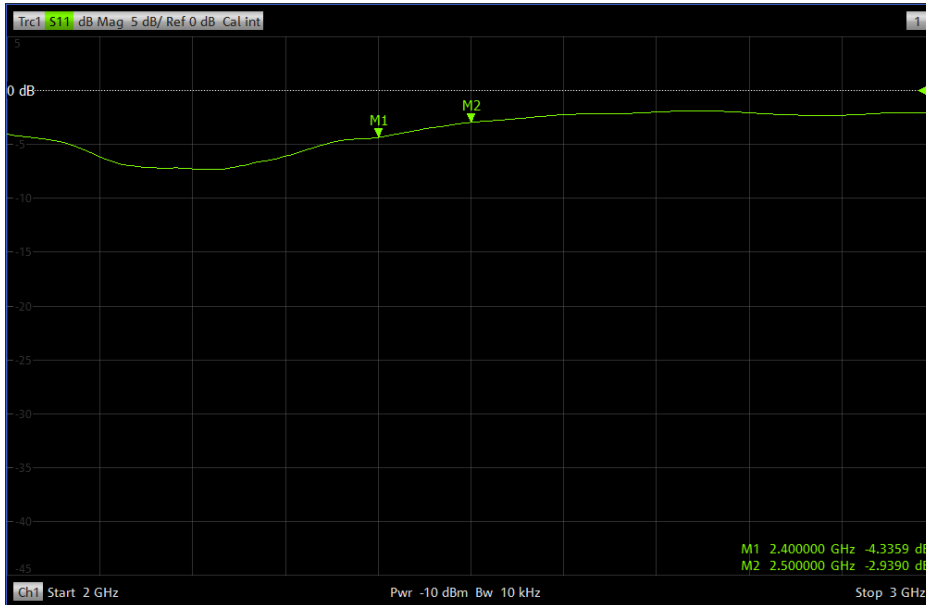
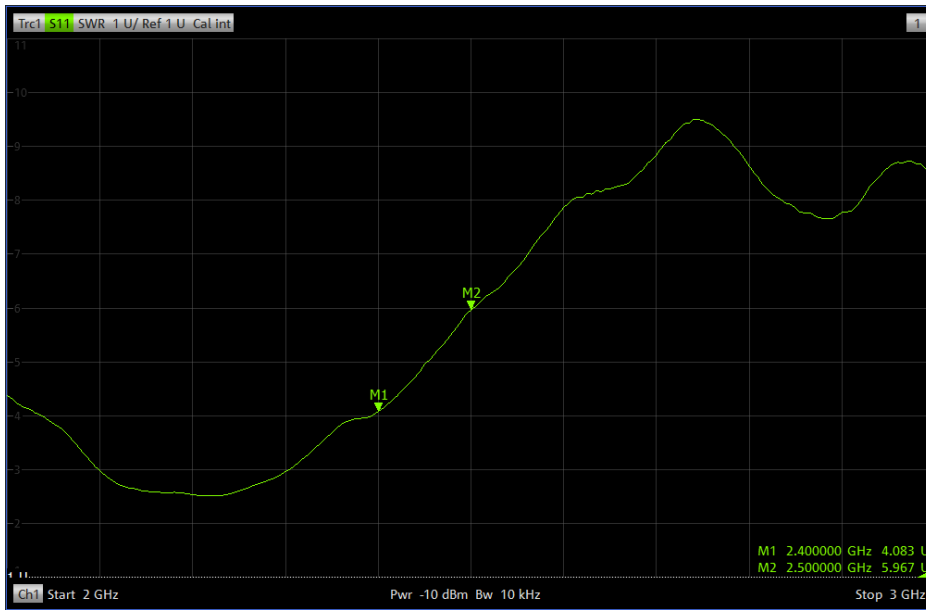
Design Specifications	Typical	Units
天线形式(Antenna Type)	PCB	
工作频率(working Frequency)	2400-2500	MHz
增益 (Gain)	-0.12> Gain >-1.24	DBi
天线效率 (Antenna efficiency)	>16.35	%
电压驻波比 (VSWR)	<6: 1	
极化方式(Polarization)	N/A	N/A
轴比(Axial Ratio)	N/A	N/A
辐射方向(Radiation pattern)	omnidirectional	
馈电阻抗(impedance)	50 ohm	
功率容量(Power handling)	33	dBm
天线接口(Interface)	N/A	N/A
天线尺寸(Overall dimensions)	Refer Antenna photo	N/A
重量(Weight)	N/A	N/A
工作温度(Operatin Temp)	-30 ----- 70	°
储存温度(Storing Temp)	-30 ----- 70	°

Antenna Specifications

2 VSWR

Fre. (MHz)	VSWR
2400	≤ 4.1
2500	≤ 6.0

2.1 SWR log mag

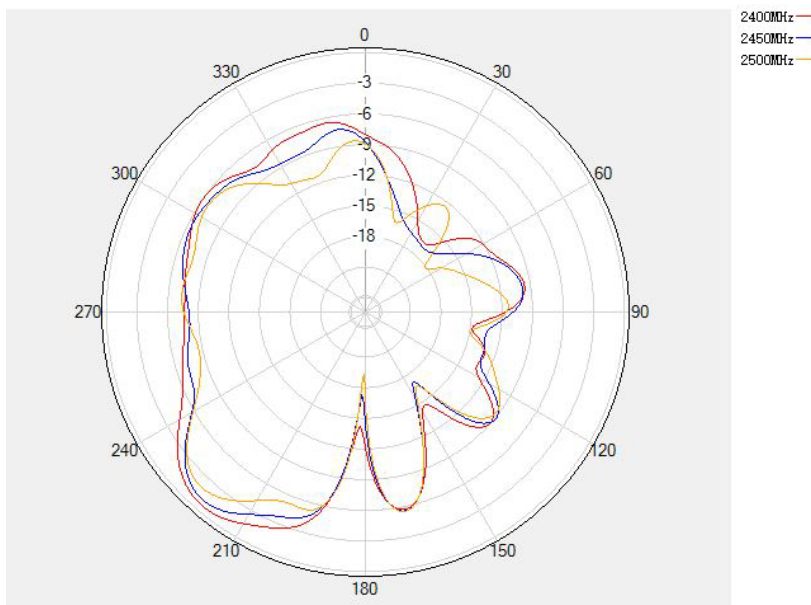


Antenna Specifications

2.2 Antenna Efficiency

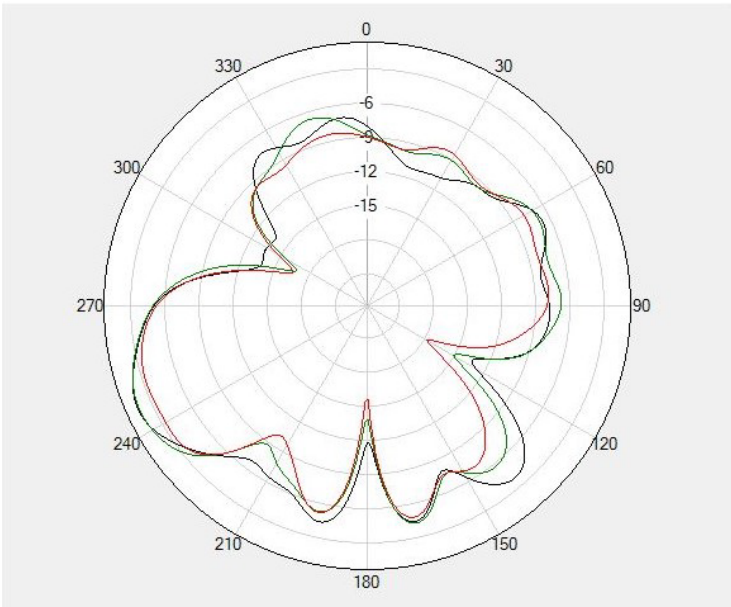
Freq(MHz)	gain(dBi)	efficiency(dBi)	efficiency(%)
2400	-0.12	-6.77	21.02
2410	-0.13	-6.69	21.41
2420	-0.27	-6.77	21.06
2430	-0.29	-6.78	20.99
2440	-0.37	-6.89	20.48
2450	-0.59	-7.13	19.38
2460	-0.69	-7.21	18.99
2470	-1.00	-7.41	18.14
2480	-1.14	-7.60	17.38
2490	-1.24	-7.83	16.49
2500	-1.23	-7.86	16.35

3 Antenna Pattern

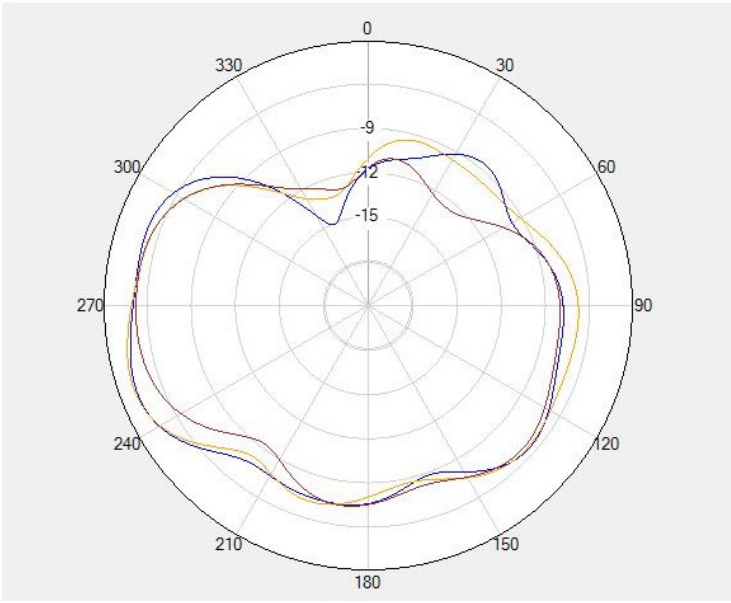


Phi=0

Antenna Specifications



Phi=90



Theta=90