

# Antenna Specifications

## 1 Summary

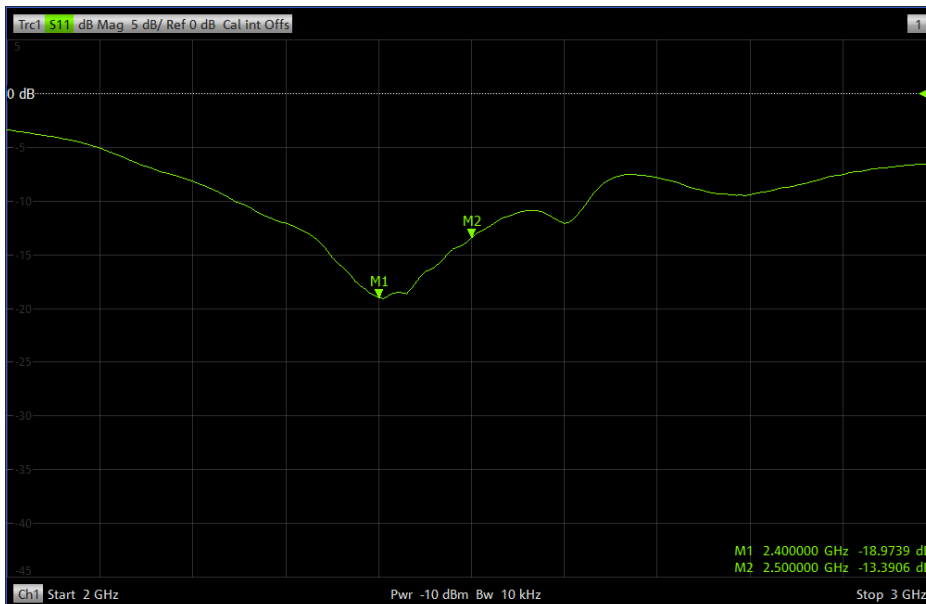
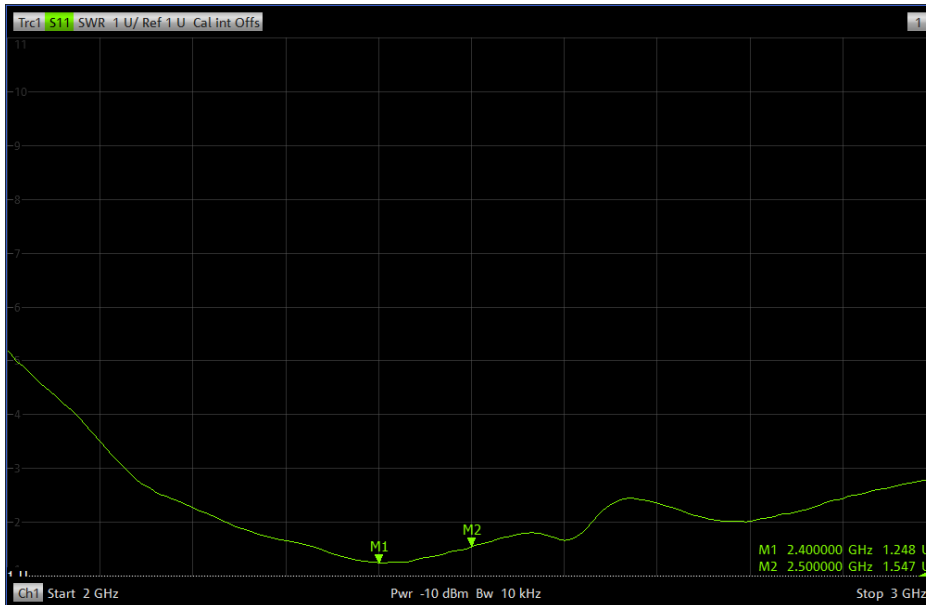
Design Specifications	Typical	Units
天线形式(Antenna Type)	PCB Antenna	
工作频率(working Frequency)	2400-2500	MHz
增益 (Gain)	2.41> <b>Gain</b> >2.02	DBi
天线效率 (Antenna efficiency)	>52.21	%
电压驻波比 (VSWR)	<1.5: 1	
极化方式(Polarization)	N/A	N/A
轴比(Axial Ratio)	N/A	N/A
辐射方向(Radiation pattern)	omnidirectional	
馈电阻抗(impedance)	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)	N/A	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	$\leq 1.2$
2500	$\leq 1.5$

### 2.1 SWR log mag



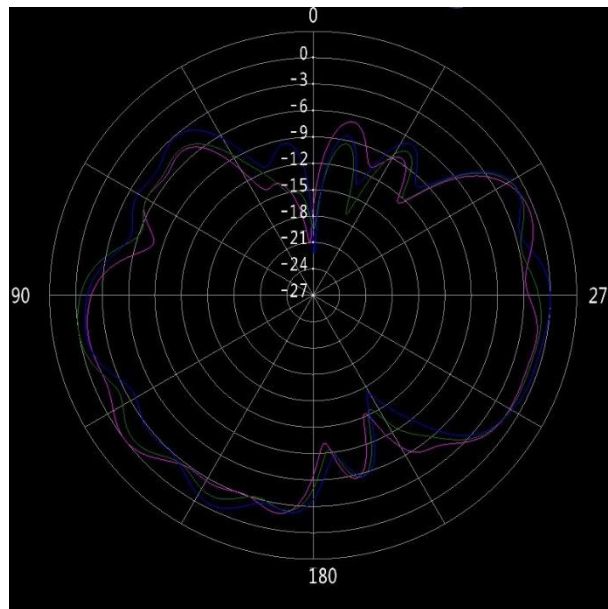
# Antenna Specifications

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## 2.2 Antenna Efficiency

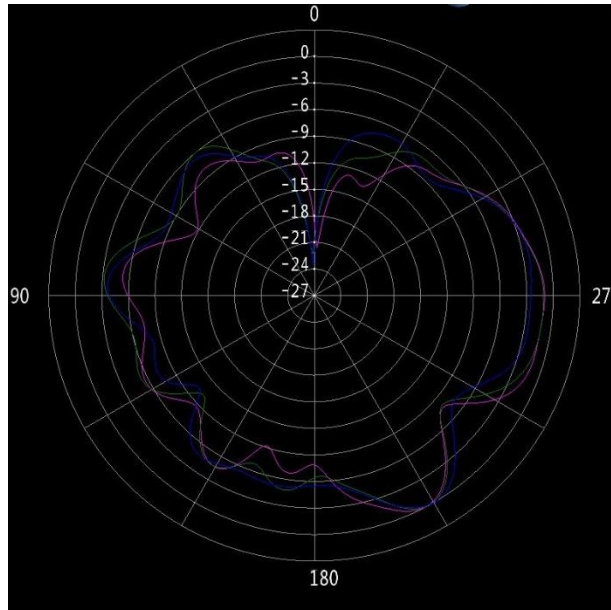
Freq(MHz)	gain(dBi)	efficiency(dBi)	efficiency(%)
2400	2.02	-2.82	52.21
2410	2.22	-2.74	53.22
2420	2.34	-2.70	53.68
2430	2.38	-2.65	54.38
2440	2.41	-2.54	55.66
2450	2.27	-2.57	55.35
2460	2.24	-2.51	56.10
2470	2.23	-2.48	56.53
2480	2.23	-2.49	56.31
2490	2.20	-2.55	55.59
2500	2.33	-2.44	56.99

## 3 Antenna Pattern

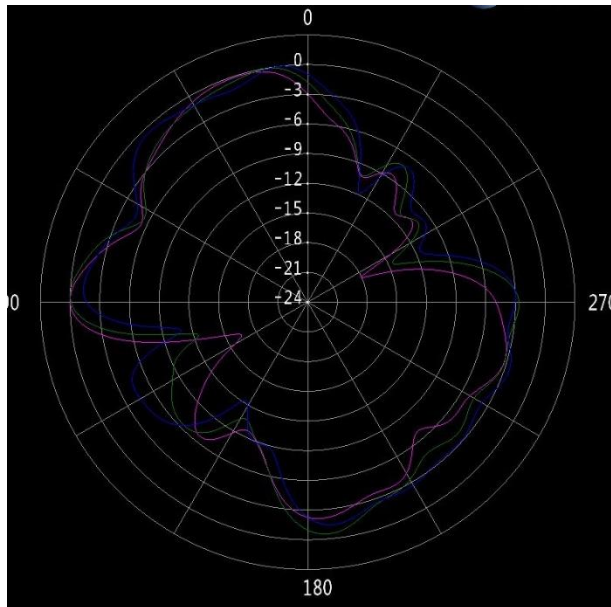


**Phi=0**

# Antenna Specifications



**Phi=90**



**Theta=90**

## 4 Antenna Dimension

