

En No 702-1-01952

Semi Directional Antenna 2.4-2.5 & 5.1-5.9 GHz



2.4GHz Antenna



5GHz Antenna

Electrical Parametres

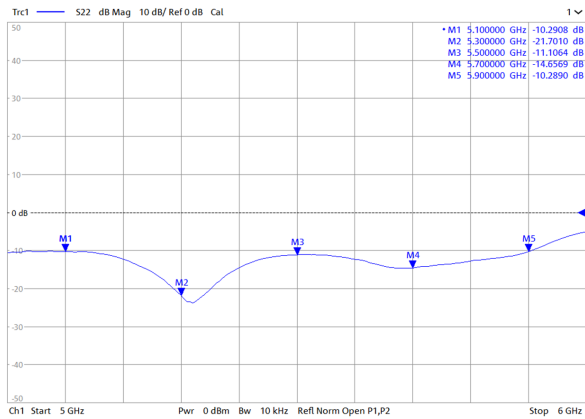
Parameter	Electrical Parameters	
	2.4GHz	5GHz
Frequency	2400-2500	5100-5900
Gain	8 ±0.5	10 ±0.5
VSWR	<1.5	<1.5
Pattern Type	Semi-Directional	Semi-Directional
Impedance	50 ±3	50 ±3
Cable Connector Terminal	170mm cable (1.13mm dia) & U.FL connector	170mm cable (1.13mm dia) & U.FL connector

Peak Antenna Gain

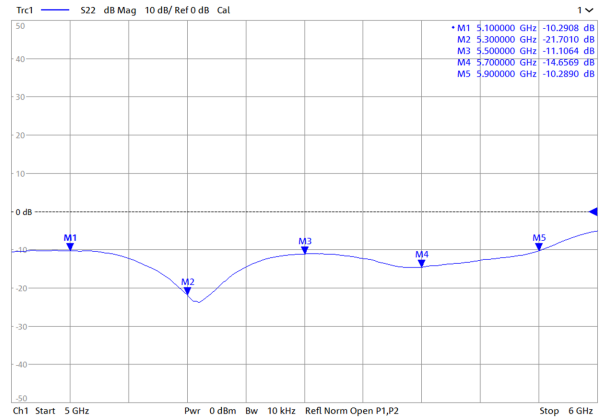
5GHz Antenna Gain		2.4GHz Antenna Gain	
Frequency(GHz)	Gain(dBi)	Frequency(GHz)	Gain(9dBi)
5.1	9.4	2.4	7.9
5.5	9.8	2.45	8.5
5.7	11.1	2.5	8.8

*Antenna Elements mounts on Alluminium Plate of 1mm Thickness

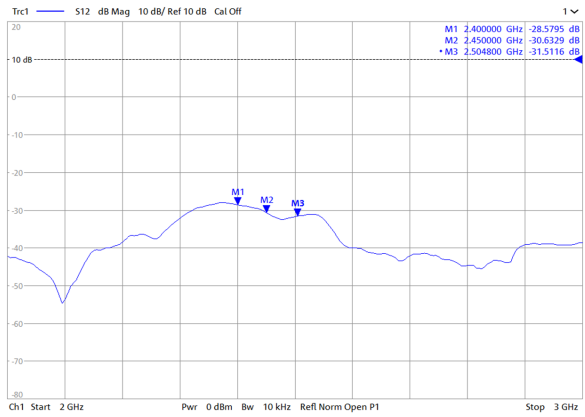
2.4GHz Return Loss



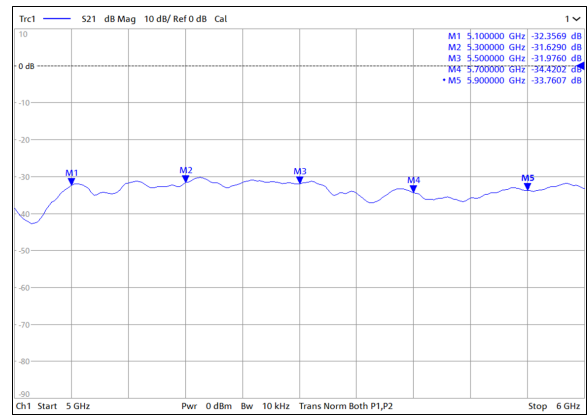
5GHz Return Loss



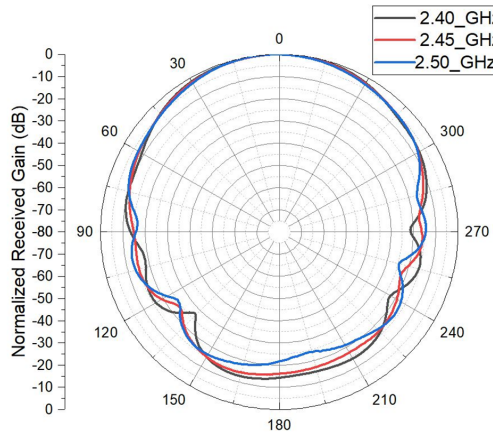
Isolation at 2.4GHz



Isolation at 2.4GHz:



2.4G Radiation Pattern



5G Radiation Pattern

