

Antenna type is Dipole

Wi-Fi 6 Antenna

RFA-27-C38H1-C198

Specifications

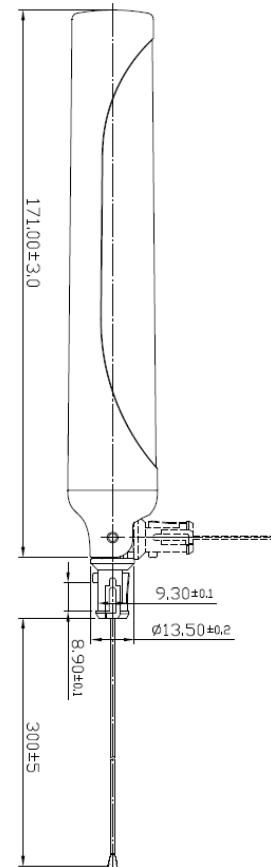
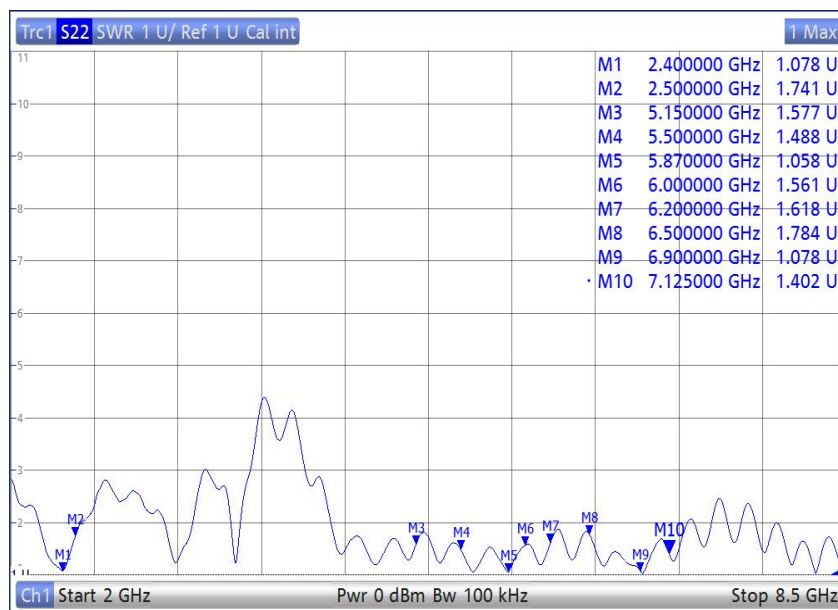
Frequency	2400-2500 MHz	5150-7125 MHz
Peak gain	3 dBi	5 dBi
Average gain	0.7 dBi	0 dBi
VSWR	2.0 : 1 Max.	2.0 : 1 Max.
Polarization	Linear, vertical	
Impedance	50 Ω	
Connector	IPEX	
Cable	Ø1.13 L:300mm	

Environment & Mechanical Characteristics

Temperature	- 10°C to +55°C
Humidity	95% @ 25°C



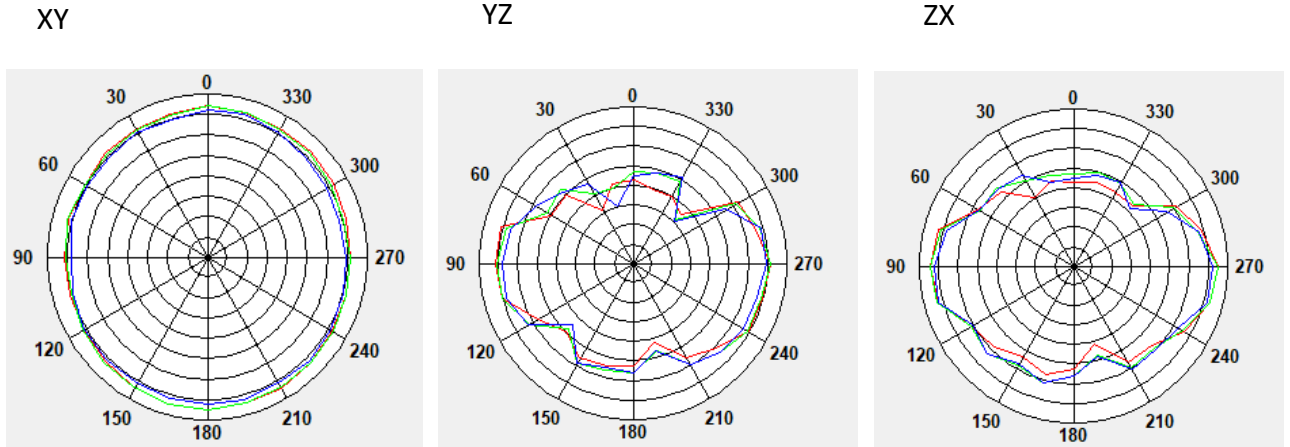
VSWR



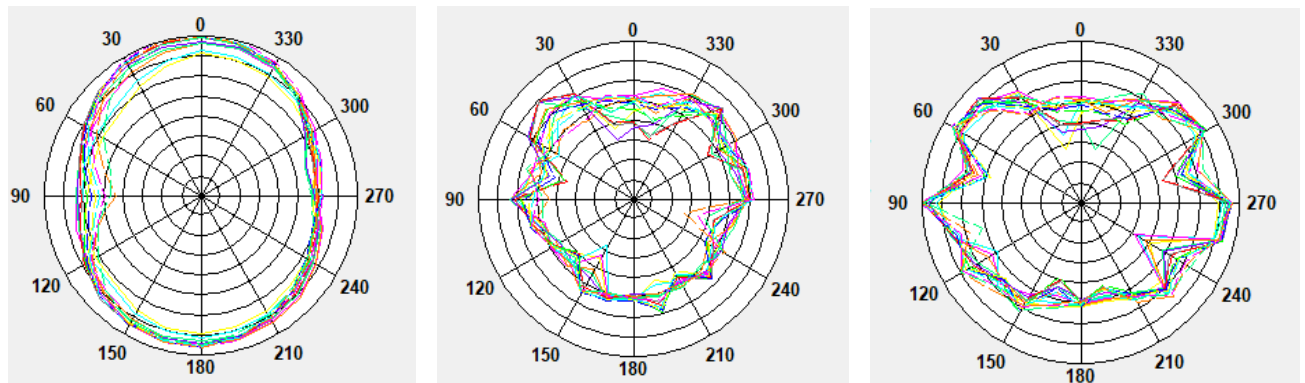
Max: 5  
Min: -35  
Scale: 5/div

## Radiation Pattern

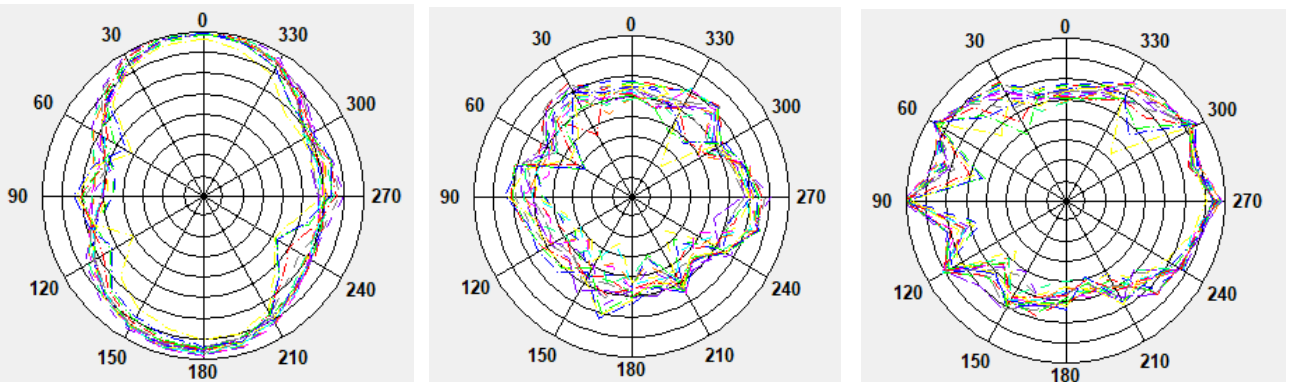
2400 MHz  
2450 MHz  
2500 MHz



5150 MHz  
5210 MHz  
5290 MHz  
5350 MHz  
5475 MHz  
5530 MHz  
5600 MHz  
5610 MHz  
5690 MHz  
5725 MHz  
5750 MHz  
5765 MHz  
5825 MHz  
5875 MHz  
5975 MHz



6000 MHz  
6055 MHz  
6135 MHz  
6215 MHz  
6295 MHz  
6375 MHz  
6455 MHz  
6535 MHz  
6615 MHz  
6695 MHz  
6775 MHz  
6855 MHz  
6935 MHz  
7015 MHz  
7075 MHz  
7125 MHz



**Gain Table**

Frequency (MHz)	Peak Gain (dBi)
2400.00	2.59
2450.00	3.00
2500.00	2.54

Frequency (MHz)	Peak Gain(dBi)
5150.00	2.93
5210.00	2.95
5290.00	3.53
5350.00	3.23
5475.00	3.08
5530.00	3.04
5600.00	3.93
5610.00	3.99
5690.00	4.95
5725.00	4.54
5750.00	4.61
5765.00	4.78
5825.00	4.86
5875.00	5.00
5975.00	4.18
6000.00	4.17
6055.00	3.71
6135.00	3.84
6215.00	3.34
6295.00	4.39
6375.00	4.52
6455.00	4.89
6535.00	5.00
6615.00	5.00
6695.00	5.00
6775.00	5.00
6855.00	5.00
6935.00	5.00
7015.00	4.62
7075.00	4.19
7125.00	2.25

