

Antenna type is Dipole

Wi-Fi 6 Antenna

RFA-27-C38H1-C198

Specifications

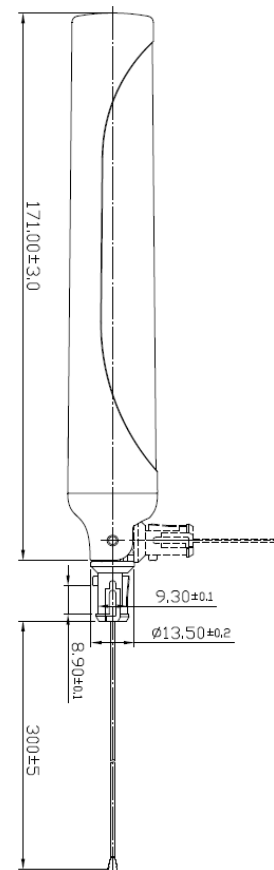
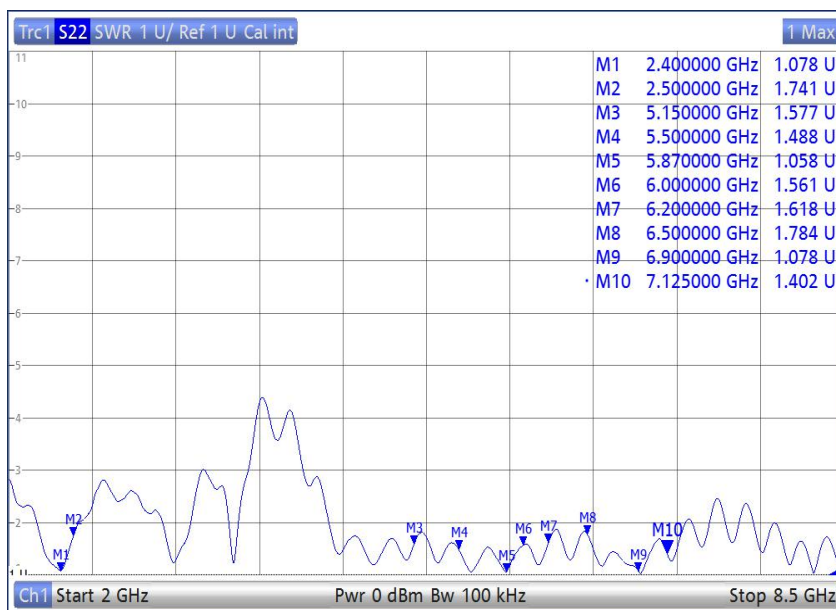
Frequency	2400-2500 MHz	5150-7125 MHz
Peak gain	3 dBi	5 dBi
Average gain	0.7 dBi	0 dBi
VSWR	2.0 : 1 Max.	2.0 : 1 Max.
Polarization	Linear, vertical	
Impedance	50 Ω	
Connector	IPEX	
Cable	$\varnothing$ 1.13 L:300mm	

Environment & Mechanical Characteristics

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



VSWR

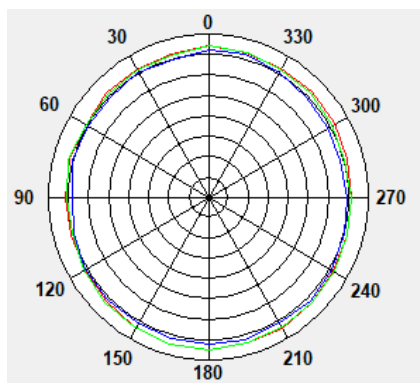


Max: 5
Min: -35
Scale: 5/div

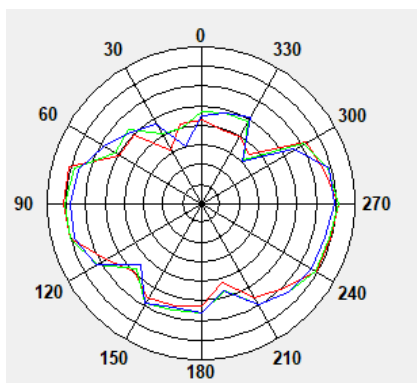
Radiation Pattern

2400 MHz
2450 MHz
2500 MHz

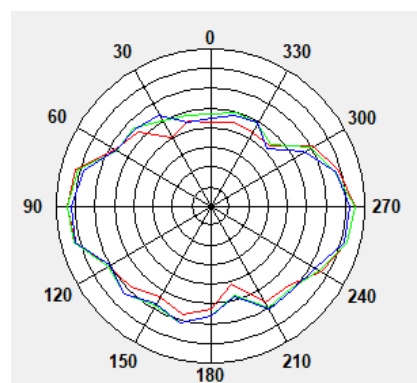
XY



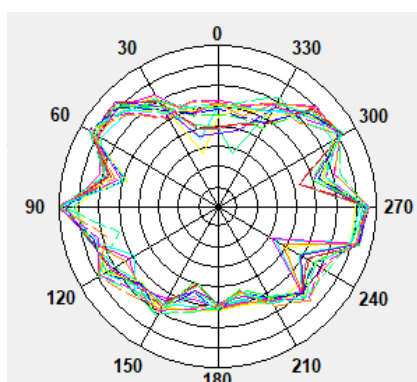
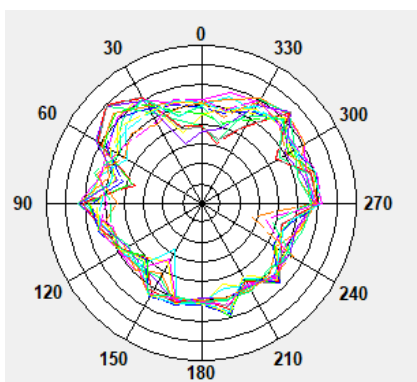
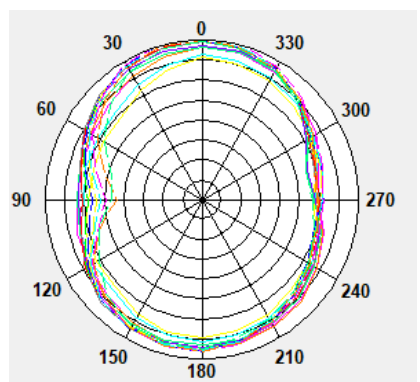
YZ



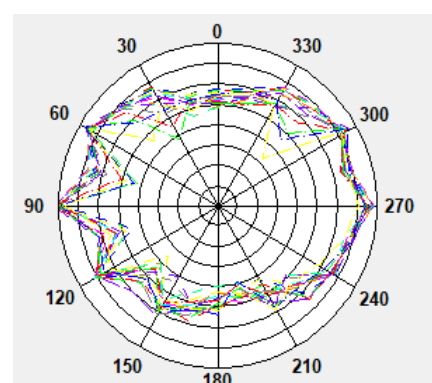
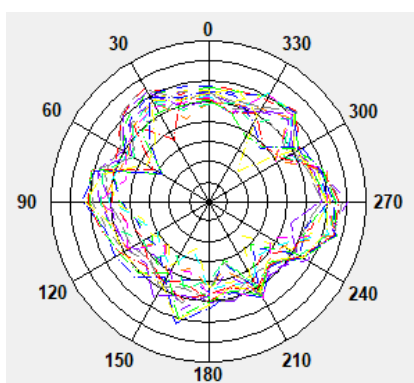
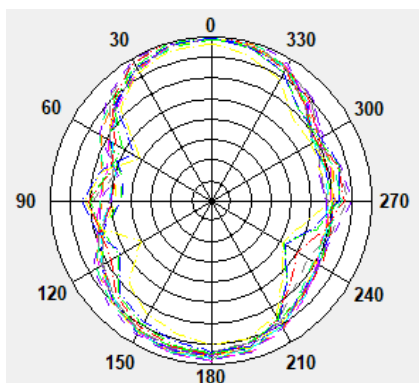
ZX



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



