

## Wi-Fi 6E Antenna

Revise2

### RFA-27-C2M2-U-M70

#### Specifications

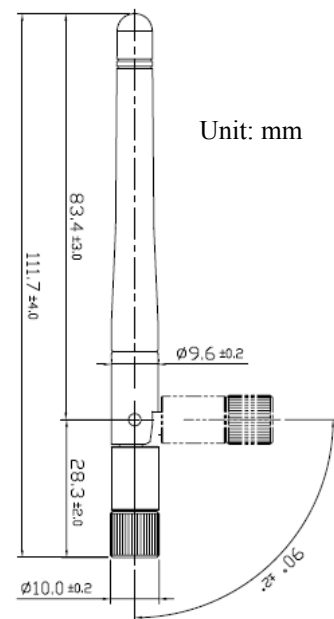
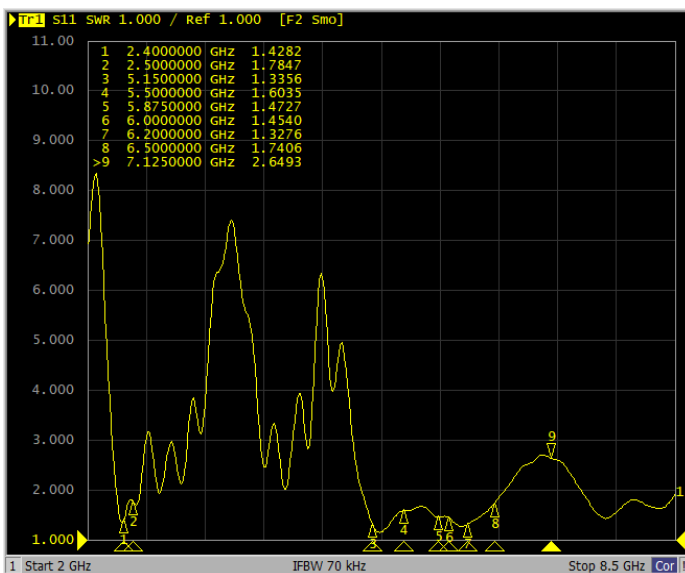
Frequency range	2400 - 2500 MHz	5150 - 5925 MHz	6000 - 7125 MHz
Peak gain	2.35 dBi	3.0 dBi	3.02 dBi
Average gain	1.25 dBi	1.6 dBi	1.87 dBi
VSWR	2.0 : 1 Max.	2.0 : 1 Max.	3.0 : 1 Max.
Polarization	Linear, vertical		
Power handling	2 W (cw)		
Impedance	50 Ω		
Connector	RP SMA PLUG		

#### Environmental & Mechanical Characteristics

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

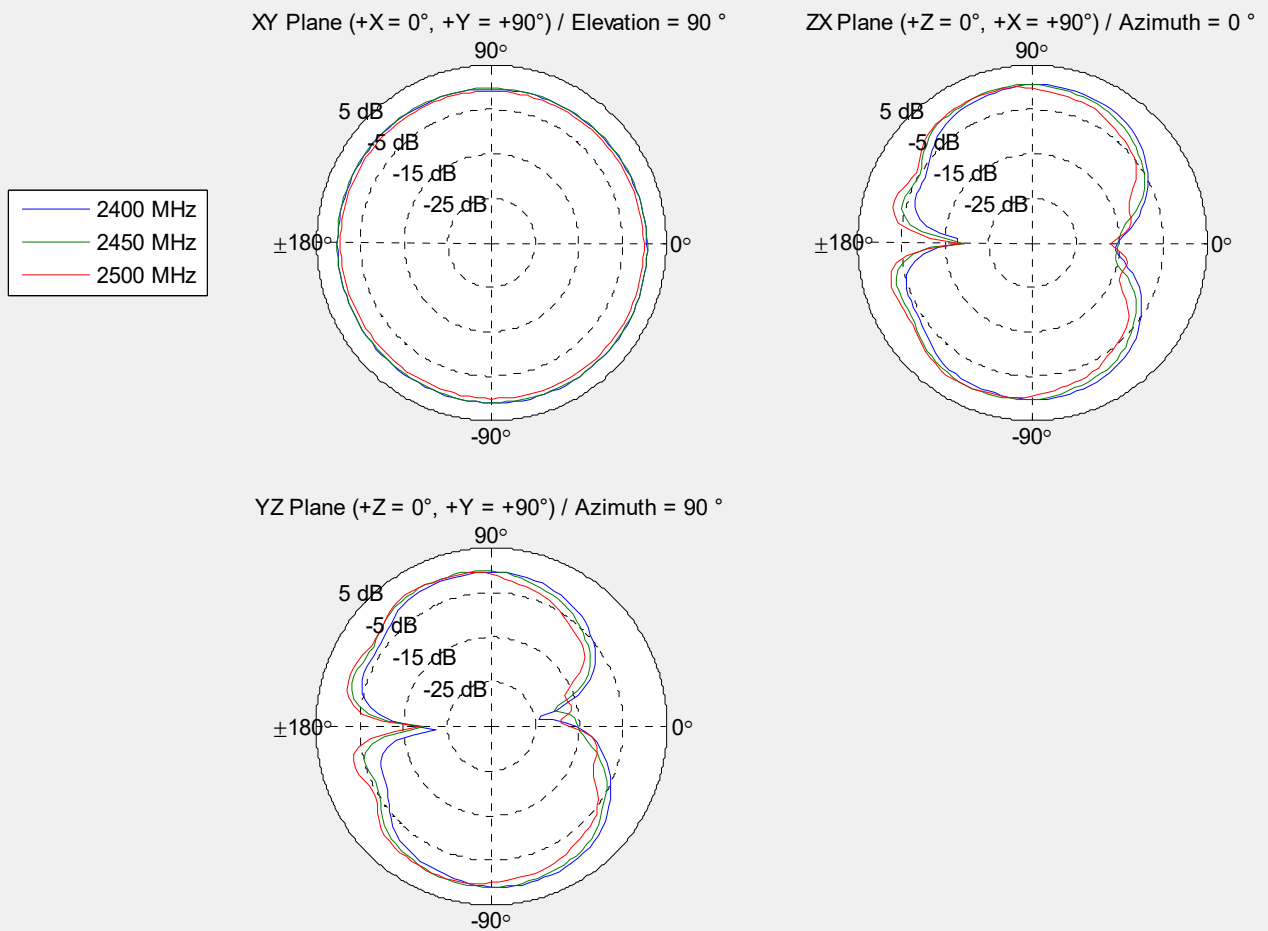


#### VSWR



Radiation Pattern

2G Band = 2400 - 2500 MHz % 2G Band



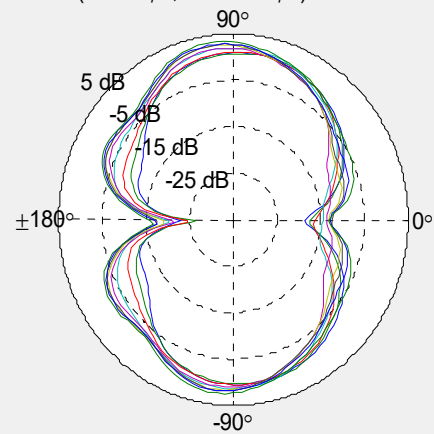
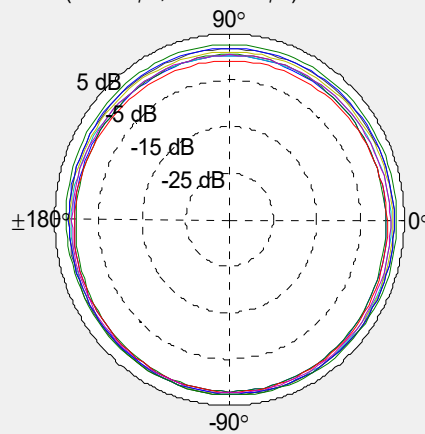
## Radiation Pattern

5G Band = 4900 - 5975 MHz

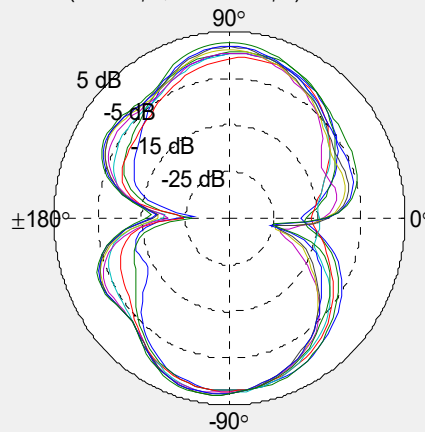
XY Plane (+X = 0φX, +Y = +90φX) / Elevation = 90 φX

ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX

- 5150 MHz
- 5250 MHz
- 5350 MHz
- 5470 MHz
- 5600 MHz
- 5725 MHz
- 5785 MHz
- 5850 MHz
- 5925 MHz

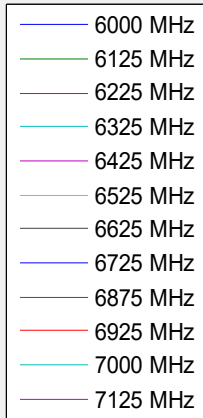


YZ Plane (+Z = 0φX, +Y = +90φX) / Azimuth = 90 φX

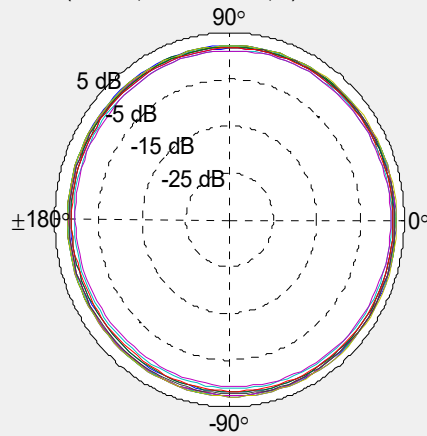


## Radiation Pattern

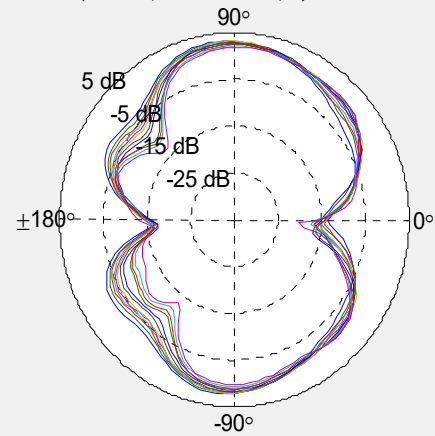
6G Band = 6000 - 8500 MHz



XY Plane (+X = 0φX, +Y = +90φX) / Elevation = 90 φX



ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX



YZ Plane (+Z = 0φX, +Y = +90φX) / Azimuth = 90 φX

