

Antenna Type : Dipole

Revise2

Wi-Fi 6E Antenna

RFA-27-C2M2-U-M70

Specifications

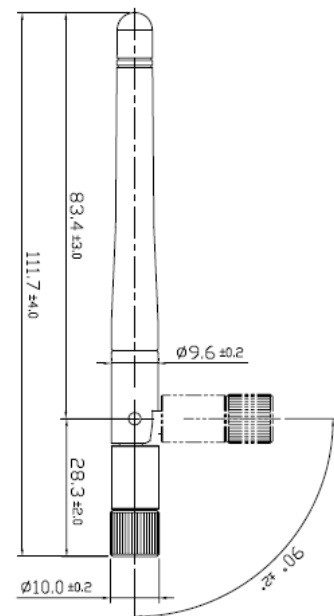
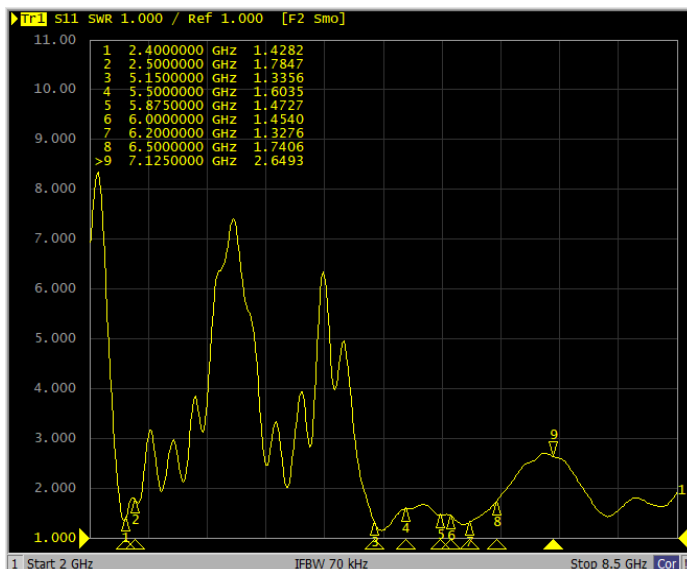
Frequency range	2400 - 2500 MHz	5150 - 5925 MHz	6000 - 7125 MHz
Peak gain	2.35 dBi	3.0 dBi	3.02 dBi
Average gain	1.25 dBi	1.6 dBi	1.87 dBi
VSWR	2.0 : 1 Max.	2.0 : 1 Max.	3.0 : 1 Max.
Polarization	Linear, vertical		
Power handling	2 W (cw)		
Impedance	50 Ω		
Connector	RP SMA PLUG		

Environmental & Mechanical Characteristics

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



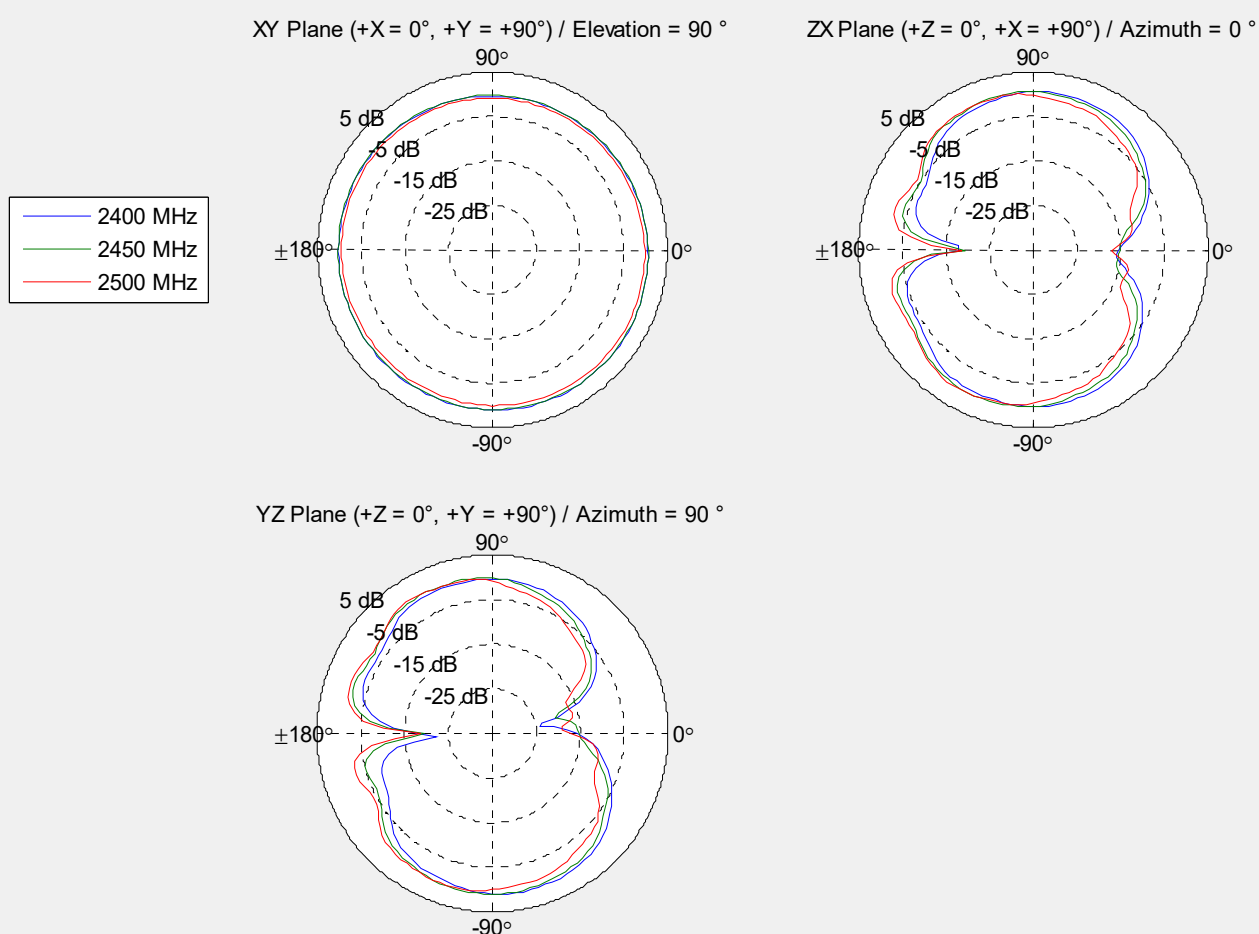
VSWR



ARISTOTLE

Radiation Pattern

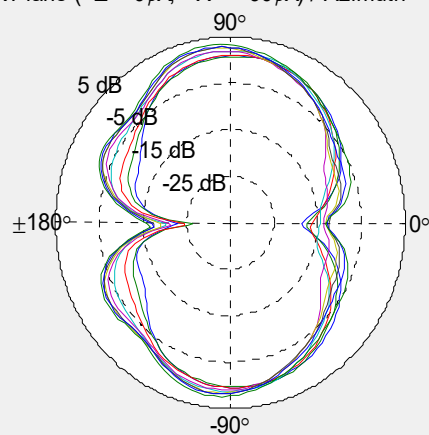
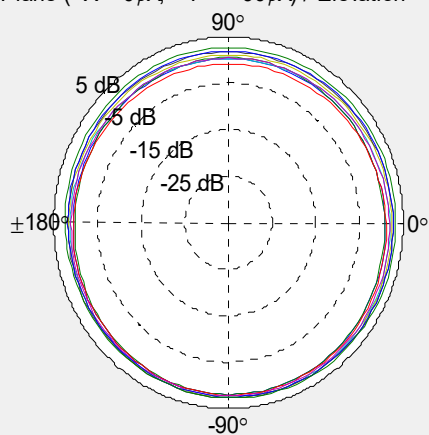
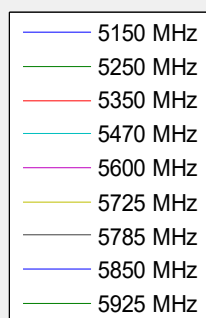
2G Band = 2400 - 2500 MHz % 2G Band



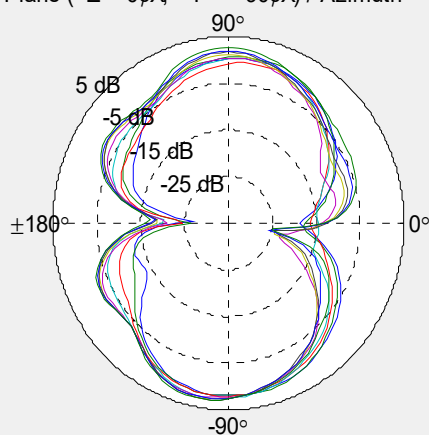
Radiation Pattern

5G Band = 4900 - 5975 MHz

XY Plane ($+X = 0^\circ$, $+Y = +90^\circ$) / Elevation = 90° ZX Plane ($+Z = 0^\circ$, $+X = +90^\circ$) / Azimuth = 0°

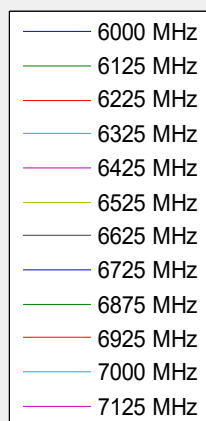


YZ Plane ($+Z = 0^\circ$, $+Y = +90^\circ$) / Azimuth = 90°

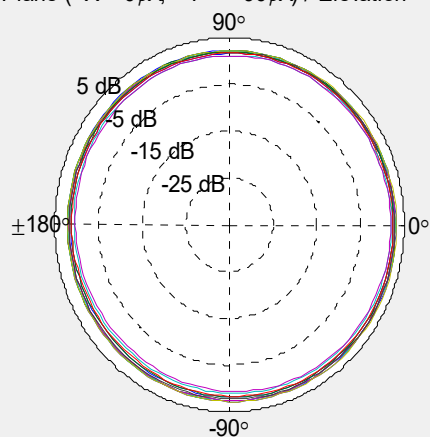


Radiation Pattern

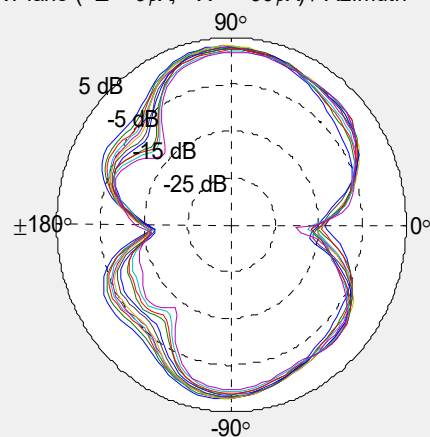
6G Band = 6000 - 8500 MHz



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



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



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

