

Antenna type : Dipole

RFA-27-H60-B-C1035-1

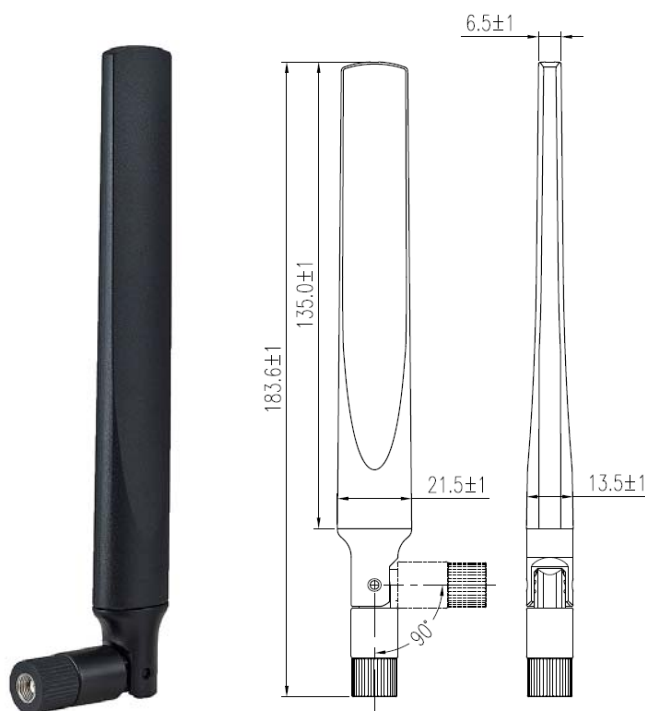
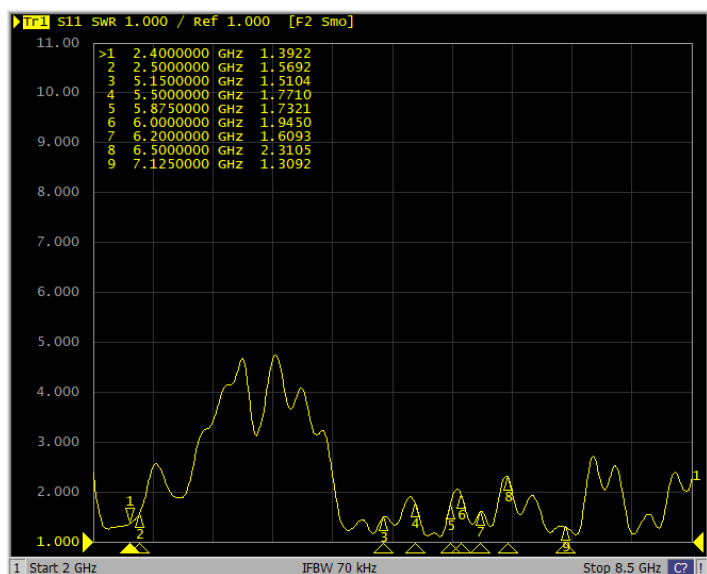
Specifications

Antenna					
Frequency range	2400-2500 MHz	5150-5250 MHz	5300-5350 MHz	5470-5895 MHz	5925-7125 MHz
Peak gain	1.34 dBi	2.88 dBi	2.59 dBi	3.73 dBi	1.86 dBi
VSWR	2.0 : 1 Max.	2.5 : 1 Max.	2.5 : 1 Max.	2.5 : 1 Max.	2.5 : 1 Max.
Polarization	Linear, vertical				
Impedance	50 Ω				
Connector	RP SMA PLUG				
Antenna cable					
Connector	RP SMA JACK / IPEX MHF1				
Cable	Ø1.13				
Length	200mm				

Environmental & Mechanical Characteristics

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

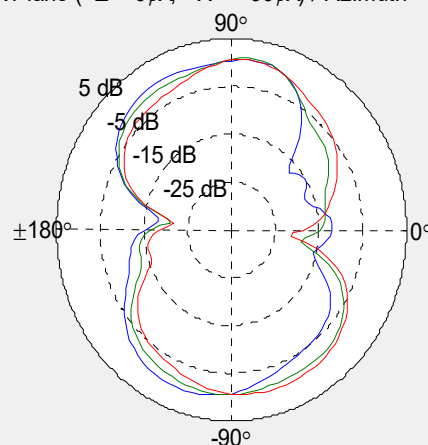
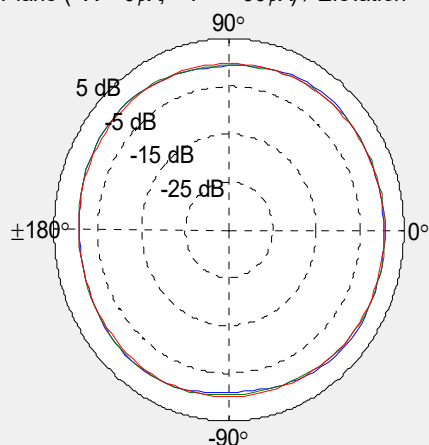
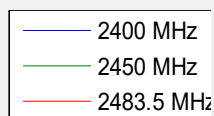
VSWR



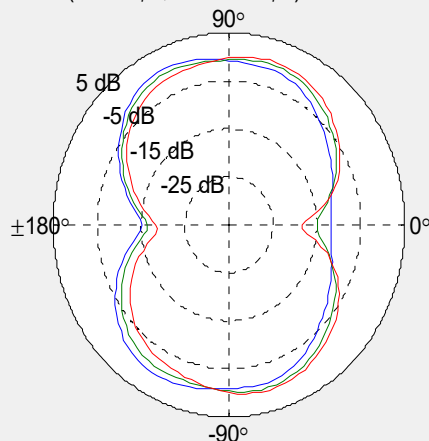
Radiation Pattern

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

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

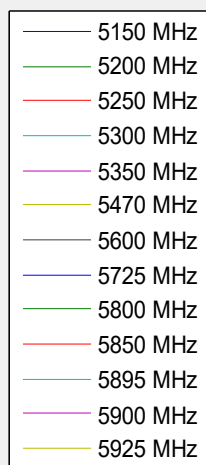


YZ Plane (+Z = 0°X, +Y = +90°X) / Azimuth = 90°X

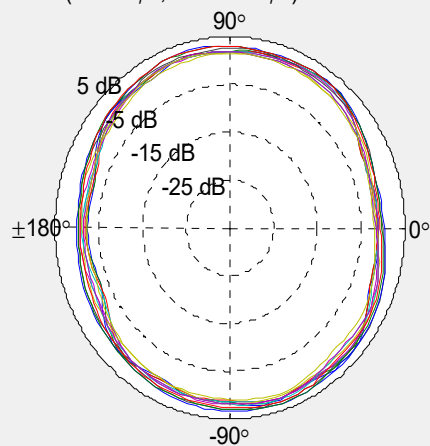


Radiation Pattern

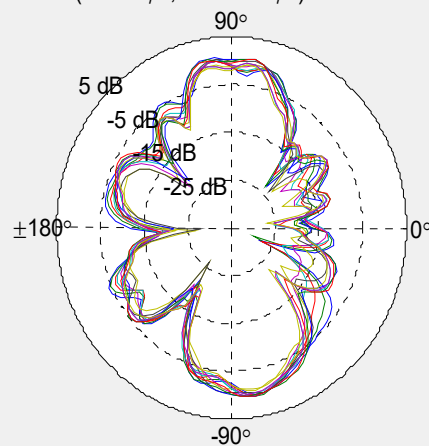
5G Band = 4900 - 5975 MHz



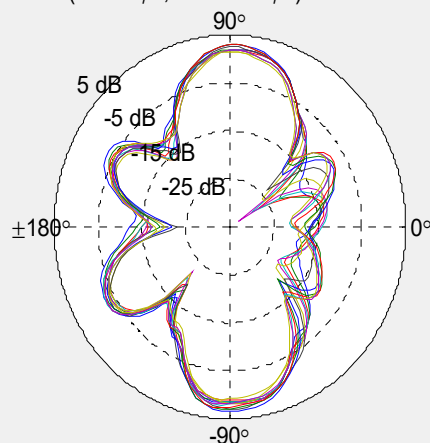
XY Plane (+X = 0°X, +Y = +90°X) / Elevation = 90°X



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



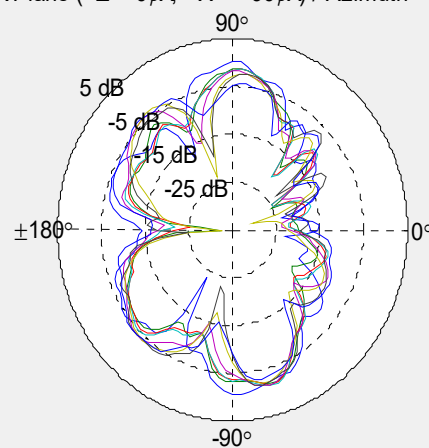
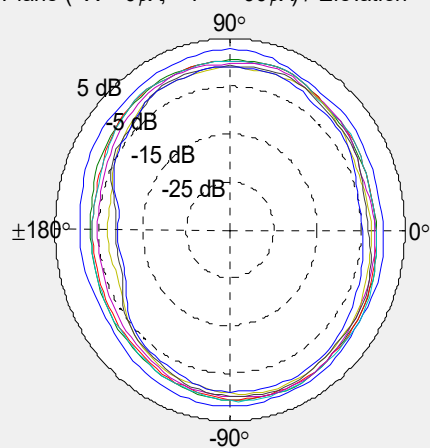
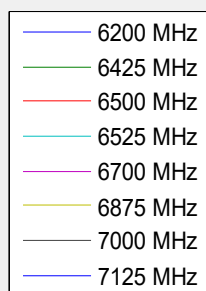
YZ Plane (+Z = 0°X, +Y = +90°X) / Azimuth = 90°X



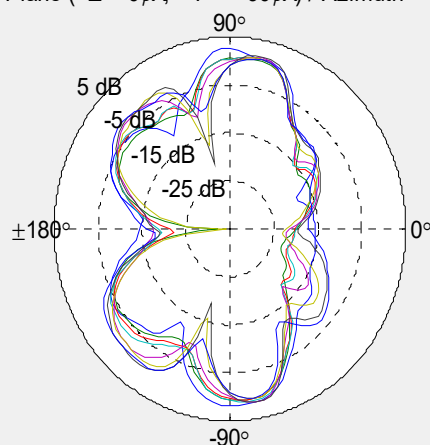
Radiation Pattern

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



Gain Table

Frequency (MHz)	3D		
	Efficiency	Avg. Gain	Peak Gain
2400.00	67.27	-1.72	1.34
2450.00	66.01	-1.80	1.05
2483.50	62.33	-2.05	0.81
5150.00	47.71	-3.21	2.88
5200.00	46.52	-3.32	2.87
5250.00	43.69	-3.60	2.67
5300.00	43.42	-3.62	2.58
5350.00	43.29	-3.64	2.59
5470.00	40.31	-3.95	2.05
5600.00	47.96	-3.19	3.25
5725.00	50.08	-3.00	3.73
5800.00	48.77	-3.12	3.63
5850.00	49.99	-3.01	3.37
5895.00	41.10	-3.86	2.75
5925.00	38.07	-4.19	1.86
6200.00	43.16	-3.65	1.77
6425.00	32.13	-4.93	0.11
6500.00	31.84	-4.97	0.08
6525.00	33.28	-4.78	0.47
6700.00	33.85	-4.70	0.57
6875.00	32.29	-4.91	0.12
7000.00	37.10	-4.31	0.87
7125.00	33.51	-4.75	0.00



