

Antenna type : monopole

RFA-57-JP697-4B-300

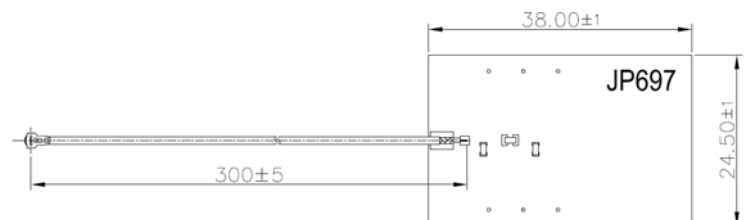
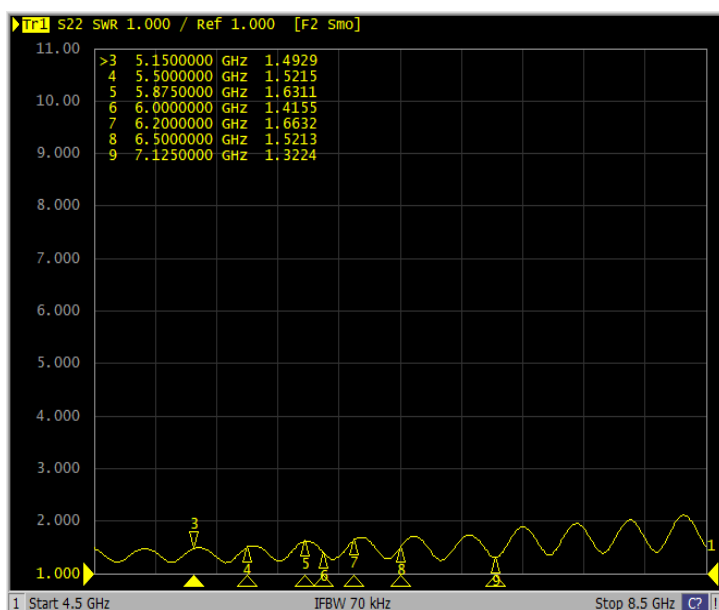
Specifications

Frequency	5150-5895 MHz	5925-7125 MHz
Peak gain	-5 dBi	-5 dBi
VSWR	2.0 : 1 Max.	2.0 : 1 Max.
Polarization	Linear, vertical	
Impedance	50 Ω	
Dimensions	38x24.5mm	
Antenna Material	FR4	
Connector	IPEX MHF4	
Cable	$\varnothing$ 1.13 L:300mm	

Environment & Mechanical Characteristics

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

VSWR

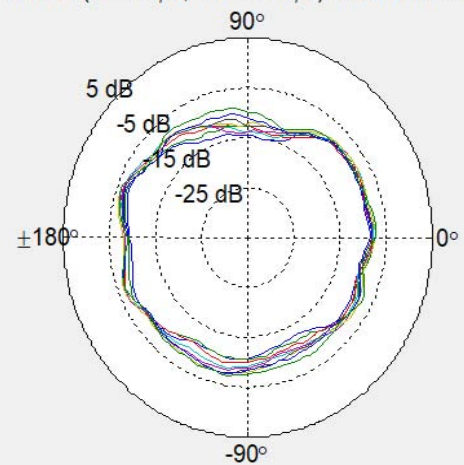
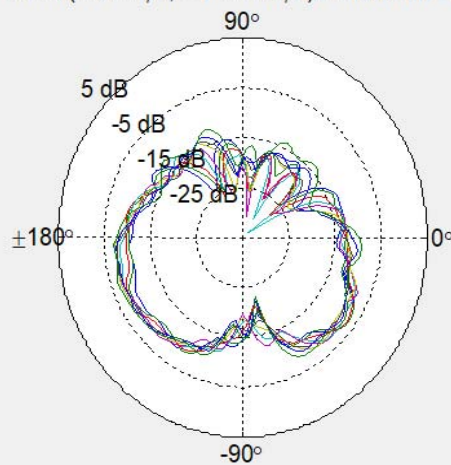
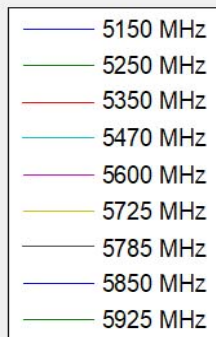


Radiation Pattern

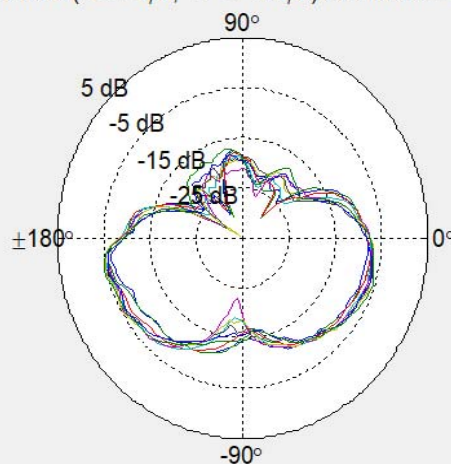
5G Band = 4900 - 5975 MHz

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

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

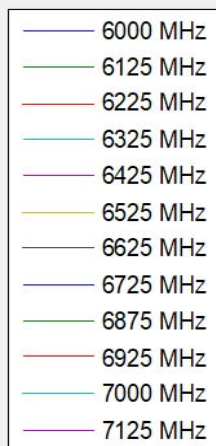


YZ Plane (+Z = 0°X, +Y = +90°X) / Azimuth = 90°X

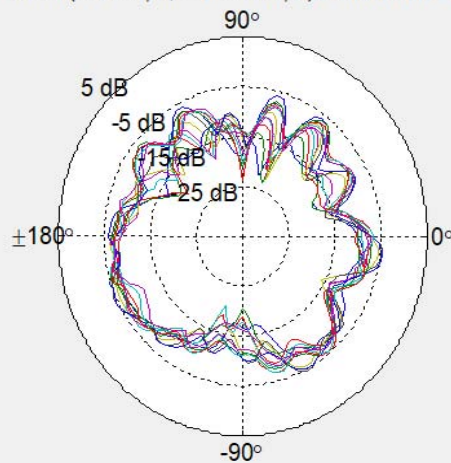


Radiation Pattern

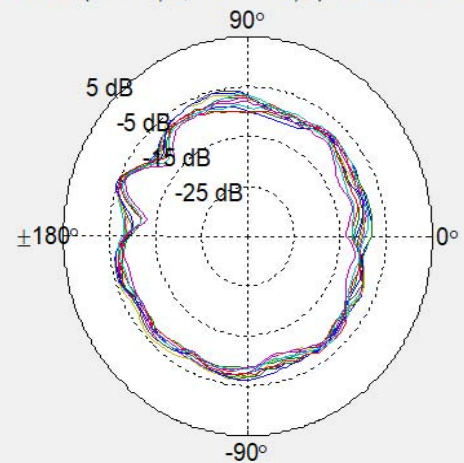
6G Band = 6000 - 8500 MHz



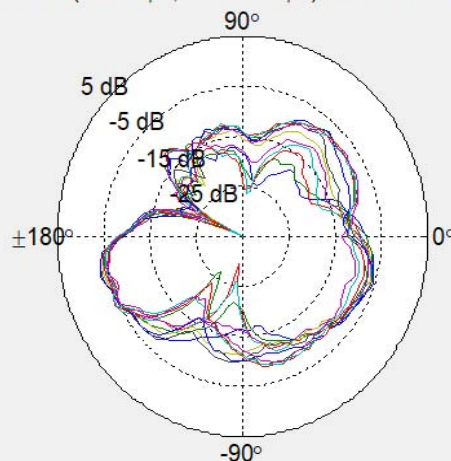
XY Plane (+X = 0°X, +Y = +90°X) / Elevation = 90°X



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)	Peak Gain
5150.00	-5.64
5250.00	-5.66
5350.00	-5.67
5470.00	-5.39
5600.00	-5.41
5725.00	-5.00
5785.00	-5.45
5850.00	-5.42
5925.00	-5.00
6000.00	-4.93
6125.00	-4.91
6225.00	-4.51
6325.00	-3.74
6425.00	-4.36
6525.00	-3.77
6625.00	-3.36
6725.00	-3.20
6875.00	-3.96
6925.00	-3.59
7000.00	-3.64
7125.00	-4.30

