

Antenna type is PIFA

Revise2

RFA-57-JP805-4B-300

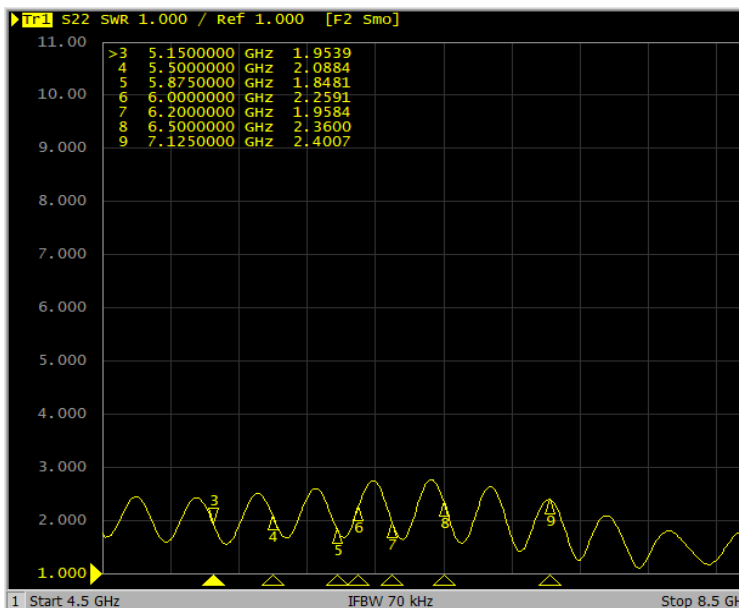
Specifications

Frequency	5150-5895 MHz	5925-7125 MHz
Peak gain	-1.87 dBi	-1.88 dBi
Average gain	-7.92 dBi	-9.08 dBi
VSWR	3.5 : 1 Max.	3.5 : 1 Max.
Polarization	Linear, vertical	
Impedance	50 Ω	
Dimensions	35x20mm	
Antenna Material	FR4	
Connector	IPEX MHF4	
Cable	Ø1.13 L:300mm	

Environment & Mechanical Characteristics

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

VSWR

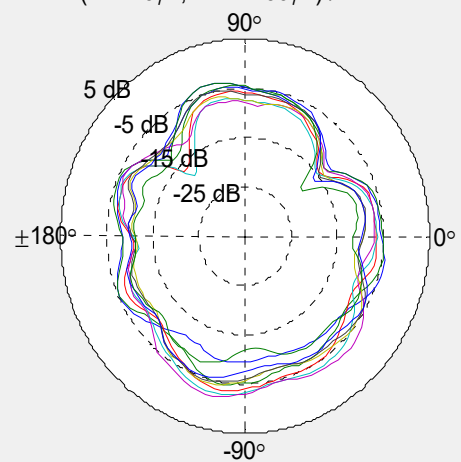
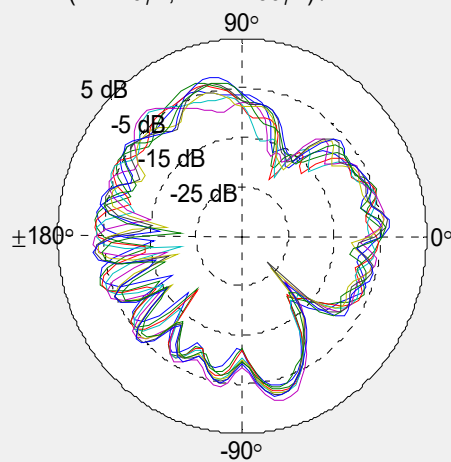
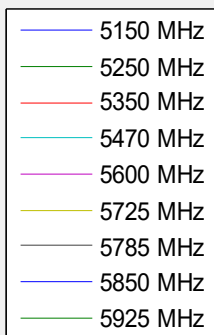


Radiation Pattern

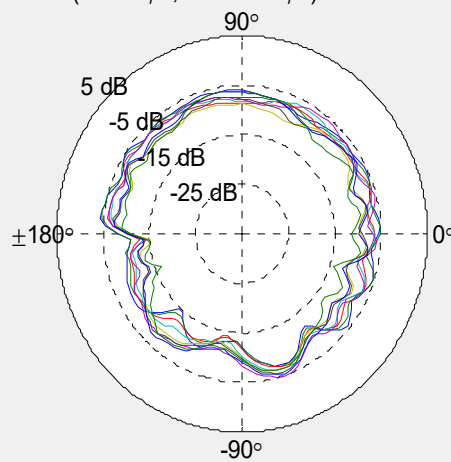
5G Band = 4900 - 5975 MHz

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

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

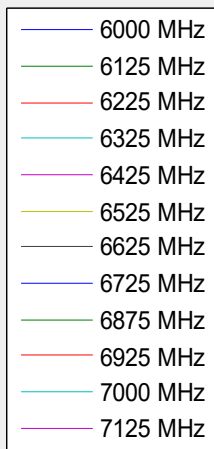


YZ Plane (+Z = 0°X, +Y = +90°X) / Azimuth = 90°X

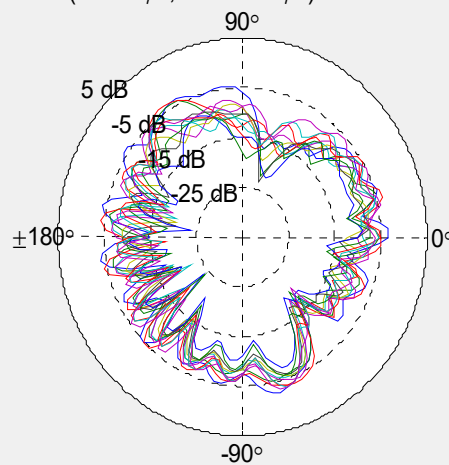


Radiation Pattern

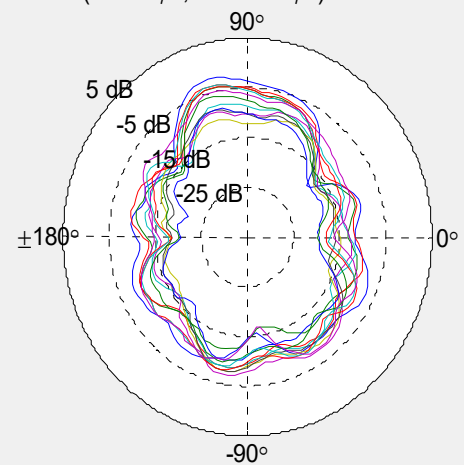
6G Band = 6000 - 8500 MHz



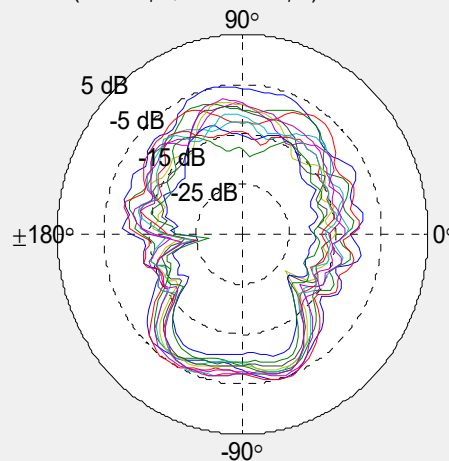
XY Plane (+X = 0°ϕX, +Y = +90°ϕX) / Elevation = 90°ϕX



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



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



Gain Table

Frequency (MHz)	Peak Gain
5150	-2.22
5250	-2.17
5350	-2.16
5470	-2.29
5600	-1.87
5725	-2.24
5785	-2.12
5850	-1.96
5895	-2.29

Frequency (MHz)	Peak Gain
5925	-1.95
6000	-2.15
6125	-2.17
6225	-1.88
6325	-2.22
6425	-2.28
6525	-2.09
6625	-2.1
6725	-2.16
6875	-2.22
6925	-2.19
7000	-2.27
7125	-2.25

