

Antenna type : Dipole

RFA-27-JP326-4BC1035

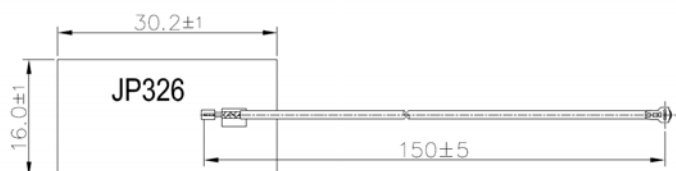
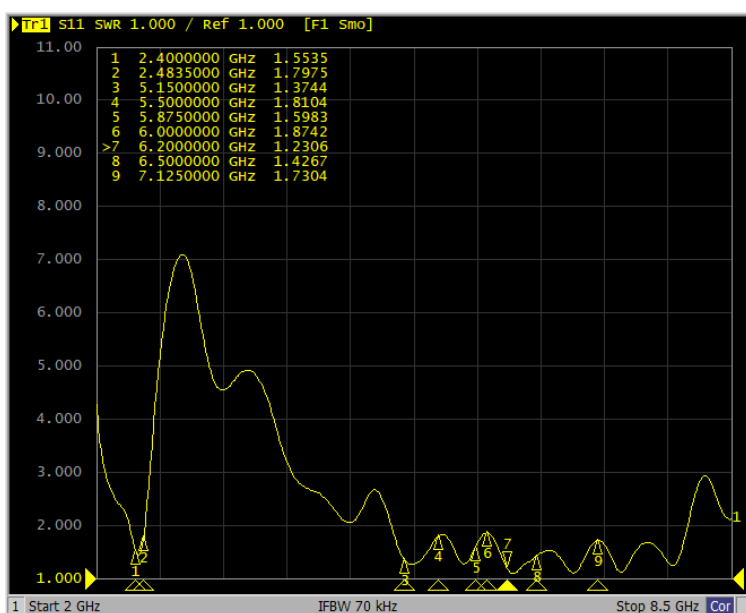
Specifications

Antenna					
Frequency range	2400-2500 MHz	5150-5250 MHz	5300-5350 MHz	5470-5895 MHz	5925-7125 MHz
Peak gain	2.79 dBi	3.6 dBi	3.6 dBi	4.34 dBi	4.14 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	IPEX MHF4				
Cable	$\varnothing$ 1.13				
Length	150mm				

Environmental & Mechanical Characteristics

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

VSWR

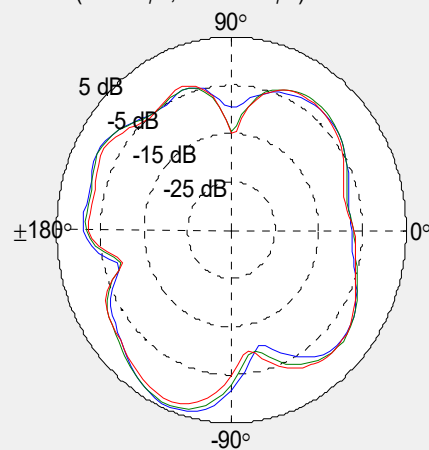
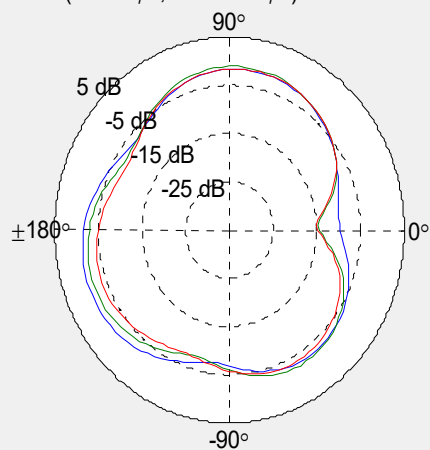


Radiation Pattern

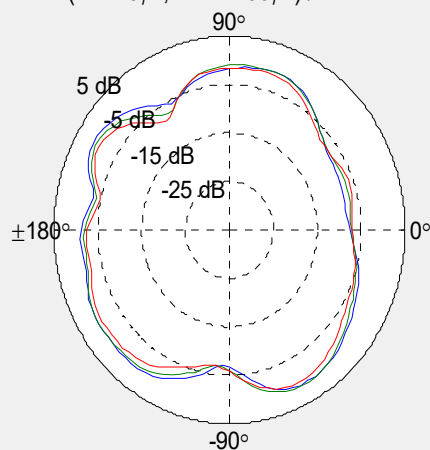
2G Band = 2400 - 2500 MHz % 2G BAND

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

— 2400 MHz
— 2450 MHz
— 2483.5 MHz

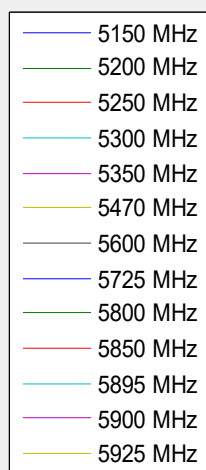


YZ Plane (+Z = 0°X, +Y = +90°X) / Azimuth = 90°X

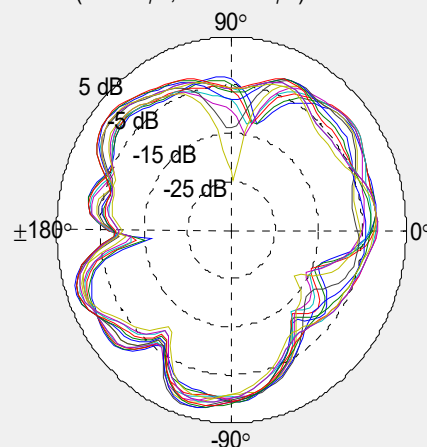
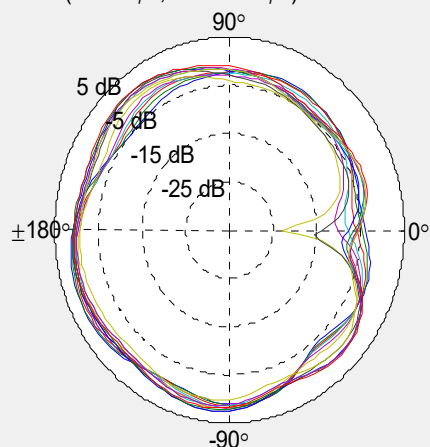


Radiation Pattern

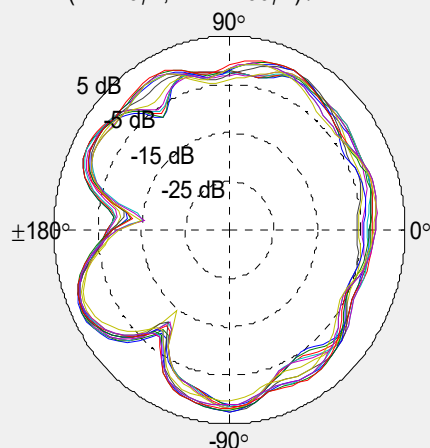
5G Band = 4900 - 5975 MHz



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



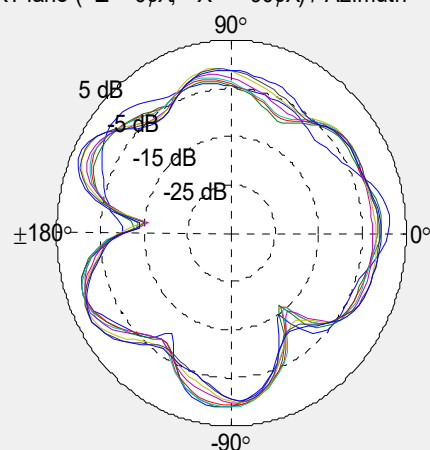
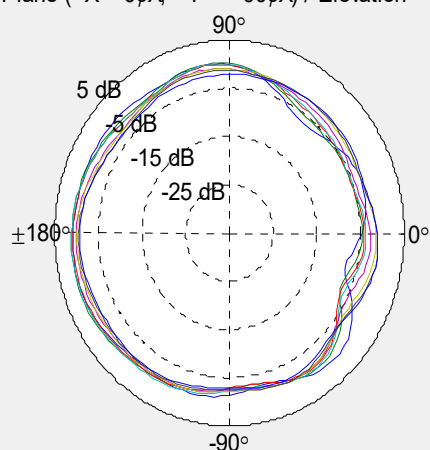
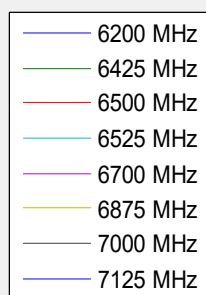
YZ Plane (+Z = 0°X, +Y = +90°X) / Azimuth = 90°X



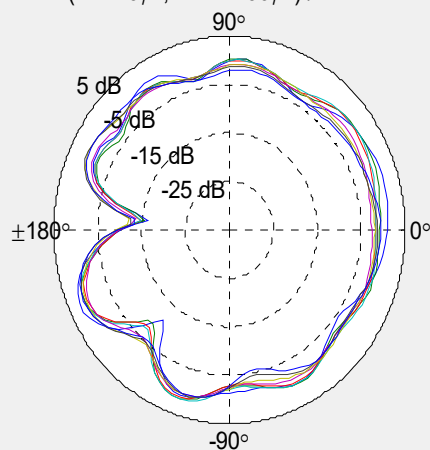
Radiation Pattern

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	66.44	-1.78	2.79
2450.00	64.58	-1.90	2.78
2483.50	55.26	-2.58	2.73
5150.00	61.24	-2.13	3.53
5200.00	62.03	-2.07	3.59
5250.00	63.23	-1.99	3.60
5300.00	62.32	-2.05	3.36
5350.00	62.29	-2.06	3.60
5470.00	60.90	-2.15	3.12
5600.00	66.11	-1.80	3.67
5725.00	62.74	-2.02	3.94
5800.00	64.55	-1.90	4.04
5850.00	65.33	-1.85	4.34
5895.00	62.12	-2.07	3.29
5925.00	62.67	-2.03	3.54
6200.00	65.08	-1.87	4.14
6425.00	66.77	-1.75	3.70
6500.00	64.22	-1.92	3.29
6525.00	63.58	-1.97	3.83
6700.00	61.00	-2.15	3.19
6875.00	65.71	-1.82	3.34
7000.00	64.00	-1.94	3.36
7125.00	63.11	-2.00	3.44



