

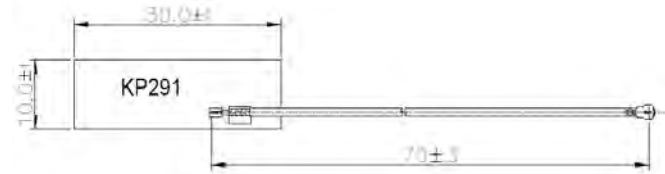
Datasheet

Antenna Type: PIFA RFA-25-KP291-4G-70

13083

Specifications

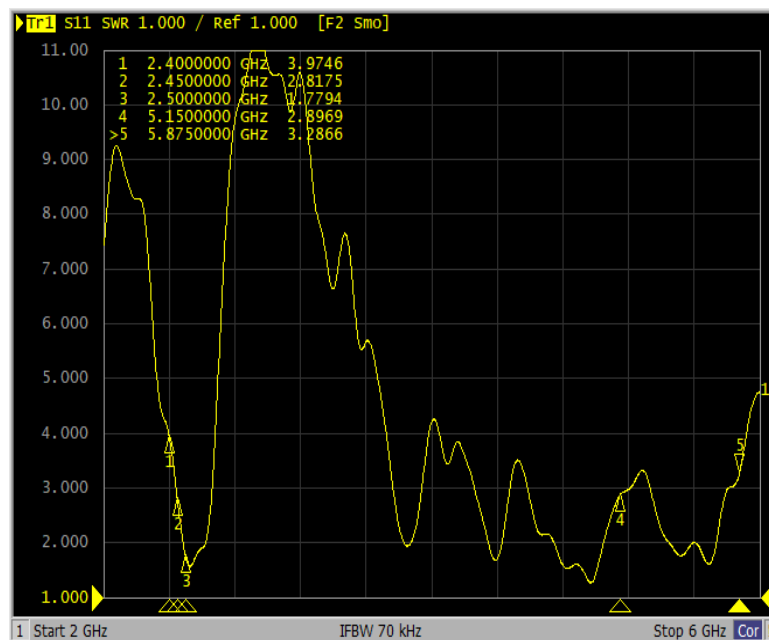
Frequency	2400-2500 MHz	5150-5895 MHz
Peak gain	-1.48 dBi	-0.99 dBi
Average gain	-7.81 dBi	-7.06 dBi
Efficiency	14 %	12 %
VSWR	4.5 : 1 Max.	4.0 : 1 Max.
Impedance	50 Ω	
Connector	IPEX MHF4L	
Cable	$\varnothing$ 1.13	



Environment & Mechanical Characteristics

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

VSWR

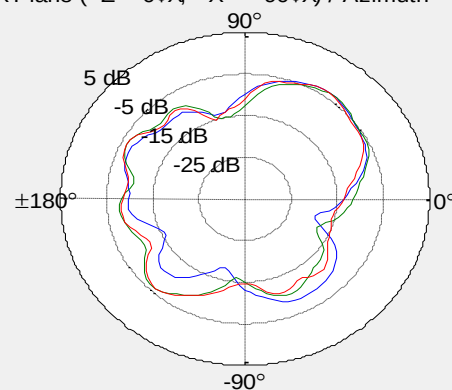
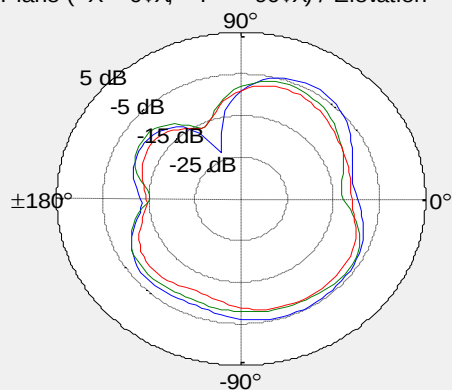
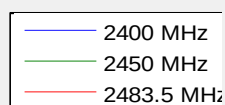


Radiation Pattern

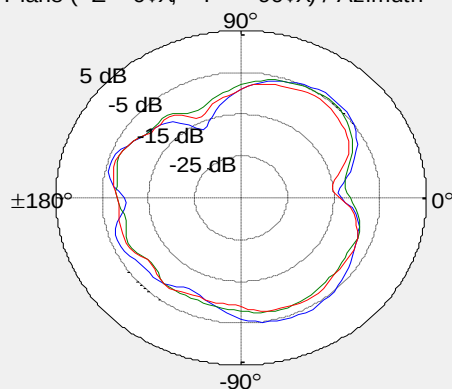
2G Band = 2400 - 2500 MHz % 2G BAND

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

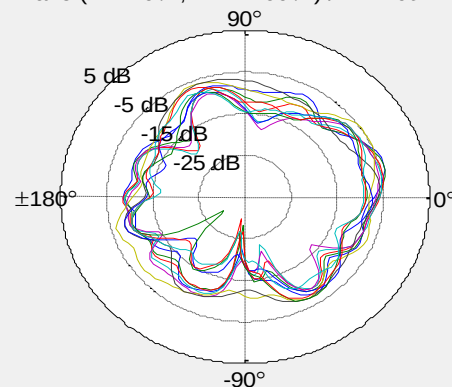
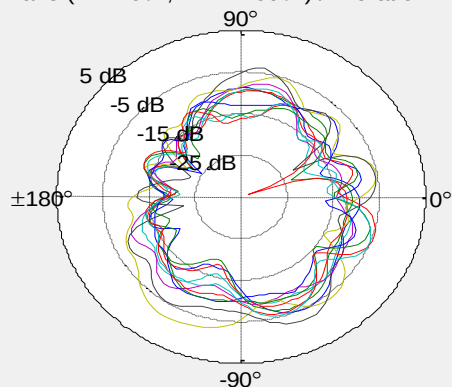
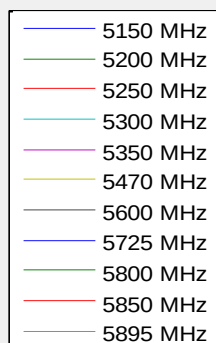


Radiation Pattern

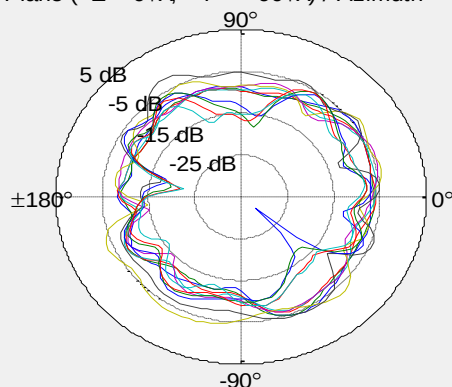
5G Band = 4900 - 5975 MHz

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



Gain Table

Frequency (MHz)	3D		
	Efficiency	Avg. Gain	Peak Gain
2400.00	16.55	-7.81	-1.48
2450.00	13.67	-8.64	-2.62
2483.50	12.11	-9.17	-3.21
5150.00	13.63	-8.65	-2.13
5200.00	11.82	-9.28	-3.03
5250.00	10.43	-9.82	-4.24
5300.00	10.29	-9.87	-4.36
5350.00	10.97	-9.60	-3.56
5470.00	19.68	-7.06	-1.26
5600.00	16.96	-7.71	-0.99
5725.00	9.45	-10.24	-4.33
5800.00	9.51	-10.22	-4.37
5850.00	10.43	-9.82	-3.13
5895.00	9.15	-10.38	-3.30