

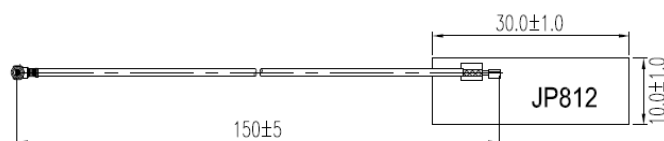
**Antenna type : PIFA**

**12323**

**RFA-25-JP812-4G-150**

## Electrical Specifications

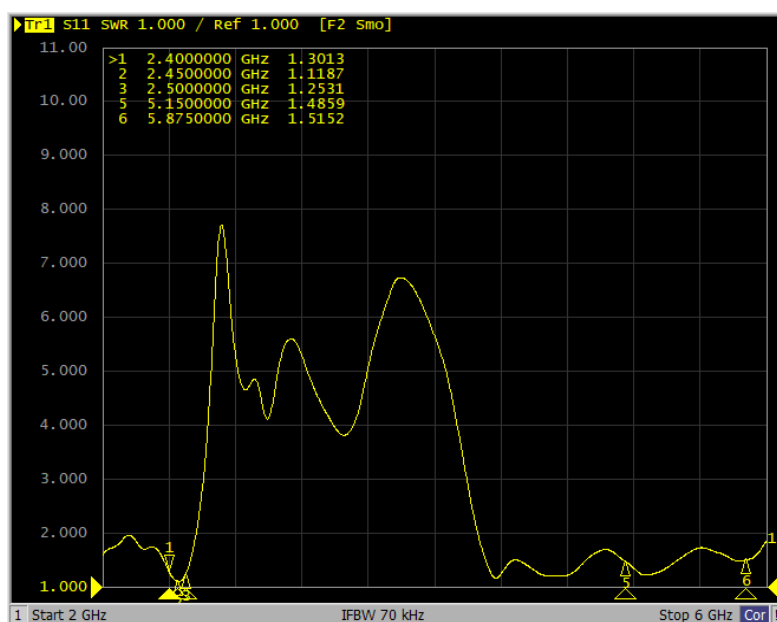
|                 |                            |               |
|-----------------|----------------------------|---------------|
| Frequency range | 2400 -2500 MHz             | 5150-5875 MHz |
| Peak Gain       | 1.98 dBi                   | 4.46 dBi      |
| Average Gain    | -3.34 dBi                  | -2.26 dBi     |
| Efficiency      | 46.41 %                    | 59.46 %       |
| VSWR            | 2.0 : 1 Max.               | 2.5 : 1 Max.  |
| Impedance       | 50 $\Omega$                |               |
| Connector       | MHF4L                      |               |
| Cable           | $\varnothing$ 1.13 L:150mm |               |



## Environmental & Mechanical Characteristics

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

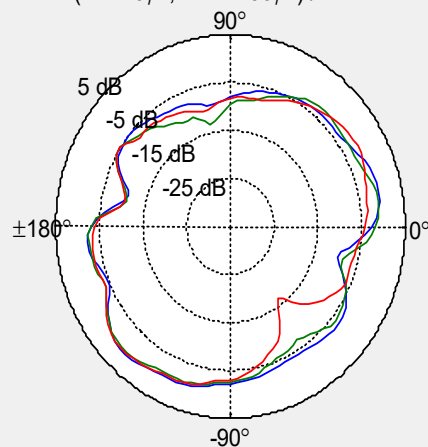
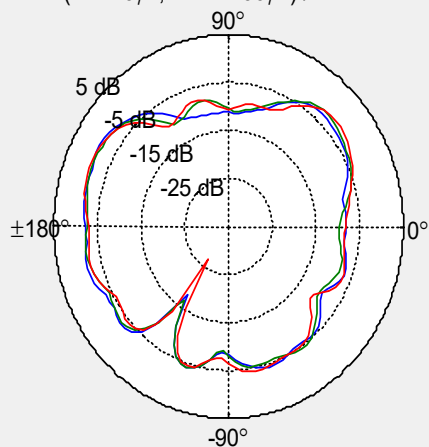
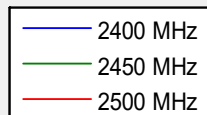
## VSWR



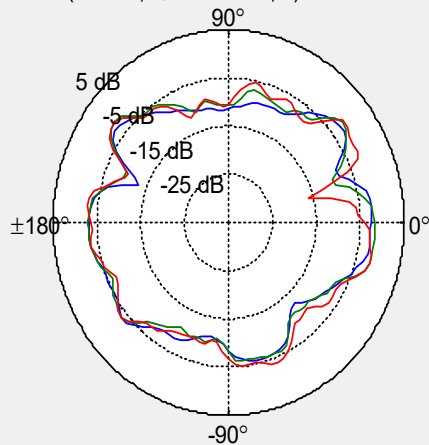
## Antenna Pattern

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



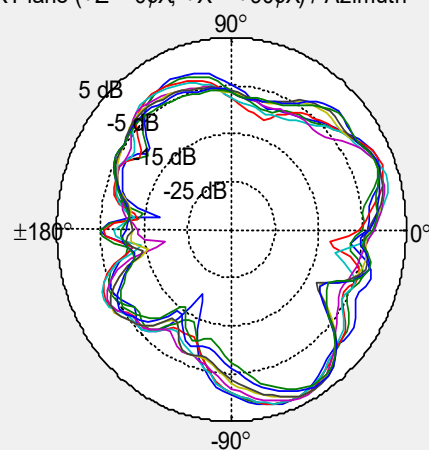
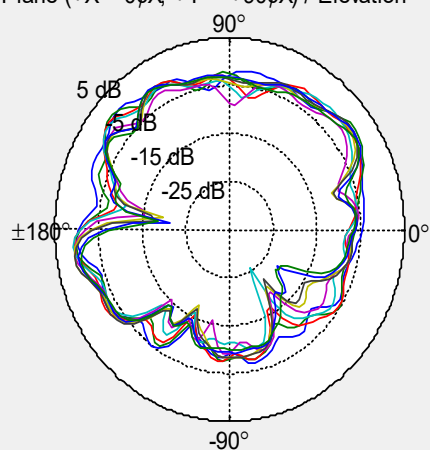
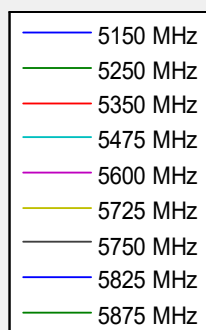
YZ Plane (+Z = 0°X, +Y = +90°X) / Azimuth = 90°X



## Antenna Pattern

5G Band = 4900 - 5975 MHz

XY Plane ( $+X = 0^\circ$ ,  $+Y = +90^\circ$ ) / Elevation =  $90^\circ$     ZX Plane ( $+Z = 0^\circ$ ,  $+X = +90^\circ$ ) / Azimuth =  $0^\circ$



YZ Plane ( $+Z = 0^\circ$ ,  $+Y = +90^\circ$ ) / Azimuth =  $90^\circ$

