

WPANT30121

MIMO Panel Antenna – Dual-band Wi-Fi



WPANT30121-R1A

Type-N Female (Six connectors)

Note: Different cable and connector style requests can be accommodated.

Application

This is a high gain MIMO directional panel antenna. It is at DC ground to ensure protection against lightning and comes with mounting brackets for installation.

We specialize in developing customized Antenna solutions. Please contact sales@worldproducts.com with your requirements.

Electrical Properties

Operating Frequency	2.4 – 2.5 GHz	5.15 – 5.85 GHz
Approximate Antenna Impedance [Ω]	50 Ω	50 Ω
VSWR (Typical)	< 2:1	< 2:1
Peak Gain [dBi] (Typical)	11 dBi	12 dBi
Polarization	Vertical & Horizontal	Vertical & Horizontal
Pattern	Directional (>28 dB F/B Ratio)	Directional (>28 dB F/B Ratio)
Accepted Power [W] (Max)	50 Watts	
Lightning Protection	DC ground	

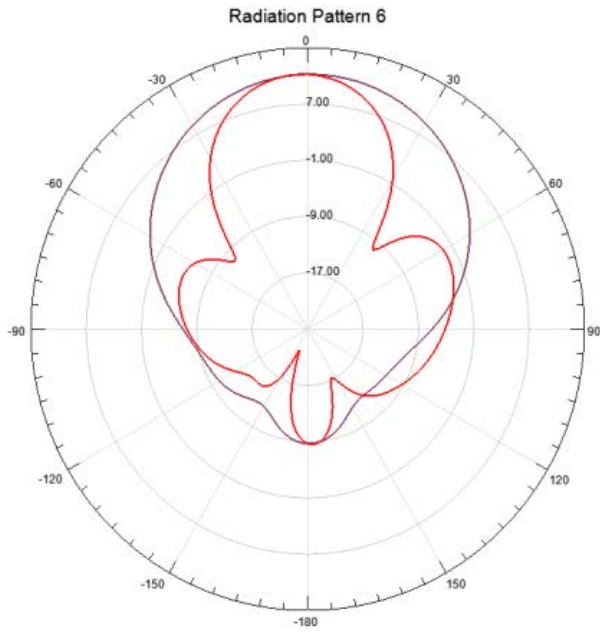
Mechanical / Environmental Properties

Antenna Dimensions	14.5" x 14.5" x 1.6" (370mm x 370mm x 40mm)
Antenna Color	Grey
Antenna Radome	PVC
Operating / Storage Temperature	-40°C to +90°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

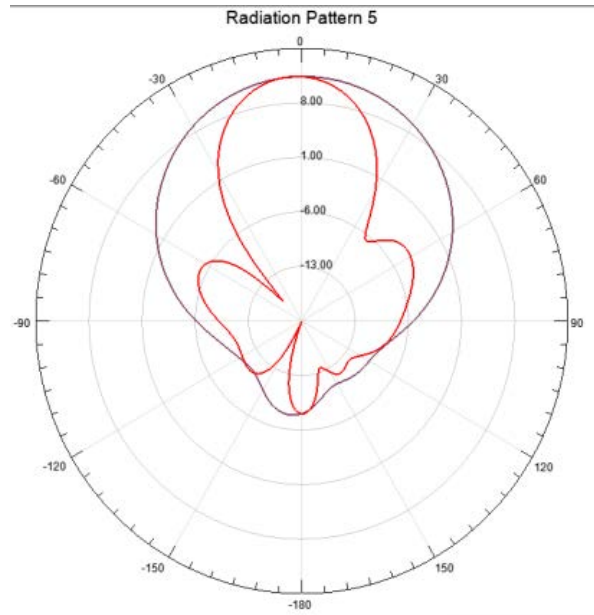
Picture



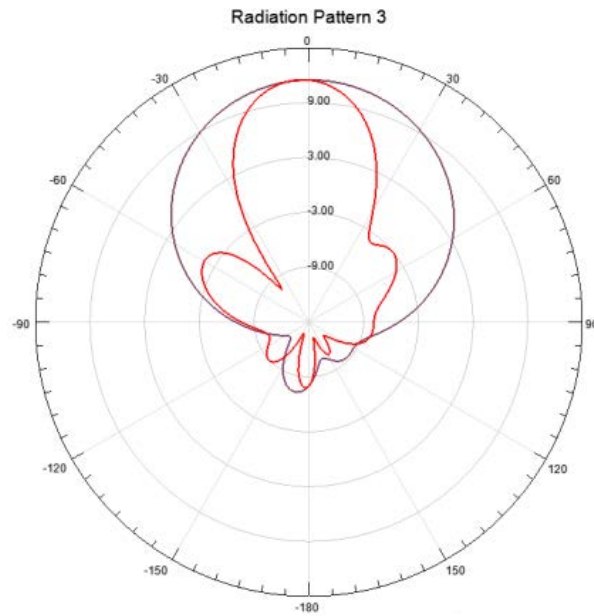
2D Radiation Pattern (VERTICAL POLARIZATION)



2400 MHz

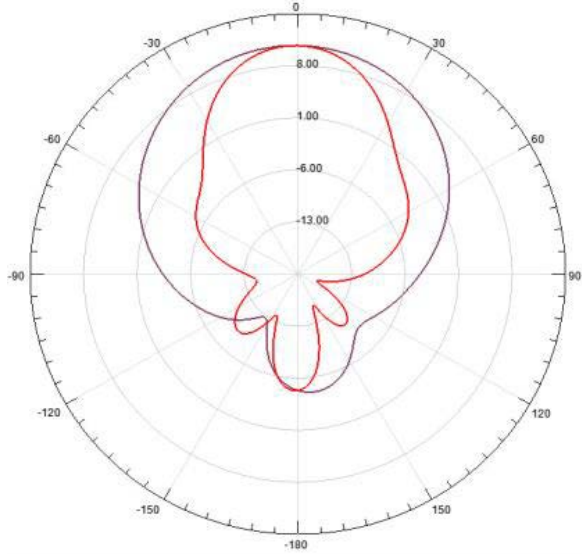


2450 MHz



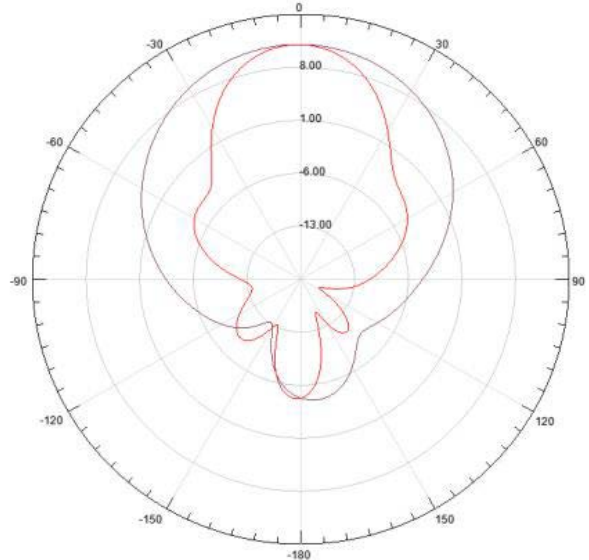
2500 MHz

Radiation Pattern 1



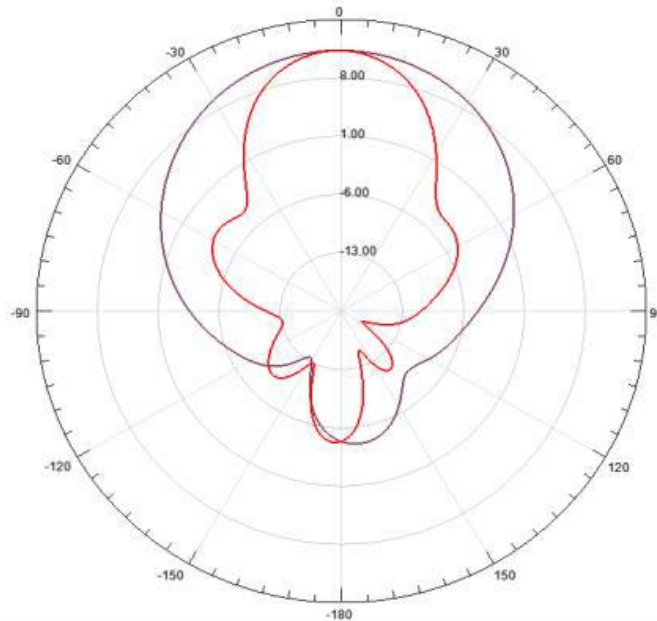
5100 MHz

Radiation Pattern 2



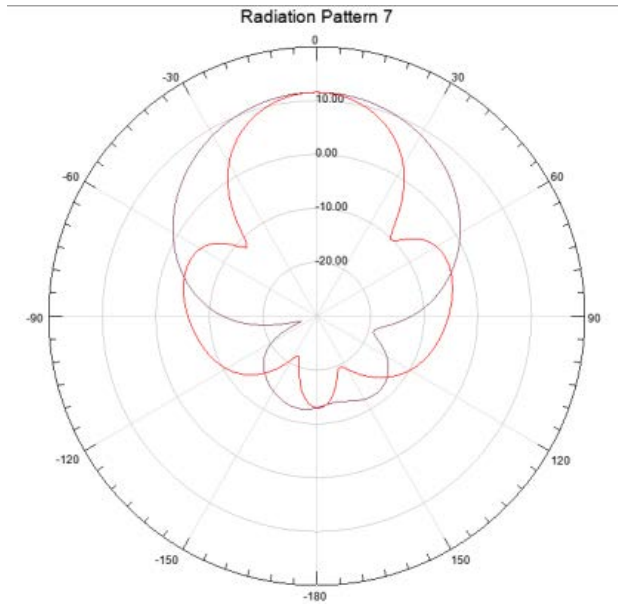
5450 MHz

Radiation Pattern 3

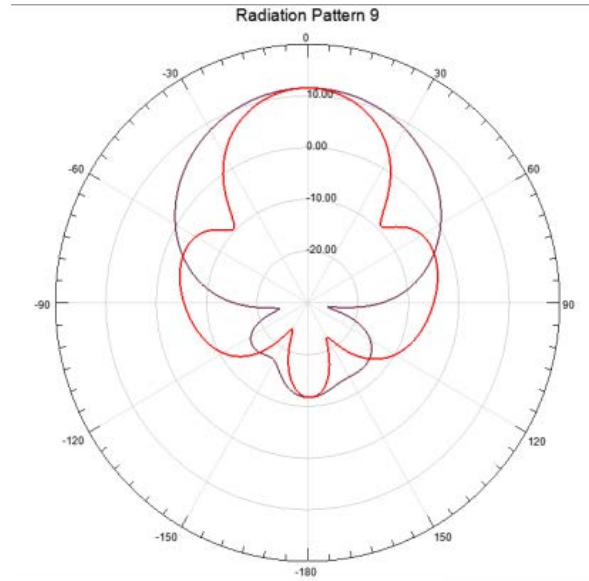


5850 MHz

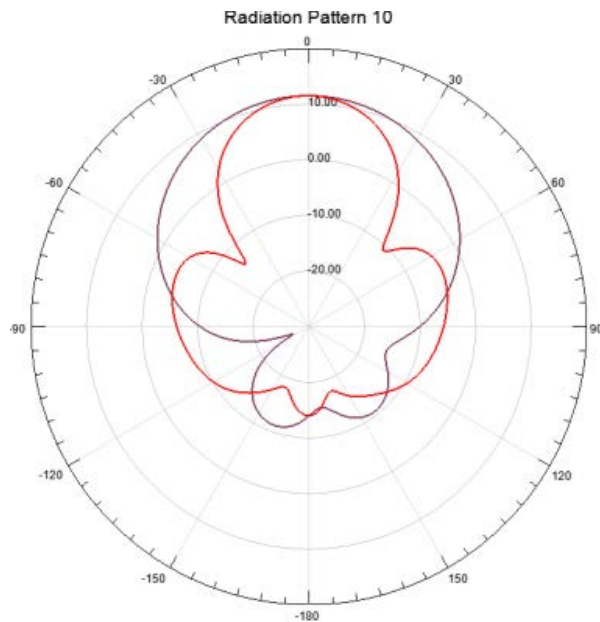
2D Radiation Pattern (HORIZONTAL POLARIZATION)



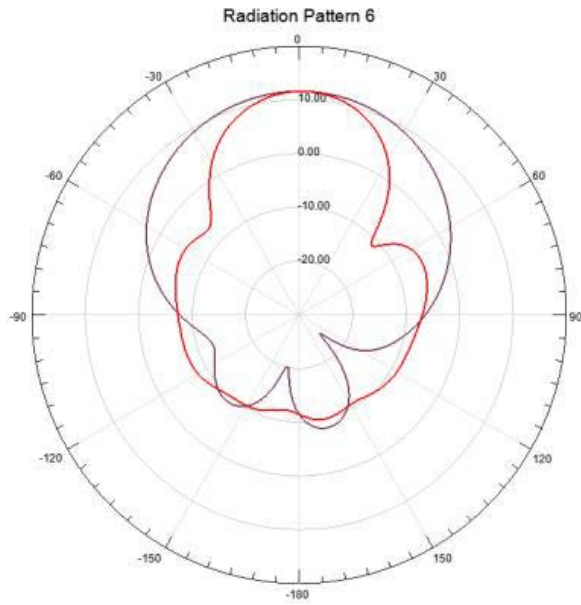
2400 MHz



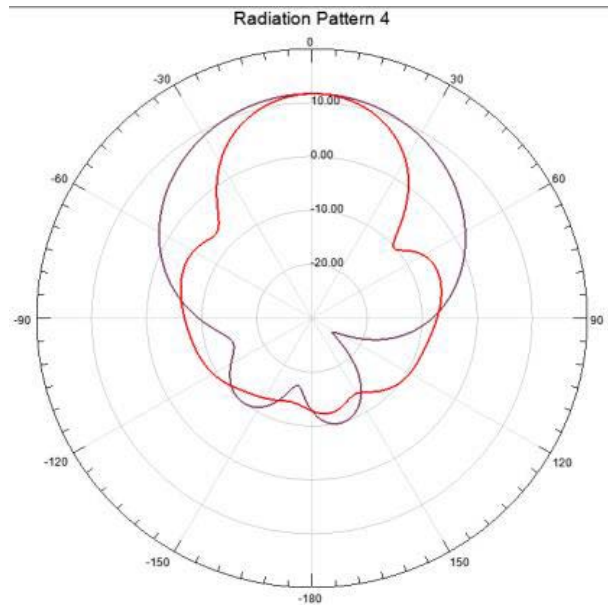
2450 MHz



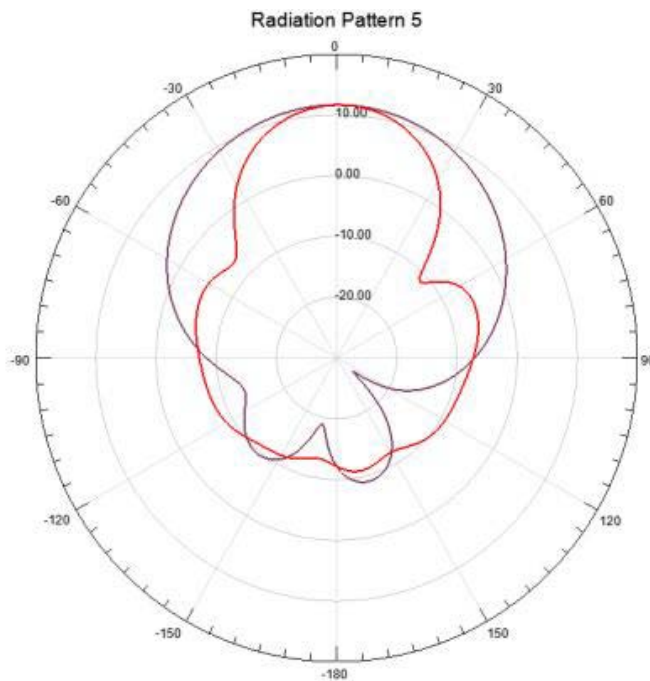
2500 MHz



5100 MHz



5450 MHz



5850 MHz