WORLD PRODUCTS INC.

19654 Eighth Street East
P.O. Box 517
Sonoma, CA 95476
(707) 996.5201
www.worldproducts.com
sales@worldproducts.com

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]	50Ω	50Ω
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

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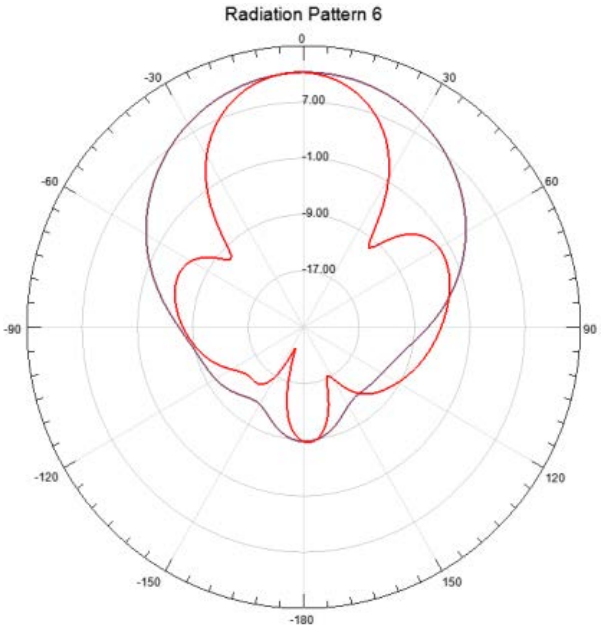
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Picture

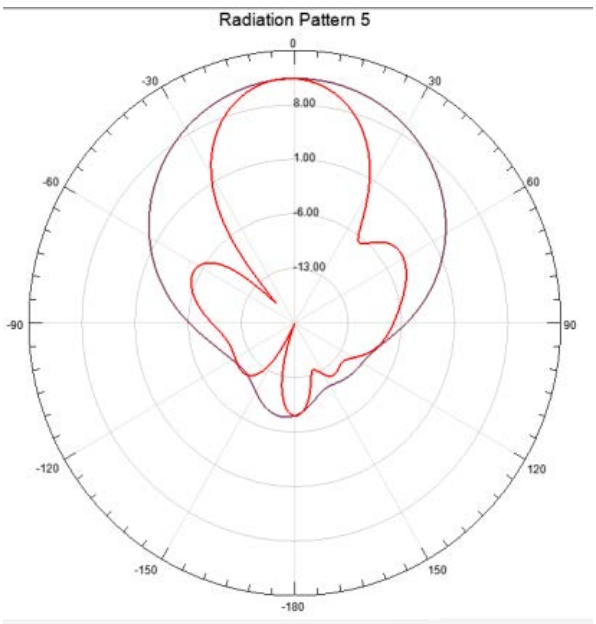


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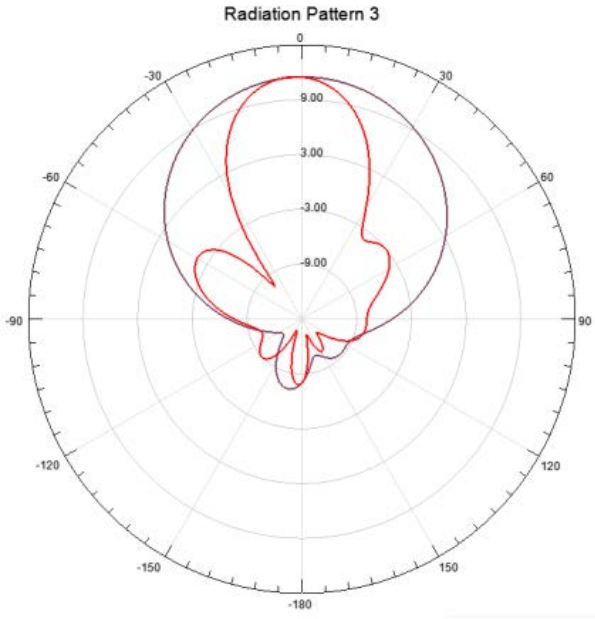
2D Radiation Pattern (VERTICAL POLARIZATION)



2400 MHz

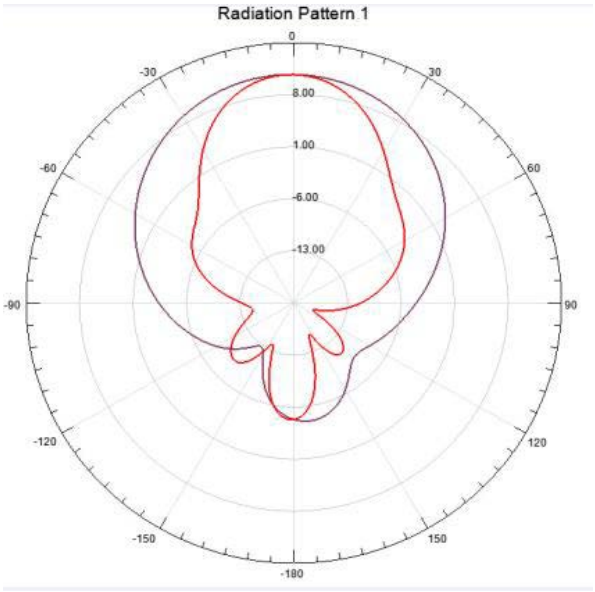


2450 MHz

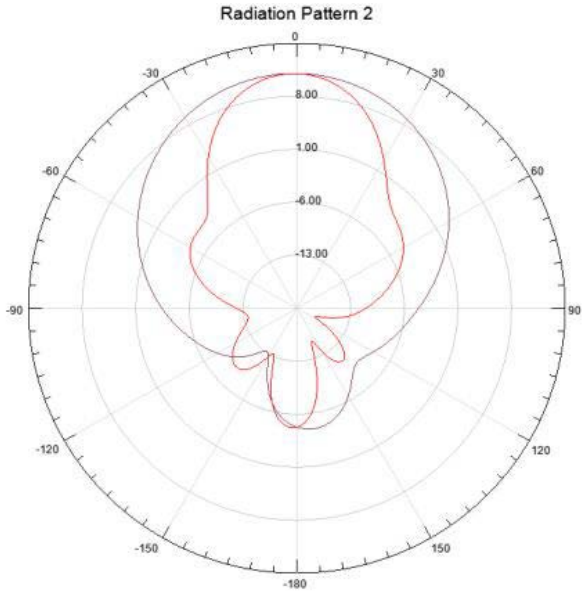


2500 MHz

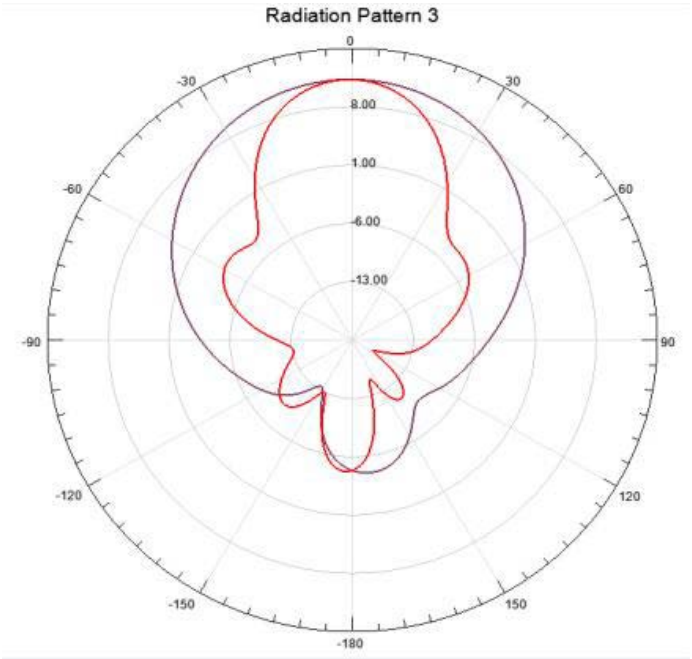
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5100 MHz



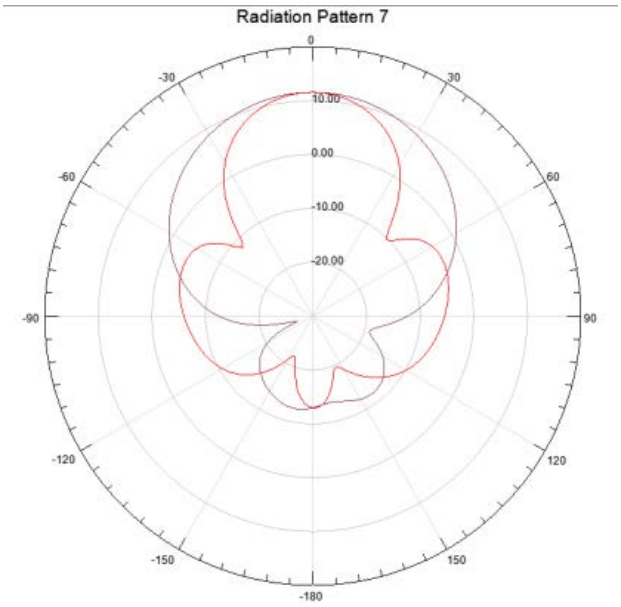
5450 MHz



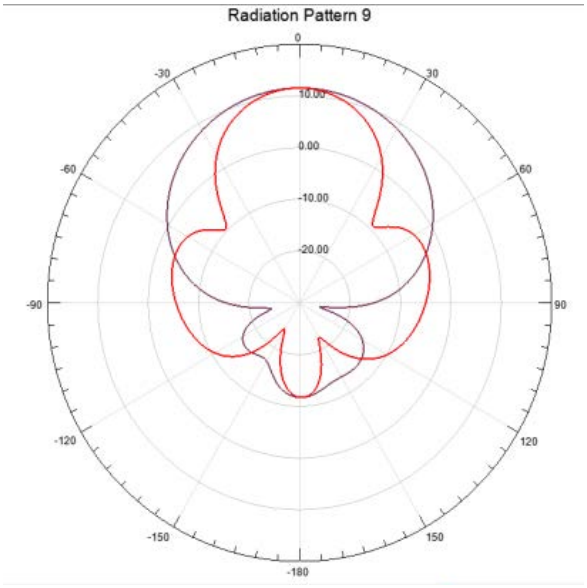
5850 MHz

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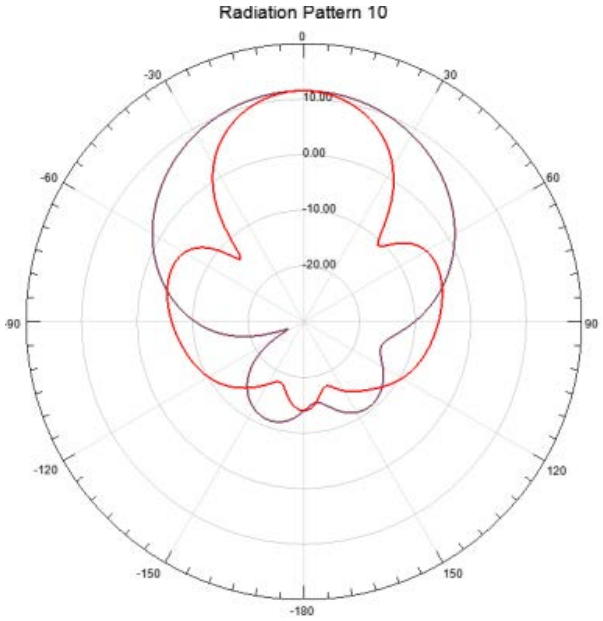
2D Radiation Pattern (HORIZONTAL POLARIZATION)



2400 MHz

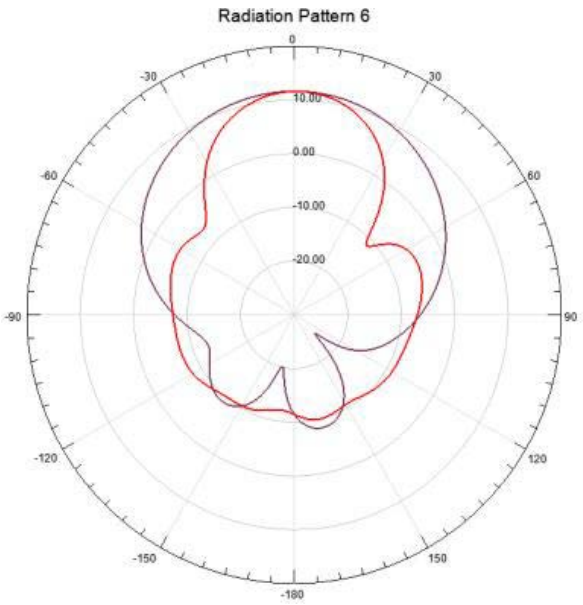


2450 MHz

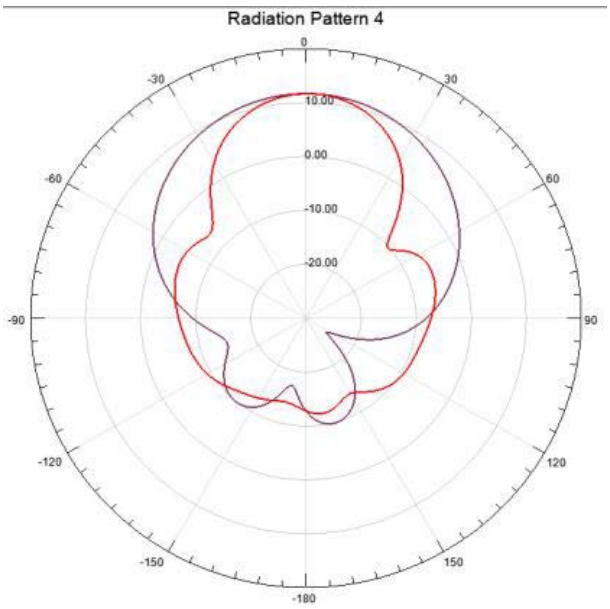


2500 MHz

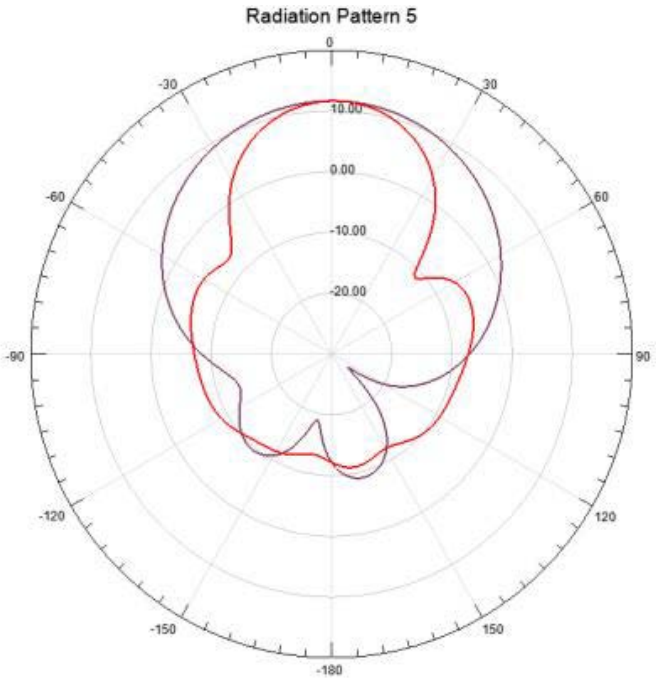
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5100 MHz



5450 MHz



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