



Antenna Patterns

Engineer	Manager
	
06/03/2014	06/03/2014

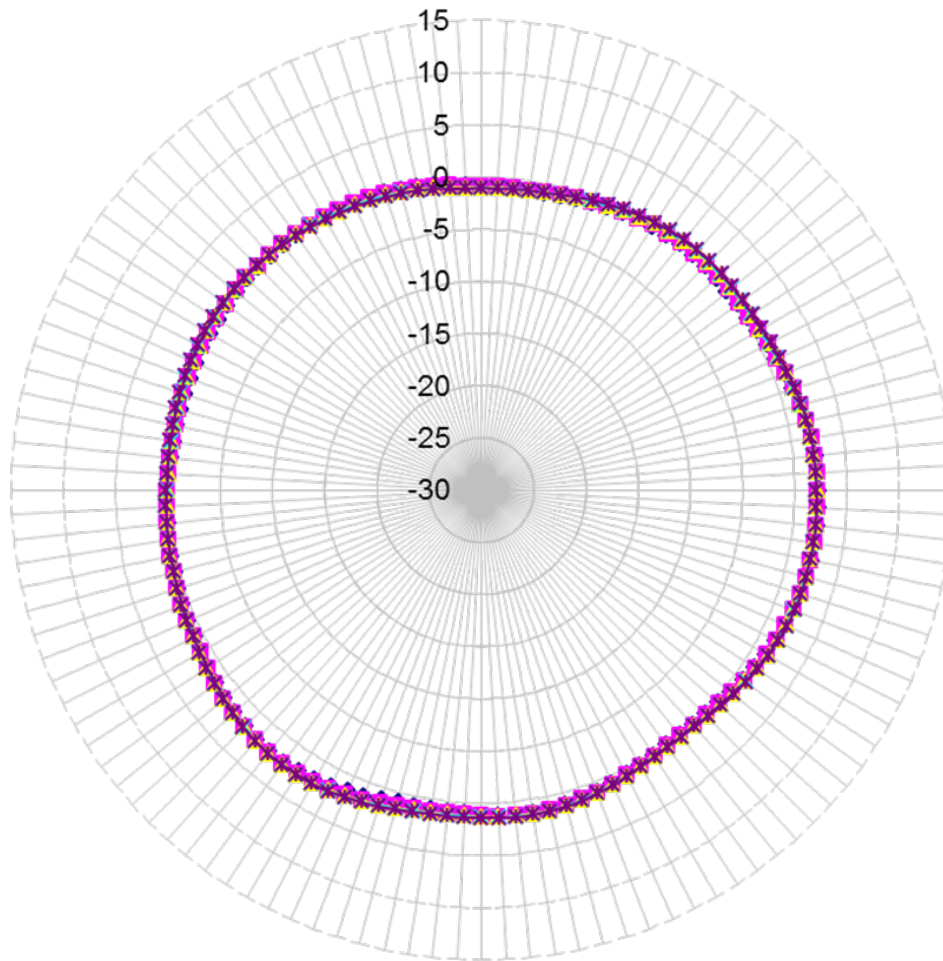
Ruckus Wireless Inc.

350 West Java Dr.
Sunnyvale, CA 94089, USA
Tel: (650) 265-4200
Fax: (408) 738-2065

Model: IZAR

Description: Dual Band Omni Integrated PCB Antenna, Vertical Polarity

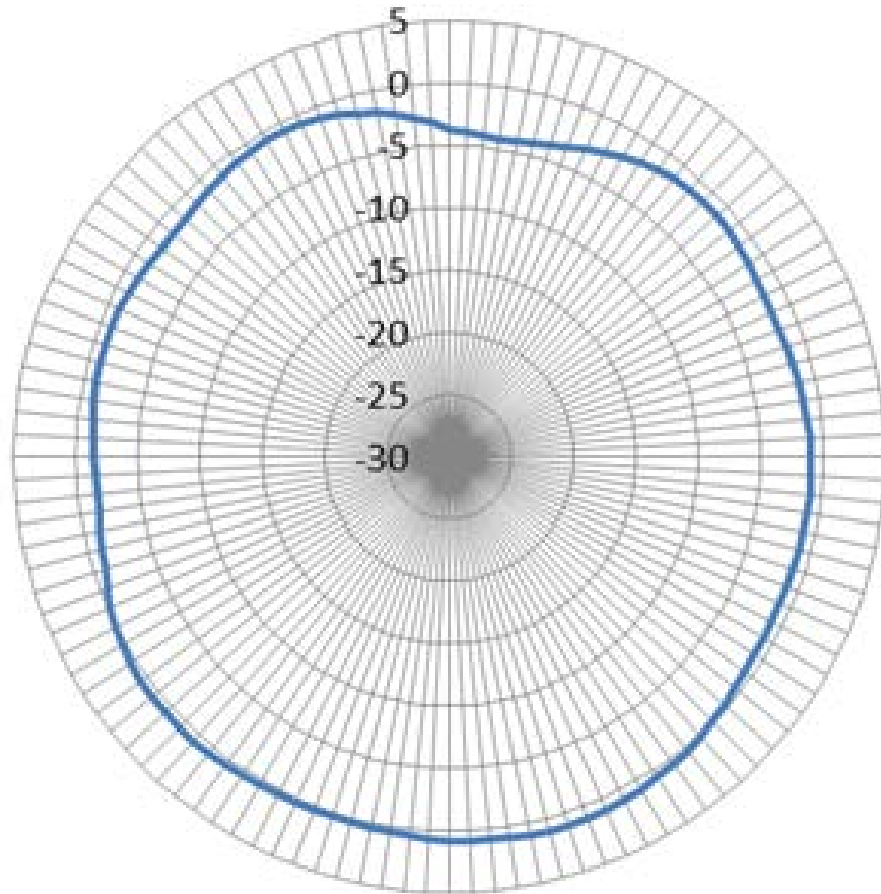
2400- 2483.5MHz: Maximum Antenna Gain 2.5dBi [Vertical]



Model: Procyon

Description: Dual Band Omni Integrated PCB Antenna, Horizontal Polarity

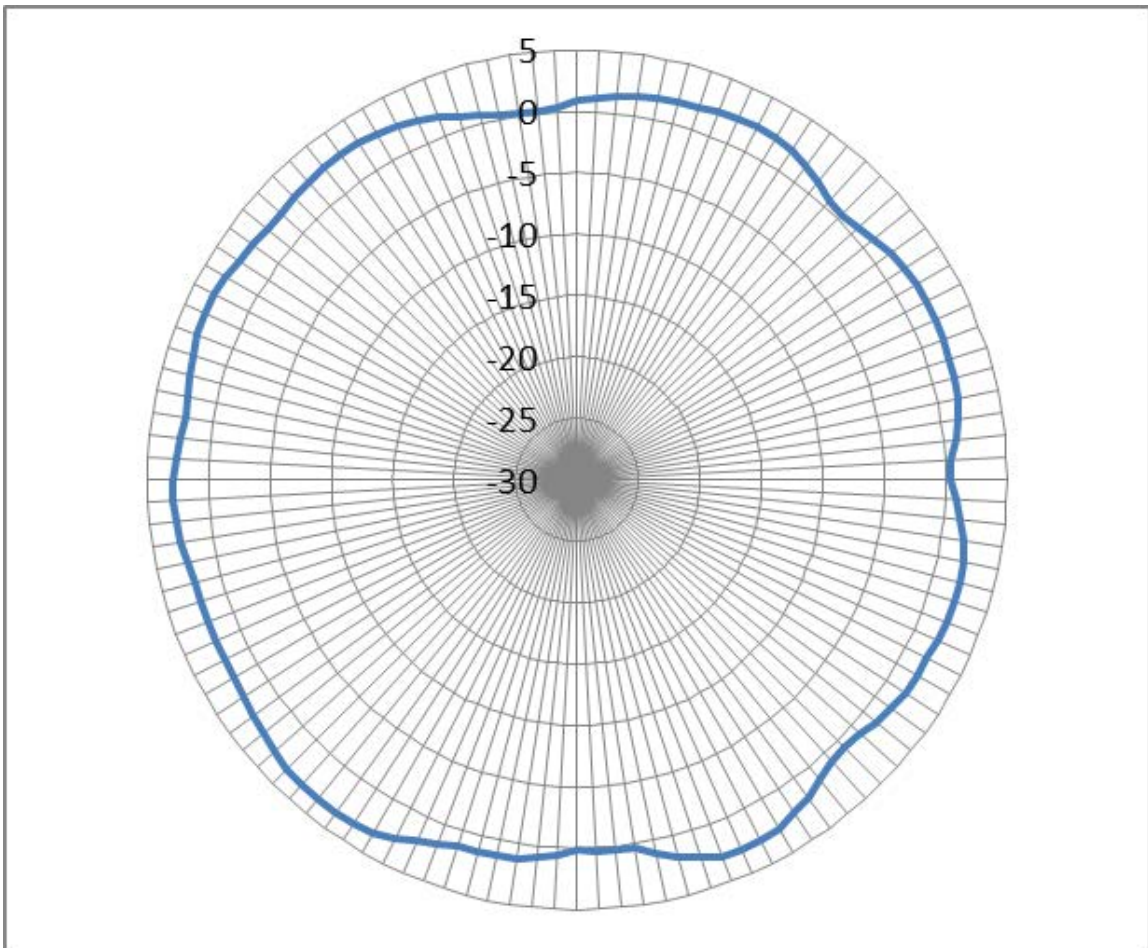
2400- 2483.5MHz: Maximum Antenna Gain 1dBi [Horizontal]



Model: IZAR

Description: Dual Band Omni Integrated PCB Antenna, Vertical Polarity

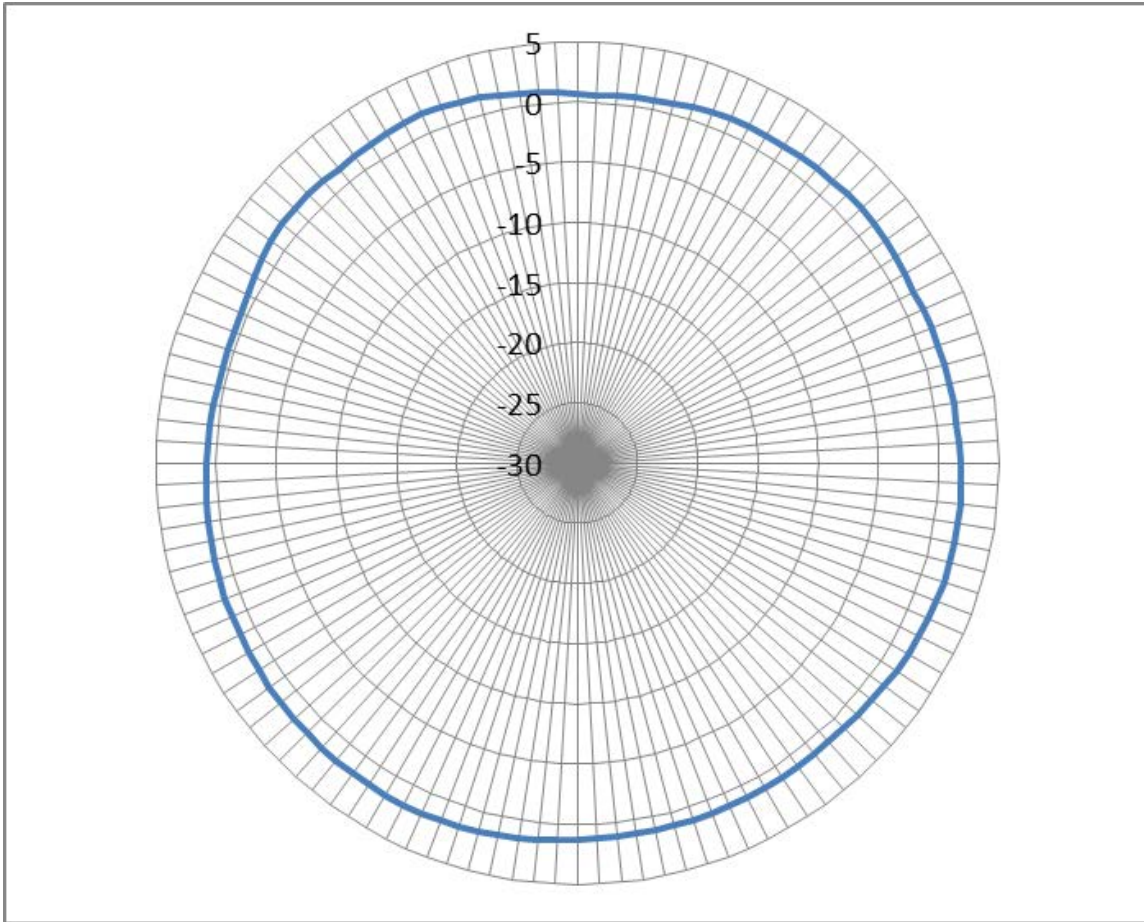
5150- 5875MHz: Maximum Antenna Gain 3.5dBi [Vertical]



Model: Procyon

Description: Dual Band Omni Integrated PCB Antenna, Horizontal Polarity

5150- 5875MHz: Maximum Antenna Gain 2dBi [Horizontal]



Conclusion: Antenna patterns were measured in an anechoic chamber and it was determined that the highest gains for all possible antenna patterns were:

2.4GHz: 2.5 dBi Vertical Polarity / 1 dBi Horizontal Polarity

5GHz: 3.5 dBi Vertical Polarity / 2 dBi Horizontal Polarity