CMM24513S4

2400-2500 MHz / 5150 -5875 MHz
4- Port MIMO Ceiling Mount Antenna



4-PORT MIMO WIDE-BAND CEILING MOUNTED OMNIDIRECTIONAL ANTENNA

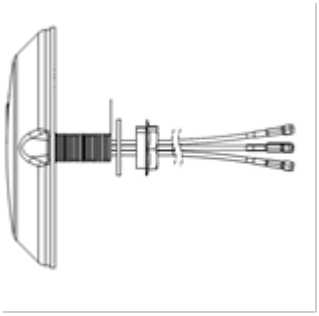
The CMM24513S4 is a four (4) port MIMO indoor wideband omnidirectional ceiling mount antenna. It is designed to provide pattern coverage that is optimized for indoor coverage requirements at 2400-2500 MHz and 5150-5875 MHz The antenna features a pattern that has been specifically shaped to provide optimal performance from a ceiling mount location. The pattern is also very uniform and symmetrical, providing system integrators with the ability to precisely determine cell size.

FEATURES AND BENEFITS

- Low profile aesthetically neutral housing
- Mounts directly and easily to ceiling tile
- Performance optimized using Laird proprietary
- RF optimization tools
- 2-D Barcode QR labeling for easy smart phone access to antenna performance data
- RoHS compliant & excellent flame resistant rating
- Uniform & symmetrical radiation pattern delivers
- optimum performance.

MARKETS

- Office Complexes & Conference Rooms
- Hotels, Auditoriums & Convention Centers
- Airports, Bus Terminals & Train Stations
- Museums, Libraries & Theaters
- Retail Stores & Malls
- Casinos & Entertainment Venues.



SPECIFICATIONS	
Model	CMM24513S4
Antenna Type	Omni
Connector Type	
91RTN	4 X Rev-Polarity TNC Male
91RSM	4 X Rev-Polarity SMA Male
Cable Type	Ultralink, Plenum Rated
Cable Length	36 ± 0.59 Inch
Frequency	2400-2500 MHz / 5150-5875 MHz
Max Gain	6.6 dBi
Azimuth Beam	Omnidirectional
Elevation Beam	68°
Polarization	Linear, Omnidirectional
VSWR	2.0:1 Max
Max Power	5 Watts
Weight	1.10 Lbs
Storage and Operator Temp	-30° C to 70° C
Outdoor	No
Mounting	Ceiling

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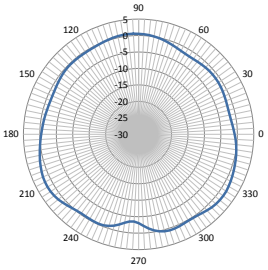
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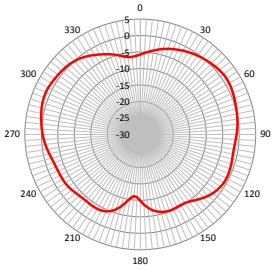
Port 1

Radiation Pattern at 2400 MHz

Azimuth Plane

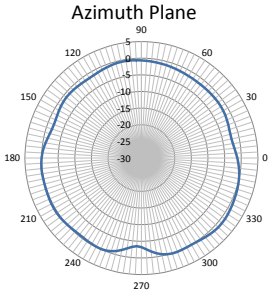


Phi 0° Plane

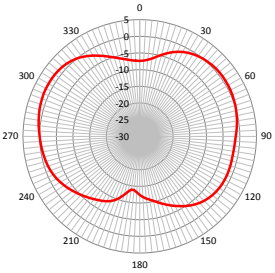


Radiation Pattern at 2500 MHz

Azimuth Plane

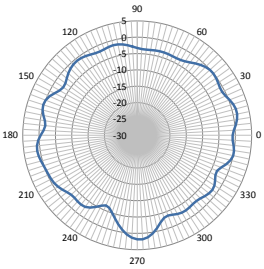


Phi 0° Plane

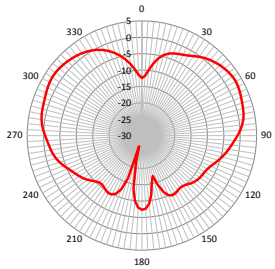


Radiation Pattern at 5150 MHz

Azimuth Plane

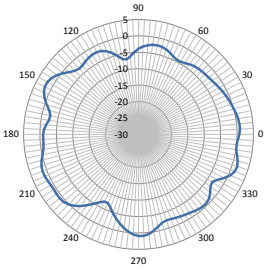


Phi 0° Plane

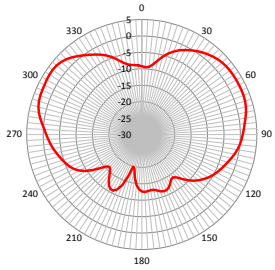


Radiation Pattern at 5875 MHz

Azimuth Plane



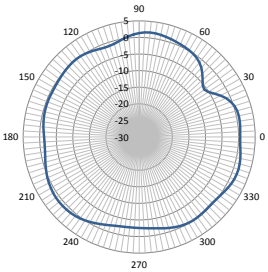
Phi 0° Plane



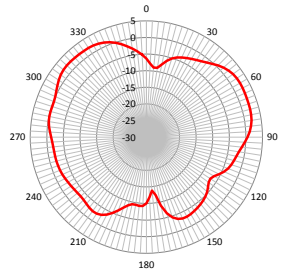
Port 2

Radiation Pattern at 2400 MHz

Azimuth Plane

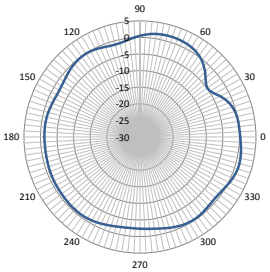


Phi 0° Plane

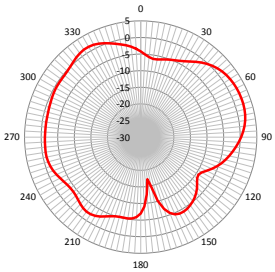


Radiation Pattern at 2500 MHz

Azimuth Plane

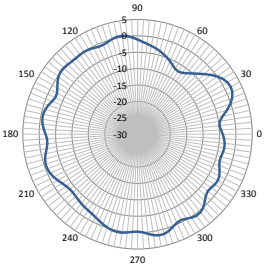


Phi 0° Plane

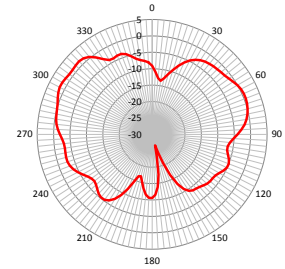


Radiation Pattern at 5150 MHz

Azimuth Plane

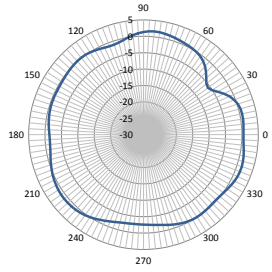


Phi 0° Plane

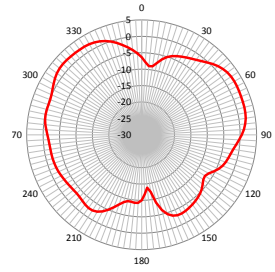


Radiation Pattern at 5875 MHz

Azimuth Plane



Phi 0° Plane

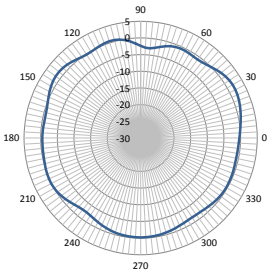


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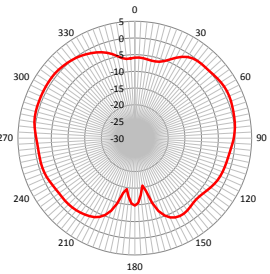
Port 3

Radiation Pattern at 2400 MHz

Azimuth Plane

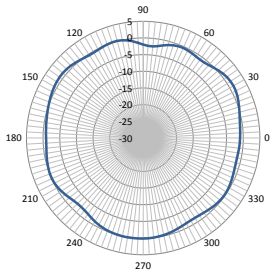


Phi 0° Plane

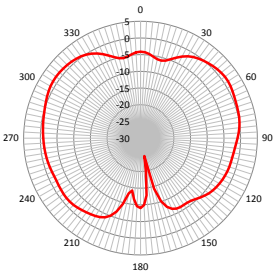


Radiation Pattern at 2500 MHz

Azimuth Plane

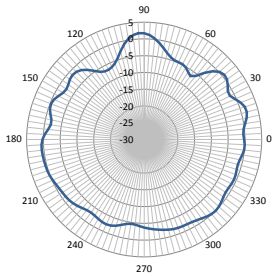


Phi 0° Plane

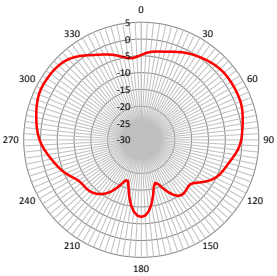


Radiation Pattern at 5150 MHz

Azimuth Plane

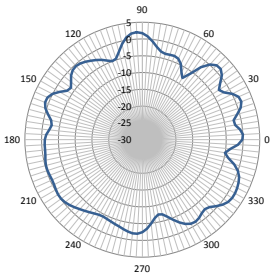


Phi 0° Plane

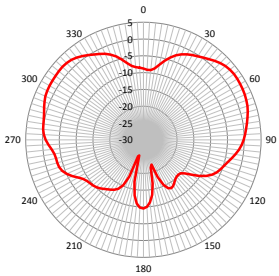


Radiation Pattern at 5875 MHz

Azimuth Plane



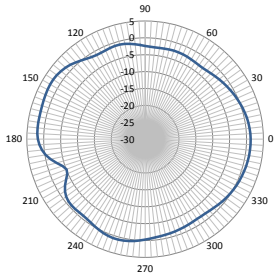
Phi 0° Plane



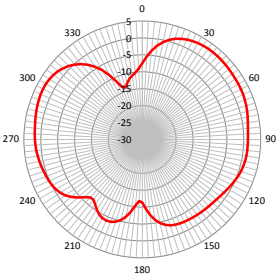
Port 4

Radiation Pattern at 2400 MHz

Azimuth Plane

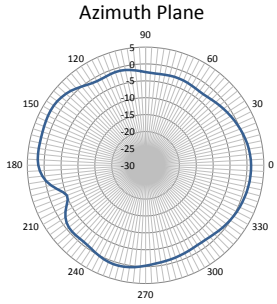


Phi 0° Plane

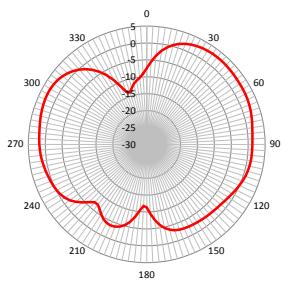


Radiation Pattern at 2500 MHz

Azimuth Plane

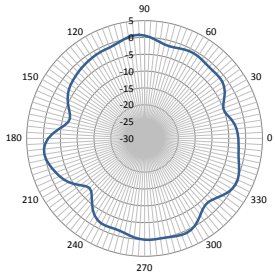


Phi 0° Plane

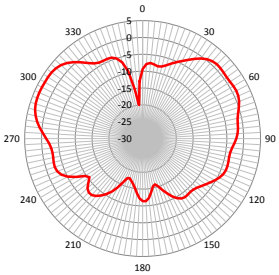


Radiation Pattern at 5150 MHz

Azimuth Plane

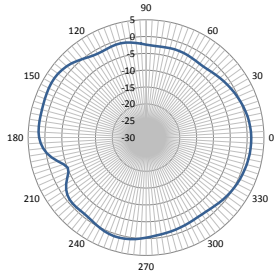


Phi 0° Plane

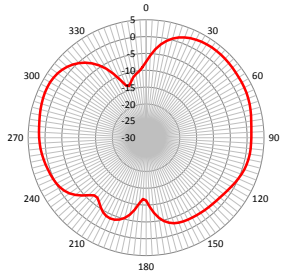


Radiation Pattern at 5875 MHz

Azimuth Plane



Phi 0° Plane



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