Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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PIMinator™ Series
Low PIM In-building Omni Antenna
with DIN Connector

Pulse Part Number DASLTEDIN
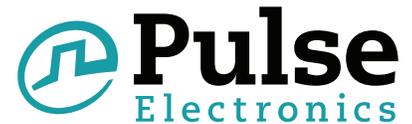
Industry leading -155 dBc certified low Passive Inter-Modulation (PIM) Distributed Antenna System (DAS) In-Building ceiling mount omni antennas. The Pulse Electronics line of DAS in-building low PIM omni antennas meets the most demanding PIM requirements for 2G, 3G, and LTE/4G bands.

These low PIM antennas help meet increasing demand for high data rates and streaming video for mobile devices. The wide band design meets the needs of operators around the world.

Features
- Industry leading -155 dBc PIM rating
- Covers cellular bands, WiFi and WiMAX from 698 through 5900 MHz
- Aesthetically pleasing injection molded radome
- PIM certified
- RoHS compliant product
- Patent pending

Applications
- In-Building DAS systems requiring best PIM performance

PIMinator™ Series
Low PIM In-building Omni Antenna with DIN Connector

Pulse Part Number DASLTEDIN

Electrical Specifications

	Frequency [MHz]	698-960/1710-2170/2300-2700/4900-5900
	Nominal Impedance [Ω]	50
VSWR	698-960 MHz	1.8:1
VSWR	1710-5900 MHz	1.5:1
Gain	698-960 MHz [dBi typ]	2
Gain	1710-2700 MHz [dBi typ]	6
Gain	4900-5900 MHz [dBi typ]	8
Radiation Pattern	HPBW Horizontal Plane at 45° [°]	360
Radiation Pattern	HPBW Vertical Plane (698-960) [° typ]	85
Radiation Pattern	HPBW Vertical Plane (1710-5900) [° typ]	50
	Polarization	Vertical
	Power Rating [W]	50
	PIM at 2x20 Watts [dBc]	-155
	Connector	7 16 DIN-Female

Environmental Specifications

Operating Temperature [°C]	-40 to +70

Mechanical Specifications

Radome Material	UV Protected, UL94 V-0
Color	White
Weight [oz/g]	17.28 / 490
Overall Height [Inches/mm]	4.81 /122.1
Diameter [Inches/mm]	8.27 / 210.2
Mounting	Ceiling mounting plate (included) [1.45"/36.8mm Ø hole]

Sample Installation
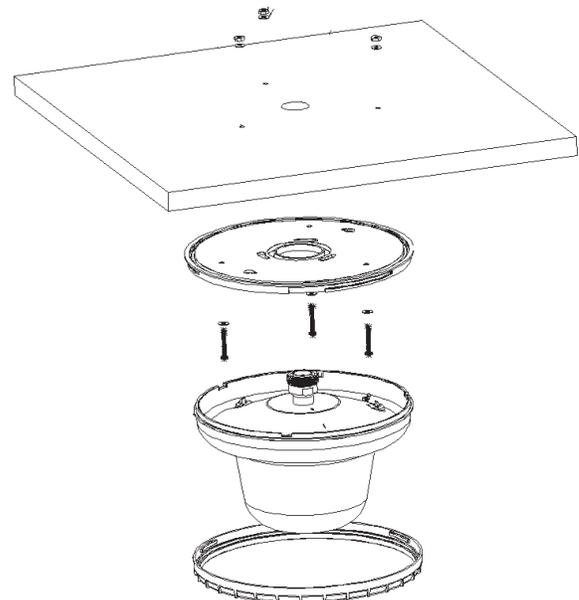
Pulse
Electronics

PIMinator™ Series
Low PIM In-building Omni Antenna with DIN Connector

Pulse Part Number DASLTEDIN

Radiation Patterns

**Horizontal Plane - 698-960 MHz**
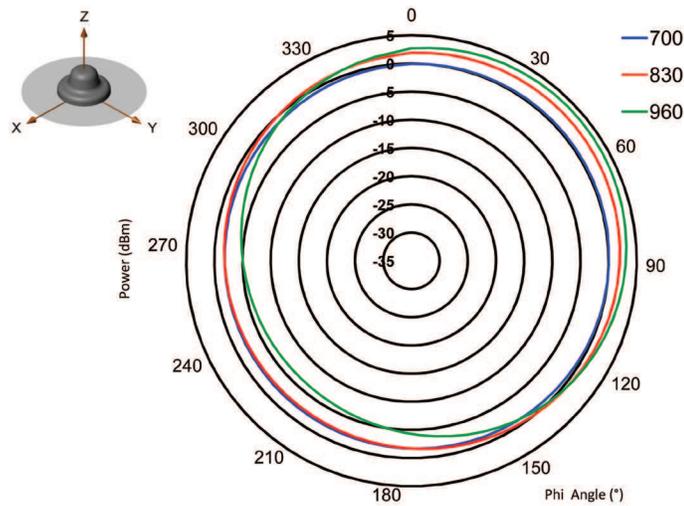
Horizontal Plane - 1710-2170 MHz
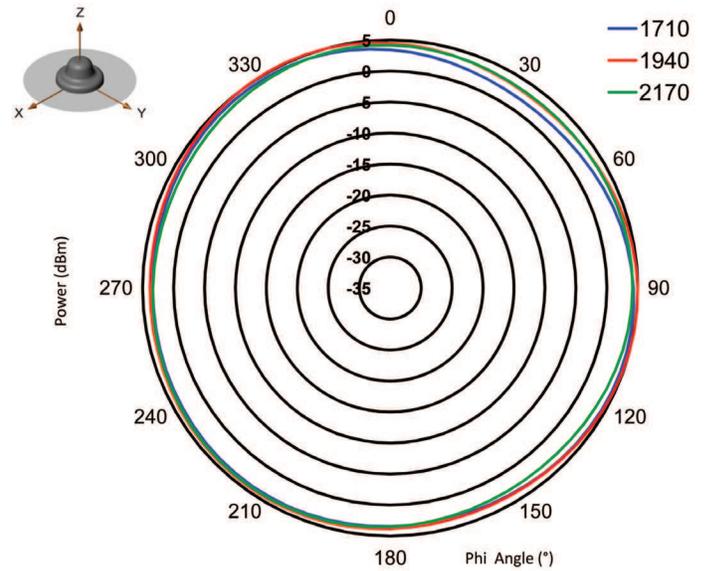
Vertical Plane - 698-960 MHz
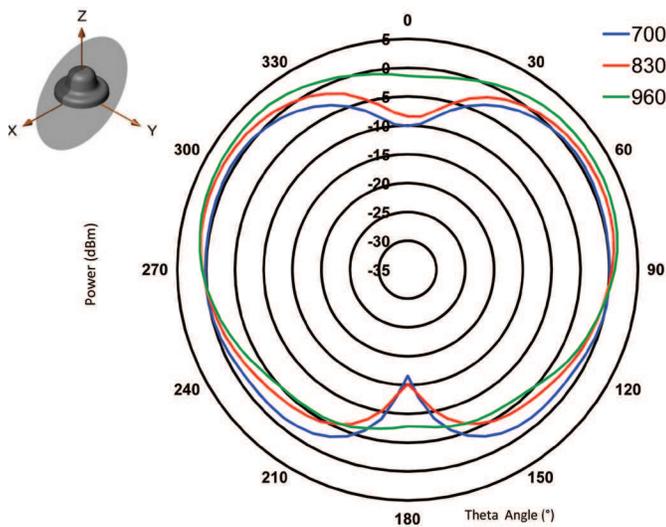
Vertical Plane - 1710-2170 MHz
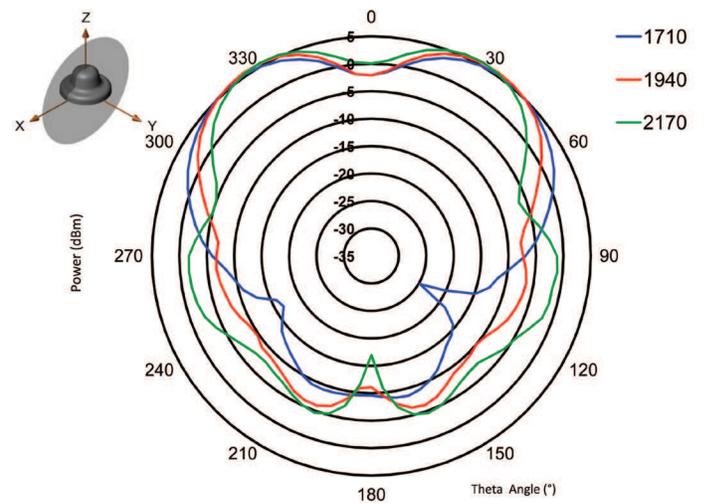
Pulse Electronics

PIMinator™ Series
Low PIM In-building Omni Antenna with DIN Connector

Pulse Part Number DASLTEDIN

Radiation Patterns

Horizontal Plane - 2300-2700 MHz
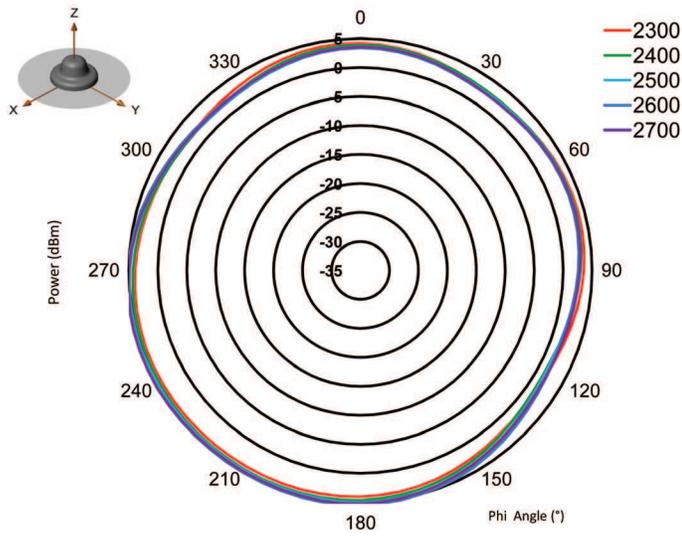

Horizontal Plane - 4900-5900 MHz
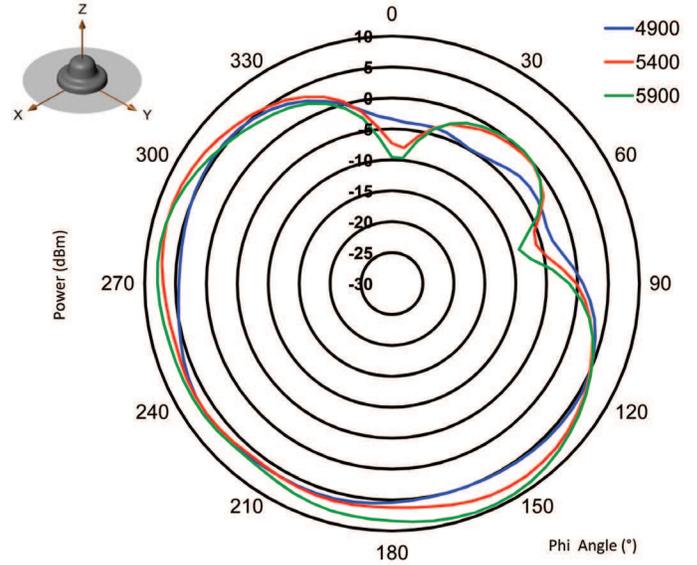
Vertical Plane - 2300-2700 MHz
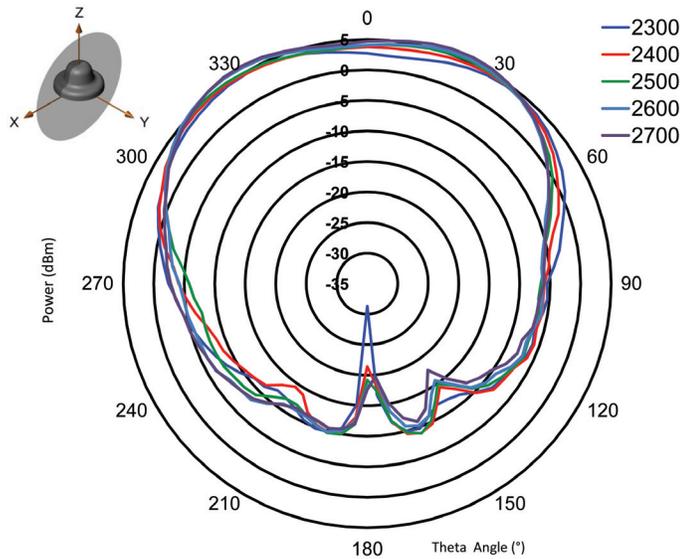
Vertical Plane - 4900-5900 MHz
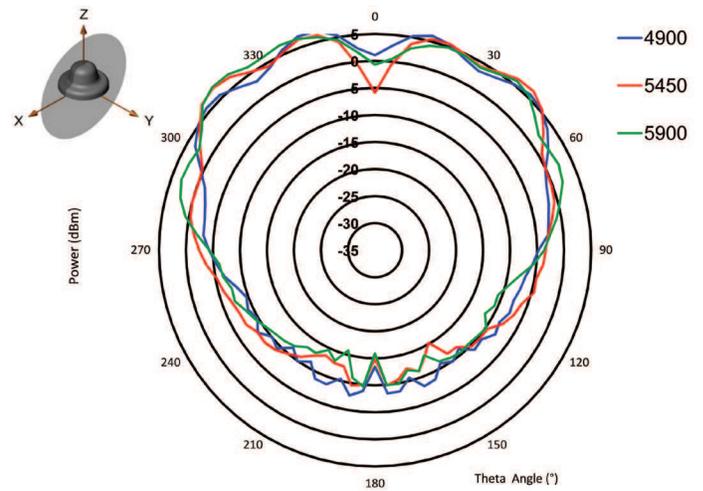
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