

# Low Profile Vertical Outdoor Direct-Mount Multi-band Antenna 698–960/1710-2170/2300-2700 MHz

Pulse Part Number LPT698/2700DMN



The LPT698/2700DMN is a multi-band, multi-purpose antenna. This low profile, direct mount antenna covers LTE and WiFi under one compact radome. This ruggedized, weatherproof antenna is perfect for industrial and automotive applications where communication and data transmission is needed.

## FEATURES

- Low profile
- Frequencies from 698 MHz to 2700 MHz
- Industrial form factor
- Direct Mount
- IP 67

## APPLICATION

- Outdoor vehicular
- Public Safety
- Rail/busses/transit
- IoT – including vending, metering, and other industrial applications

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## Electrical Specifications

Frequency (MHz)	698-960 / 1710-2170 / 2300-2700
Nominal Impedance (Ω)	50
Efficiency	75% Min
VSWR Max Freq 1	2.5:1
VSWR Max Freq 2	2:1
VSWR Max Freq 3	2:1
Peak Gain (dBi) Freq 1	3.1
Peak Gain (dBi) Freq 2	4.4
Peak Gain (dBi) Freq 3	5.0
Radiation Pattern Horizontal Plane	360
Radiation Pattern Vertical Plane (Freq 1)	66
Radiation Pattern Vertical Plane (Freq 2)	48
Radiation Pattern Vertical Plane (Freq 3)	43
Polarization	Vertical
Power Rating (W)	10

## Environmental Specifications

Operation Temperature	-40 / 85° C
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## Mechanical Specifications

Radome Material	Makroblend
Color	Black
Weight	120g
Ingress Protection	IP67
Dimensions (inches/meters)	3.04 x 1.27 inches plus N Connector
Mounting	Direct
Connector	N Connector
Wind Loading (MPH)	126 mph
Flamability Rating	UL94 V-0

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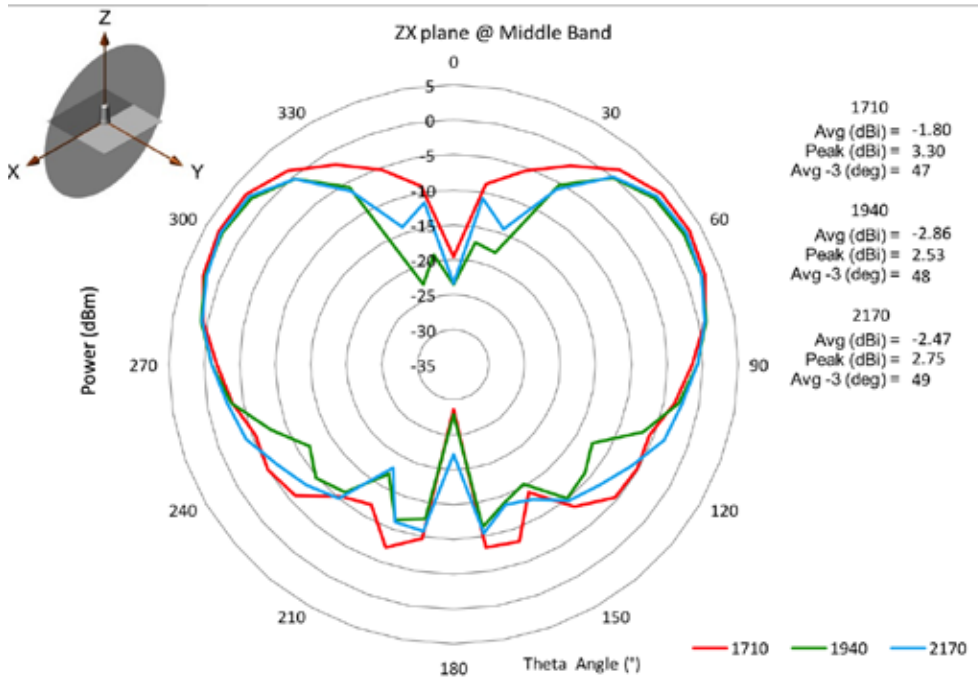
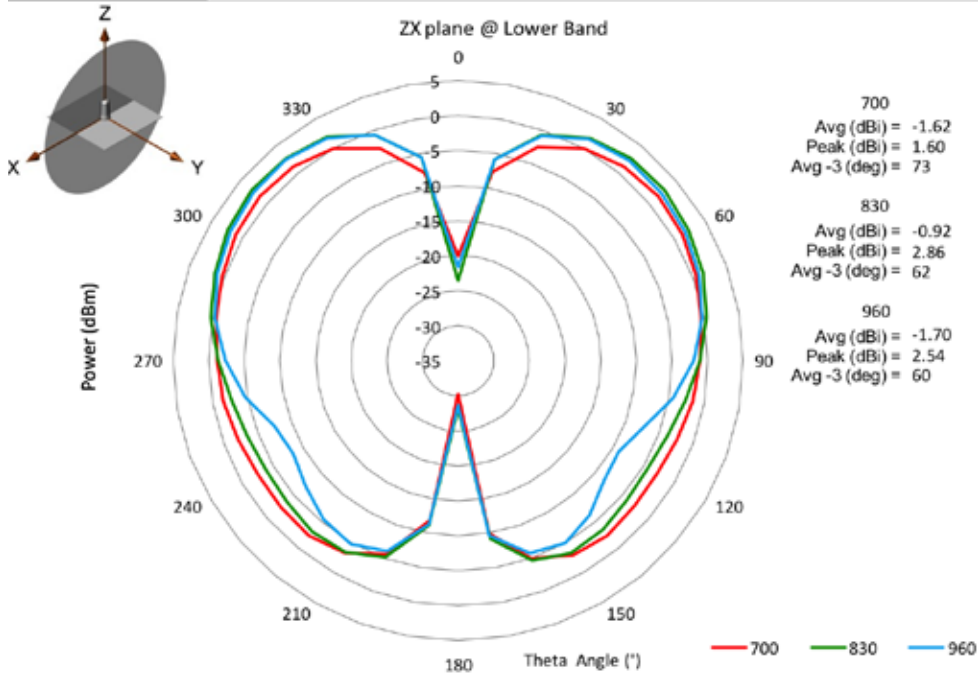
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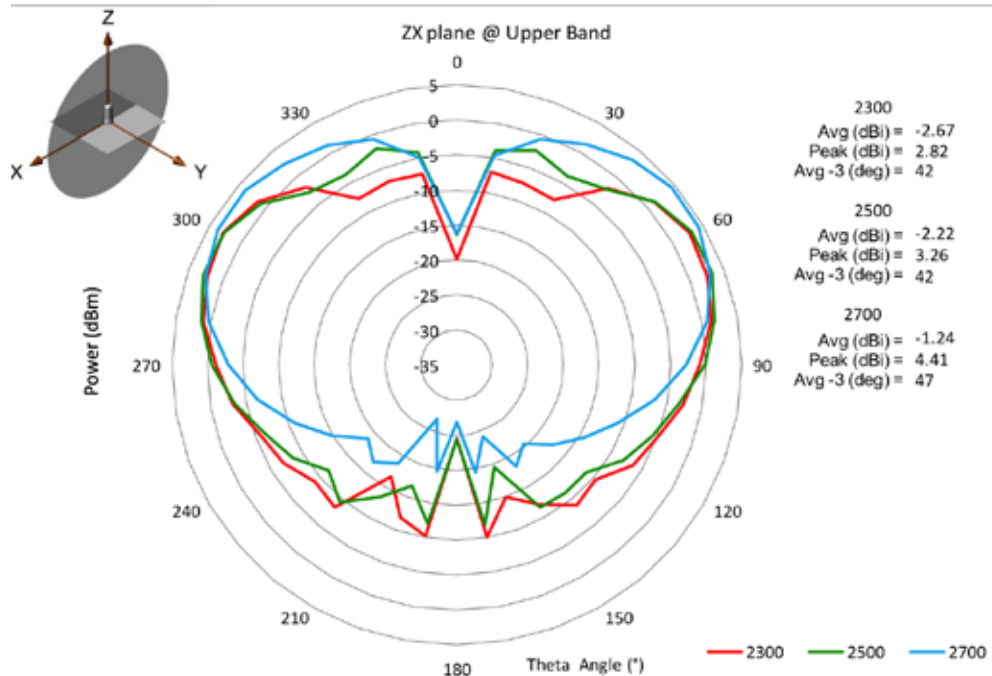
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