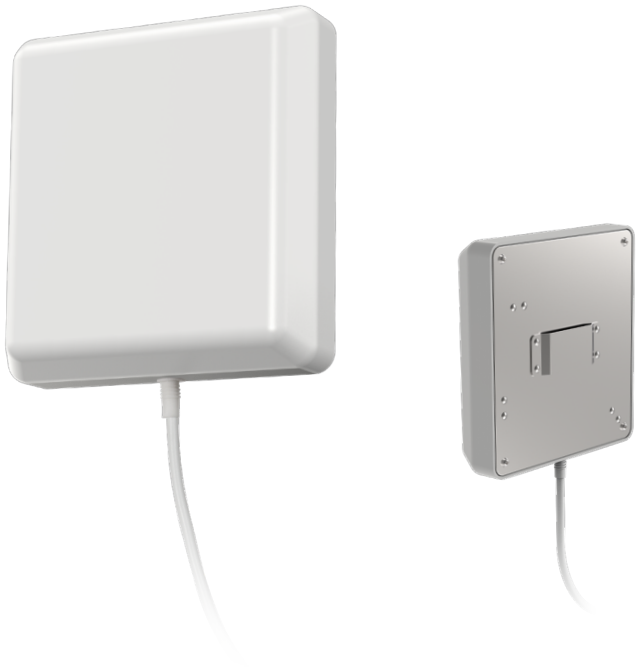
WILSON
CONNECTIVITY

Indoor Wall Mount Antenna 50 Ohm

617 MHz - 2700 MHz

SKU: 311234



FEATURES

- Works on all worldwide cellular bands for voice and data: LTE/CDMA/GSM/UMTS/AWS
- Supports 617-960 & 1710-2700 MHz cellular frequencies
- High performance for WilsonPro cellular boosters
- Designed for building interior installation
- High efficiency and compact design
- Simple install kit with wall mount bracket
- 3-year warranty

†⚠**WARNING:** This product can expose you to chemicals including Nickel, which is known to the State of California to cause cancer, and Bisphenol A, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Kit Includes



Antenna & Wall Mount Bracket with Hardware

Specifications

ELECTRICAL

Frequency Band (MHz)	617-698	698-806	806-960	1710-1880	1850-1990	1910-2170	2300-2700
Peak Gain (dBi)	5.5	6	7	7.2	7.7	8.0	7.7
Efficiency (%)	> 75%			>70%			
VSWR	<2.2:1			<1.6:1			
Polarization	Vertical						
Half-Power Azimuth Beamwidth (°)	100	95	97	60	52	55	65
Half-Power Elevation Beamwidth (°)	70	80	90	85	75	62	55
Front-to-Back Ratio (dB)	10	15	15	18	18	18	18
Impedance (Ω)	50						
Max Power (W)	20						

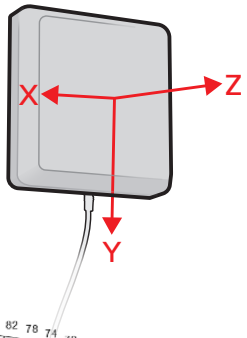
MECHANICAL

Model	311234
Connector	N - Female
Dimensions (in / mm)	6.6×6.2×1.8 / 168 × 158 × 47
Shipping Dimensions (in / mm)	8.6×6.9×2.7 / 220×176×70
Antenna weight (lb / kg)	1.32 / 0.6
Packing weight (lb / kg)	1.9 / 0.9
Radiator Material	Aluminum
Radome Material	ABS

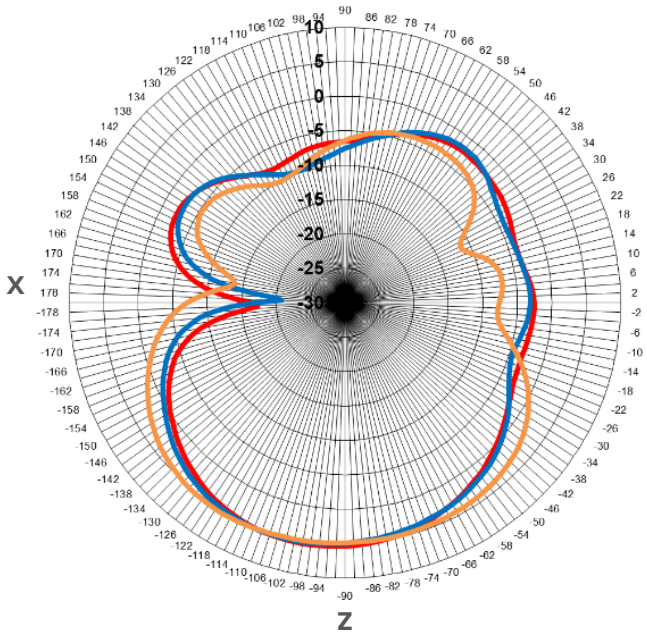
Radiation Patterns, 620-670 MHz

620 MHz 640 MHz 670 MHz

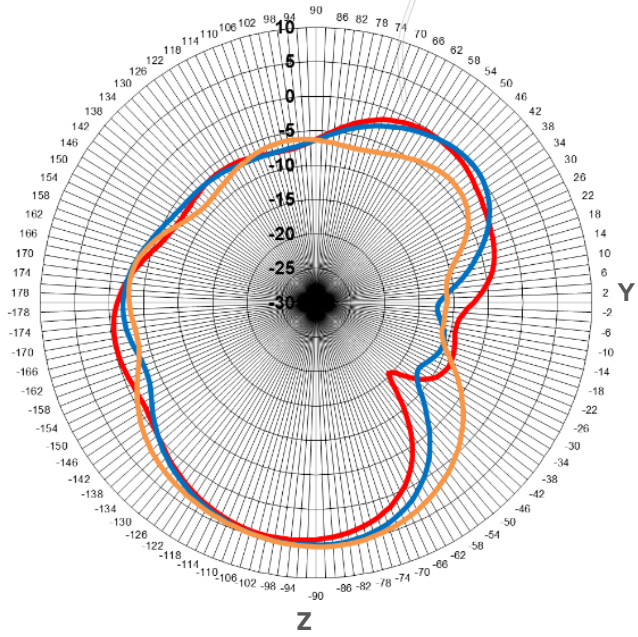
Test Setup



H Plane



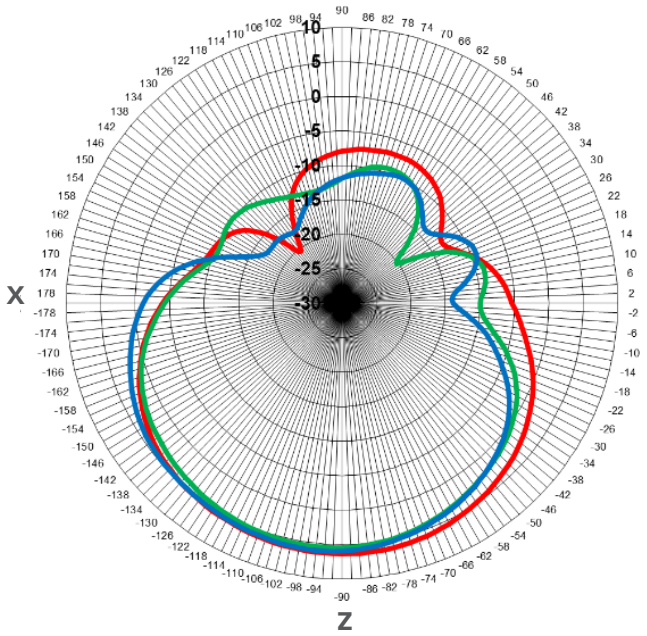
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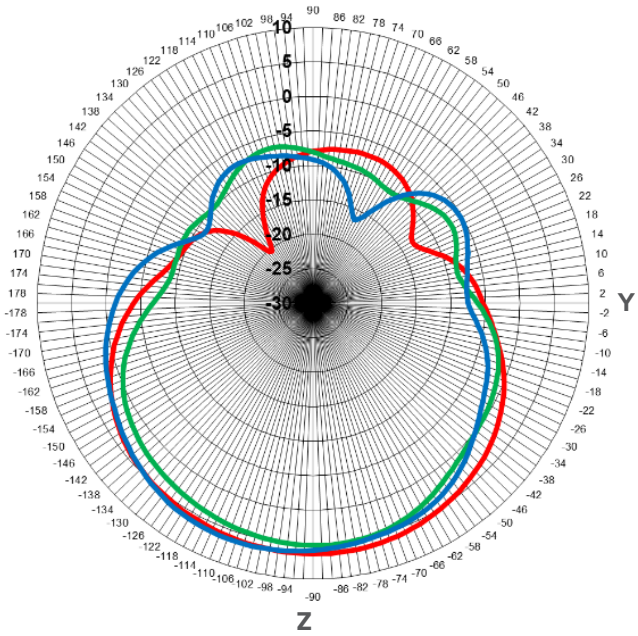
Radiation Patterns, 700-900 MHz

700 MHz 800 MHz 900 MHz

H Plane



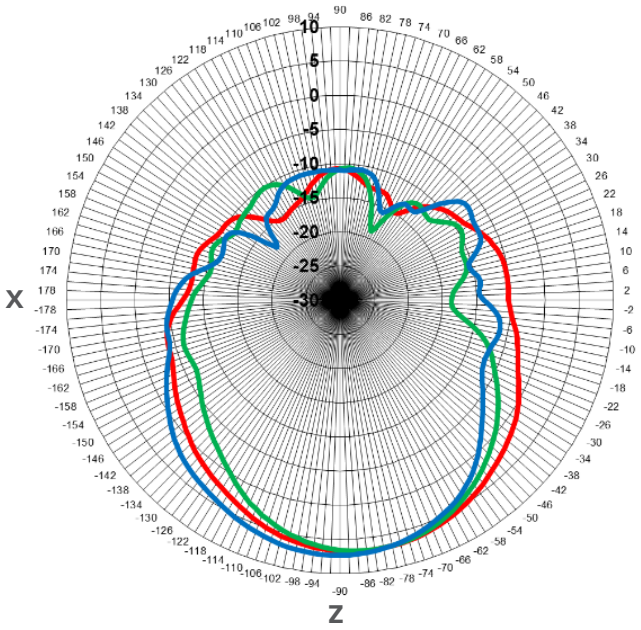
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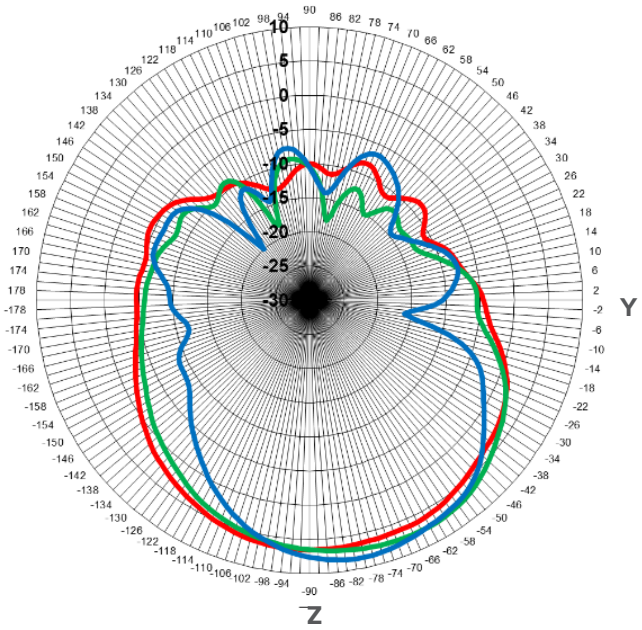
Radiation Patterns, 1700-2100 MHz

1700 MHz 1900 MHz 2100 MHz

H Plane



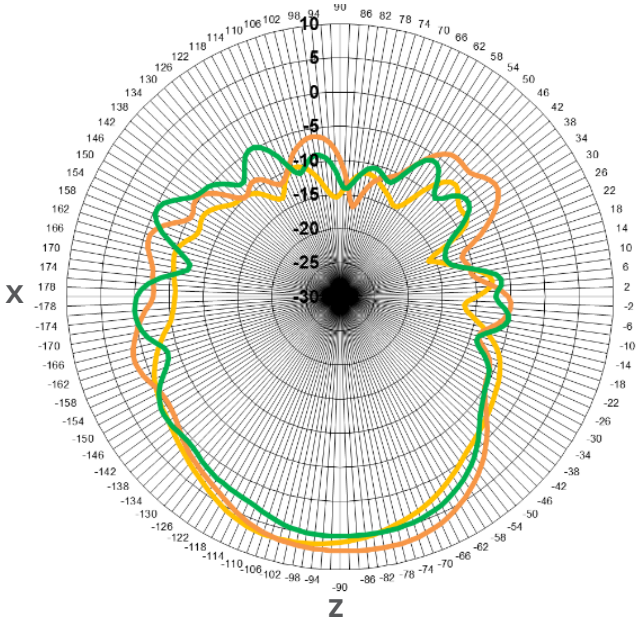
E Plane



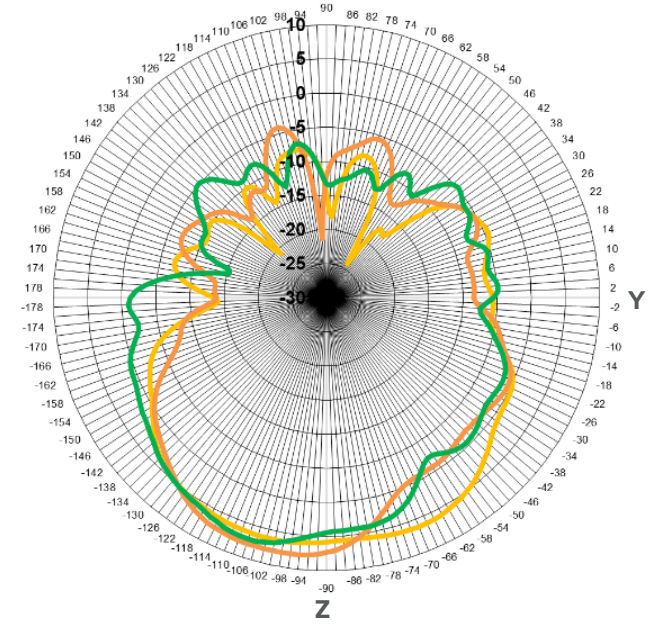
Radiation Patterns, 2300-2700 MHz

2300 MHz 2500 MHz 2700 MHz

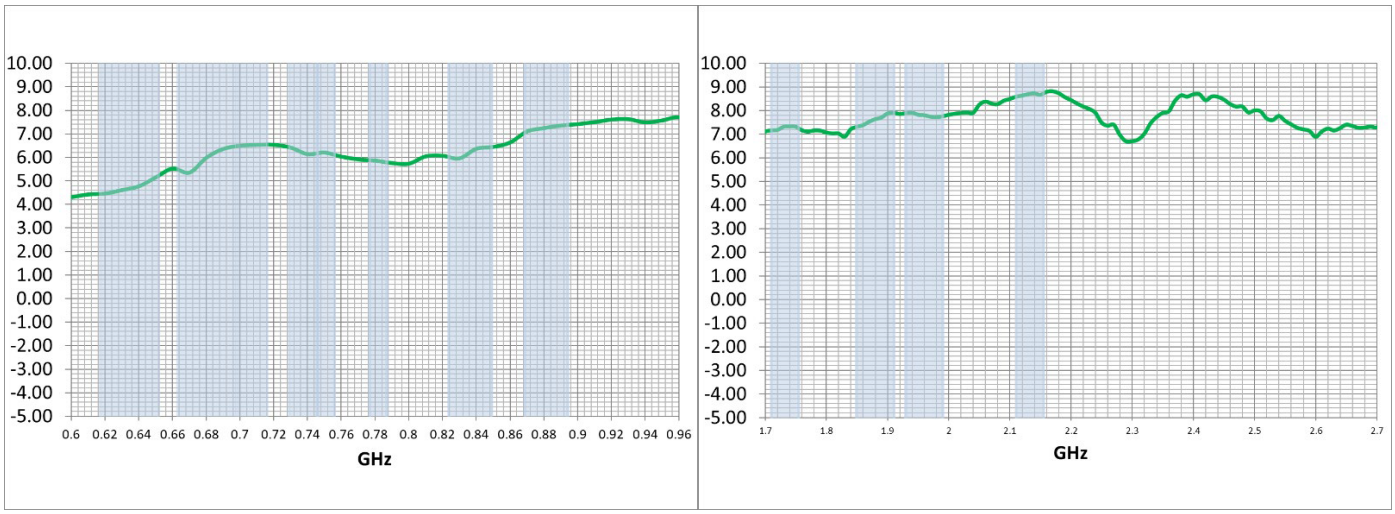
H Plane



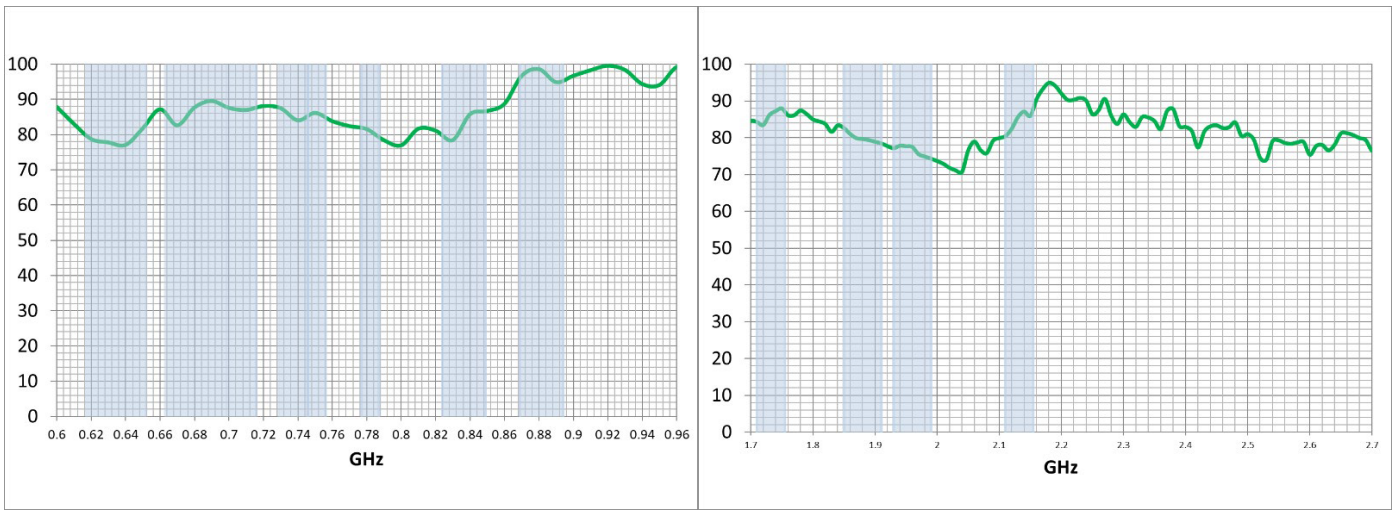
E Plane



Peak Gain



Efficiency (%)



WILSON
CONNECTIVITY

Package Dimensions

7.8 L x 6.8 W x 2.5 H



FRONT **SIDE** **TOP/BOTTOM** **WEIGHT**

MASTER CARTON: 16.5 L x 14.5 W x 13.7 H | 19.9 lbs. | QTY. 20

FOR PARTNER'S USE

Support

3 Year Warranty

US Web: wilsonconnectivity.com **INTL Phone:** +44 1223 982031
US Phone: +1 800 871 1612

*⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

ASSEMBLED IN THE USA

UPC

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