

# Home Inside Antenna

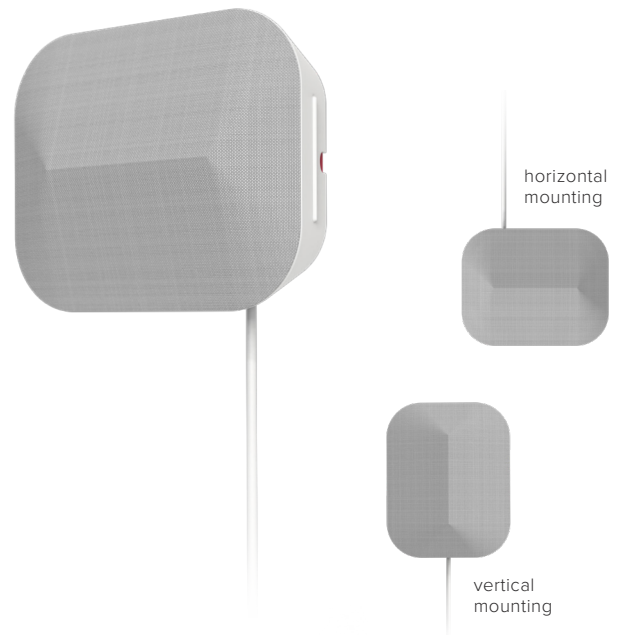
SKU: 314440

MSRP: \$99.99

## FEATURES

- Works on all worldwide cellular bands for voice and data: LTE/CDMA/GSM/UMTS/AWS
- High performance for cellular repeater-boosters
- High gain signal output
- Boost 698-960 & 1710-2700 MHz cellular frequencies
- Designed for building interior installation
- High efficiency and compact design
- Boosts voice and data
- Simple install kit with wall mount bracket and desk stand
- 2-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](http://www.P65Warnings.ca.gov)



## Kit Includes



## Specifications

### ELECTRICAL

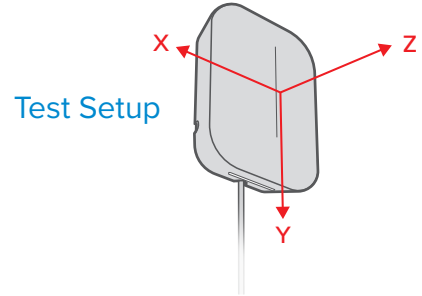
Frequency Band (MHz)	698-806	806-960	1710-1880	1900-2200	2200-2700
Peak Gain (dBi)	5.75	6	7.3	7.33	7.62
Efficiency (%)	65.80	63.34	66.77	55.19	55.17
VSWR	<1.5:1		<1.5:1		
Polarization	Horizontal				
Half-Power Azimuth Beamwidth (°)	79	72	56	51	55
Half-Power Elevation Beamwidth (°)	87	89	86	75	48
Front-to-Back Ratio (dB)	>10		>17	>15	>12
Impedance (Ω)	75				
Maximum Power (W)	50				

### MECHANICAL

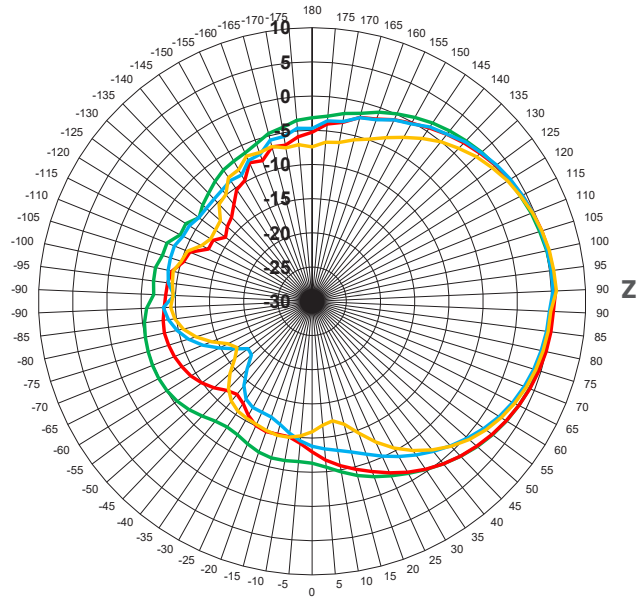
Model	314440
Connector	F- Female
Dimensions (in/mm)	8.875x7.125x2.625 / 225.4x180.9x66.6
Shipping Dimensions (in/mm)	11.5x7.83x3.5 / 292.1x198.8x88.9
Antenna weight (lb/kg)	1.75 / .79
Packing weight (lb/kg)	1.6 / .72
Radiator Material	PCB & Aluminum
Radome Material	Plastic-ChiMei PC385

## Radiation Patterns, 700-960 MHz

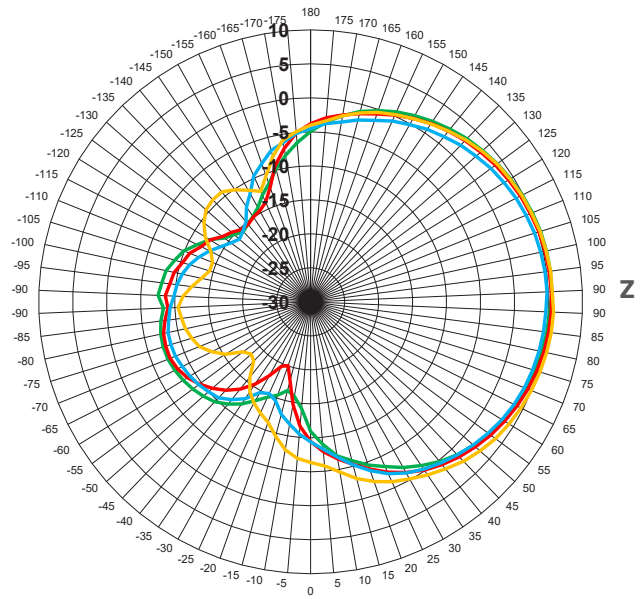
700 MHz    800 MHz    900 MHz    960 MHz



XY Plane



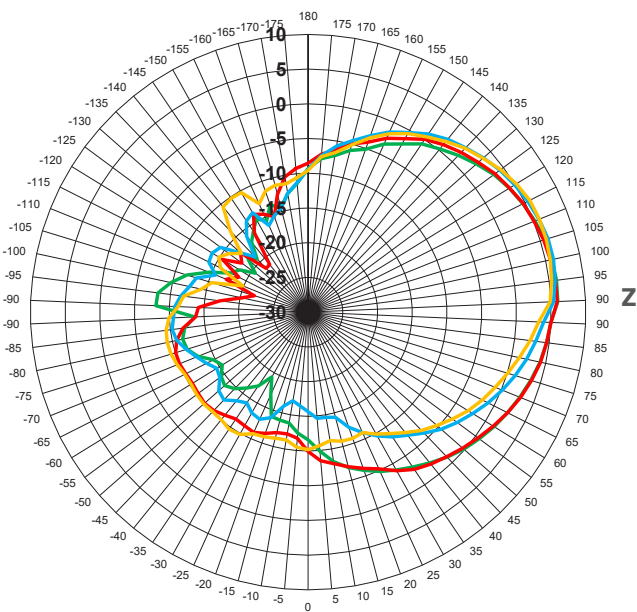
YZ Plane



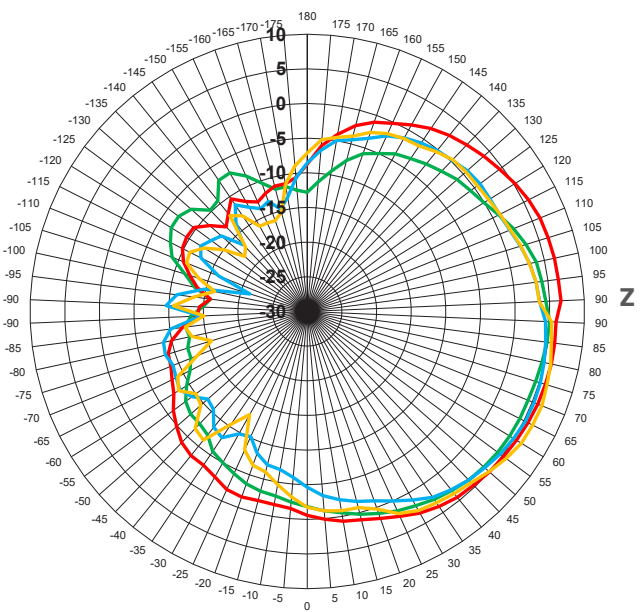
## Radiation Patterns, 1700-2200 MHz

1700 MHz    1900 MHz    2100 MHz    2200 MHz

XY Plane



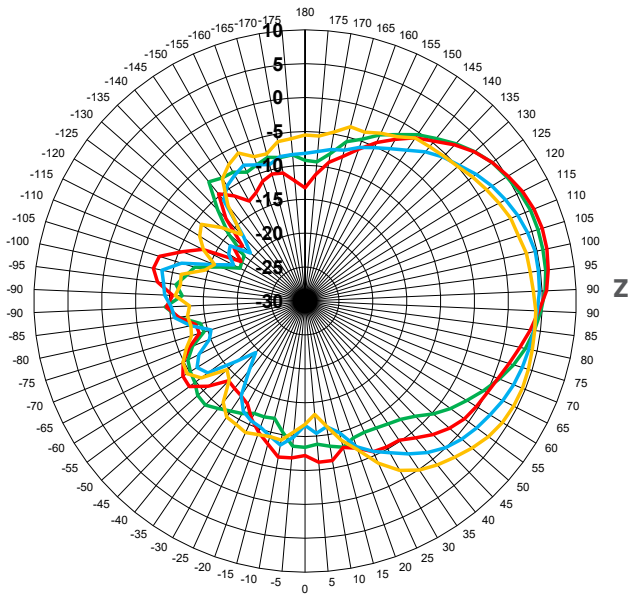
YZ Plane



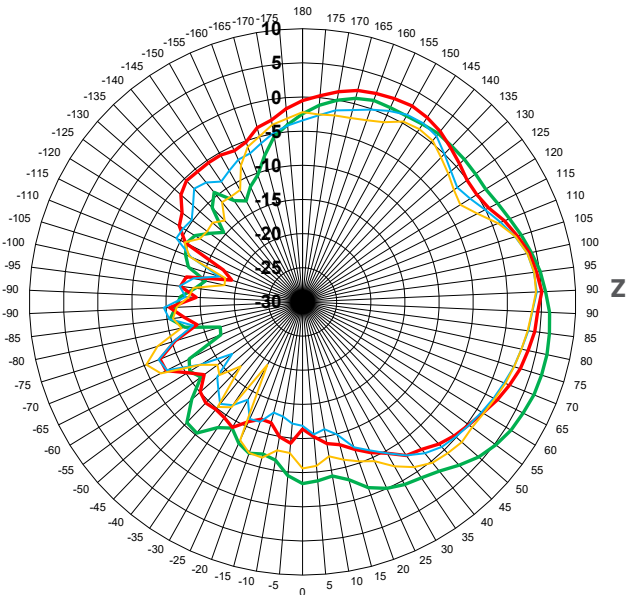
## Radiation Patterns, 2300-2700 MHz

2300 MHz   2500 MHz   2600 MHz   2700 MHz

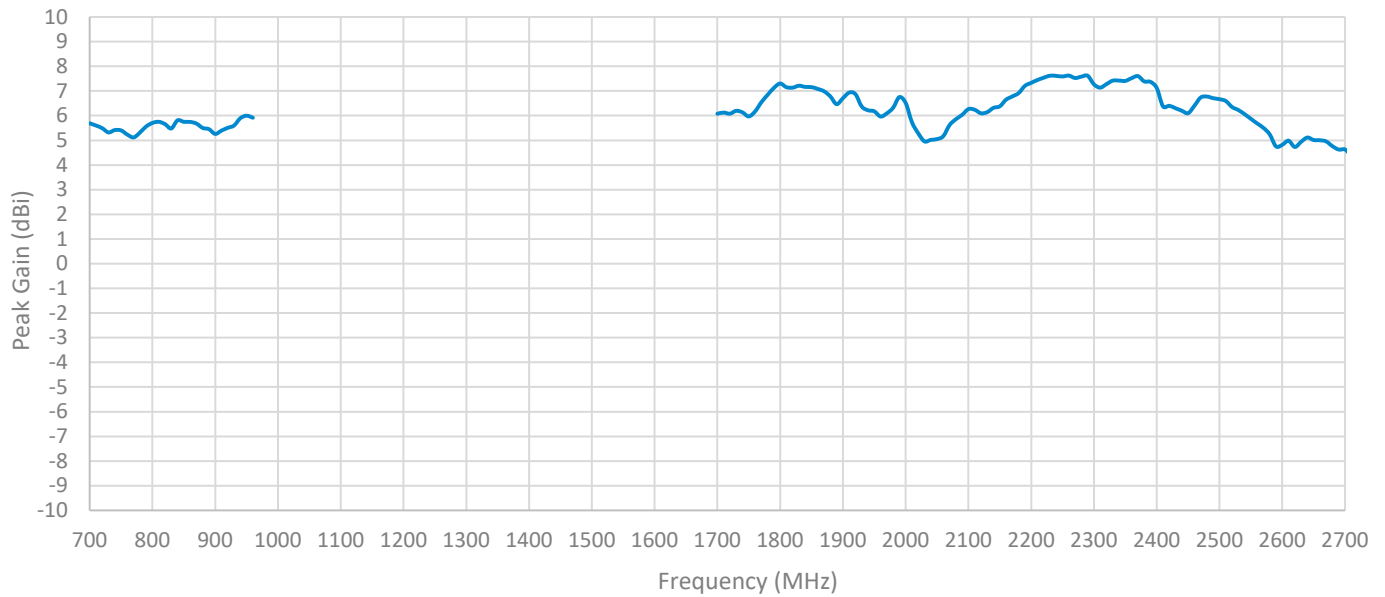
XY Plane



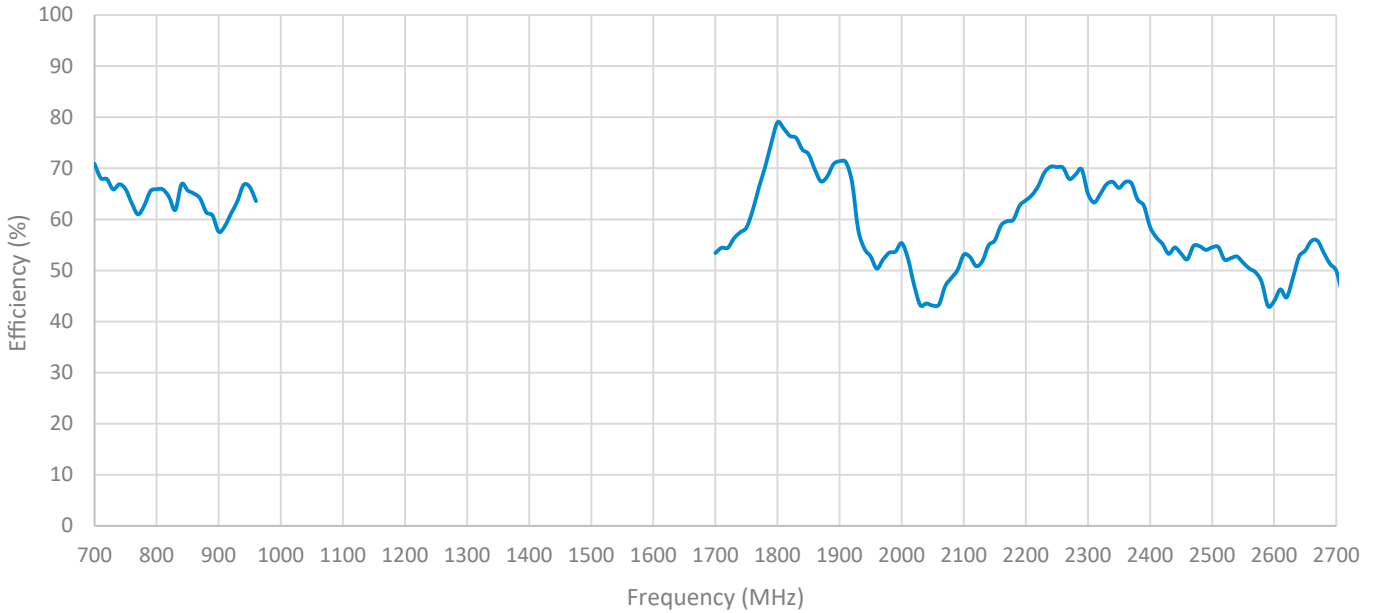
YZ Plane



## Peak Gain



## Efficiency

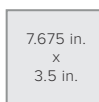


## Package Dimensions

11.5 L x 7.675 W x 3.5 H



FRONT



SIDE



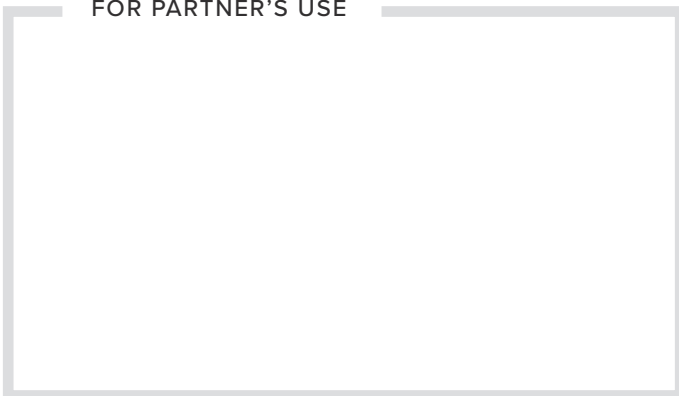
TOP/BOTTOM




WEIGHT

**MASTER CARTON:** 25 L x 18 W x 15 H | 33.54 lbs. | QTY. 18

FOR PARTNER'S USE



## Support

 2 Year Warranty

**Email:** [support@wilsonelectronics.com](mailto:support@wilsonelectronics.com)

**Website:** <http://support.weboost.com>

**Phone:** +1 866 294 1660 Monday to Saturday

\* **WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

ASSEMBLED IN THE USA



UPC

