



PCS-09014-2DH

Panel Antenna

Base Station Antenna

- State of the art air dielectric feed system
- No screws, welds, solder in critical RF feed path
- Exceptional low PIM results
- Lightweight, low profile for easy installation

ELECTRICAL

Frequency (MHz) :	1710 - 1880	1850 - 1990
Polarization :	Vertical	Vertical
Gain (dBd/dBi) :	14.2/16.3	14.4/16.5
Azimuth BW (Deg.):	90	90
Elevation BW (Deg.):	8.5	8
Beam Tilt (Deg.):	2	2
USLS* (dB) :	15	15
Front-To-Back Ratio* (dB) :	25	25
VSWR :	<1.4:1	<1.4:1
PIM3 @ 2 x 20w (dBc) :	-150	-150
Max. Input Power (Watts) :	250	250
Impedance (Ohms) :	50	50
Lightning Protection :	DC Ground	DC Ground



MECHANICAL

Weight :	4.9 kg (10.8 lb)
Dimensions (LxWxD) :	1,227 x 173 x 89 mm (48.3 x 6.8 x 3.5 in)
Max. Wind Area :	0.13 m ² (1.4 ft ²)
Max. Wind Load (@ 100 mph) :	351.3 N (79 lbf)
Max. Wind Speed :	241 km/h (150 mph)
Hardware Material :	Galvanized Steel
Connector Type :	7-16 DIN - Female (1, Bottom)
Color :	Off White
Standard Mounting Hardware :	602030A
WeatherShield™ Enclosure: (Must order separately)	AWE-A12



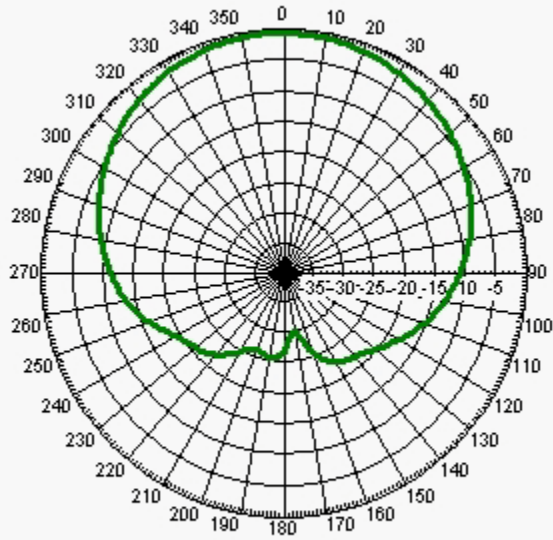
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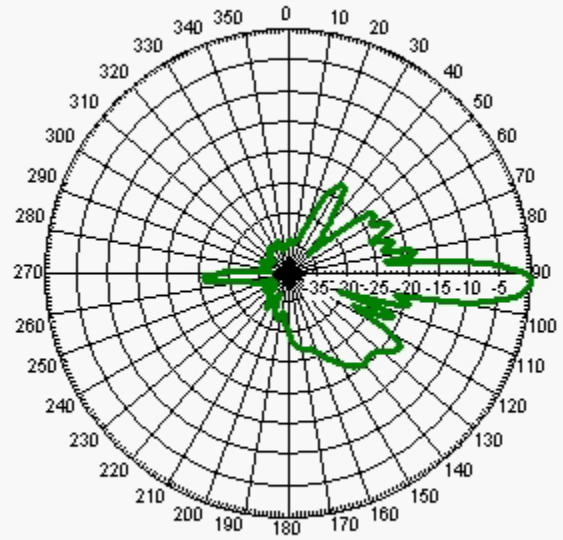
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AZIMUTH PATTERN

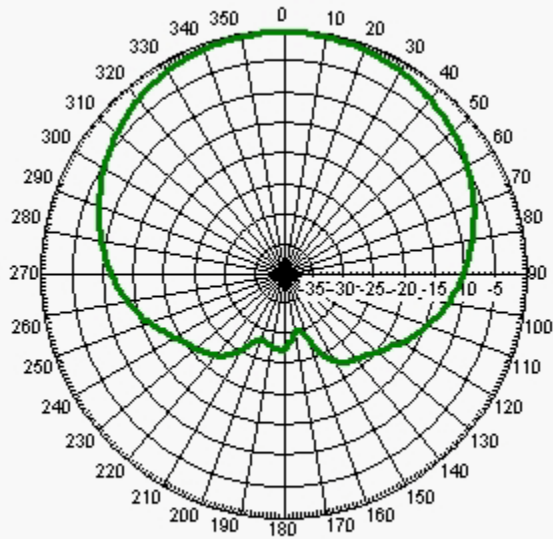
ELEVATION PATTERN



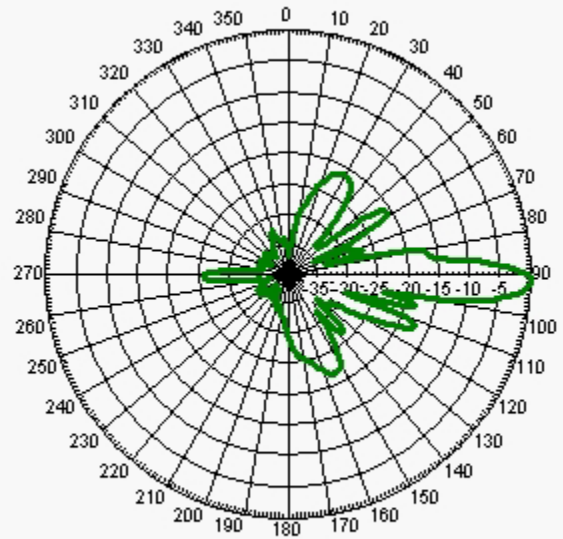
Freq: 1790 MHz, Tilt: 2



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