



CTSG-12013-ODM

Panel Antenna

Decibel®
Base Station Antennas

- State of the art air dielectric feed system.
- No screws, fasteners, welds or solder in RF path for exceptional low PIM results.
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ELECTRICAL

Frequency (MHz) :	806 - 894	870 - 960
Polarization :	Vertical	Vertical
Gain (dBd/dBi) :	12.9/15	13.2/15.3
Azimuth BW (Deg.):	120	120
Elevation BW (Deg.):	7.5	7
Beam Tilt (Deg.):	0	0
USLS* (dB) :	15	15
Front-To-Back Ratio* (dB) :	22	22
VSWR :	<1.3:1	<1.3:1
PIM3 @ 2 x 20w (dBc) :	-150	-150
Max. Input Power (Watts) :	500	500
Impedance (Ohms) :	50	50
Lightning Protection :	DC Ground	DC Ground



MECHANICAL

Weight :	15.4 kg (34 lb)
Dimensions (LxWxD) :	2,565 x 267 x 127 mm (101 x 10.5 x 5 in)
Max. Wind Area :	0.45 m ² (4.8 ft ²)
Max. Wind Load (@ 100 mph) :	1,192.0 N (268 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 :	600899A-2
WeatherShield™ Enclosure: (Must order separately)	AWE-A12



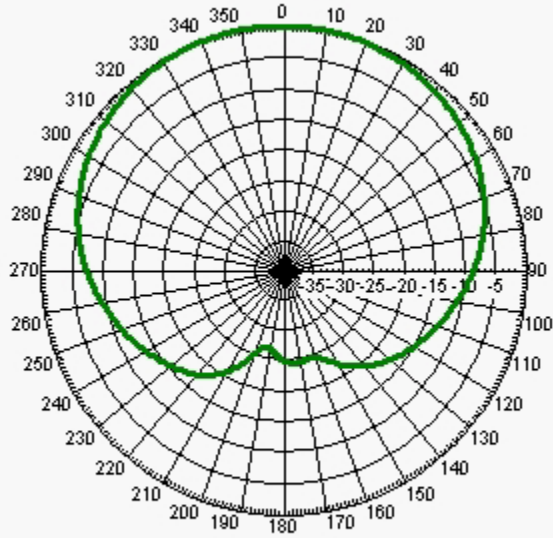
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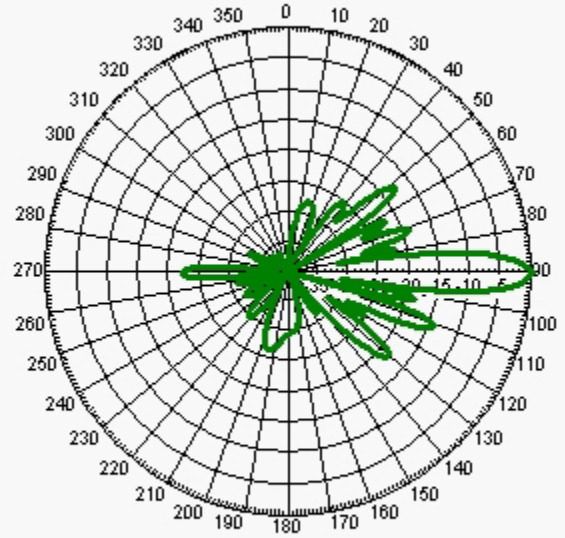
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AZIMUTH PATTERN

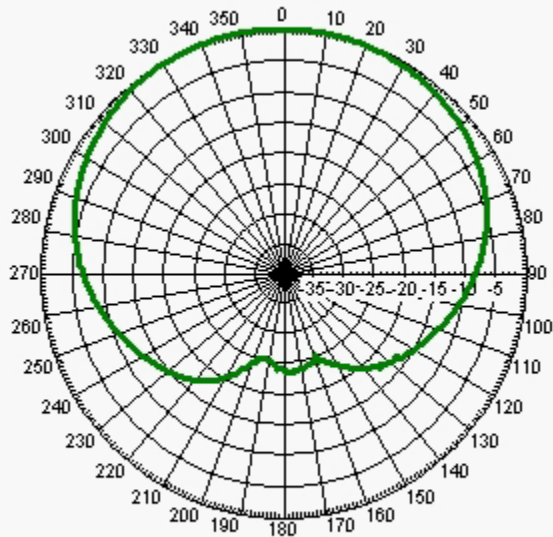
ELEVATION PATTERN



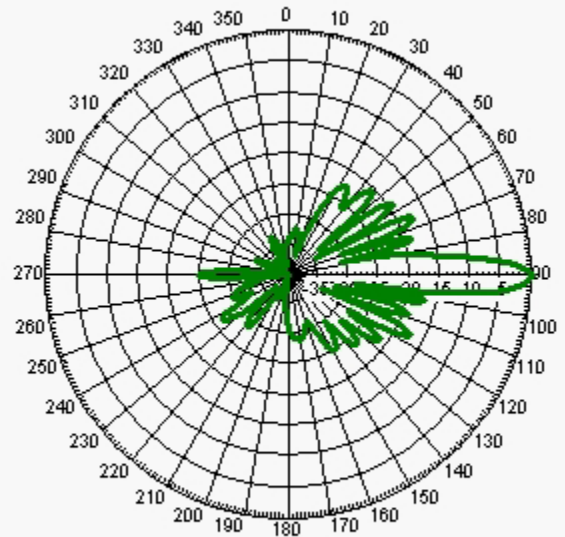
Freq: 850 MHz, Tilt: 0



Freq: 850 MHz, Tilt: 0



Freq: 940 MHz, Tilt: 0



Freq: 940 MHz, Tilt: 0