

860-940 MHz Omnidirectional Antenna

APPLICATIONS AND FEATURES

Applications:

- 860~940 MHz ISM Band
- Directional and multipoint applications
- Public Wireless Hotspot
- WiFi, CDMA, RFID, GSM
- Wireless Video Systems

Features :

- Superior performance
- Light weight
- All weather operation
- DC Short lightning protection
- Installed for vertical
- Includes tilt and swivel mast mount

SPECIFICATIONS:

Electrical Specifications

Frequency Range	860 – 940MHz
V.S.W.R	2.0
Return Loss	-10db
Antenna Type	Collinea
Gain	5dBi
Polarization	Vertical
Maximum Power	50W
Vertical Beam-with	20 °
Horizontal Beam-with	360 °
Impedance	50Ω
Connector	N-Female

Mechanical Specifications

Length	450mm
Diameter	25mm
Weight	350g
Wind Survival	> 150 MPH
Radome Material	White Fiberglass
Operating Temperature	- 40 to + 80
Clamps	U-bolt
Mounting	32 – 45mm
RoHS Compliant	Yes



OA-869405 antennas are professionally engineered and manufactured with the highest industry quality at the lowest possible price providing extreme value. This Omni antenna is designed for the 860~940MHz ISM band, supporting 860 to 940 MHz and provides superb performance in GSM and RFID and WiFi and CDMA applications.

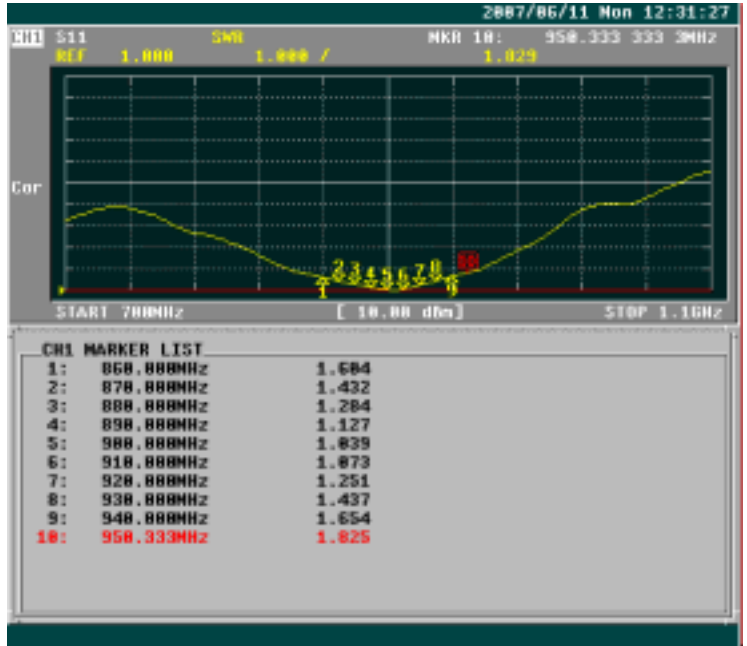
The antenna includes mounting bracket and hardware for up to 2" OD masts. Made with fiberglass and comes with an integrated N Female connector.

OA-869405 Test Report

860-940 MHz 5dBi Outdoor Omni-Directional Antenna

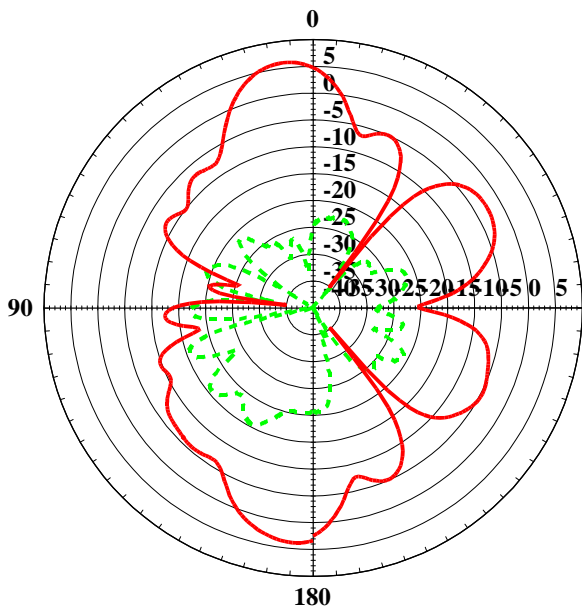


Return loss



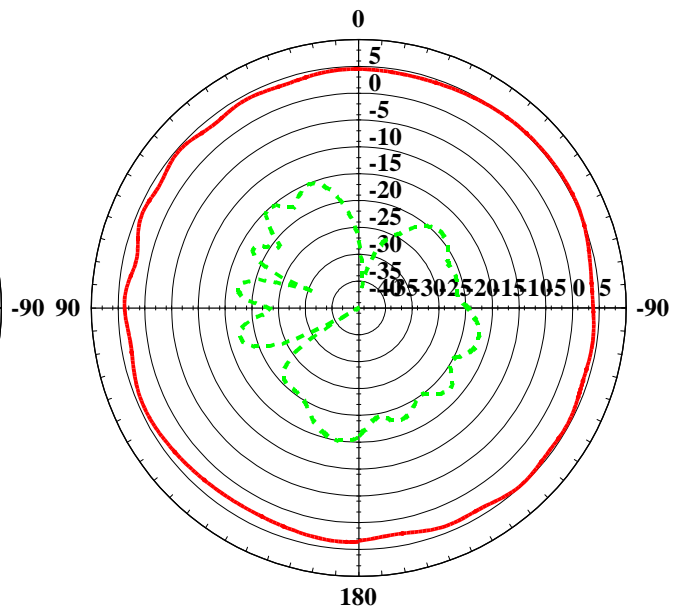
V.S.W.R

Antenna Vertical & Horizontal Pattern



Vertical

E-plane co-pol — x-pol - - - - -
3-dB beamwidth=20°



Horizontal

H-plane co-pol — x-pol - - - - -
3-dB beamwidth=360°



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