

2.4G~2.5GHz MIMO PANEL Antenna II 14dBi for N FEMALE PAII-2450-14N-FM01

APPLICATIONS AND FEATURES

Applications

- 2.4~2.5 GHz Applications
- IEEE 802.11b/g/n MIMO Wireless LAN
- Public Wireless Hotspot
- Directional application
- Wi-Fi, RFID
- Wireless Video Systems
- Bluetooth

Features :

- RoHS Compliant
- The Weight is light
- Heavy Duty mounting
- Superior Performance
- Good appearance design
- Installed for vertical or horizontal polarization



SPECIFICATIONS:

Electrical Specifications

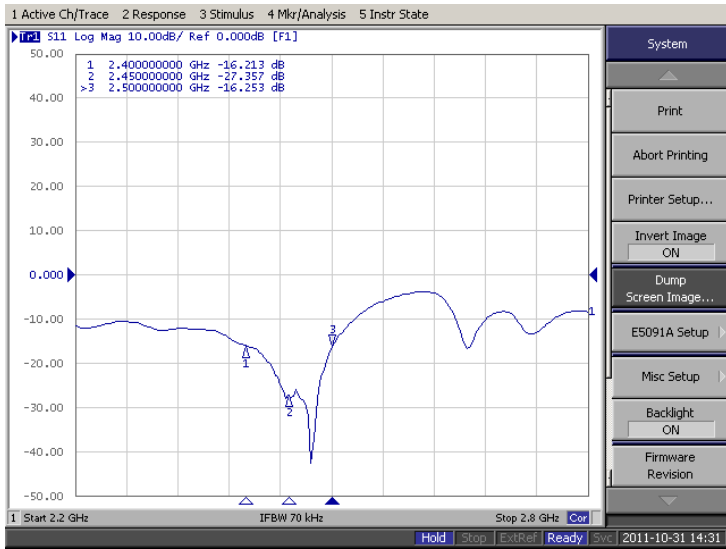
Frequency Range	2400~2500MHz
V.S.W.R	$\leq 1.5:1$
Return Loss	$\geq -14\text{db}$
Antenna Type	Collinear
Gain	14 dBi
Polarization	Vertical or Horizontal
Maximum Power	50W
Vertical Beam-with	20°
Horizontal Beam-with	45°
Impedance	50Ω
Connector	N female x 3

Mechanical Specifications

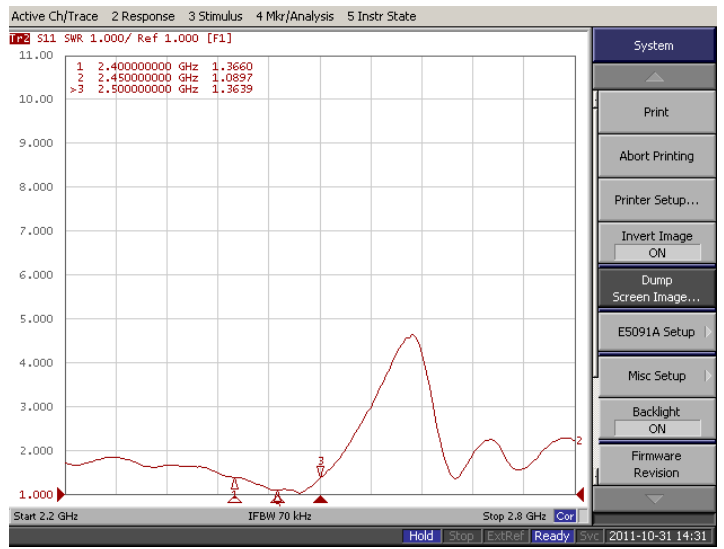
Dimension	290 x 290 x 35mm
Weight	880g
Wind Survival	> 120 MPH
Radome Material	ABS + UV resistance
Clamps	Multiple options
Mounting	Multiple options
Operating Temperature	-40°C to +80°C

TESTING REPORT

Return Loss

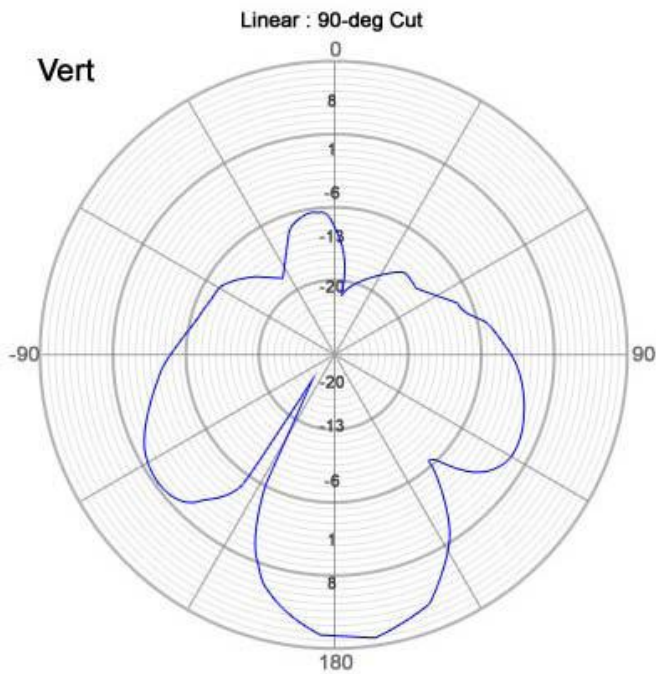


V.S.W.R

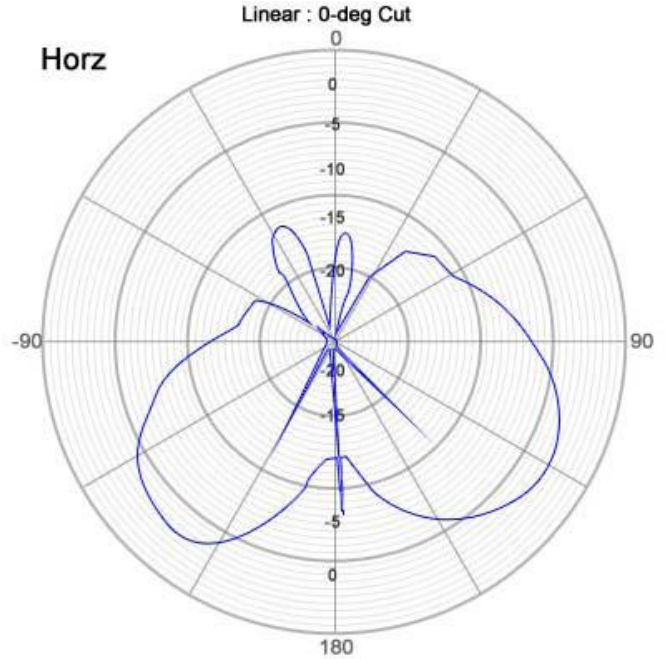


Antenna Vertical & Horizontal Pattern

Vertical



Horizontal



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