

## 2.4~2.5GHz MIMO PANEL Antenna II 09dBi for SMA FEMALE PAII-2450-09SMA-FM01

### APPLICATIONS AND FEATURES

#### Applications:

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

#### Features :

- RoHS Compliant
- The Weight is light
- Heavy Duty mounting
- Superior Performance
- Good appearance designs
- Outdoor antenna for public Hot spots
- Installed for vertical or horizontal polarization



### SPECIFICATIONS:

#### Electrical Specifications

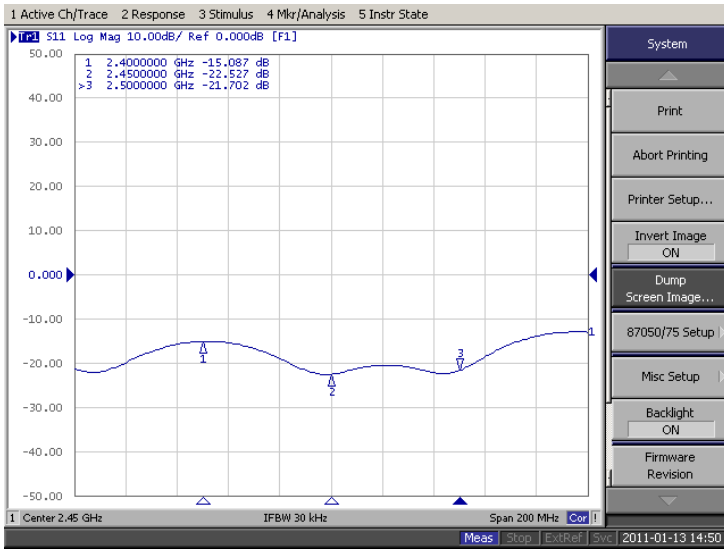
Frequency Range	2400~2500MHz
V.S.W.R	≤ 1.5:1
Return Loss	≥ -14db
Antenna Type	Collinear
Gain	9dBi
Polarization	Vertical
Maximum Power	50W
Vertical Beam-with	10°
Horizontal Beam-with	90°
Impedance	50Ω
Connector	SMA female x2

#### Mechanical Specifications

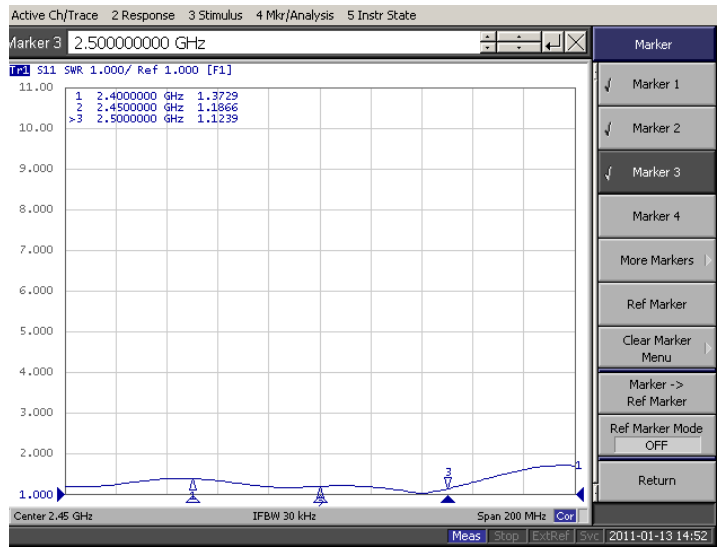
Length	245mm
Diameter	90mm
Weight	250g
Wind Survival	> 120 MPH
Radome Material	White Fiberglass
Operating Temperature	-40°C to +80°C
Clamps	Multiple options
Mounting	Multiple options
RoHS Compliant	Yes

# TESTING REPORT PORT 1

## Return Loss

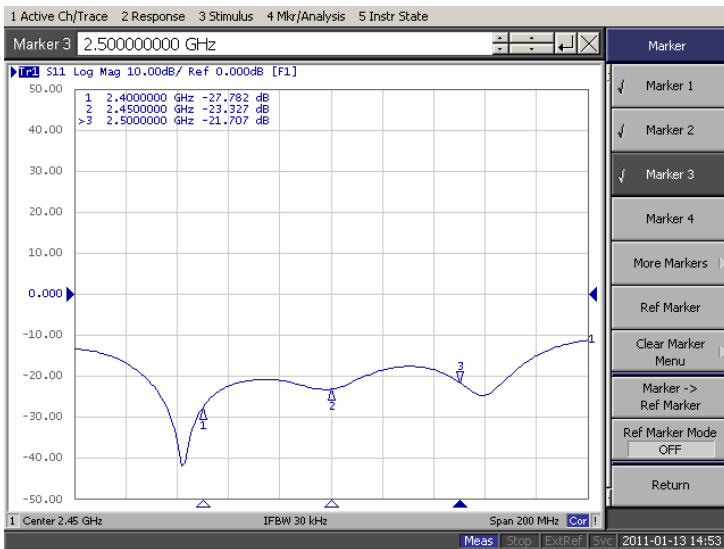


## V.S.W.R

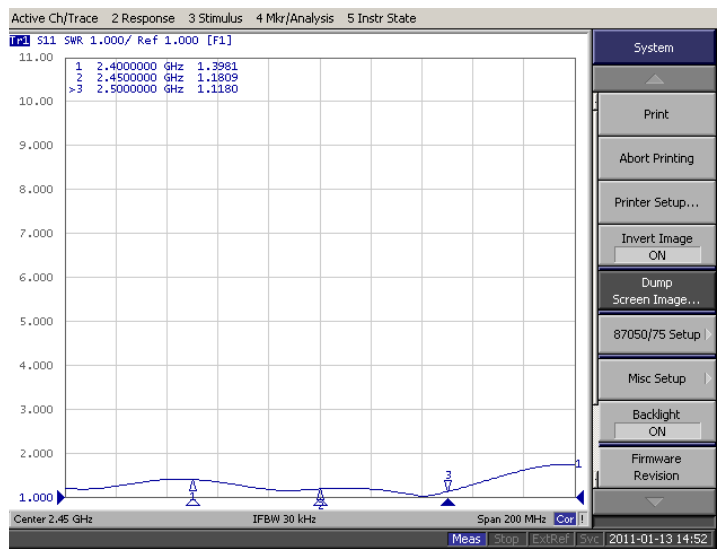


# TESTING REPORT PORT 2

## Return Loss

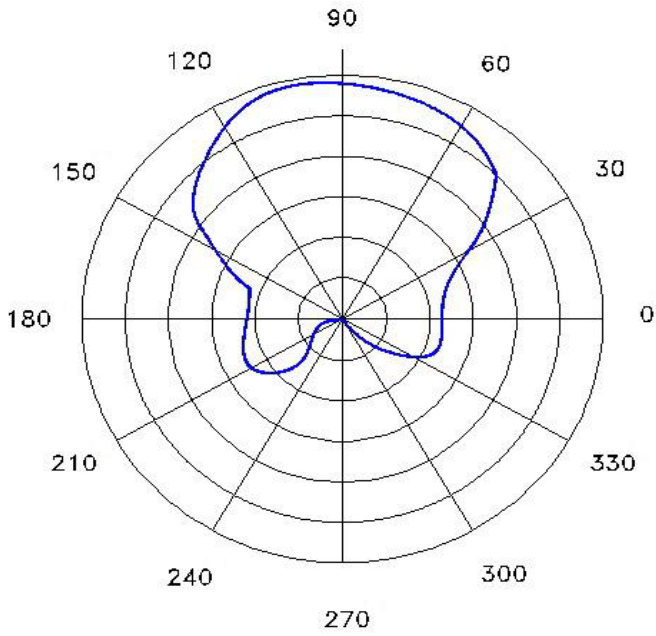


## V.S.W.R

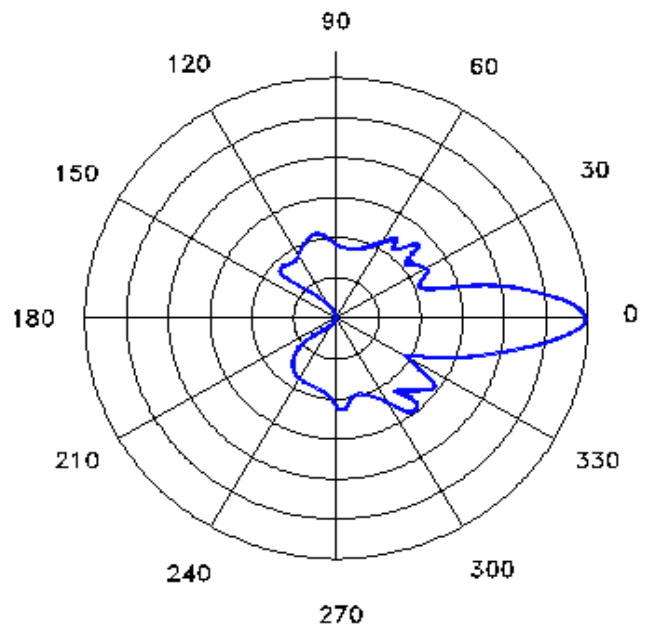


# Antenna Vertical & Horizontal Pattern

## Vertical



## Horizontal



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