

2.4~2.5GHz MIMO PANEL Antenna II 11dBi for SMA FEMALE PAII-2450-11SMA-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

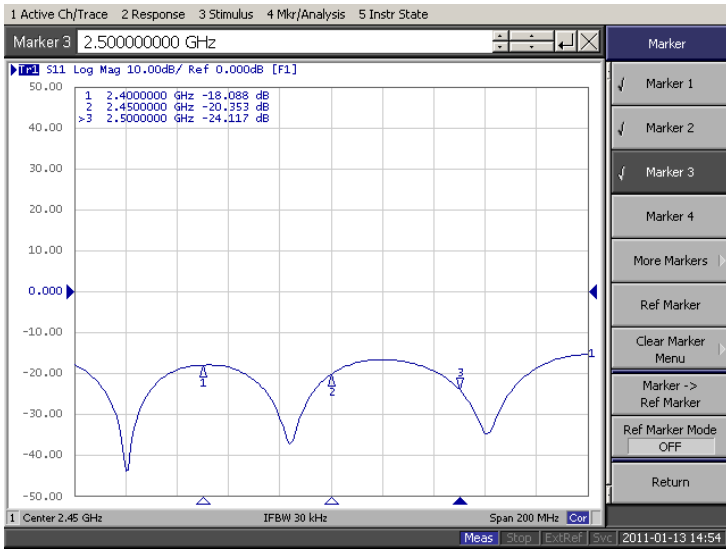
| | |
|----------------------|---------------|
| Frequency Range | 2400~2500MHz |
| V.S.W.R | ≤ 1.5:1 |
| Return Loss | ≥ -14db |
| Antenna Type | Collinear |
| Gain | 11dBi |
| Polarization | Vertical |
| Maximum Power | 50W |
| Vertical Beam-with | 8 |
| Horizontal Beam-with | 90° |
| Impedance | 50Ω |
| Connector | SMA female x2 |

Mechanical Specifications

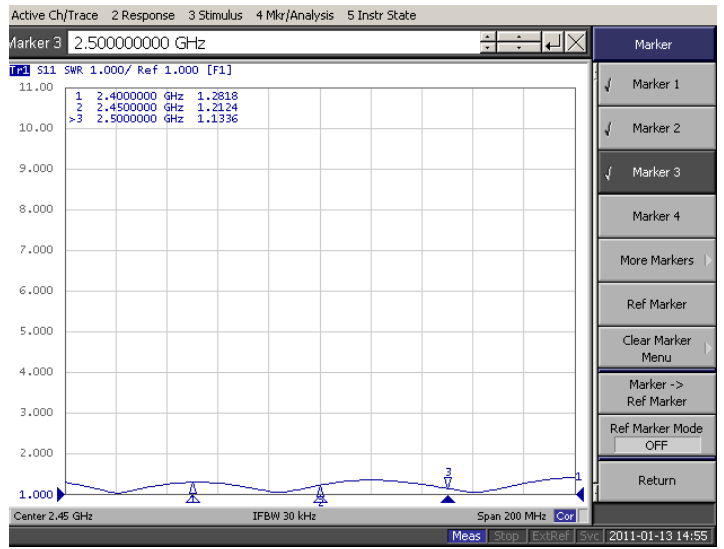
| | |
|-----------------------|------------------|
| Length | 455mm |
| Diameter | 130mm |
| Weight | 650g |
| Wind Survival | > 120 MPH |
| Radome Material | White Fiberglass |
| Operating Temperature | -40°C to +80°C |
| Clamps | Multiple options |
| Mounting | Multiple options |
| RoHS Compliant | Yes |

TESTING REPORT PORT 1

Return Loss

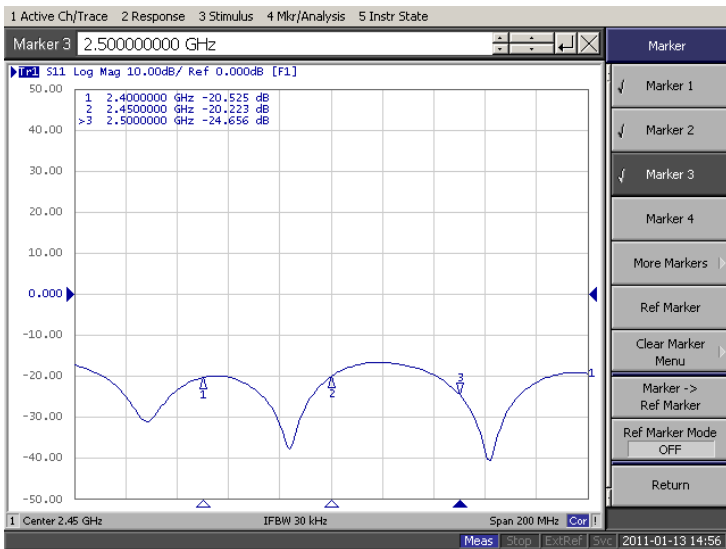


V.S.W.R

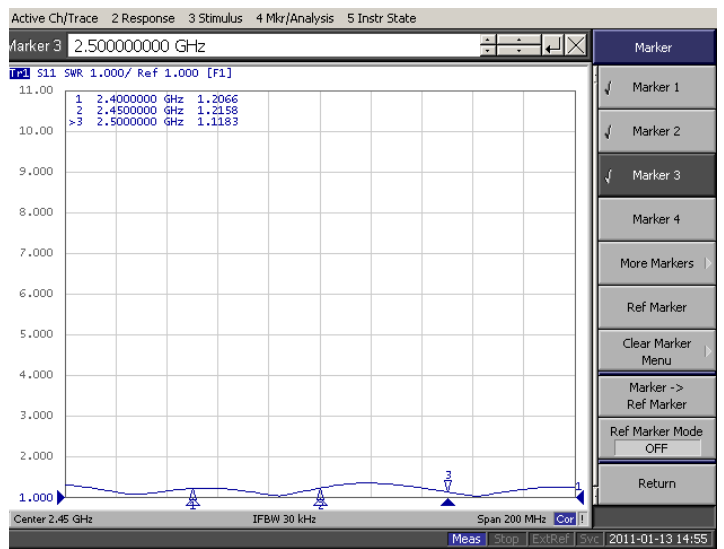


TESTING REPORT PORT 2

Return Loss

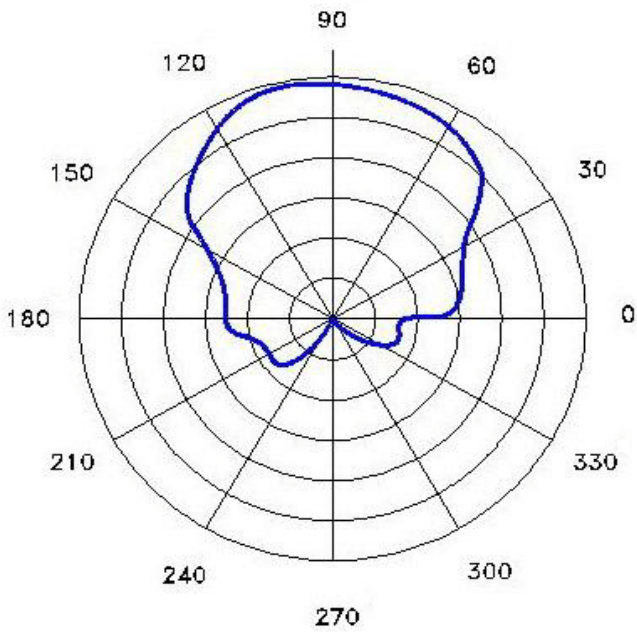


V.S.W.R

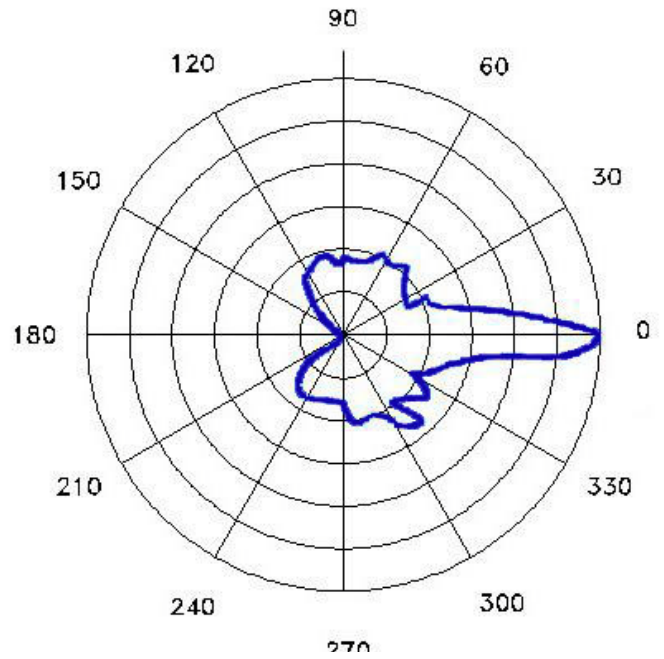


Antenna Vertical & Horizontal Pattern

Vertical



Horizontal



Hwayaotek

NO.6 ,Ln.48, Nansing Rd., Yong Kang City,
Tainan County 710, Taiwan, R.O.C

TEL: +886-6-2712809
FAX: +886-6-2712870
<http://www.hwayaotek.com.tw>
Email:sales@hwayaotek.com.tw