

5.1~5.9GHz MIMO PANEL Antenna II 11dBi for SMA FEMALE PAII-5000-11SMA-FM01

APPLICATIONS AND FEATURES

Applications:

- WiMAX,CDMA
- 802.11a WiFi Networks
- Frequency Ultra-wide
- Wireless Lan Systems
- Public Wireless Hotspot
- 802.16WiMax Networks
- 5.1~5.9 GHz Applications
- Directional and multipoint applications

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	5100~5900MHz
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

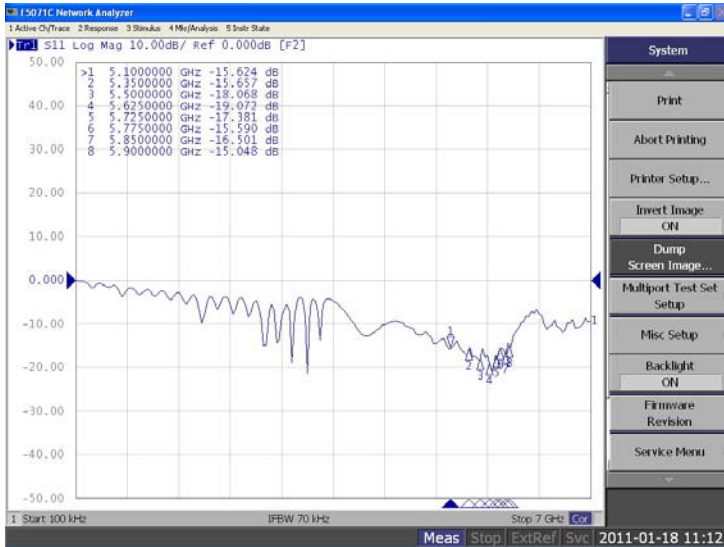
Mechanical Specifications

Length	455mm
Diameter	130mm
Weight	520g
Wind Survival	> 120 MPH
Radome Material	White Fiberglass
Operating Temperature	-40°C to +80°C
Clamps	Multiple options
Mounting	Multiple options
RoHS Compliant	Yes

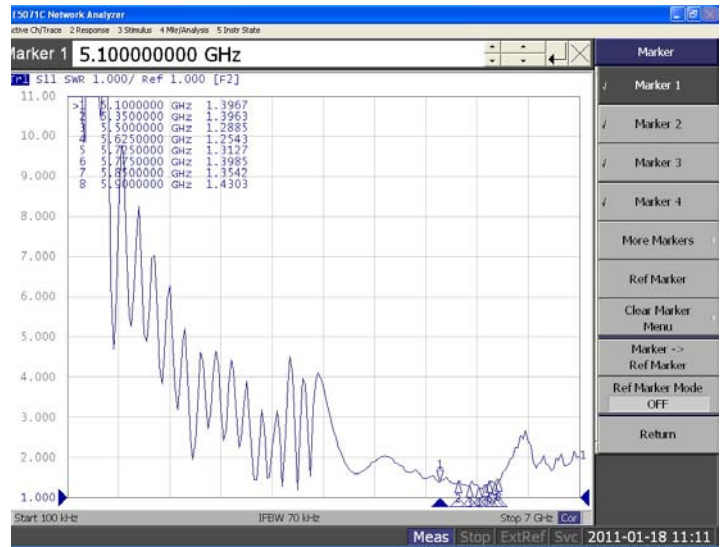
TESTING REPORT

PORT 1

Return Loss

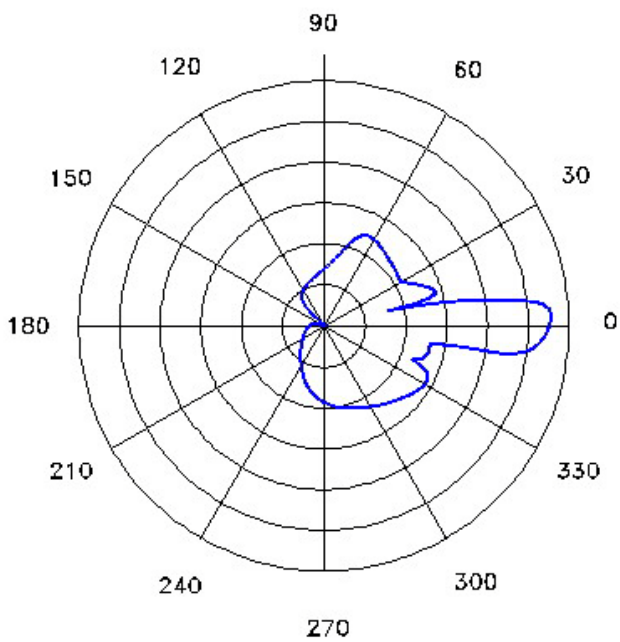


V.S.W.R

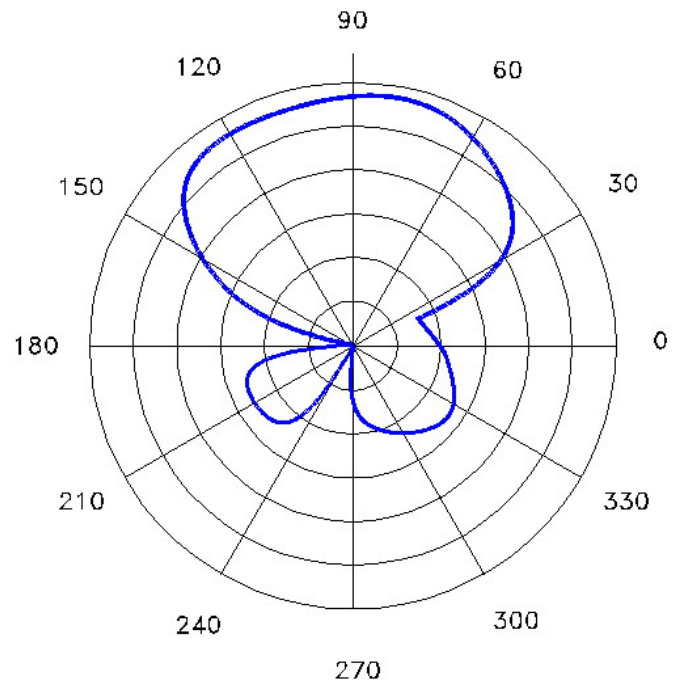


Antenna Vertical & Horizontal Pattern

Vertical

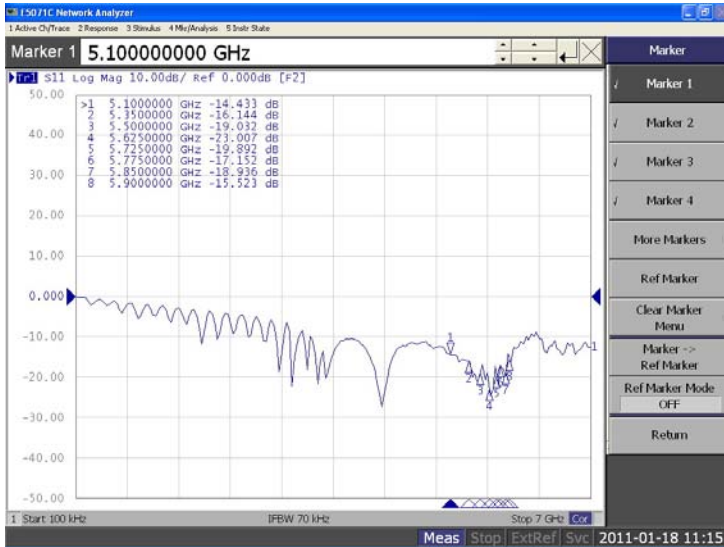


Horizontal

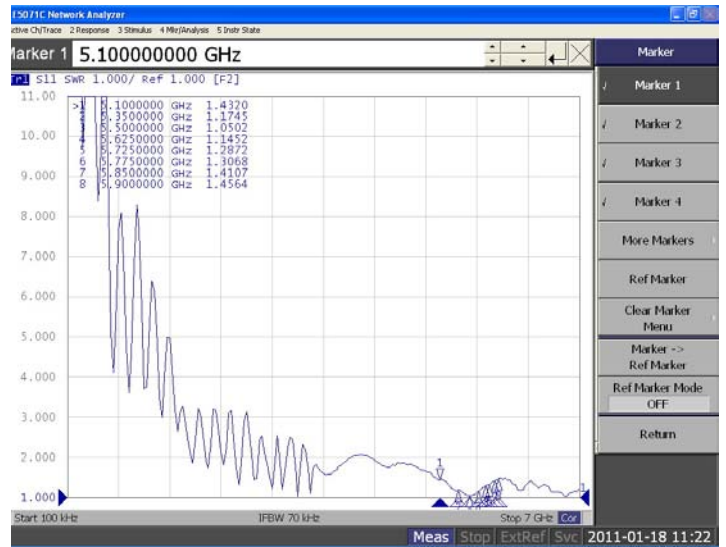


TESTING REPORT PORT 2

Return Loss

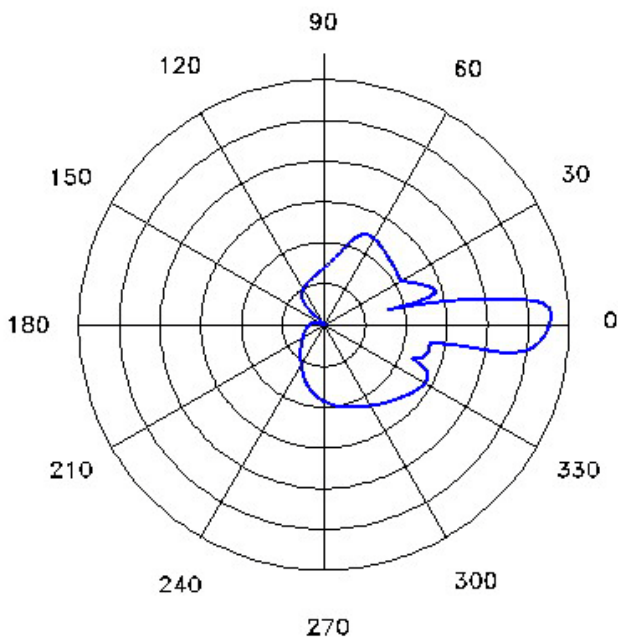


V.S.W.R

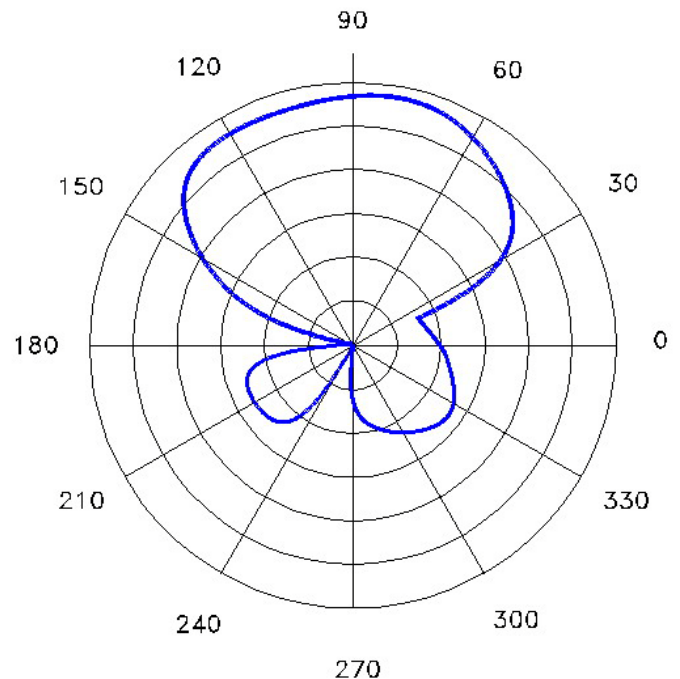


Antenna Vertical & Horizontal Pattern

Vertical



Horizontal



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