

PANEL Antenna II 5GHz 16dBi Dual Polarization for SMA FEMALE
<Full Band>
PAII-5000-16SMA-D01

APPLICATIONS AND FEATURES

Applications:

- 5100~5900 MHz ISM Band
- Directional applications
- WiMax, CDMA
- Public Wireless Hotspot
- Frequency Ultra-wide
- Wireless Lan Systems
- 802.11a WiFi Networks
- 802.16 WiMax Networks

Features :

- Includes tilt and swivel mast mount brackets
- Installed for vertical or horizontal polarization
- support is up and down or so to adjust
- Behind and support is an aluminum
- Superior performance
- The weight is light
- RoHS Compliant



SPECIFICATIONS:

Electrical Specifications

Frequency Range	5100~5900MHz
V.S.W.R	≤ 1.5:1
Return Loss	≥ -14db
Antenna Type	PCB patch
Gain	16dBi
Polarization	Vertical or Horizontal
Maximum Power	50W
Vertical Beam-with	20°
Horizontal Beam-with	20°
Impedance	50Ω
Connector	SMA-Femalex2

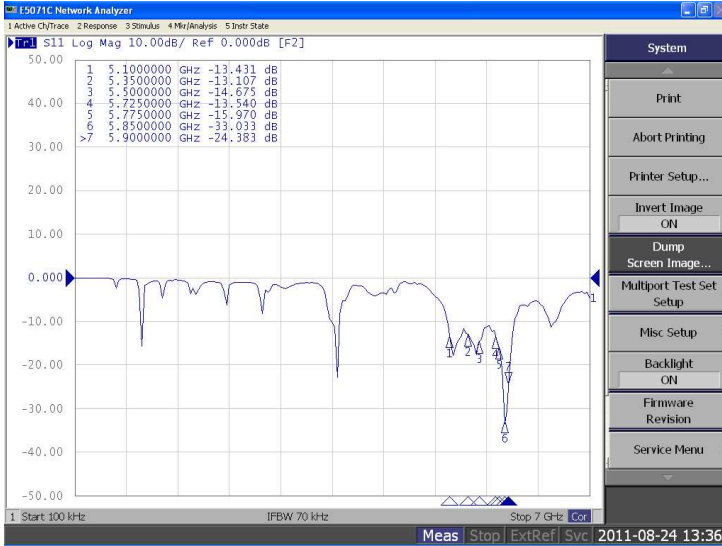
Mechanical Specifications

Dimension:	239 x 239 x 30mm
Weight	770g
Wind Survival	> 150 MPH
Radome Material	ABS + UV resistance
Clamps	Multiple options
Mounting	Multiple options
Operating Temperature	-40°C to +80°C

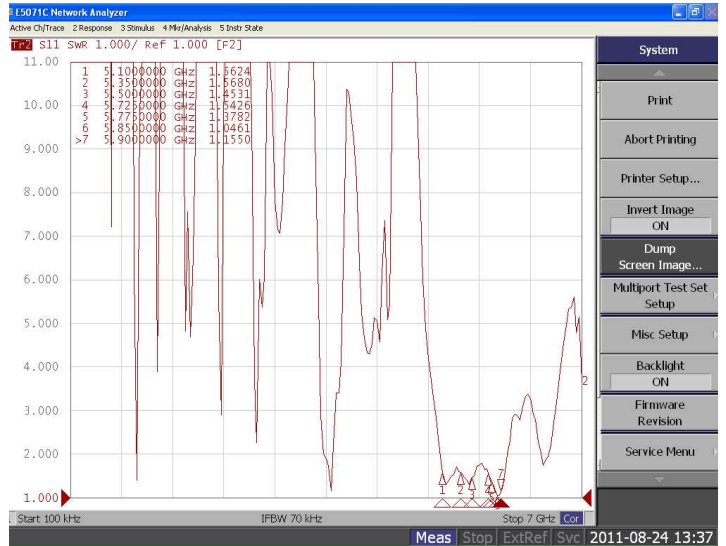
TESTING REPORT

Port 1

Return Loss

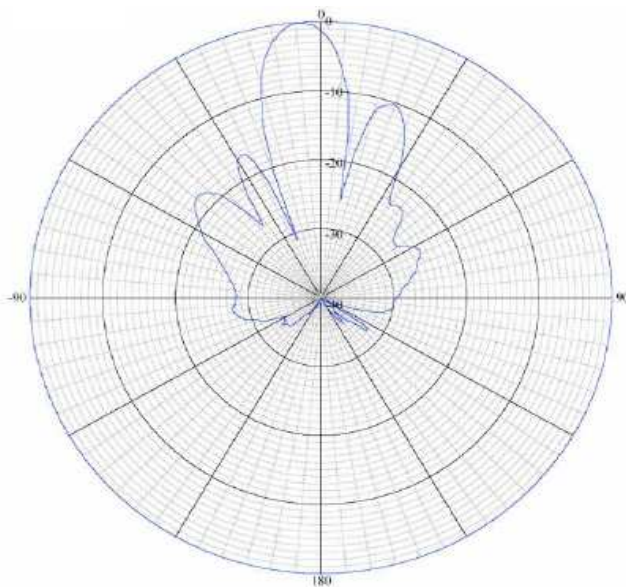


V.S.W.R

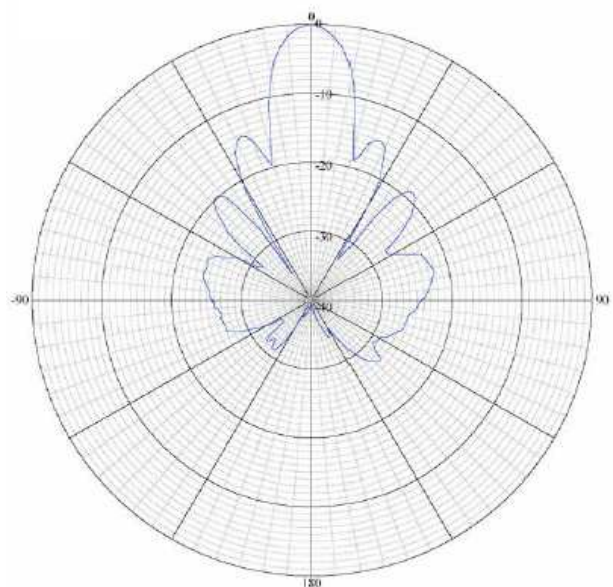


Antenna Vertical & Horizontal Pattern

Vertical



Horizontal



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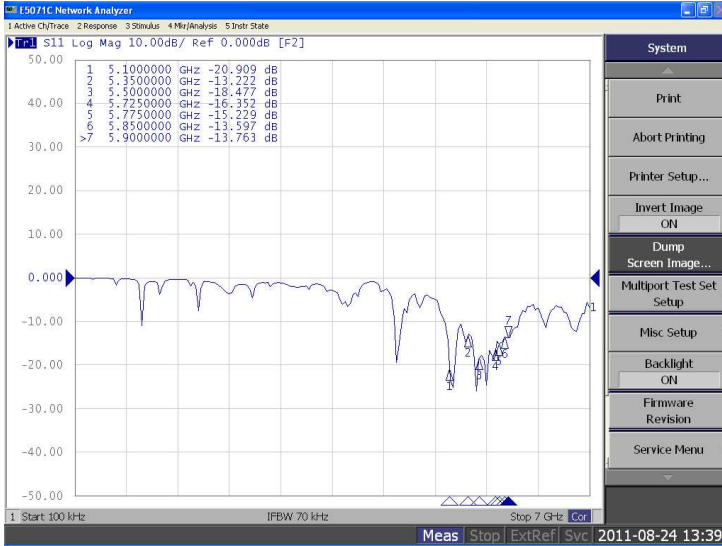
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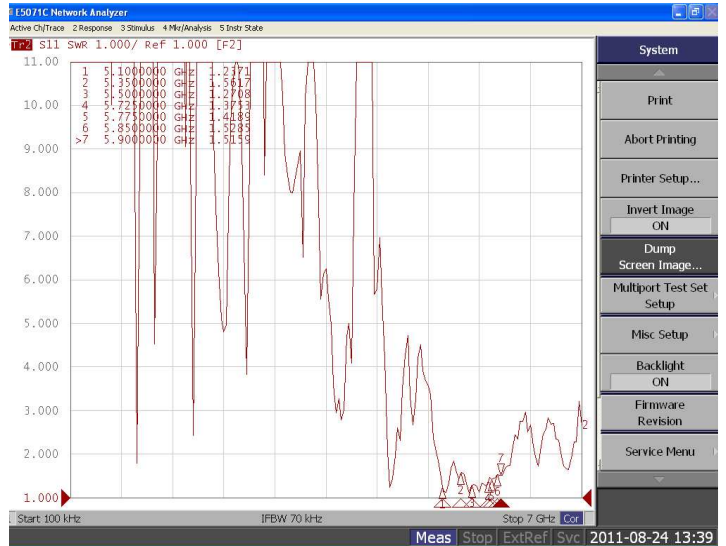
TESTING REPORT

Port 2

Return Loss

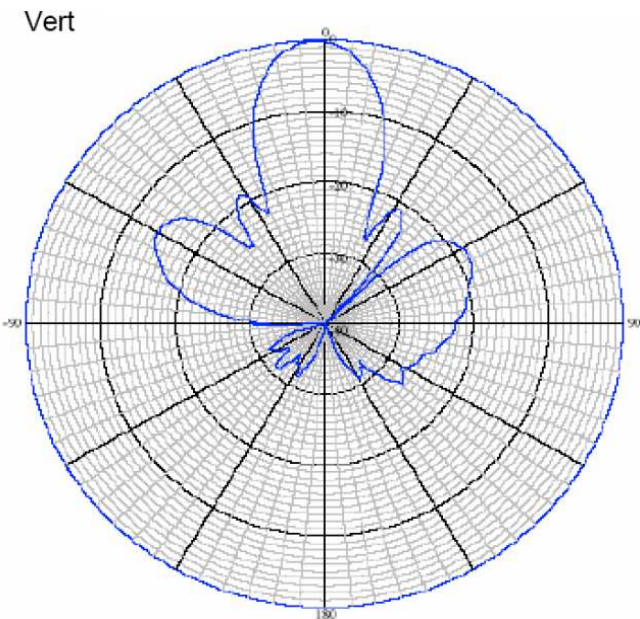


V.S.W.R

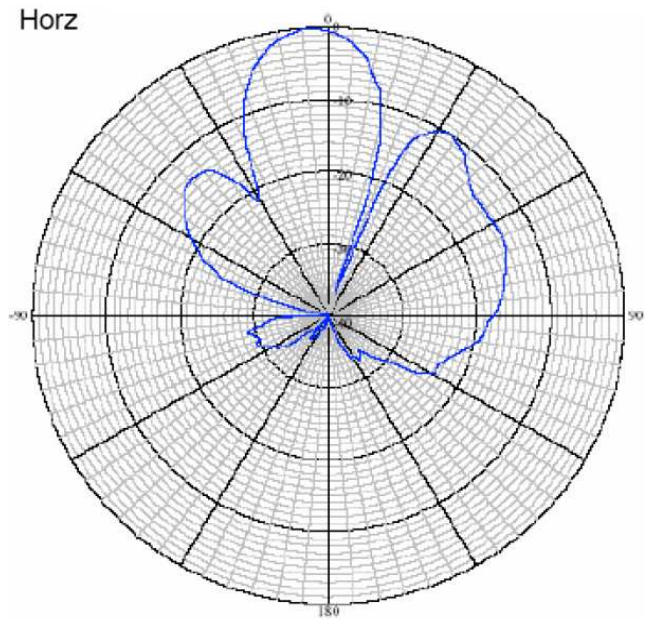


Antenna Vertical & Horizontal Pattern

Vertical



Horizontal



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