

PANEL Antenna II 5GHz 18dBi for N FEMALE  
PAII-5000-18N-F

## APPLICATIONS AND FEATURES

### Applications:

- 5100~5850 MHz ISM Band
- 18dbi Directional Multipoint applications
- Directional and multipoint 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
- Outdoor antenna for public hot-spots
- Behind and support is an aluminum
- Superior performance
- The weight is light
- RoHS Compliant

## SPECIFICATIONS:

PAII-5000-18N-F can be used in indoor and outdoor settings. PAII-5000-18N-F is made in Taiwan and comes with QC reports. The frequency is between 5.1~5.85GHz, and it is compatible with WiMax, CDMA 802.11a WiFi & 802.16 WiMax Networks. It can be mounted on an outdoor wall, or set on the desk. The small quantity order is acceptable.

### Electrical Specifications

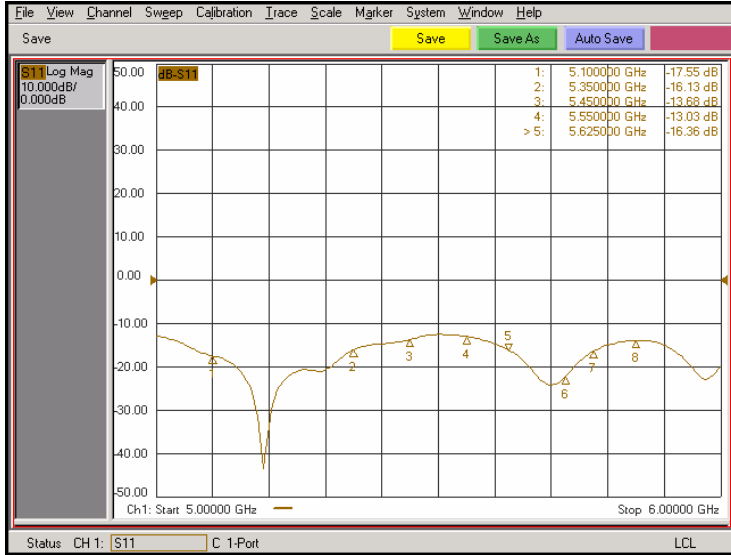
Frequency Range	5.1~5.85GHz
V.S.W.R	≤1.5
Return Loss	≤-13db
Antenna Type	PCB patch array
Gain	18dBi
Polarization	Vertical or Horizontal
Maximum Power	50W
Vertical Beam-with	22°
Horizontal Beam-with	20°
Impedance	50Ω
Connector	N-type / Female

### Mechanical Specifications

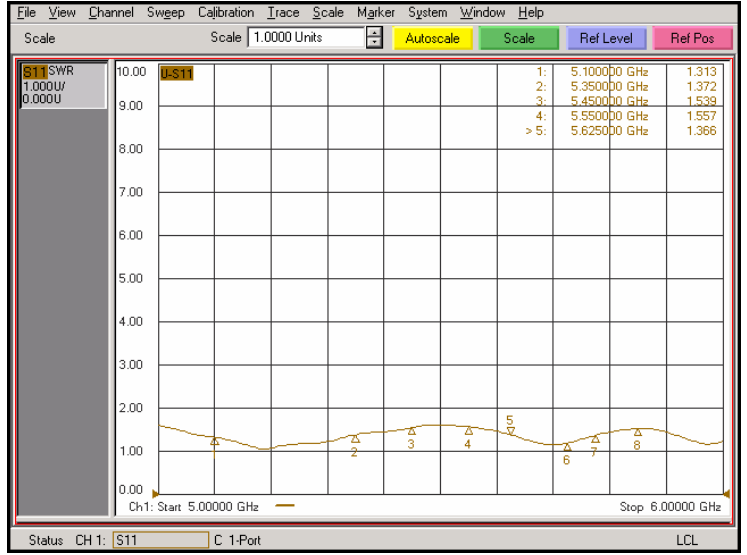
Length	239mm
Diameter	239mm
Weight	744.5g
Wind Survival	> 120 MPH
Radome Material	ABS + UV resistance
RoHS Compliant	Yes
Operating Temperature	-40°C to +80°C
Clamps	Multiple options
Mounting	Multiple options

# TESTING REPORT:

## Return Loss



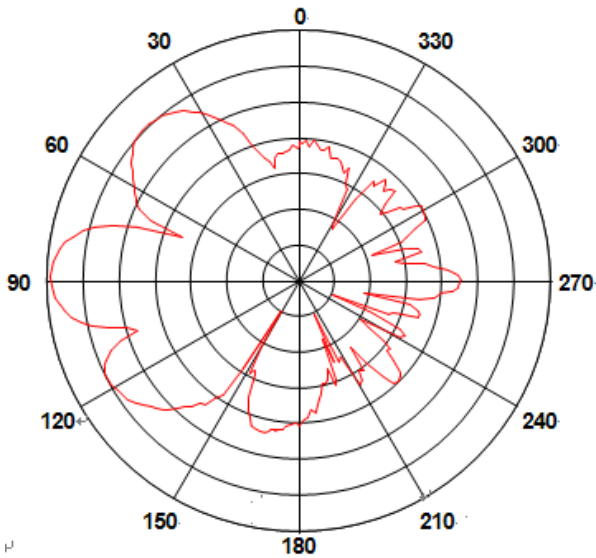
## V.S.W.R



## Antenna Vertical & Horizontal Pattern

### Vertical

#### E Plane Pattern



### Horizontal

#### H Plane Pattern

