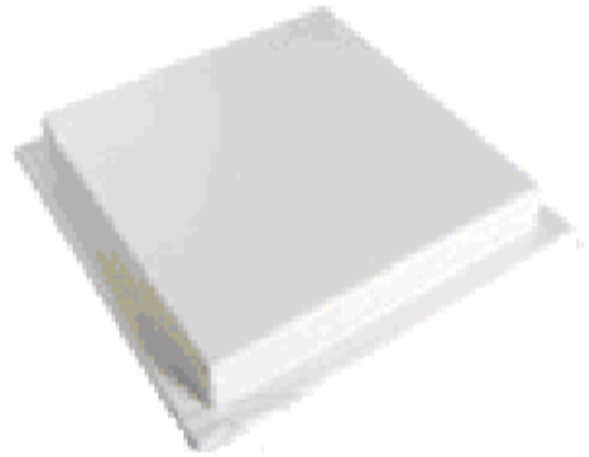


## PANEL Antenna 2.3~2.7GHz 14dBi for N FEMALE PA-2327-14N-F

### APPLICATIONS AND FEATURES

#### Applications:

- 2.3-2.7 GHz Applications
- IEEE 802.11b, 802.11g, 802.11n Wireless LAN Applications
- 802.16WiMax Networks
- Directional and multipoint applications
- Public Wireless Hotspot
- Wi-Fi WiMAX RFID
- Wireless Video Systems



#### Features :

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

### SPECIFICATIONS:

#### Electrical Specifications

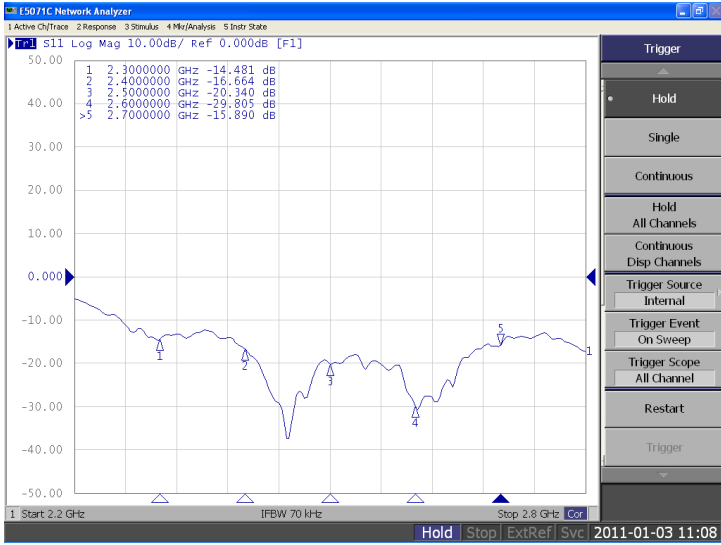
|                      |                        |
|----------------------|------------------------|
| Frequency Range      | 2300~2700 MHz          |
| V.S.W.R              | $\leq 1.5:1$           |
| Return Loss          | $\geq -14\text{db}$    |
| Antenna Type         | PCB patch              |
| Gain                 | 14dBi                  |
| Polarization         | Vertical or Horizontal |
| Maximum Power        | 50W                    |
| Vertical Beam-with   | 30°                    |
| Horizontal Beam-with | 30°                    |
| Impedance            | 50Ω                    |
| Connector            | N-Female               |

#### Mechanical Specifications

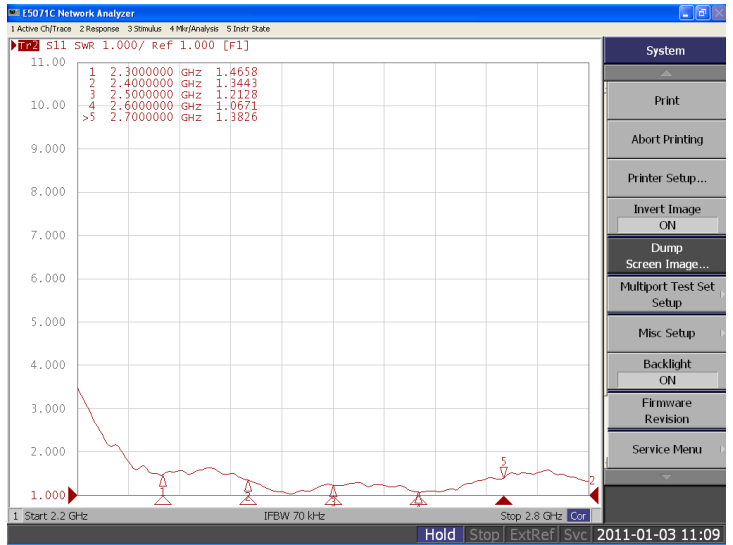
|                       |                     |
|-----------------------|---------------------|
| Size:                 | L239 x W239 xH30mm  |
| Weight                | 774.5g              |
| Wind Survival         | > 150 MPH           |
| Radome Material       | ABS + UV resistance |
| Operating Temperature | -40°C to +80°C      |
| Clamps                | U-bolt              |
| Mounting              | 86-126mm            |
| RoHS Compliant        | Yes                 |
|                       |                     |

# TESTING REPORT

## Return Loss

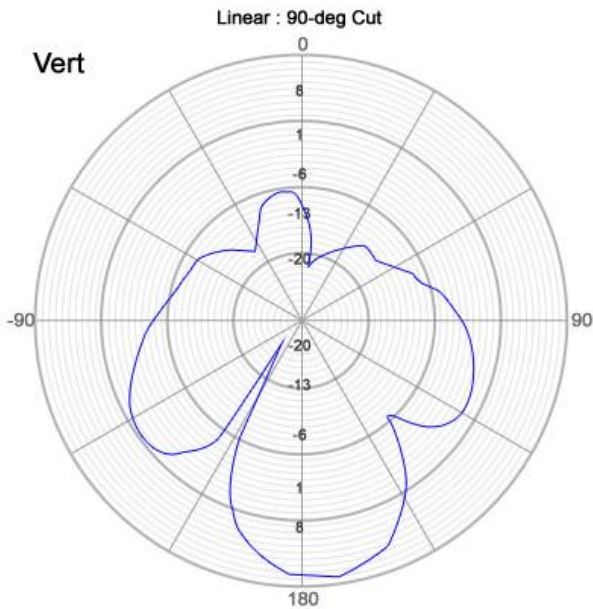


## V.S.W.R



## Antenna Vertical & Horizontal Pattern

### Vertical



### Horizontal

