

5.1GHz-5.9GHz 45~120 Deg Sectorized 12-18dBi Adjustor Directional Antenna
APPLICATIONS AND FEATURES
Applications:

- 5.1 ~ 5.9 GHz Applications
- 5.8 GHz UNII/ISM Band Application
- IEEE 802.11a
- Directional and multipoint applications
- Wi-Max, CDMA,
- Public Wireless Hotspot
- Wireless LAN systems

Features :

- Superior performance
- Light weight
- All weather operation
- DC Short lightning protection
- Installed for vertical
- Includes tilt and swivel mast mount
- Frequency Ultra-wide

SPECIFICATIONS:
Electrical Specifications

| | |
|----------------------|---------------------|
| Frequency Range | 5100 – 5900MHz |
| V.S.W.R | 1.5 |
| Return Loss | -12db |
| Antenna Type | Collinea |
| Gain | 14~18dB |
| Polarization | Vertical |
| Maximum Power | 50W |
| Vertical Beam-with | 11~15 ° |
| Horizontal Beam-with | 45~120 ° (Adjustor) |
| Impedance | 50Ω |
| Connector | N-Female |

Mechanical Specifications

| | |
|-----------------------|--------------------|
| Length | 500mm |
| Diameter | 25mm |
| Weight | 3000g |
| Wind Survival | > 150 MPH |
| Radome Material | Polymer & Metal |
| Operating Temperature | - 40 to + 80 |
| Clamps / Mounting | U-bolt / 32 – 45mm |
| Down-tilt | 0-20 degrees |
| RoHS Compliant | Yes |



The antenna includes mounting bracket and hardware for up to 2" OD masts. Made with fiberglass and comes with an integrated N Female connector.

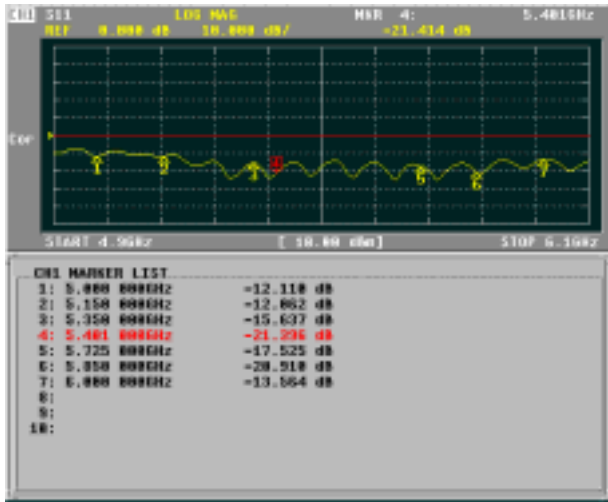
| Adjustor Fan Degree | Ad-Gain |
|---------------------|---------|
| 45 ° | 18dBi |
| 60 ° | 17dBI |
| 90 ° | 15dBI |
| 120 ° | 14dBi |

| Horizontal Degree | Vertical Degree |
|-------------------|-----------------|
| 45 ° | 11 ° |
| 60 ° | 12 ° |
| 90 ° | 13 ° |
| 120 ° | 15 ° |

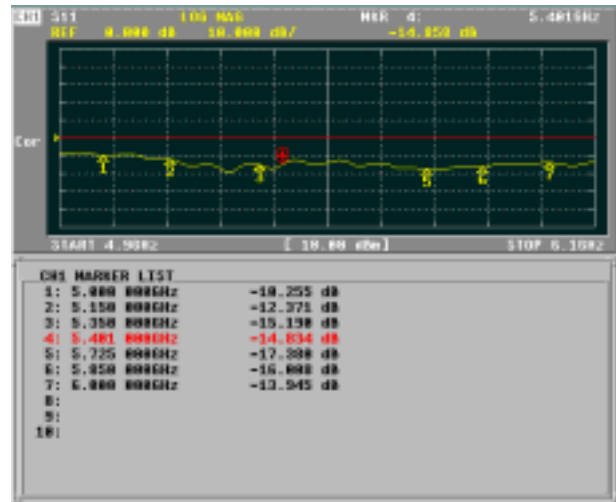
SE-515918C Test Report

Return loss

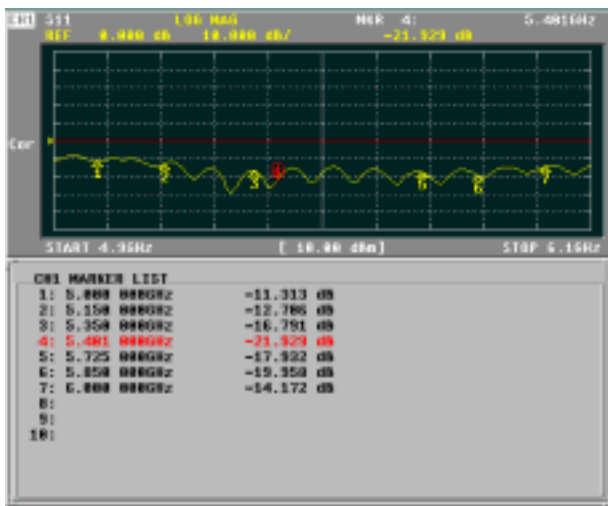
90°



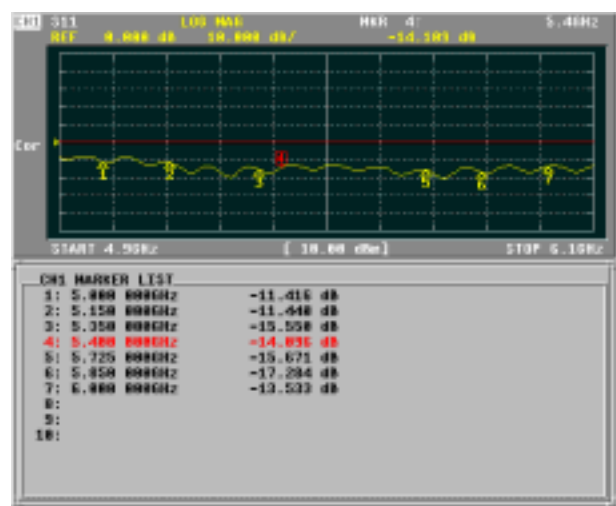
120°



150°

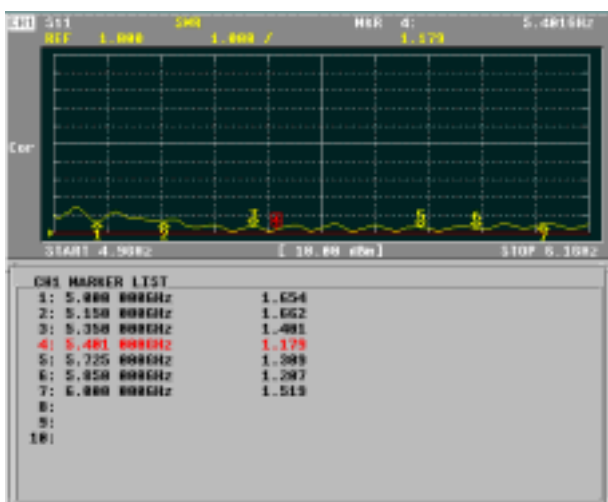


180°

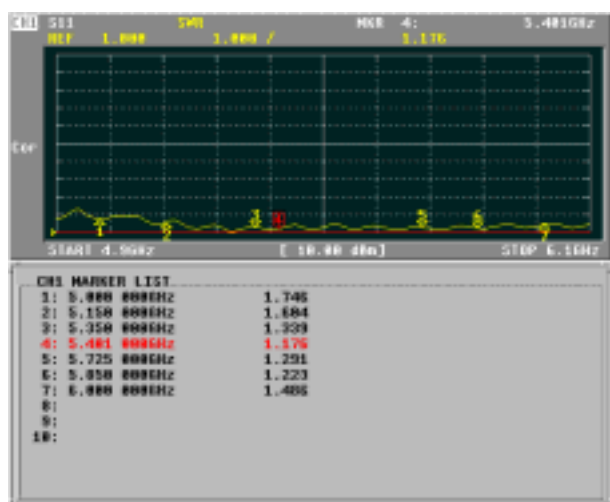


V.S.W.R

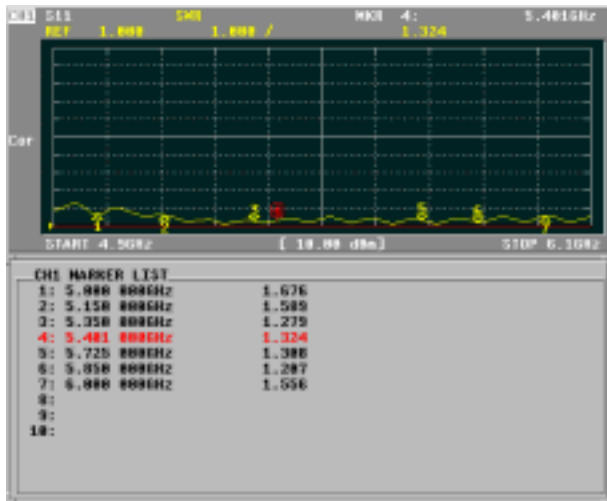
90°



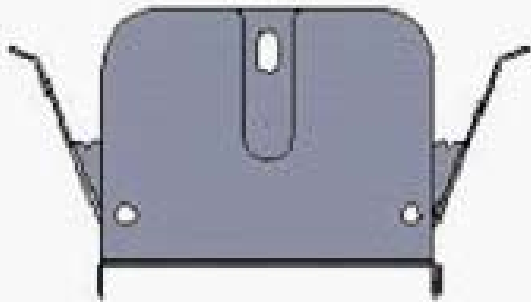
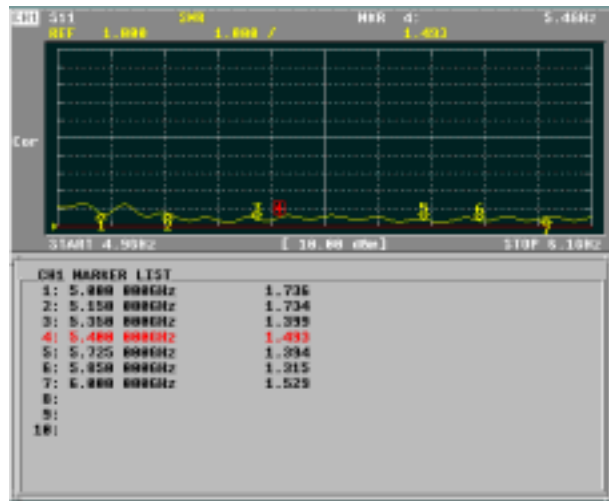
120°



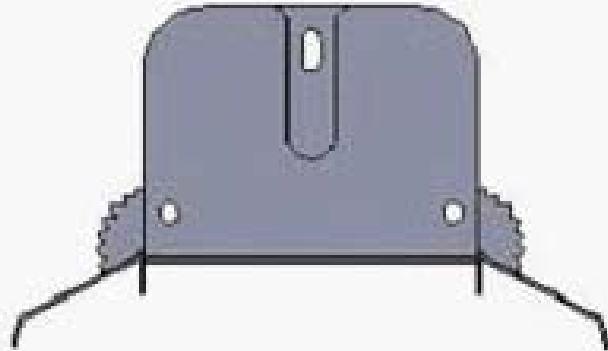
150°



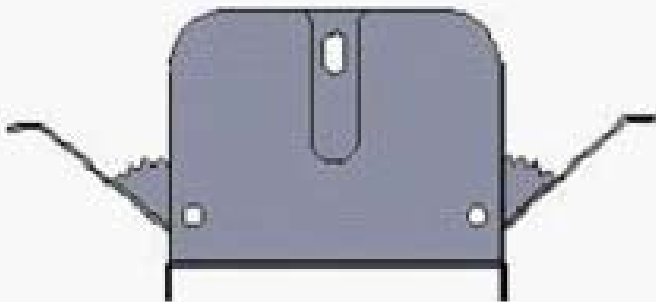
180°



Horizontal 45 Degree



Horizontal 120 Degree



Horizontal 60 Degree



Horizontal 90 Degree

FT-RF

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