

## 2.4 GHz RF Antenna with SMA Connector

**Product Number: AT2400-0101RS-2dBi**

### 1. Feature and Application

- . dipole antenna design
- . small size / high gain / omni-directional radiation pattern
- . IEEE 802.11 b / g WLAN AP (Access Point) application
- . Bluetooth / HomeRF / ISM Band and other 2.4 GHz wireless communication application

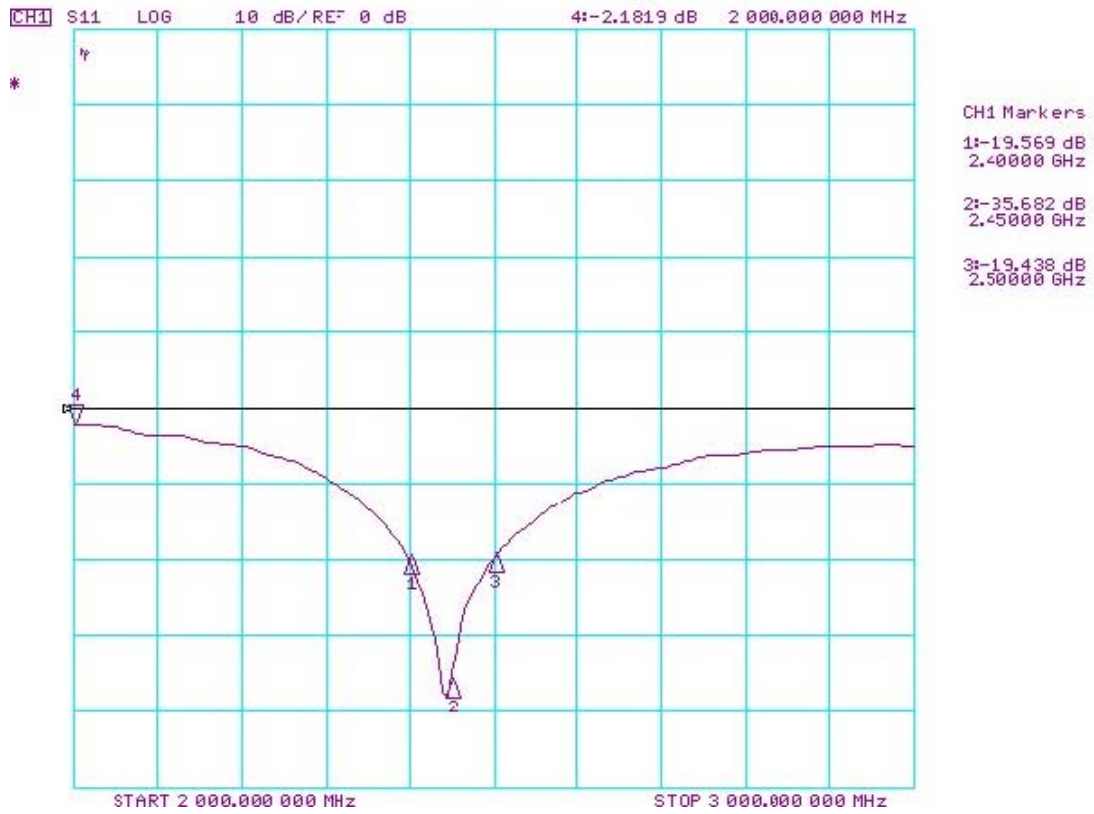
### 2. Specification

<b>1. Frequency Range</b>	<b>2400 ~ 2500 MHz</b>
<b>2. V.S.W.R.</b>	<b>&lt; 2.0</b>
<b>3. Antenna Gain</b>	<b>2.0 dBi ± 0.5dBi</b>
<b>4. Antenna Radiation Pattern</b>	<b>Omni-directional</b>
<b>5. Impedance</b>	<b>50 ohm</b>
<b>6. Color of Outer Cover</b>	<b>Black</b>
<b>7. Material of Outer Cover</b>	<b>TPE</b>
<b>8. Material of Hinge</b>	<b>PC</b>
<b>9. Operation Temperature</b>	<b>-40°C ~ + 90 °C</b>
<b>10. Storage Temperature</b>	<b>-30°C ~ + 75 °C</b>

Antenna with SMA Male Reverse Connector



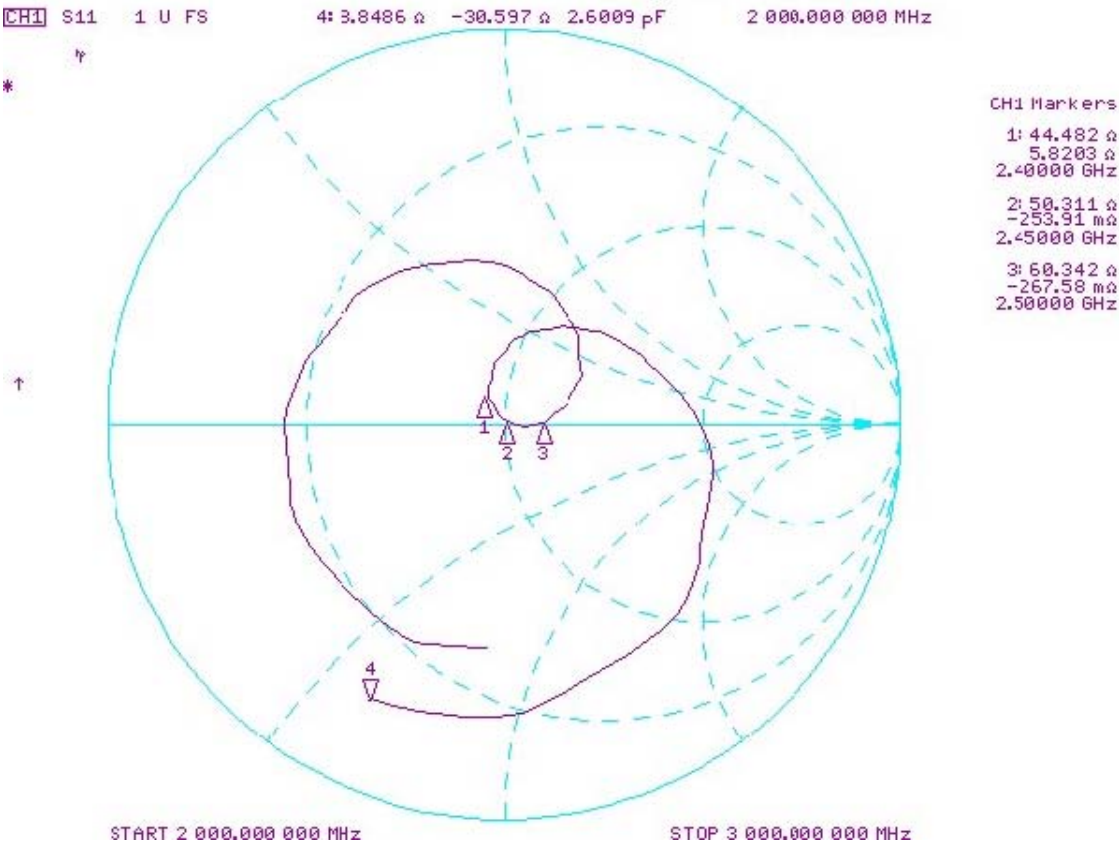
### 3. S11 Return Loss Testing Data



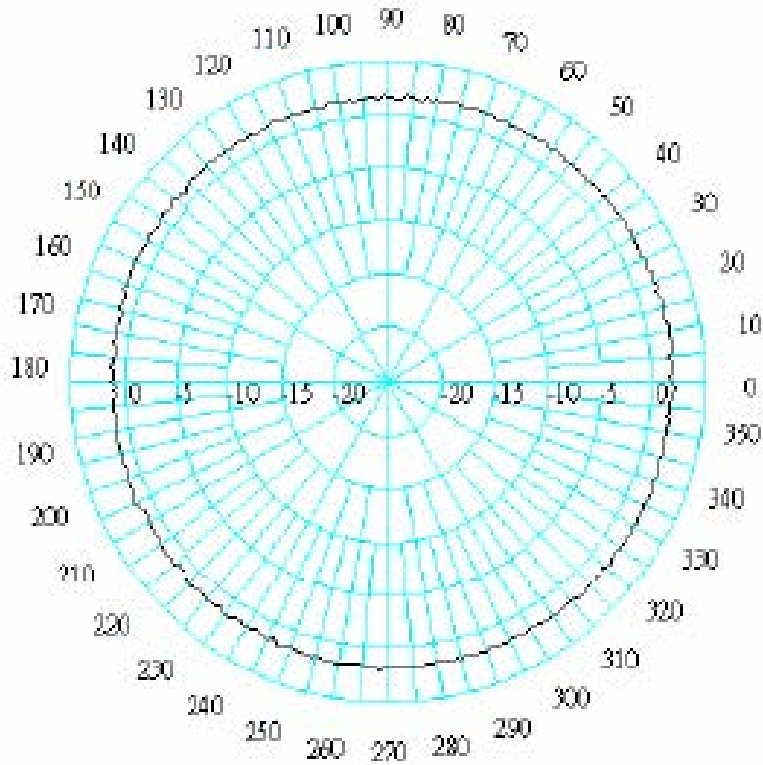
### 4. V.S.W.R Testing Data \



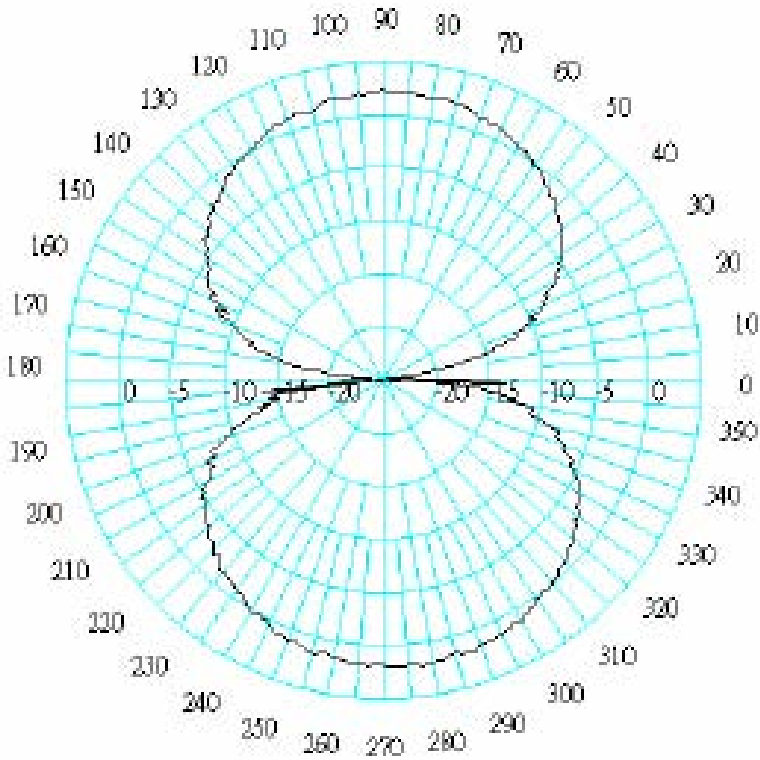
# 5. Smith Chart and Impedance Testing Data



**6. Antenna Radiation Pattern --- Horizontal Plane**



**--- Vertical Plane**



# 7. Mechanical Dimension Drawing

