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## 2.4 GHz – 2.5 GHz Dipole 2dBi Antenna for Reverse Polarity SMA

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### ORDERING INFORMATION

| Order Number | Description  |
|--------------|--|
| 001-0001     | 2.4 GHz dipole antenna for reverse polarity SMA connector. |

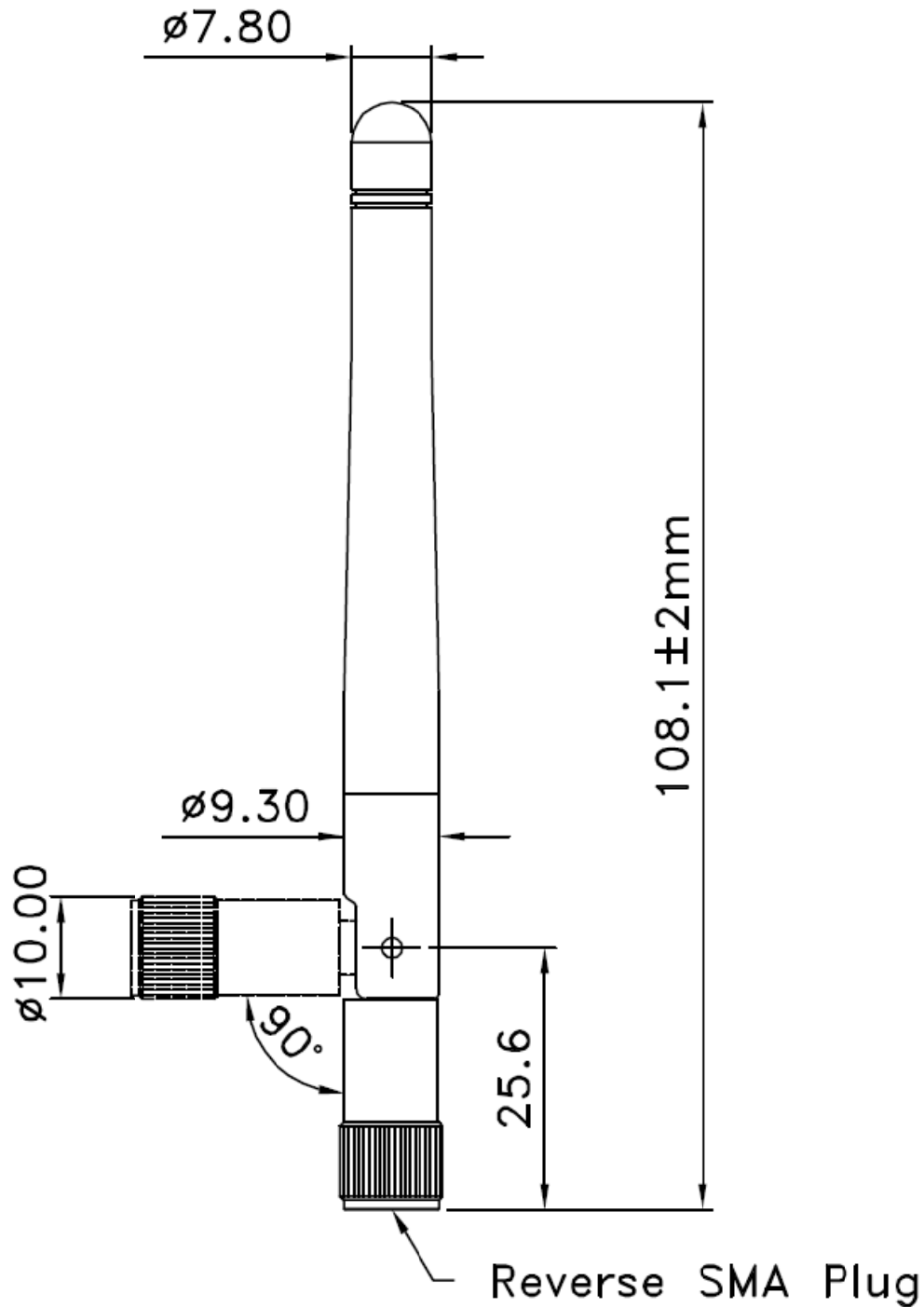
### SPECIFICATIONS

| Specification | Value             |
|---------------|-------------------|
| Gain          | +2 dBi            |
| Impedance     | 50 ohms, Nominal  |
| Type          | Dipole            |
| Polarization  | Linear Vertical   |
| VSWR          | ≤2.5 : 1, Maximum |
| Frequency     | 2400-2500MHz      |
| Weight        | 13g               |
| Size          | 105x10 mm         |
| Antenna Color | Black             |

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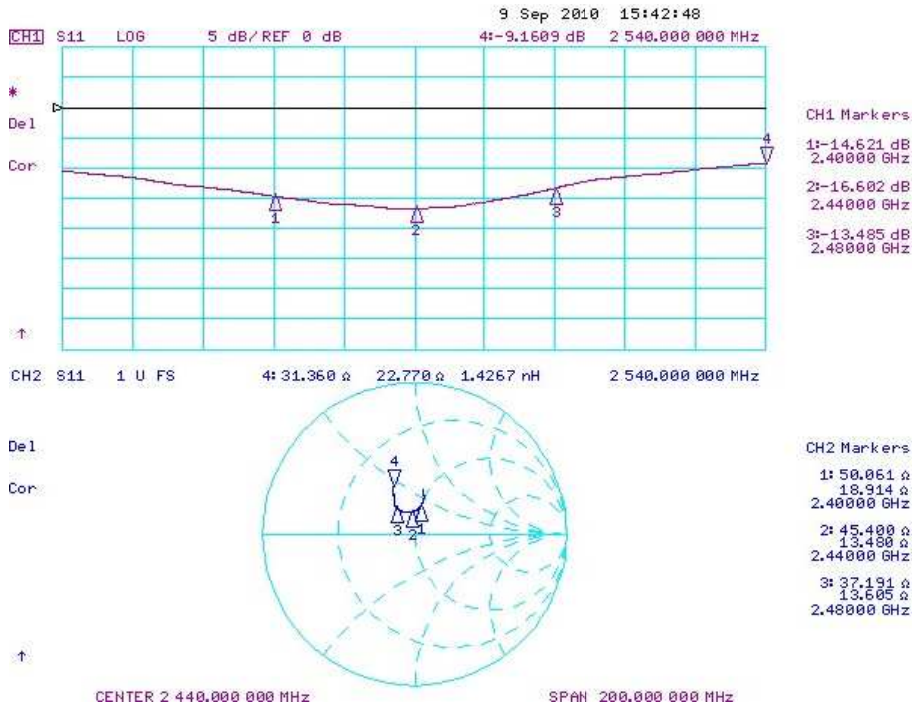
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**PHYSICAL DIMENSIONS (MM)**

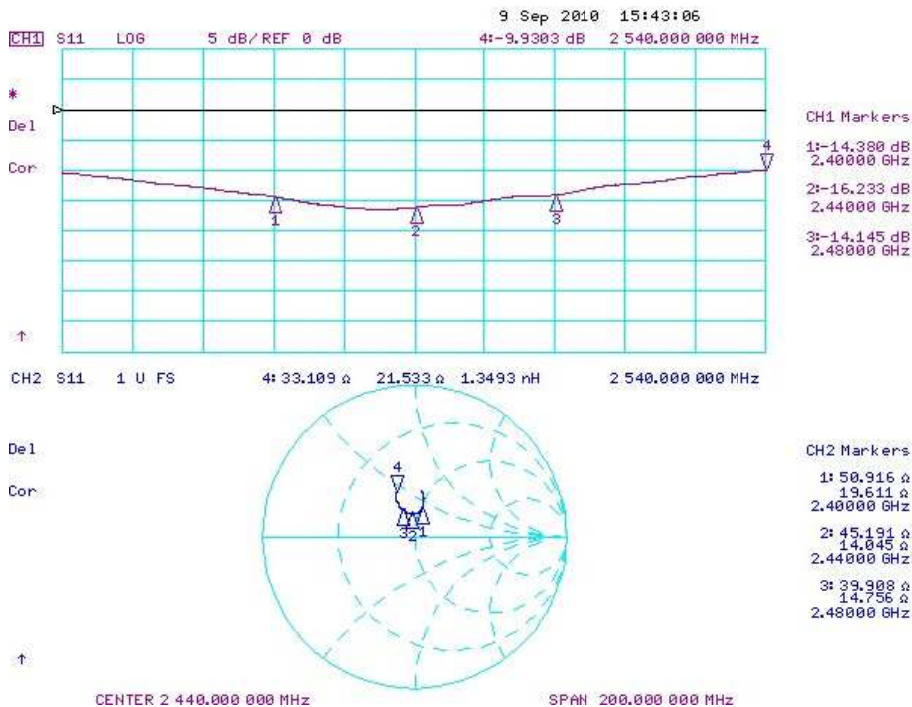


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**TYPICAL ANTENNA REFLECTION PERFORMANCE**



**Figure 1 Reflection Parameters for Extended Configuration (S11)**

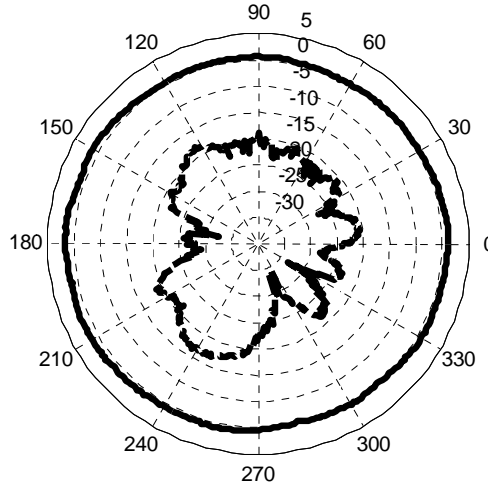


**Figure 2 Reflection Parameters for Folded Configuration (S11)**

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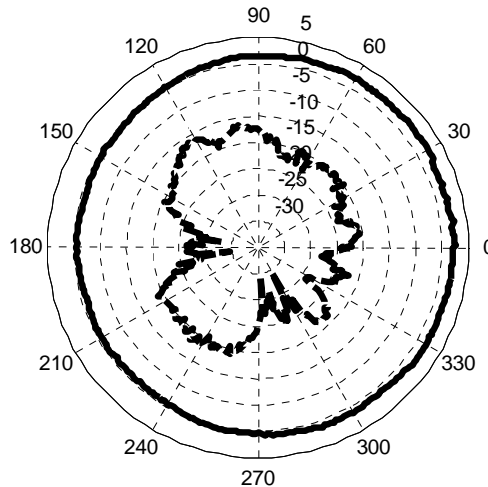
**TYPICAL ANTENNA RADIATION PERFORMANCE**

**LSR ANTENNA STRAIGHT 2405 MHz**



\_\_\_\_ Vertical Polarization Gain (dBi)  
----- Horizontal Polarization Gain (dBi) :

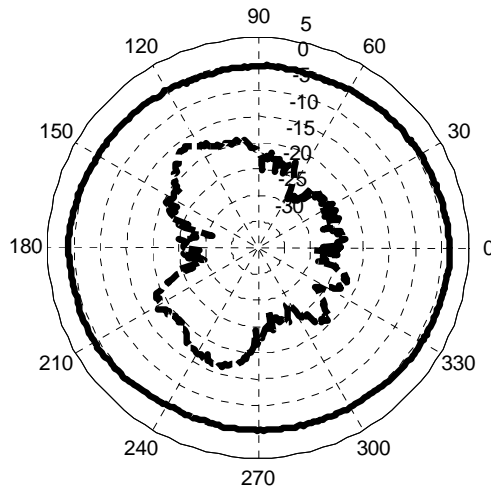
**LSR ANTENNA STRAIGHT 2440 MHz**



\_\_\_\_ Vertical Polarization Gain (dBi)  
----- Horizontal Polarization Gain (dBi) :

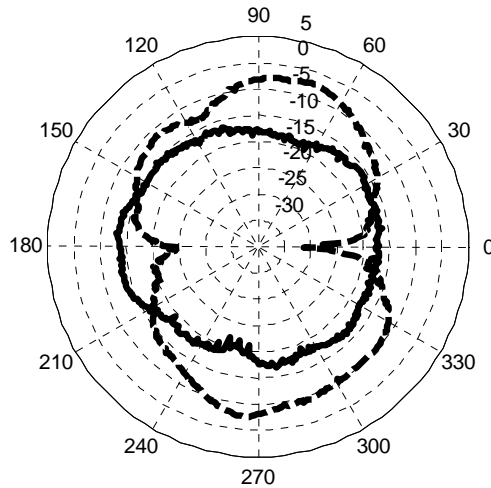
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**LSR ANTENNA STRAIGHT 2480 MHz**



\_\_\_\_ Vertical Polarization Gain (dBi) |  
----- Horizontal Polarization Gain (dBi) |

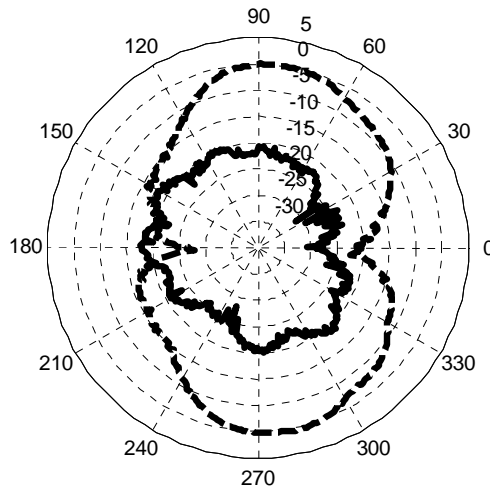
**LSR ANTENNA BENT 2405 MHz**



\_\_\_\_ Vertical Polarization Gain (dBi) |  
----- Horizontal Polarization Gain (dBi) |

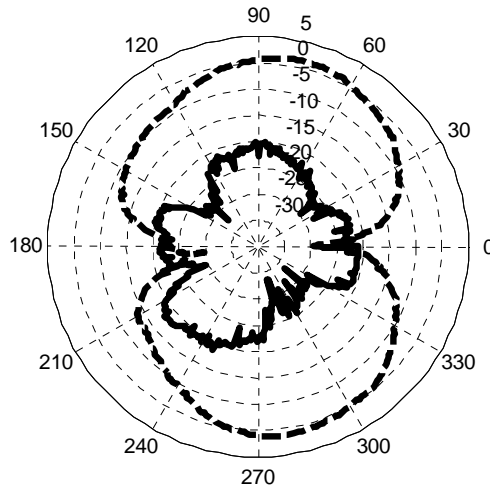
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**LSR ANTENNA BENT 2440 MHz**



\_\_\_\_ Vertical Polarization Gain (dBi)  
----- Horizontal Polarization Gain (dBi)

**LSR ANTENNA BENT 2480 MHz**



\_\_\_\_ Vertical Polarization Gain (dBi)  
----- Horizontal Polarization Gain (dBi)

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