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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.

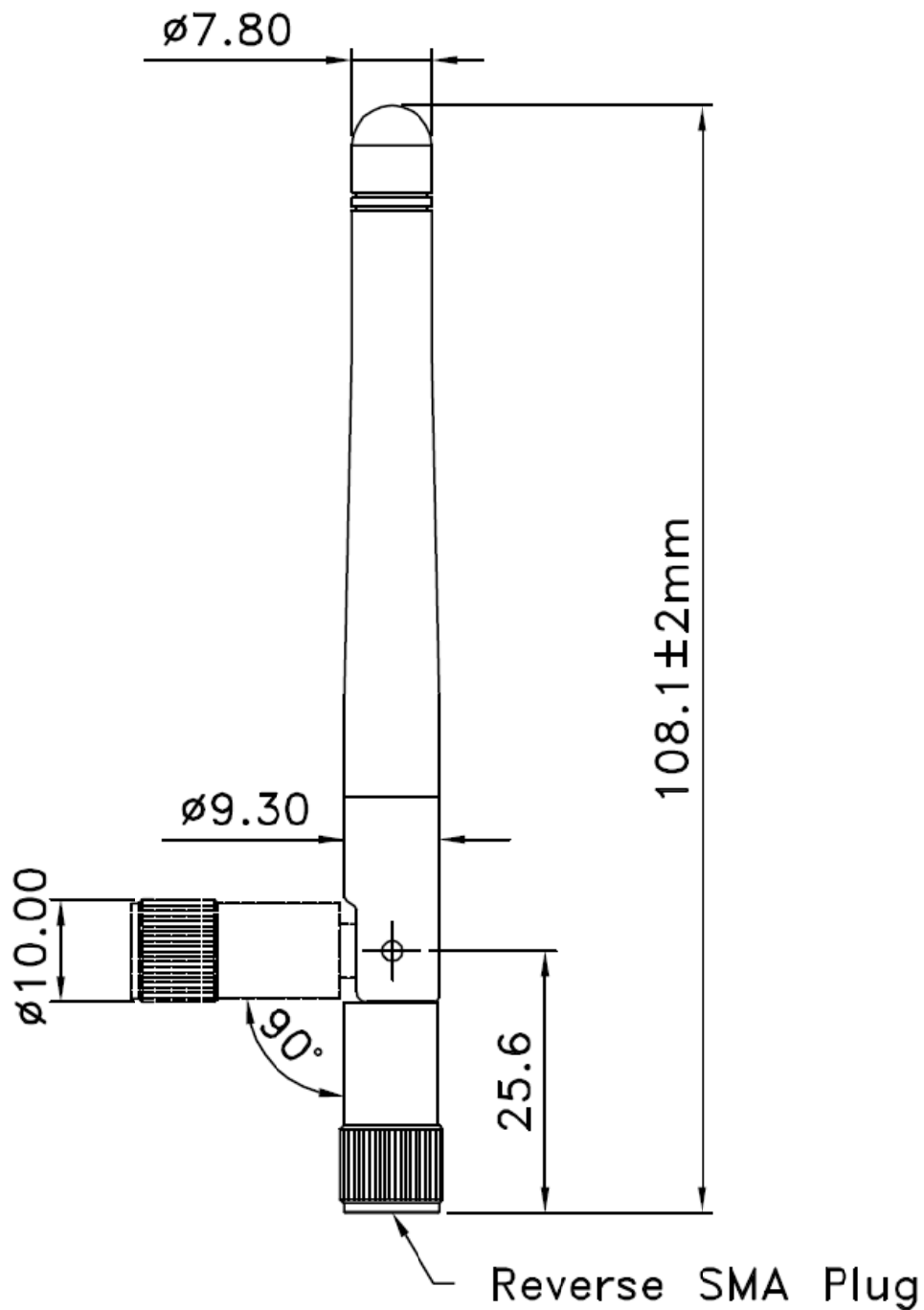
### SPECIFICATIONS

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	105×10 mm
Antenna Color	Black

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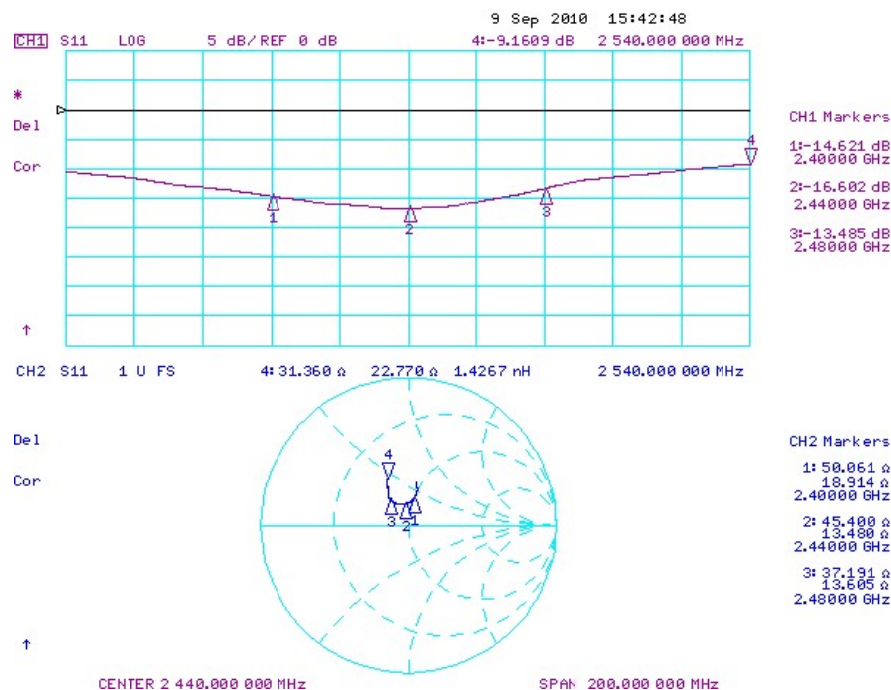
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**PHYSICAL DIMENSIONS (MM)**

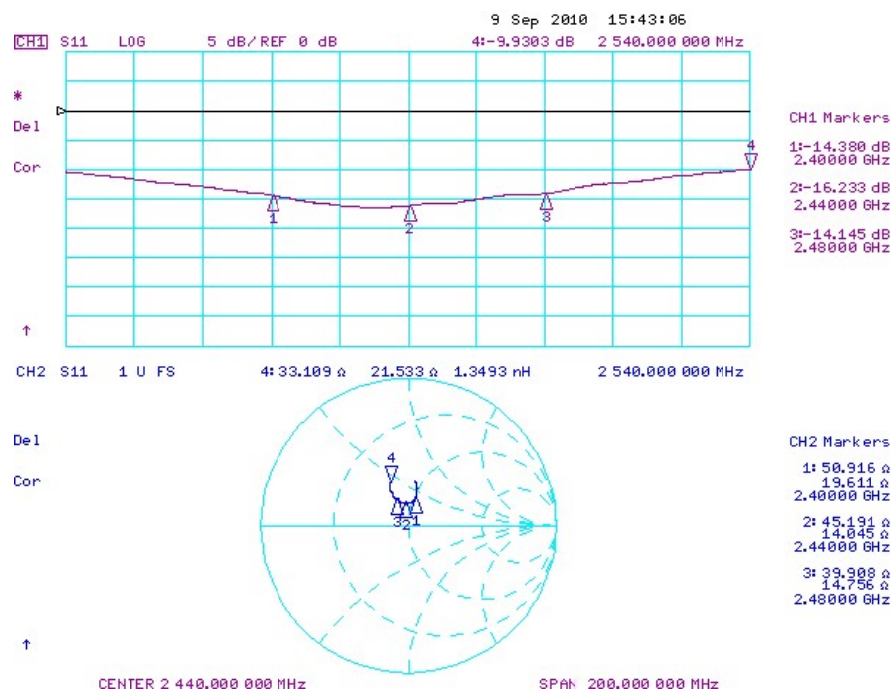


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## TYPICAL ANTENNA REFLECTION PERFORMANCE



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

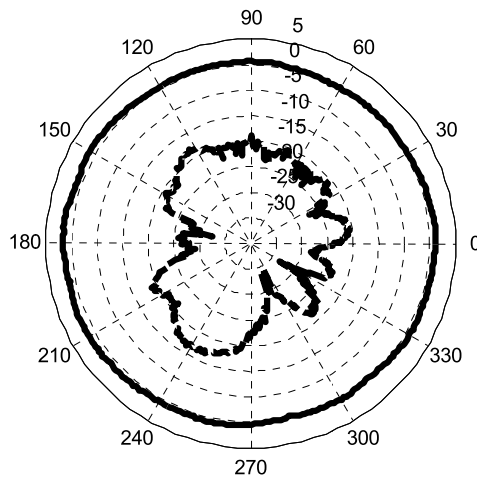


**Figure 2 Reflection Parameters for Folded Configuration (S11)**

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## TYPICAL ANTENNA RADIATION PERFORMANCE

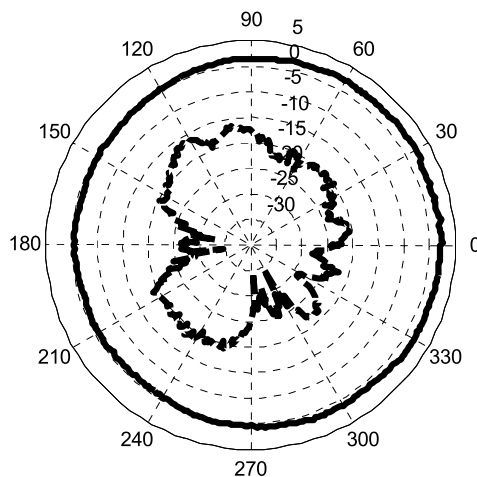
### LSR ANTENNA STRAIGHT 2405 MHz



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

----- Horizontal Polarization Gain (dBi)

### LSR ANTENNA STRAIGHT 2440 MHz

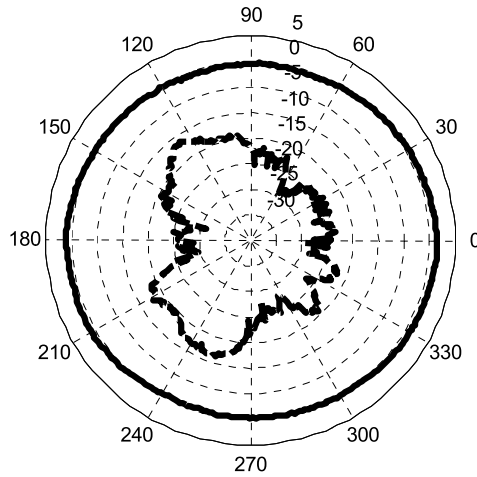


\_\_\_\_ Vertical Polarization Gain (dBi)

----- Horizontal Polarization Gain (dBi)

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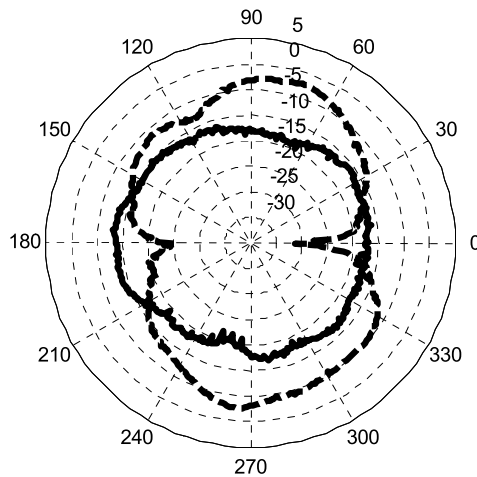
## LSR ANTENNA STRAIGHT 2480 MHz



— Vertical Polarization Gain (dBi)

----- Horizontal Polarization Gain (dBi)

## LSR ANTENNA BENT 2405 MHz

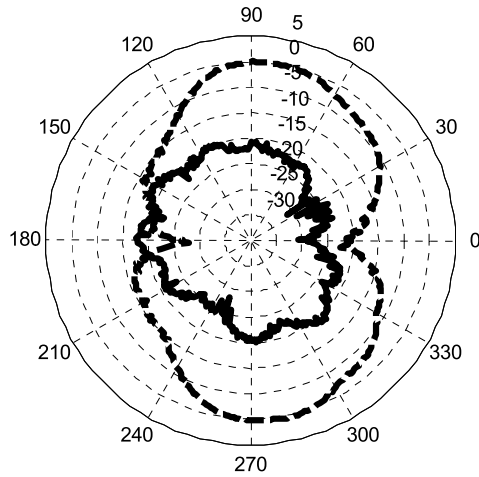


— Vertical Polarization Gain (dBi)

----- Horizontal Polarization Gain (dBi)

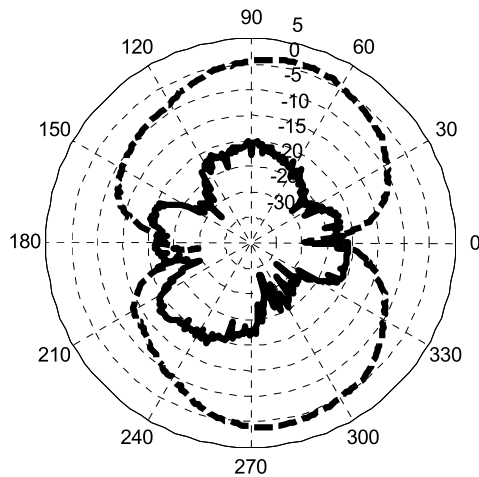
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## LSR ANTENNA BENT 2440 MHz



— 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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