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**902 MHz – 928 MHz Waterproof Dipole 2 dBi Antenna, IP67**

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**ORDERING INFORMATION**

Order Number	Description
<b>001-0011</b>	900 MHz Waterproof Dipole Antenna for Reverse Polarity SMA Connector, IP67
<b>080-0013</b>	U.FL to Reverse Polarity SMA Cable, 105mm, O-Ring Seal
<b>080-0014</b>	U.FL to Reverse Polarity SMA Cable, 210mm, O-Ring Seal

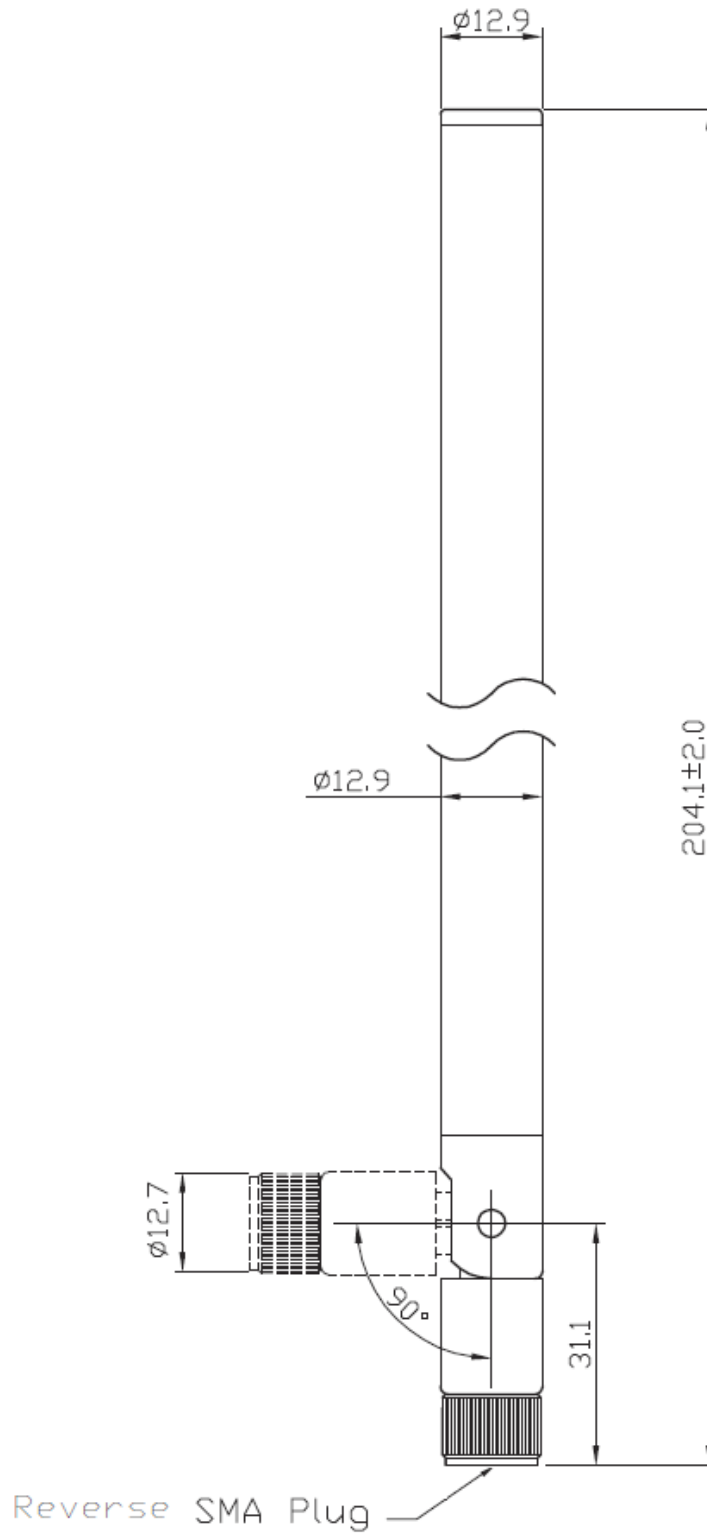
**Table 1 Orderable Part Numbers**

### SPECIFICATIONS

Specification	Value
Gain	+2 dBi
Impedance	50 ohms
Type	Dipole
Polarization	Linear Vertical
VSWR	$\leq 2.5 : 1$
Frequency	902 - 928 MHz centered at 915 MHz
Weight	29g
Size	204 mm x 13 mm
Antenna Color	Black
Operating Temp	-40°C to +85°C
UL Rating	UL 94HB

**Table 2 Specifications**

**PHYSICAL DIMENSIONS (MM)**



**Figure 1 Physical Dimensions**

### TYPICAL ANTENNA REFLECTION PERFORMANCE

#### Straight Antenna Position

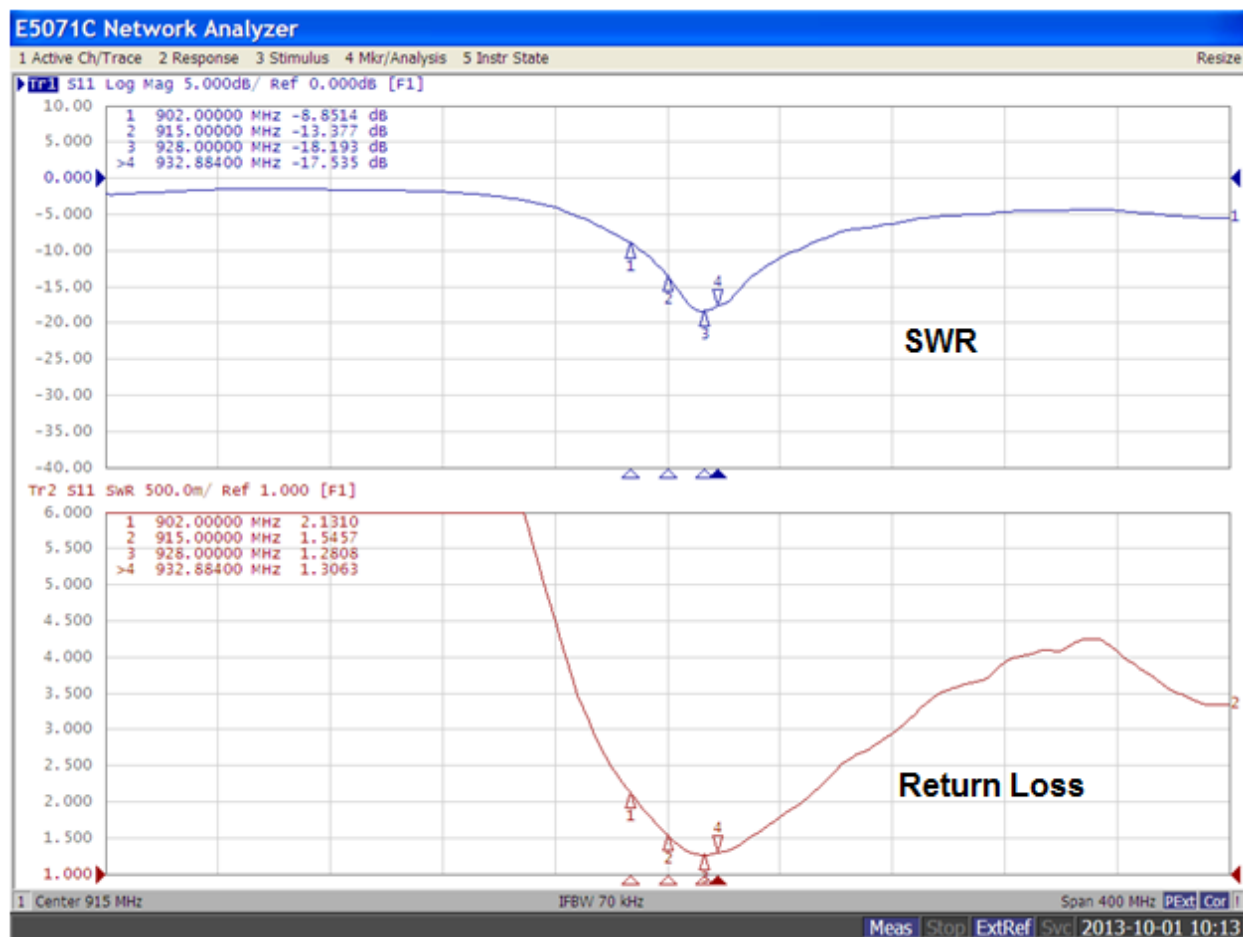


Figure 2 Typical Straight Position Reflection Performance

## Bent Antenna Position

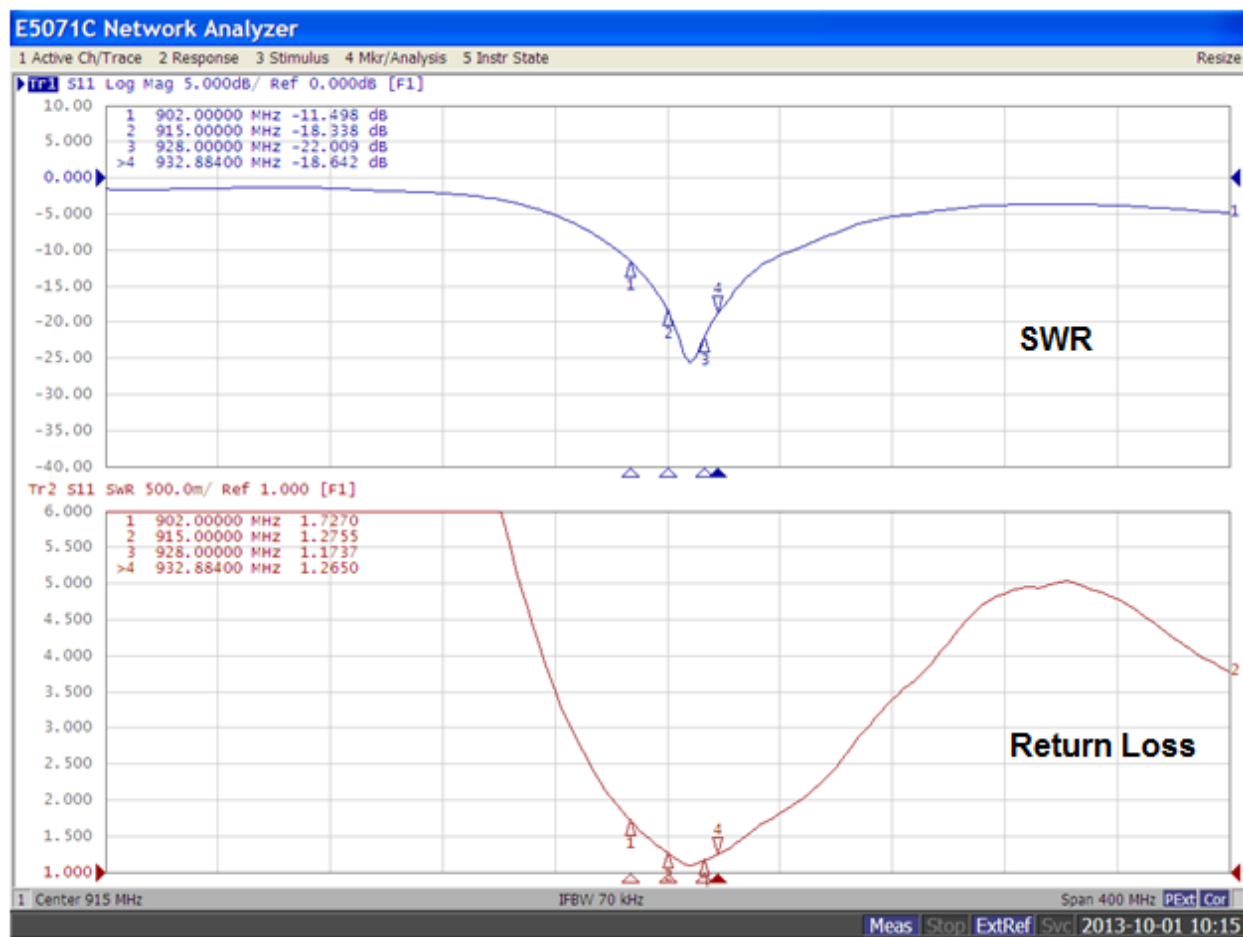
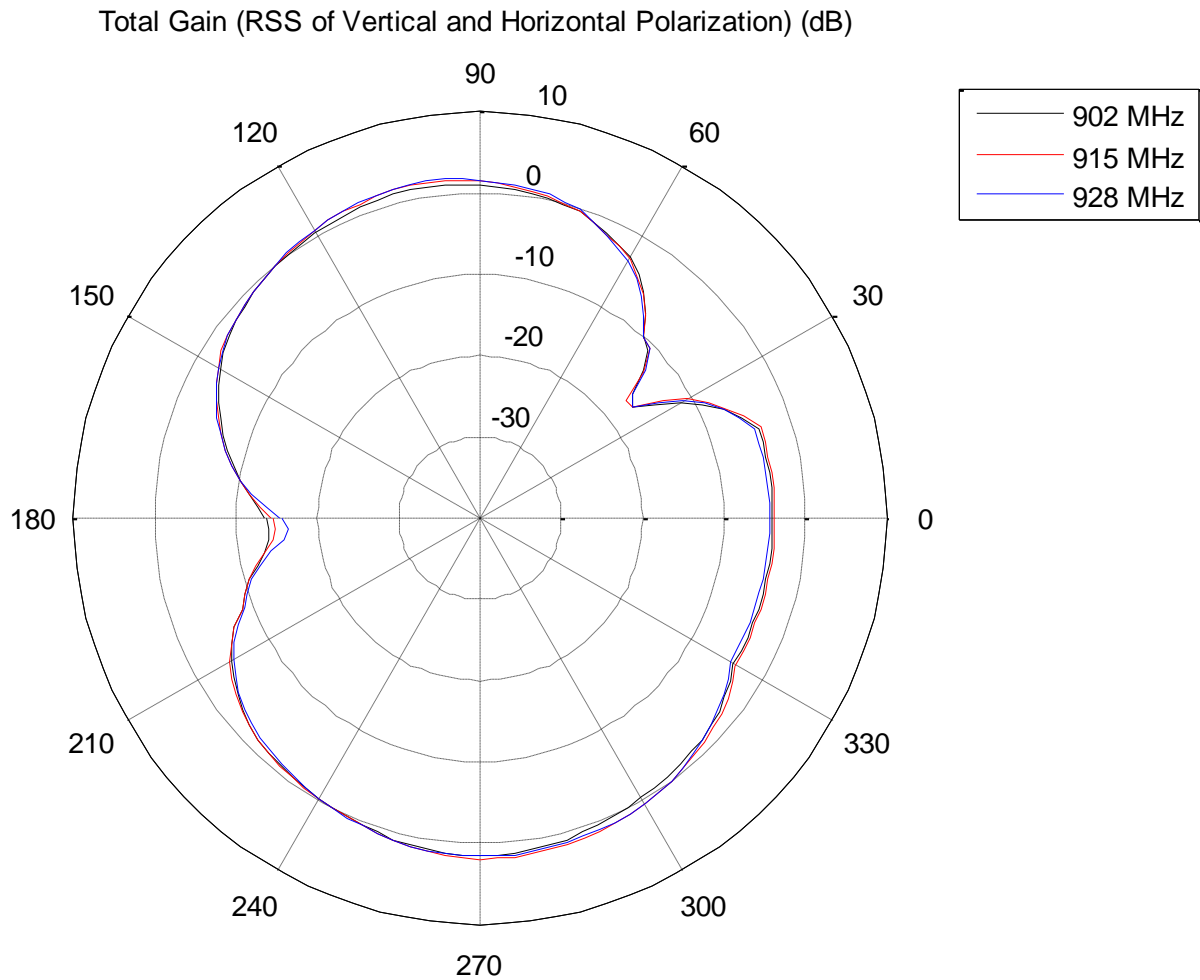
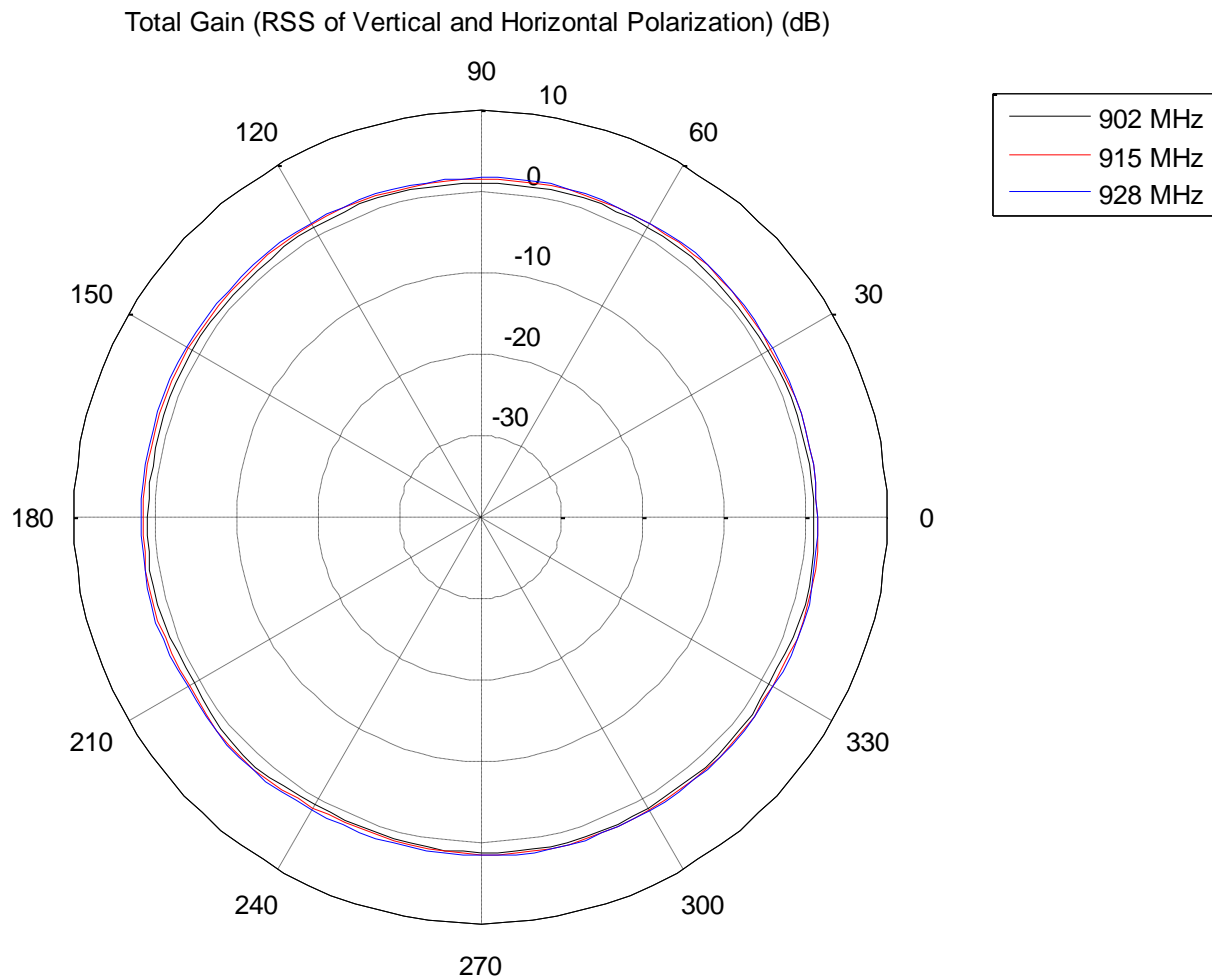


Figure 3 Typical Bent Position Reflection Performance

**TYPICAL ANTENNA RADIATION PERFORMANCE**



**Figure 4 Typical E-Plane Performance**



**Figure 5 Typical H-Plane Performance**

### CONTACTING LS RESEARCH

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