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## 2.4 GHz – 2.5 GHz Waterproof Dipole 2 dBi Antenna, IP67

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### ORDERING INFORMATION

| Order Number    | Description  |
|-----------------|--|
| <b>001-0010</b> | 2.4 GHz 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                     |

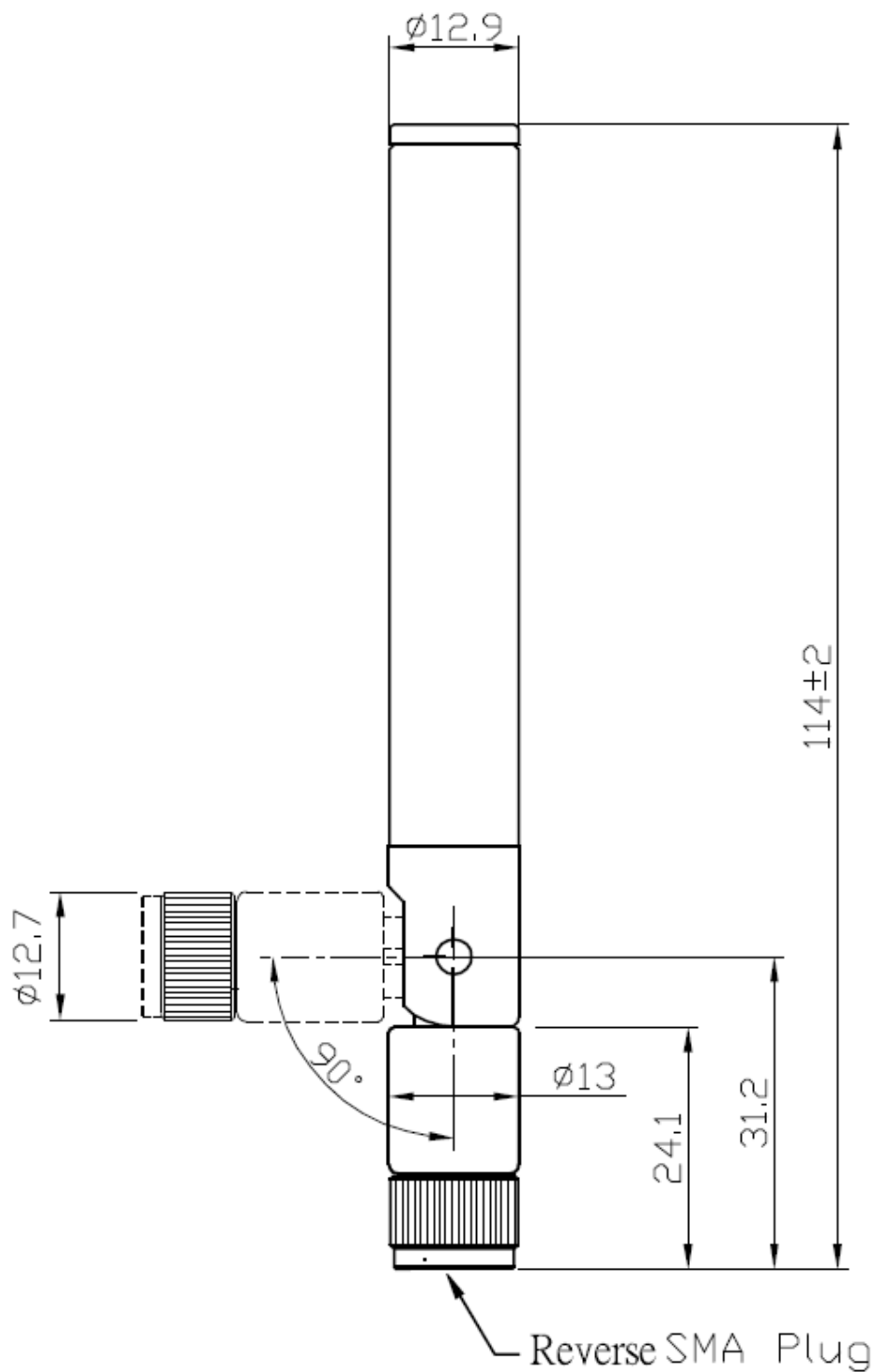
**Table 1 Orderable Part Numbers**

### SPECIFICATIONS

| Specification  | Value           |
|----------------|-----------------|
| Gain           | +2 dBi          |
| Impedance      | 50 ohms         |
| Type           | Dipole          |
| Polarization   | Linear Vertical |
| VSWR           | $\leq 2.5 : 1$  |
| Frequency      | 2400 – 2500 MHz |
| Weight         | 18g             |
| Size           | 114 mm × 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

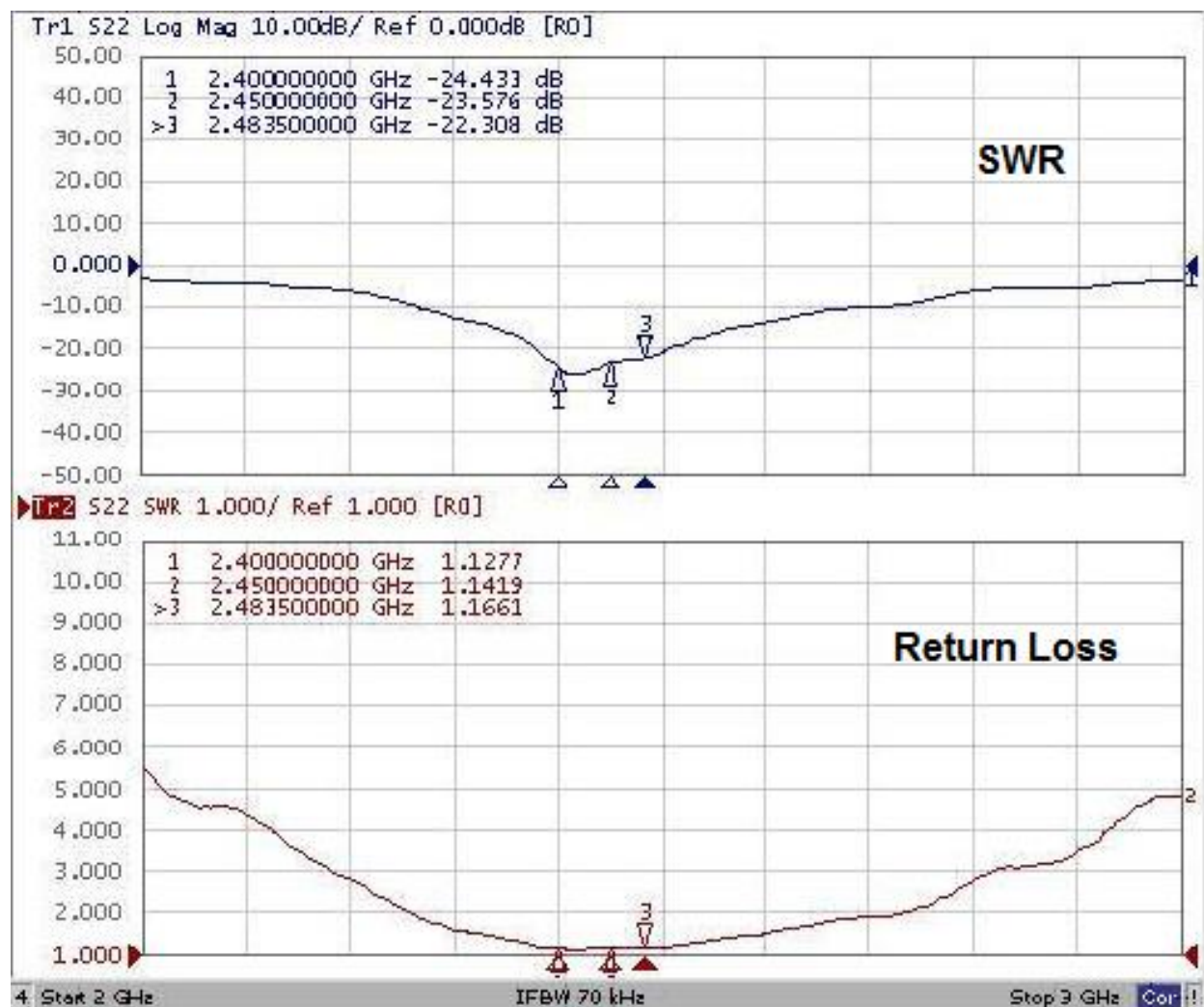
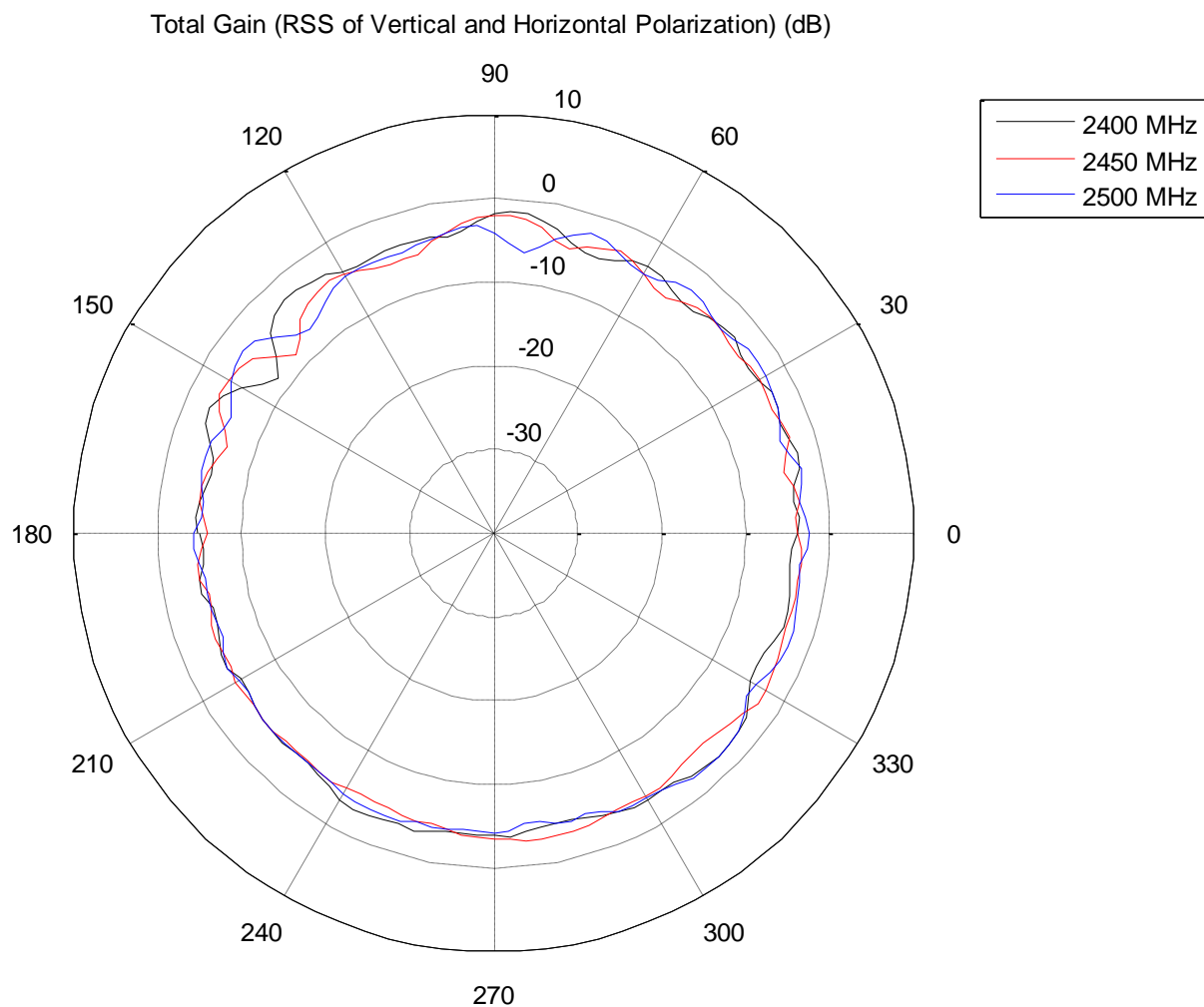
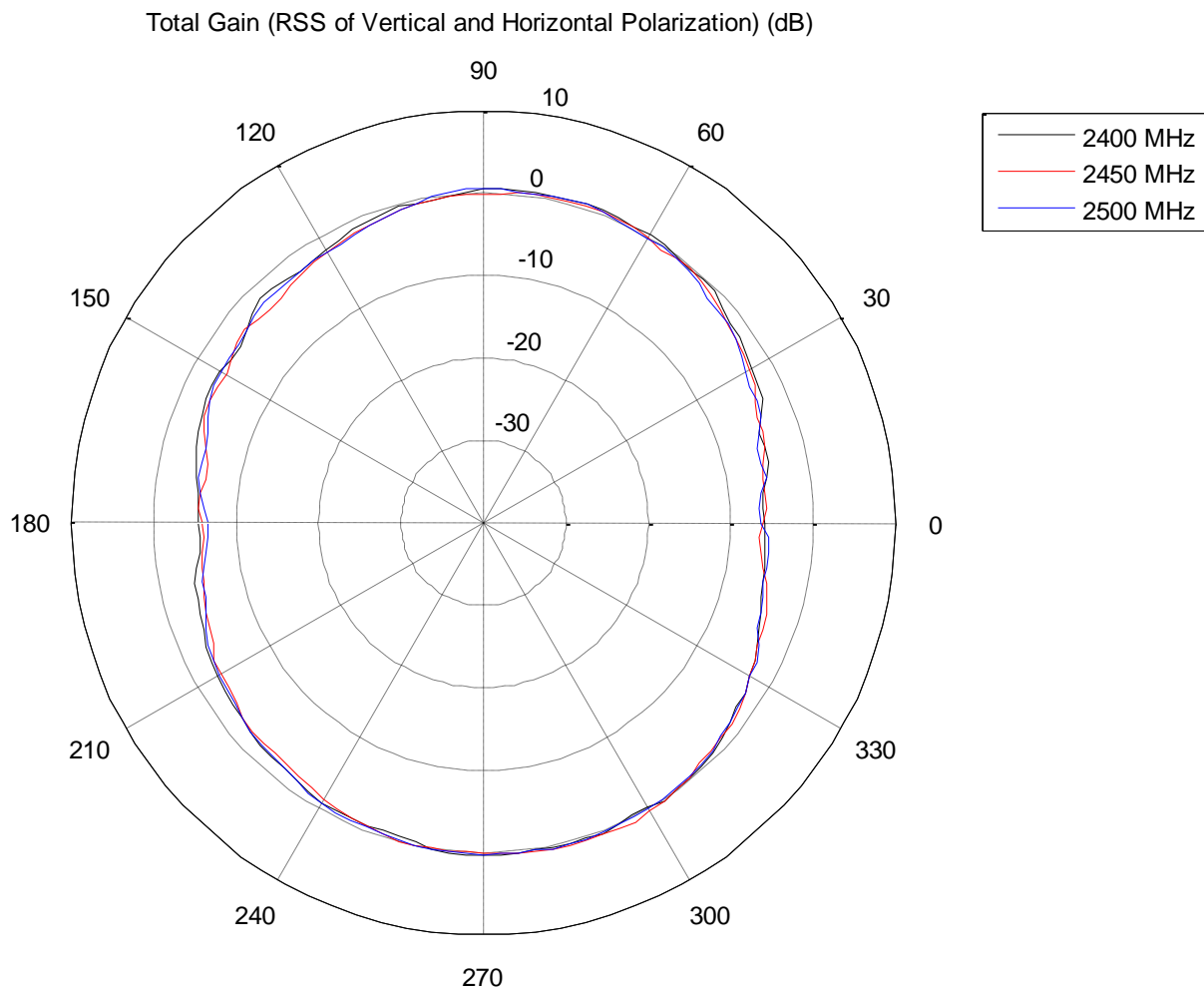


Figure 2 Typical Antenna Reflection Performance

### TYPICAL ANTENNA RADIATION PERFORMANCE



**Figure 3 Typical E-Plane Antenna Radiation Performance**



**Figure 4 Typical H-Plane Antenna Radiation Performance**

### CONTACTING LSR RESEARCH

|                          |  |
|--------------------------|--|
| <b>Headquarters</b>      | LS Research, LLC<br>W66 N220 Commerce Court<br>Cedarburg, WI 53012-2636<br>USA<br>Tel: 1(262) 375-4400<br>Fax: 1(262) 375-4248 |
| <b>Website</b>           | <a href="http://www.lsr.com">www.lsr.com</a>   |
| <b>Wiki</b>              | <a href="http://www.lsr.com/products-wiki">www.lsr.com/products-wiki</a>   |
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| <b>Sales Contact</b>     | <a href="mailto:sales@lsr.com">sales@lsr.com</a>   |

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