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



ORDERING INFORMATION

| Order Number | Description |
|-----------------|--|
| 001-0010 | 2.4 GHz Waterproof Dipole Antenna for Reverse Polarity SMA Connector, IP67 |
| 080-0013 | U.FL to Reverse Polarity SMA Cable, 105mm, O-Ring Seal |
| 080-0014 | 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 x 13 mm |
| Antenna Color | Black |
| Operating Temp | -40°C to +85°C |

Table 2 Specifications

PHYSICAL DIMENSIONS (MM)

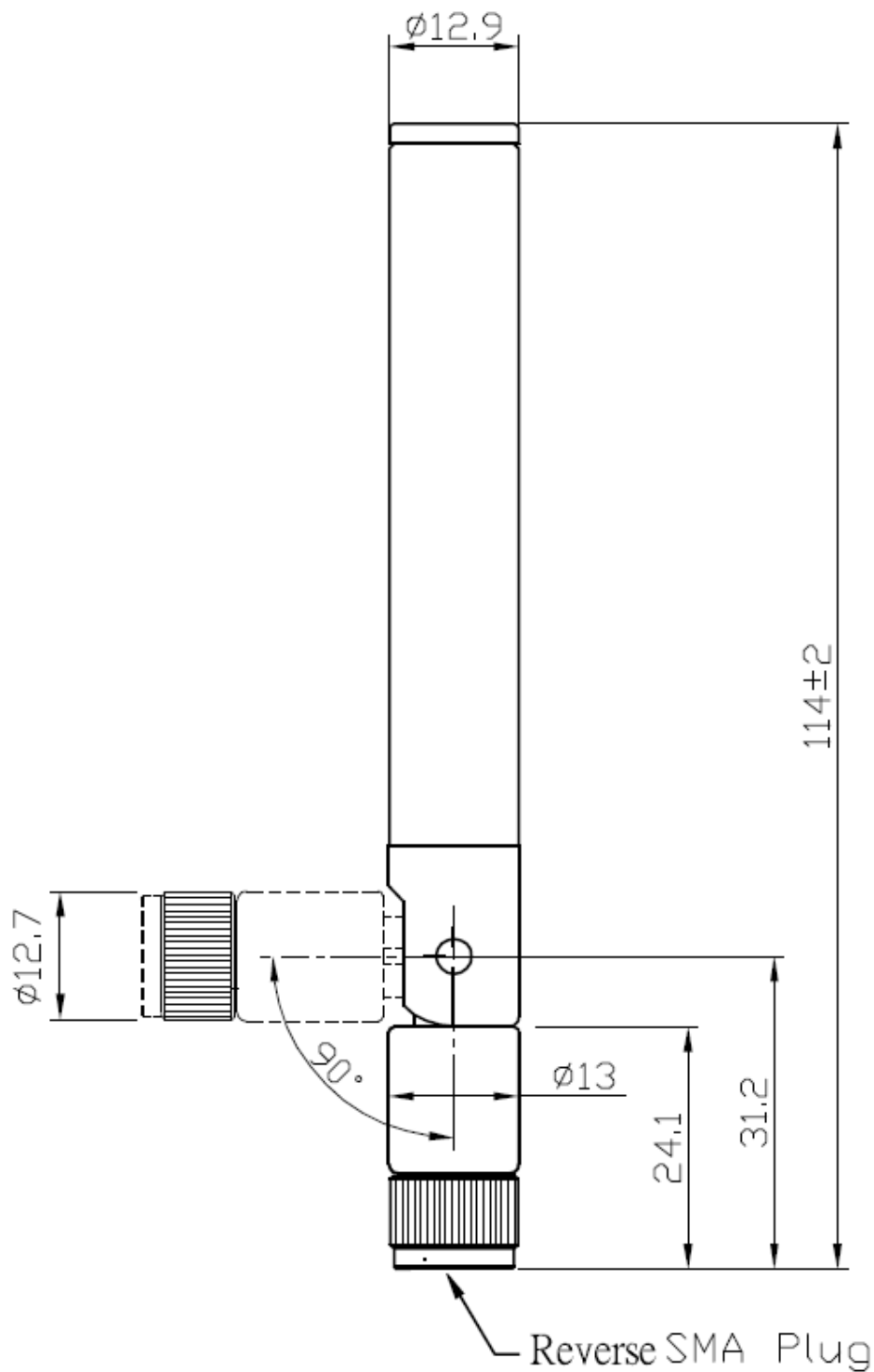


Figure 1 Physical Dimensions



TYPICAL ANTENNA REFLECTION PERFORMANCE

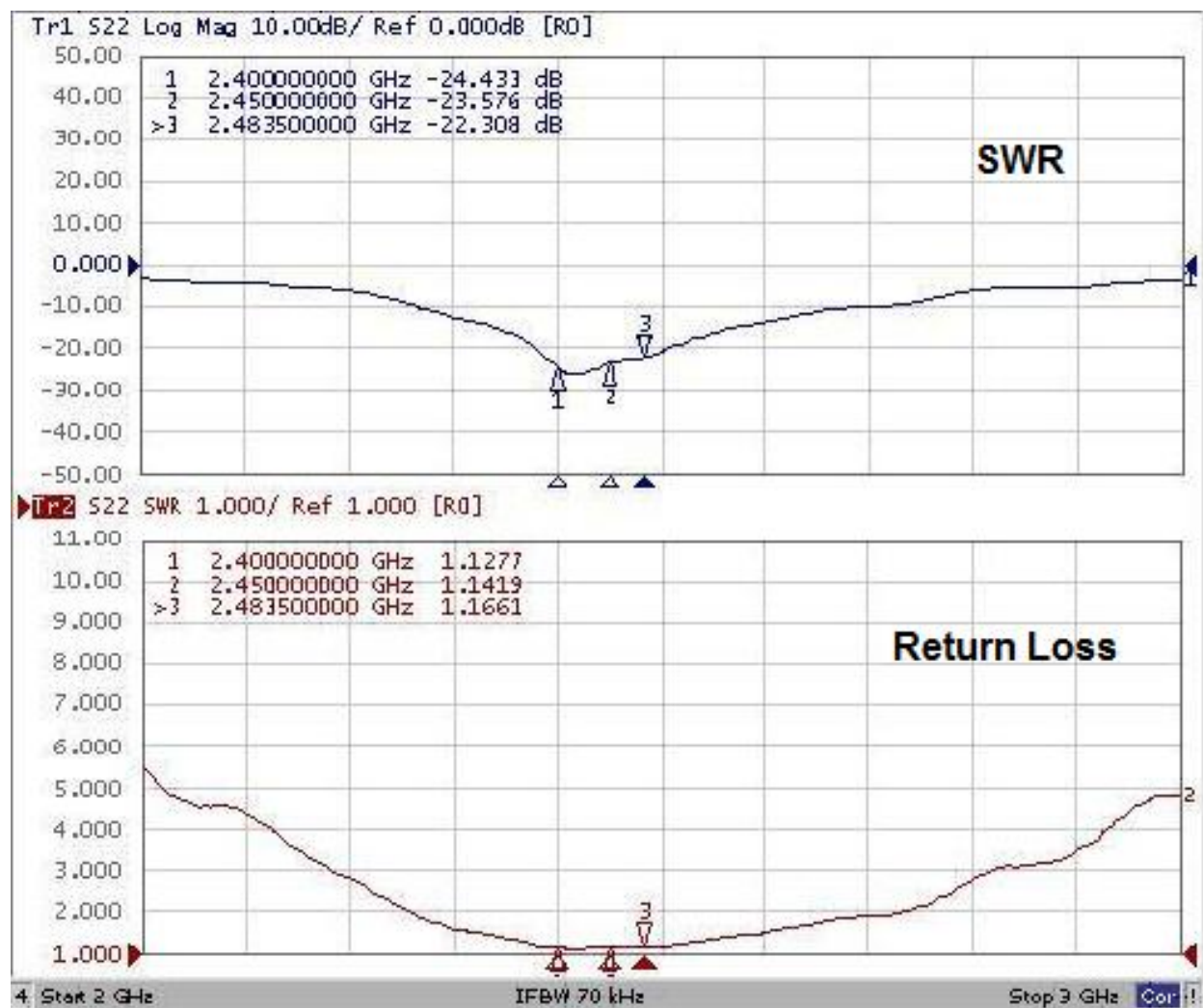


Figure 2 Typical Antenna Reflection Performance

TYPICAL ANTENNA RADIATION PERFORMANCE

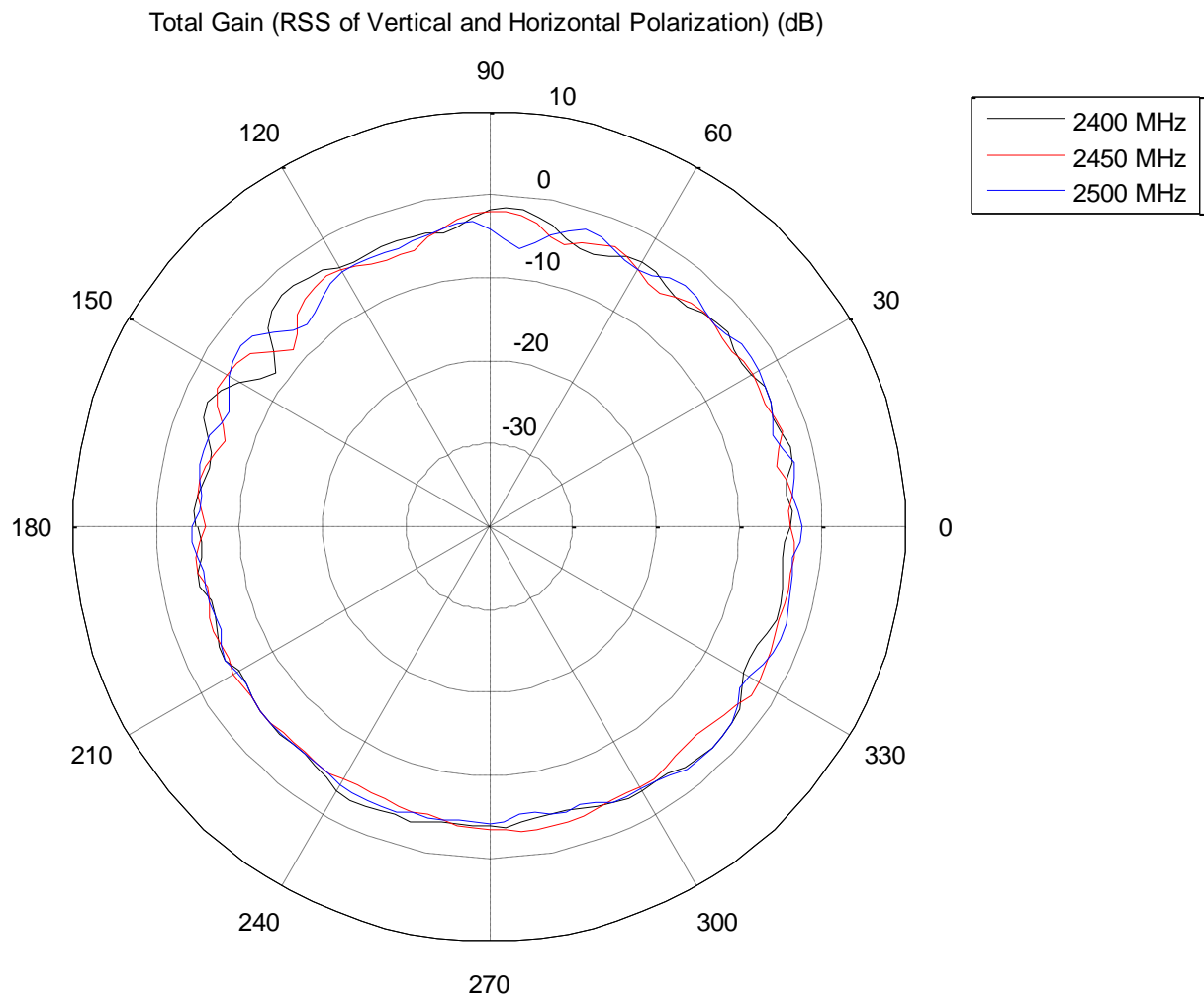


Figure 3 Typical E-Plane Antenna Radiation Performance

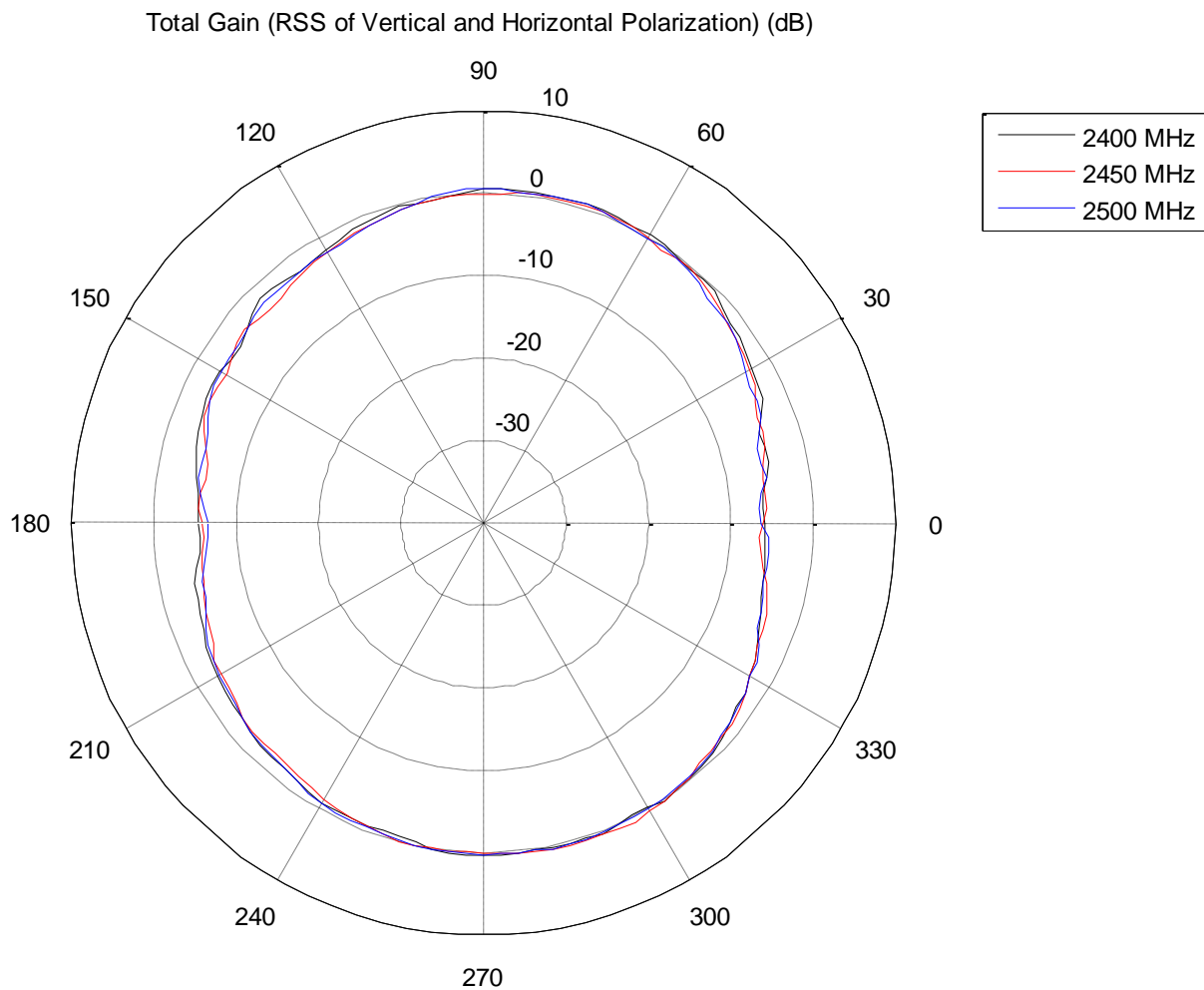


Figure 4 Typical H-Plane Antenna Radiation Performance

CONTACTING LS RESEARCH

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