



## 2.4 GHZ WATERPROOF DIPOLE ANTENNA, IP67

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           | ≤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)

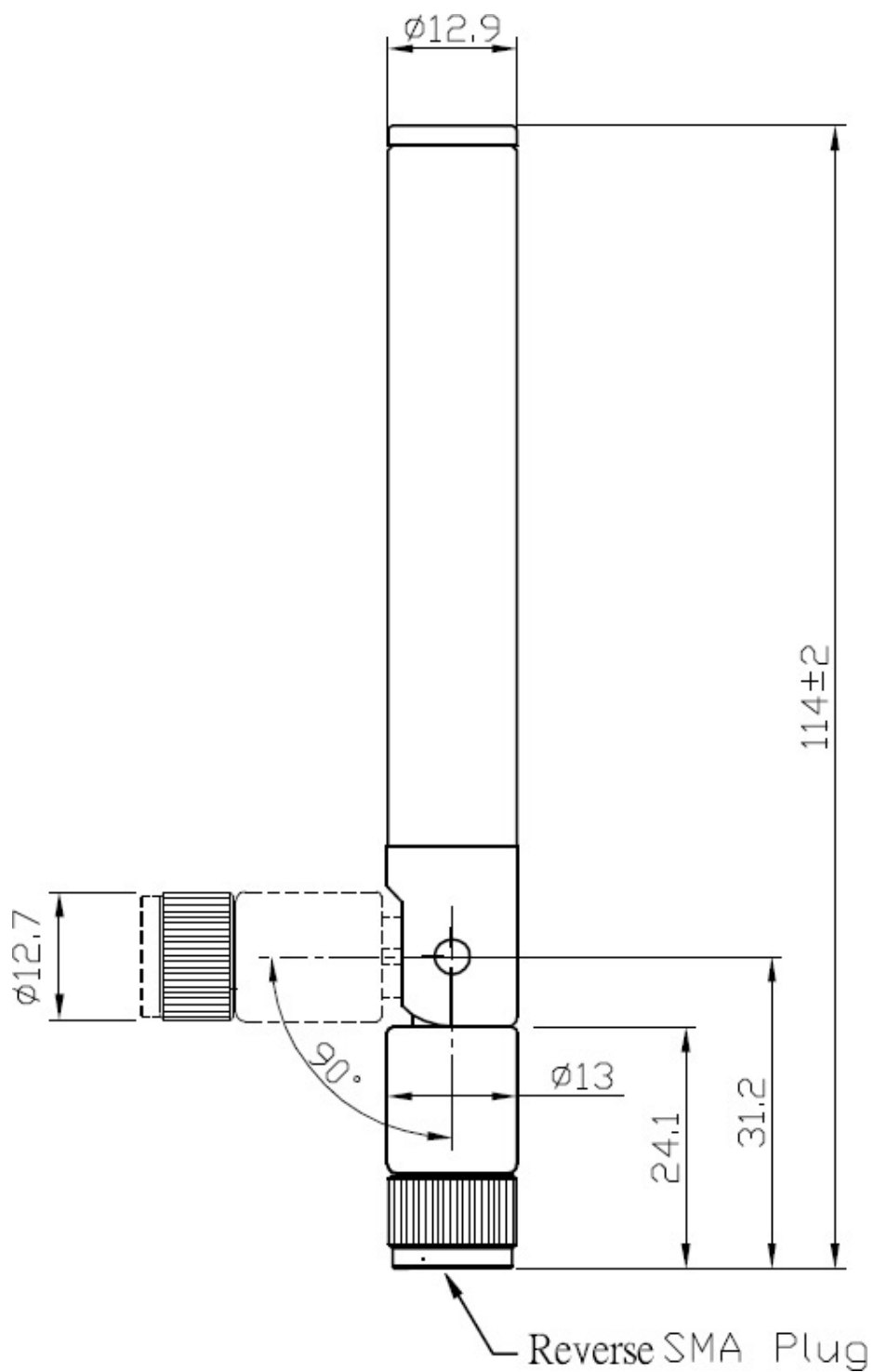


Figure 1 Physical Dimensions

## TYPICAL ANTENNA REFLECTION PERFORMANCE

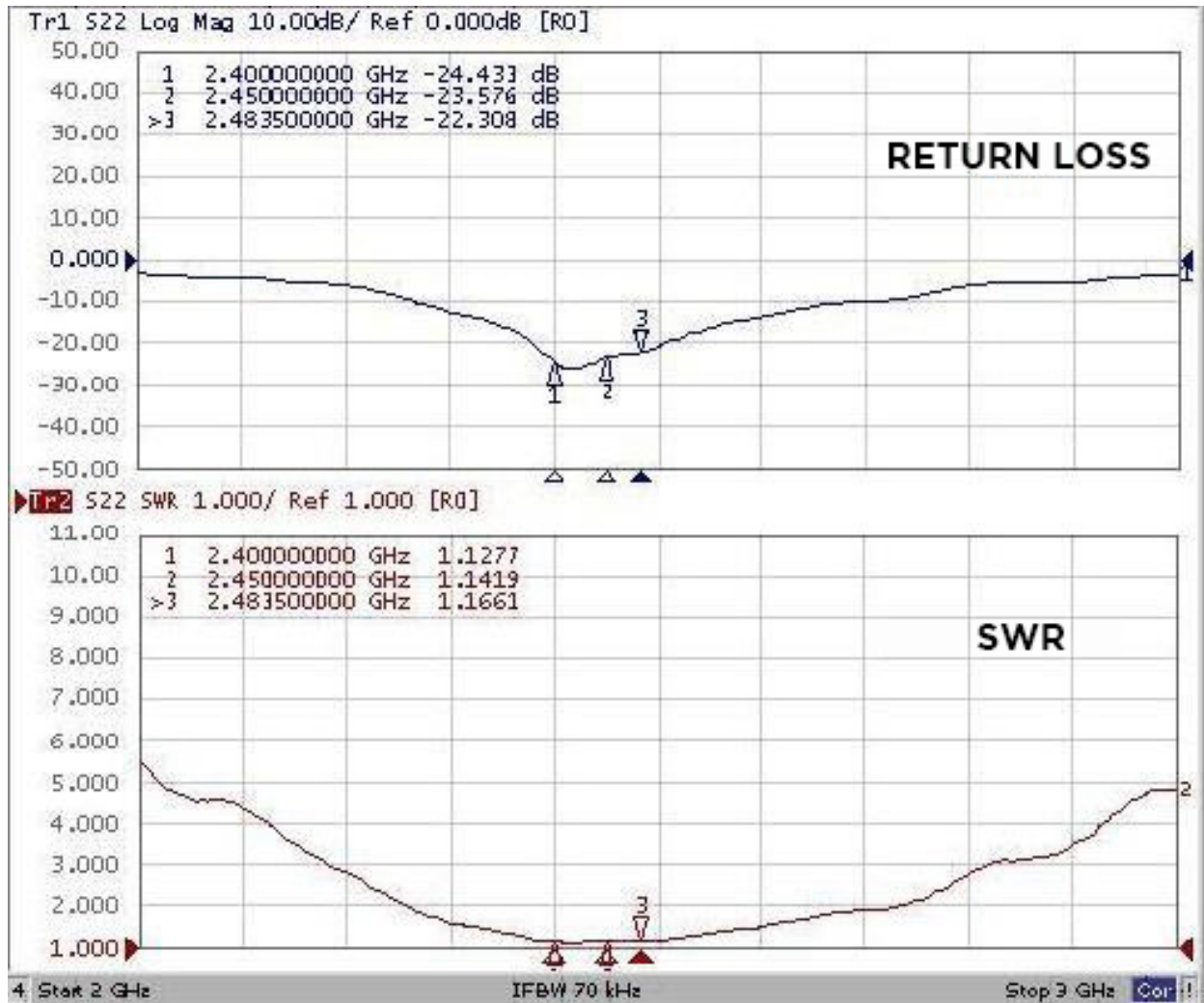


Figure 2 Typical Antenna Reflection Performance

## TYPICAL ANTENNA RADIATION PERFORMANCE

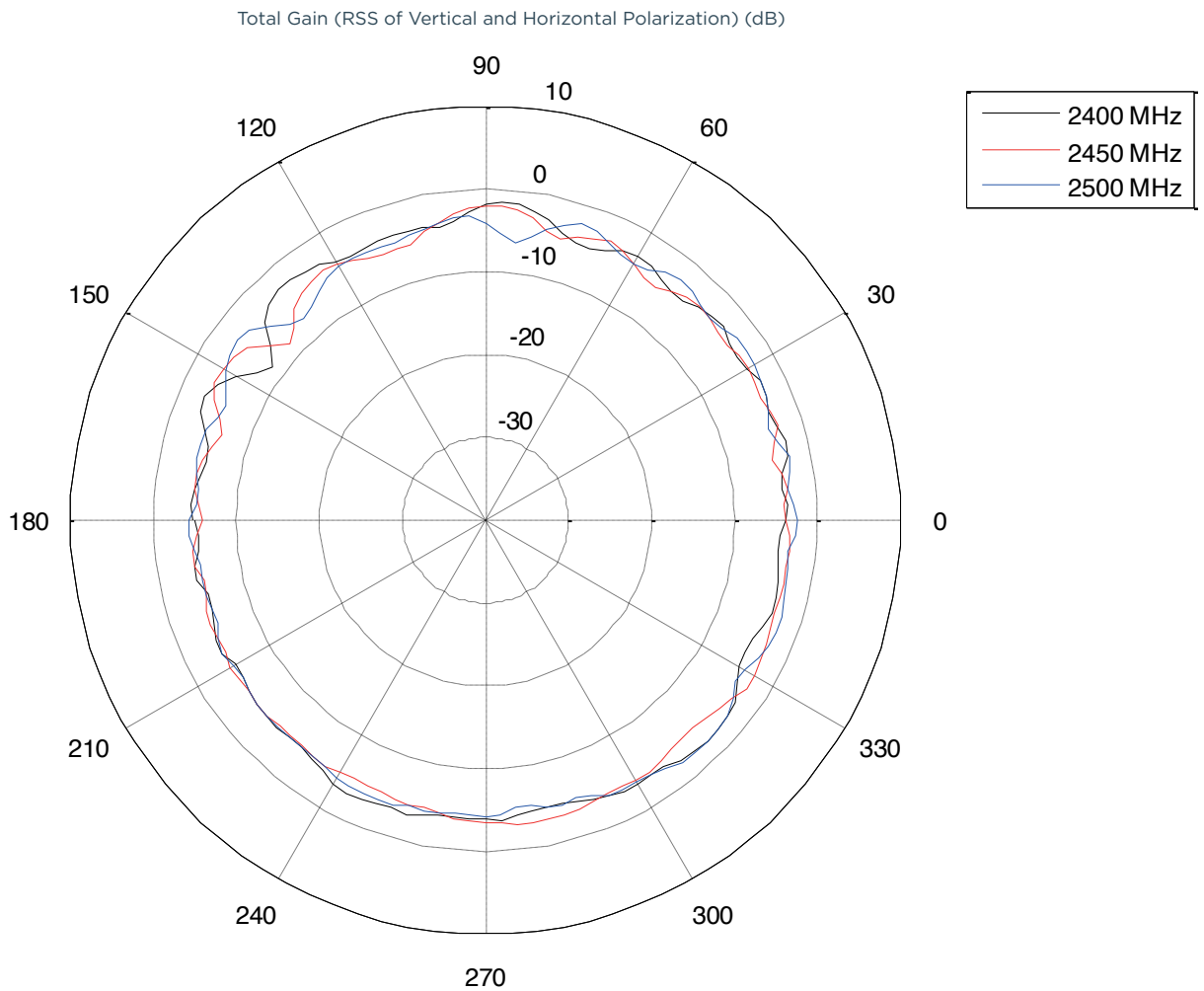


Figure 3 Typical E-Plane Antenna Radiation Performance

Total Gain (RSS of Vertical and Horizontal Polarization) (dB)

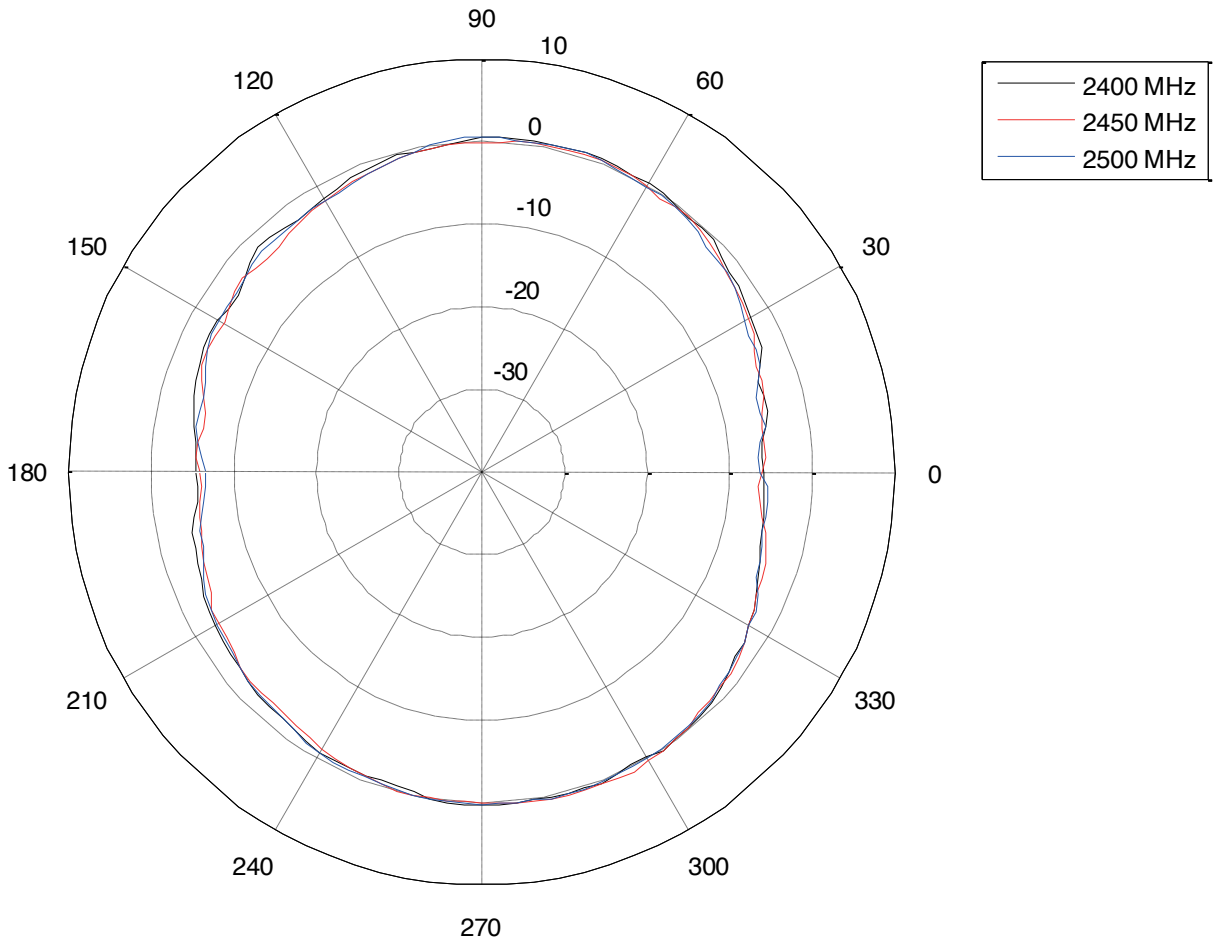


Figure 4 Typical H-Plane Antenna Radiation Performance

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