
2.4 GHz / 5.5 GHz Waterproof Dipole 2 dBi Antenna, IP67



ORDERING INFORMATION

| Order Number | Description |
|-----------------|--|
| 001-0012 | 2.4/5.5 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 |
|-------------------|--------------------------------|
| 2.4 Ghz Band Gain | +2 dBi |
| 5 GHz Band Gain | +2 dBi |
| Impedance | 50 ohms |
| Type | Dipole |
| Polarization | Linear Vertical |
| VSWR | ≤2.5 : 1 |
| Frequency | 2400 - 2500MHz, 4910 - 5850MHz |
| Weight | 18g |
| Size | 114 mm x 13 mm |
| Antenna Color | Black |
| Operating Temp | -40°C to +85°C |
| UL Rating | UL 94HB |

Table 2 Specifications

PHYSICAL DIMENSIONS (MM)

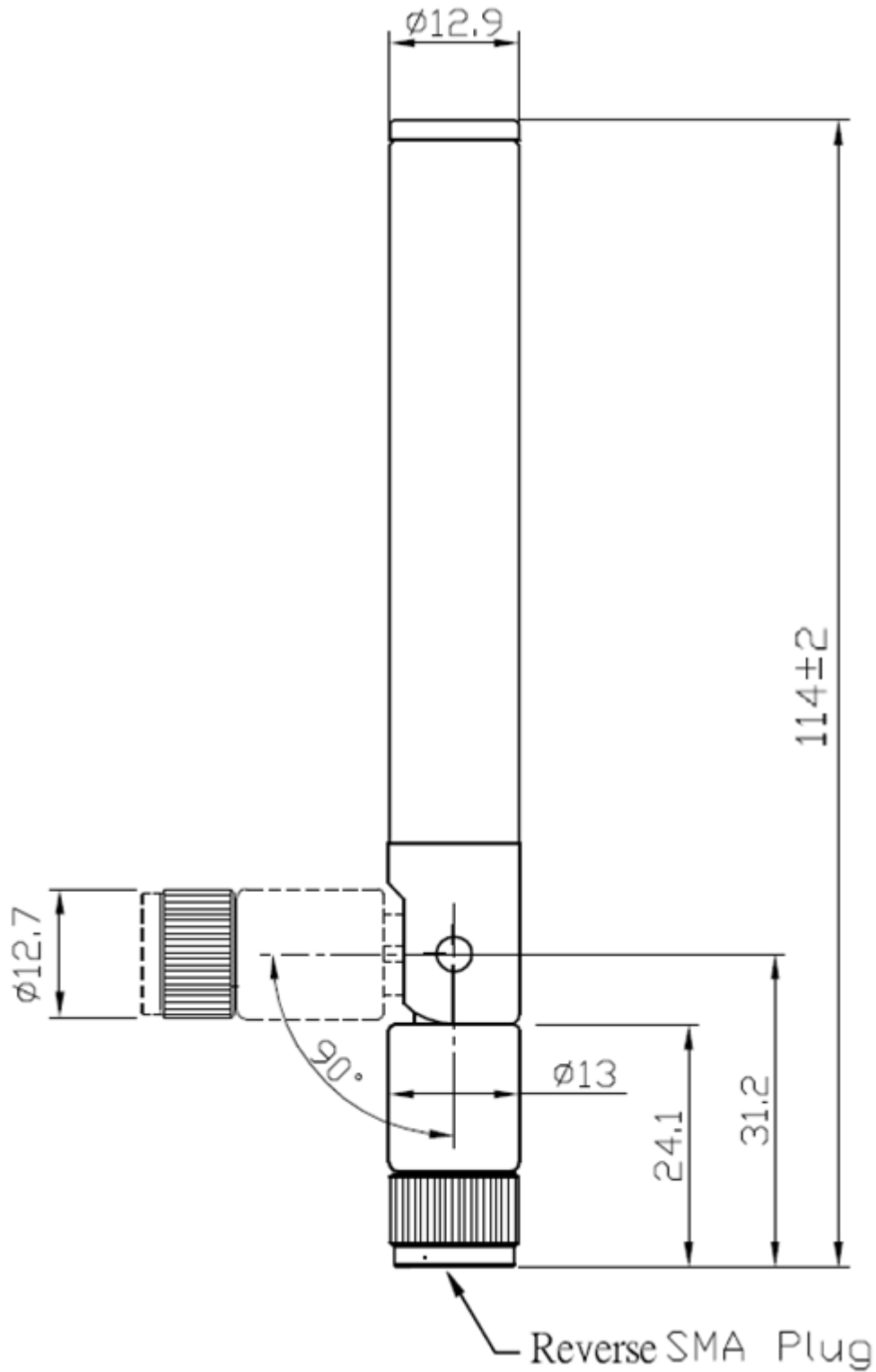


Figure 1 Physical Dimensions

The information in this document is subject to change without notice.

TYPICAL ANTENNA REFLECTION PERFORMANCE

Straight Antenna Position

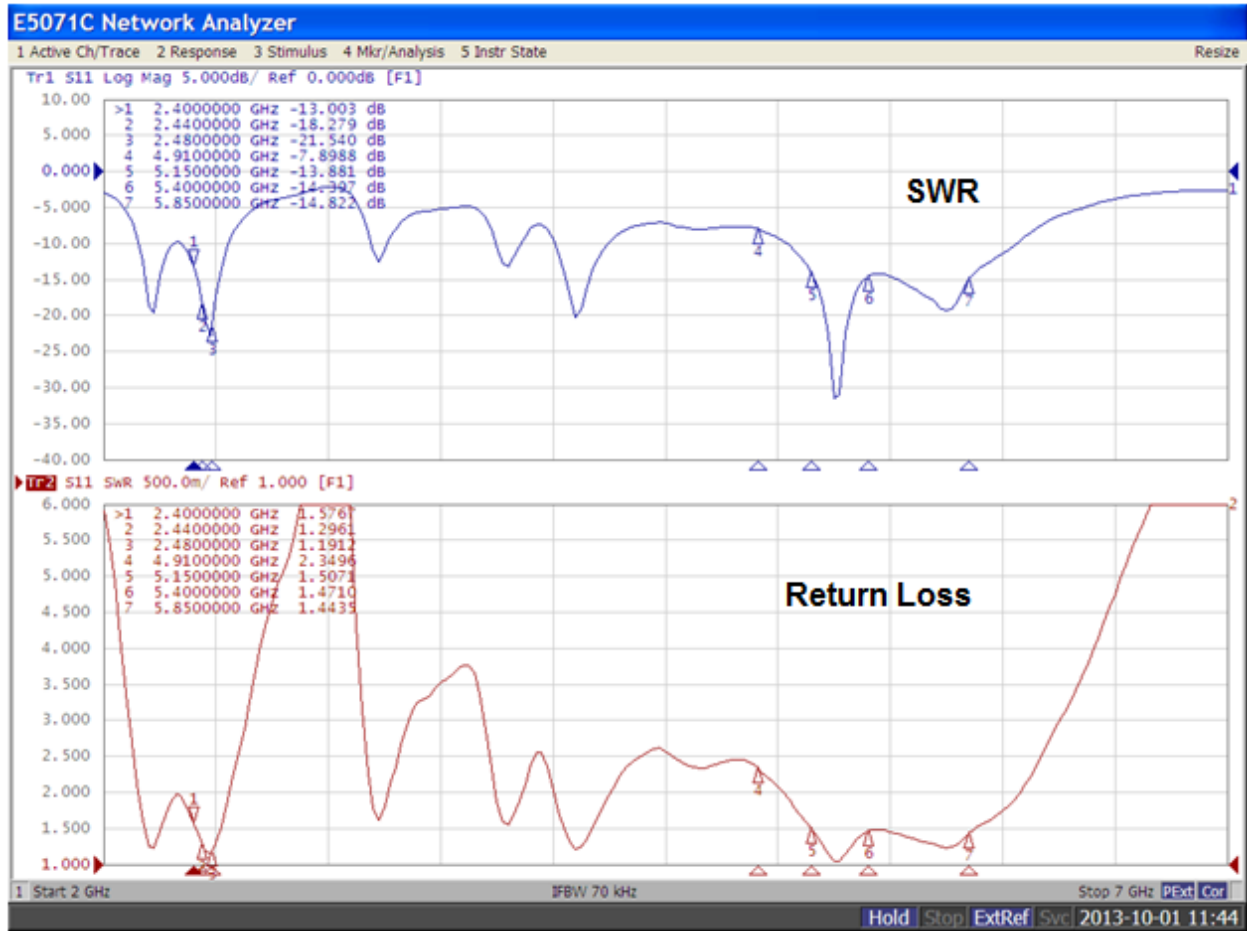


Figure 2 Typical Straight Position Reflection Performance

Bent Antenna Position

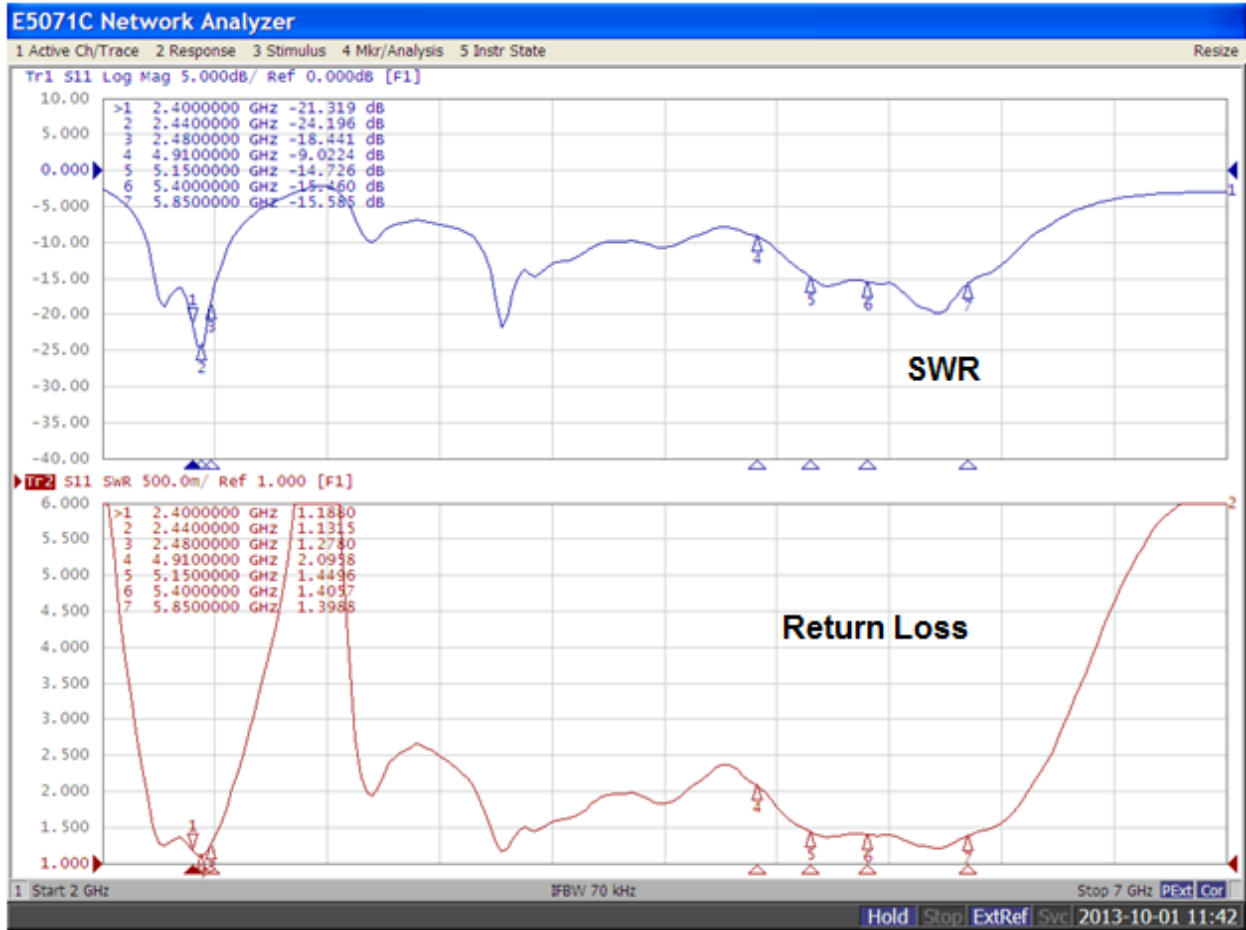


Figure 3 Typical Bent Position Reflection Performance

TYPICAL ANTENNA RADIATION PERFORMANCE

2.4 GHz Band

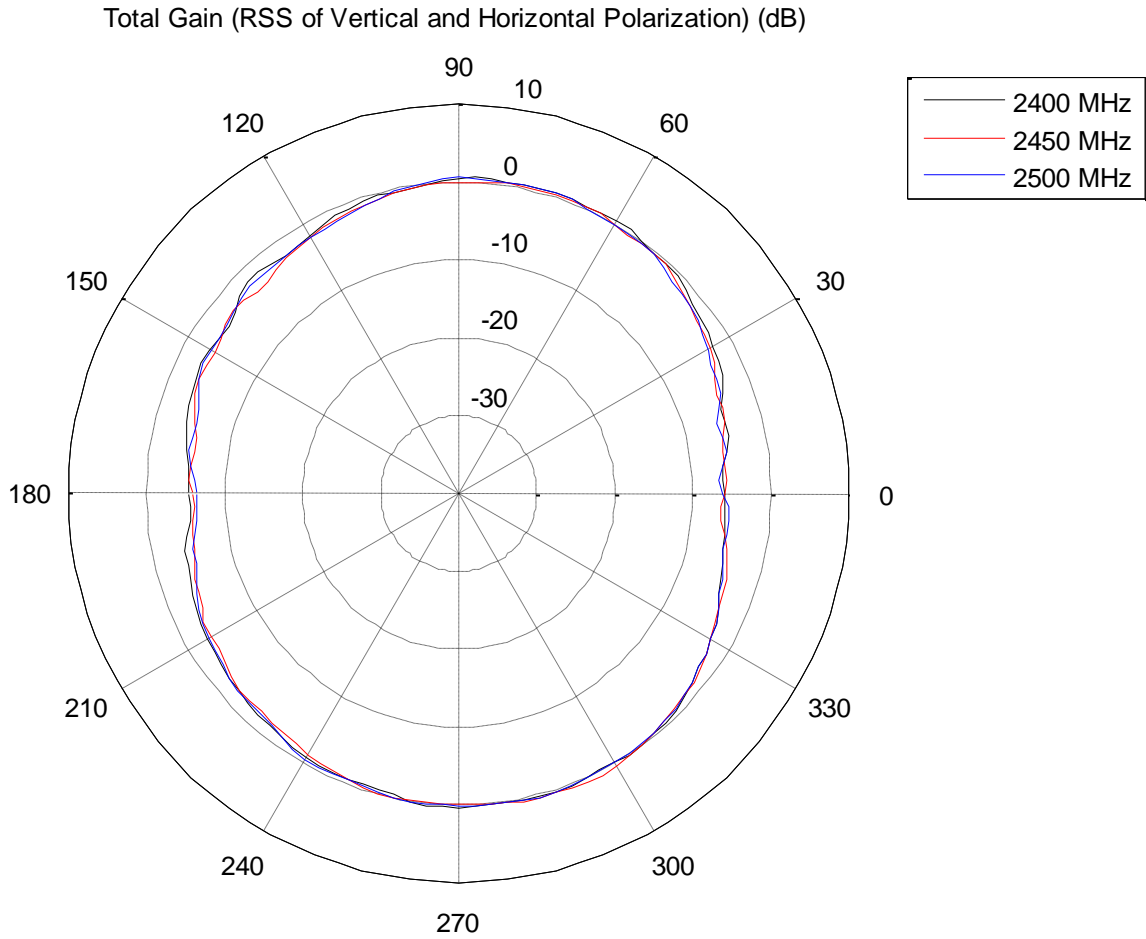


Figure 4 Typical E-Plane Performance

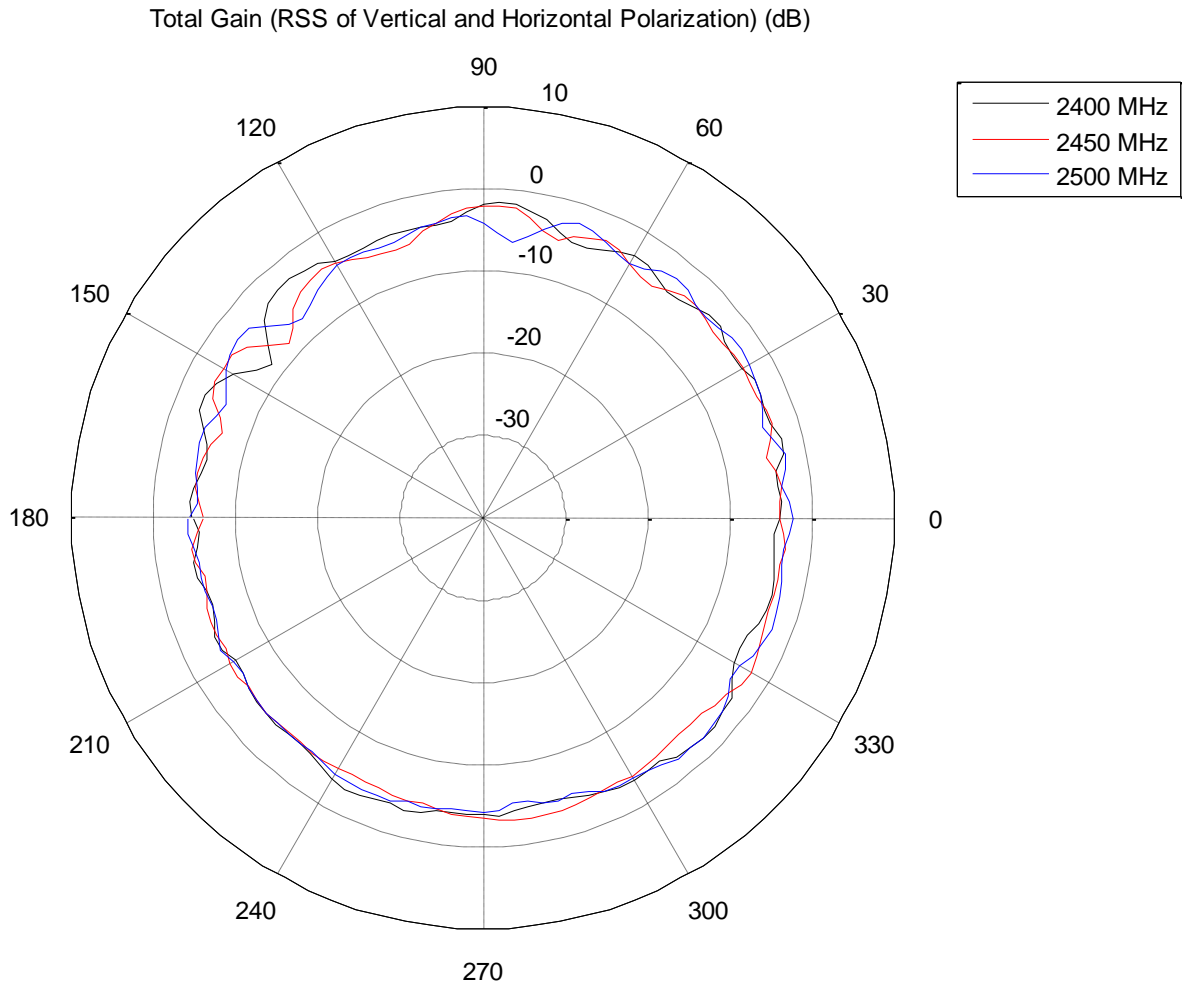


Figure 5 Typical H-Plane Performance

5 GHz Band

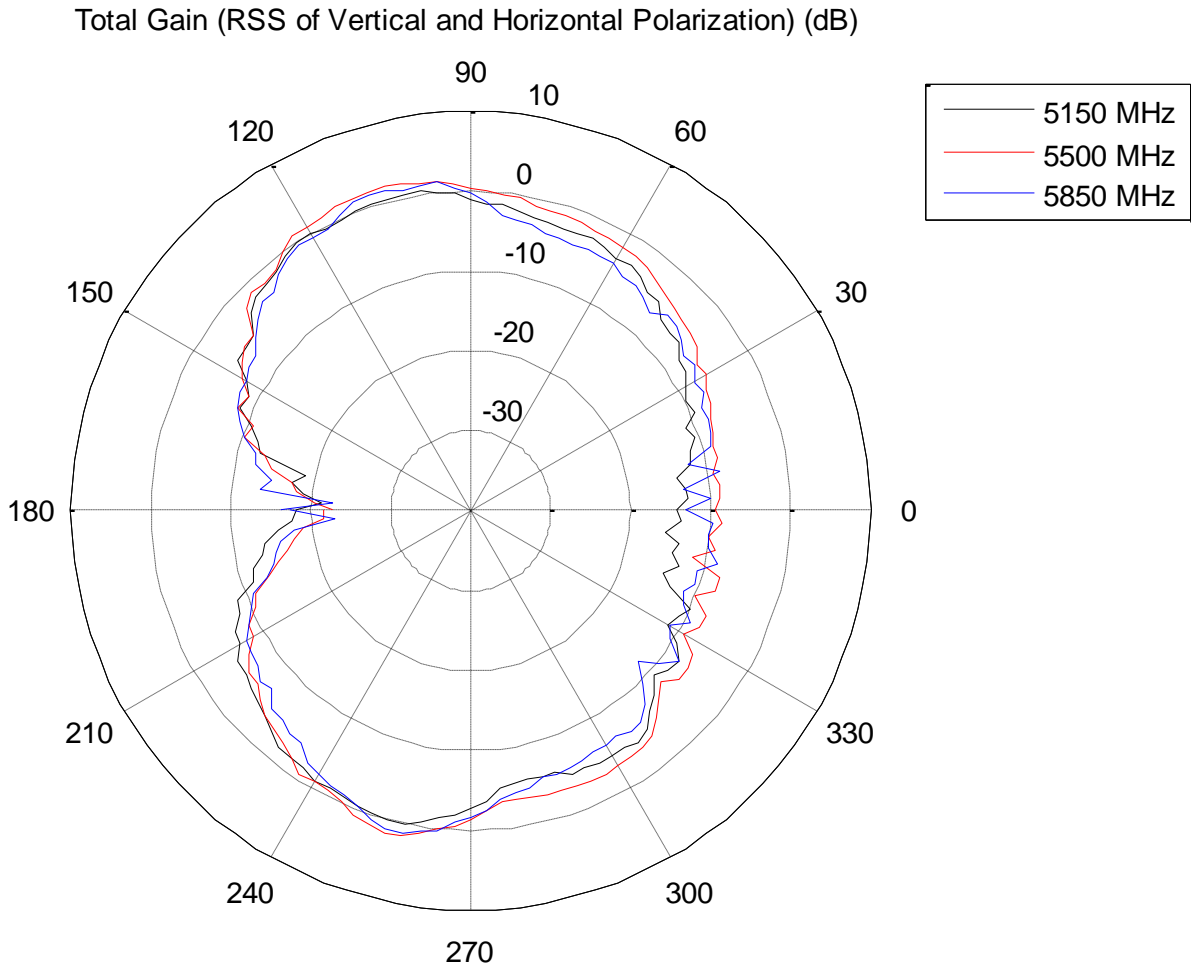


Figure 6 Typical E-Plane Performance

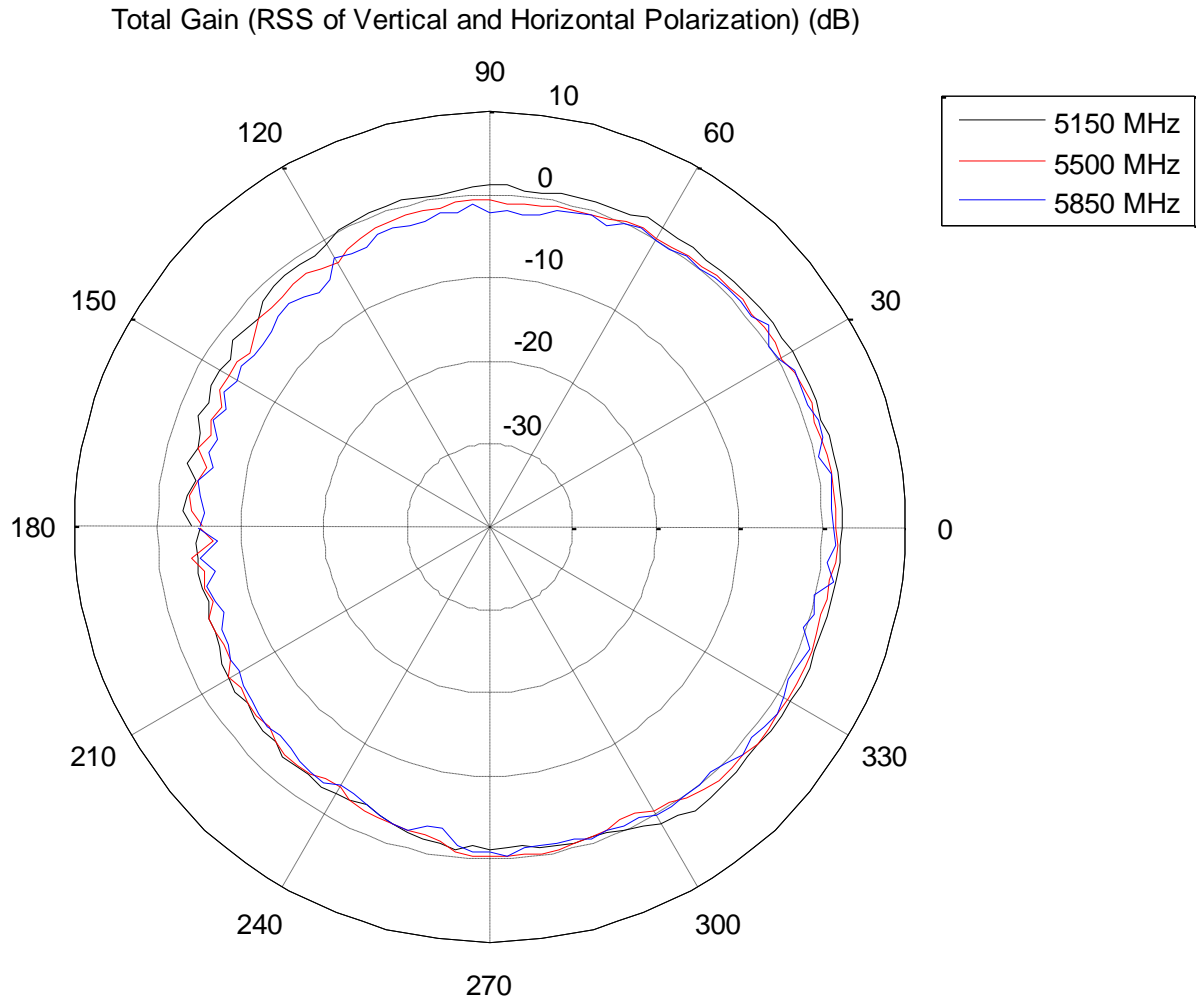


Figure 7 Typical H-Plane Performance

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