

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

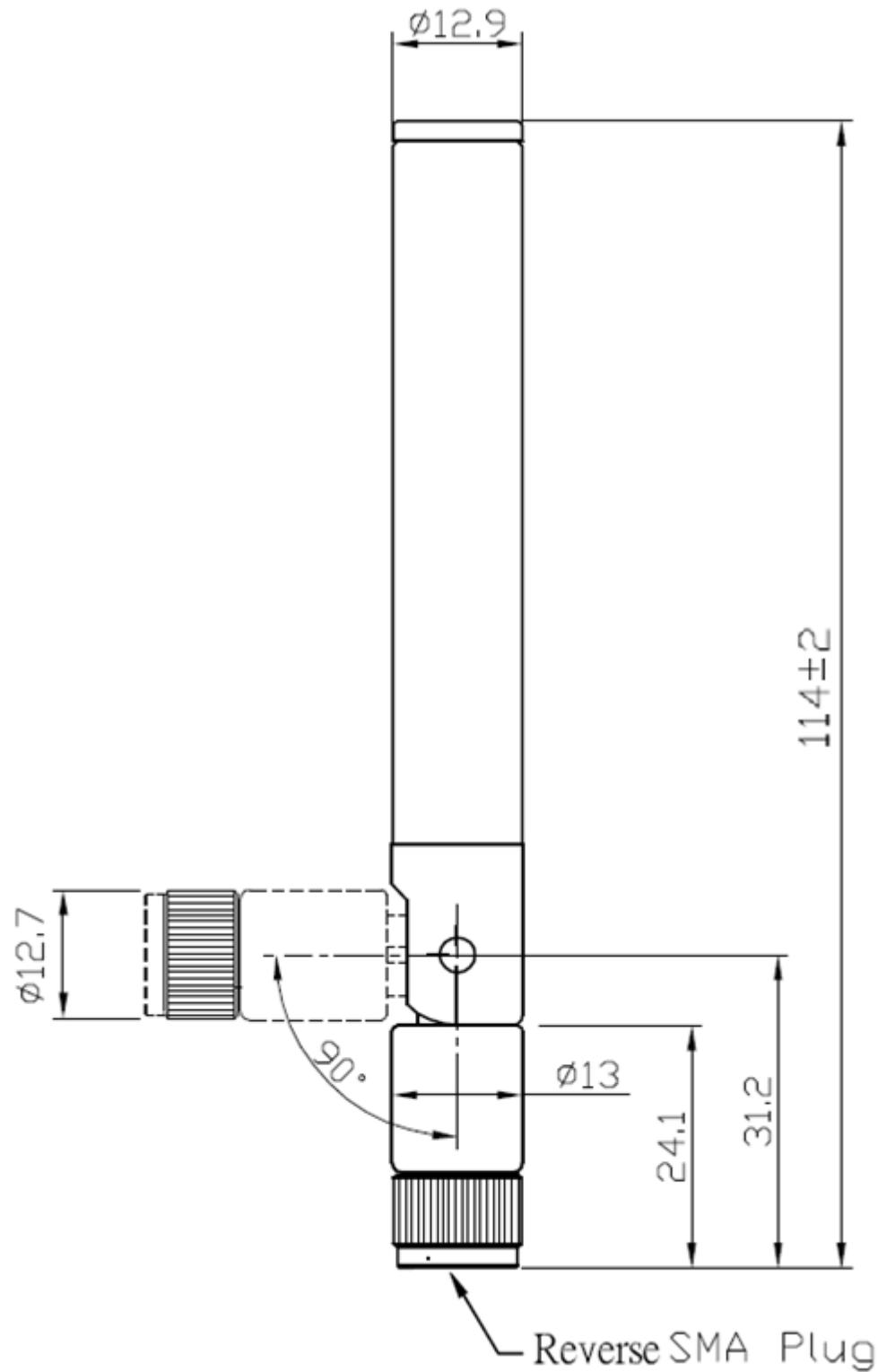
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SPECIFICATIONS

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

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PHYSICAL DIMENSIONS (MM)**Figure 1 Physical Dimensions**

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TYPICAL ANTENNA REFLECTION PERFORMANCE

Straight Antenna Position

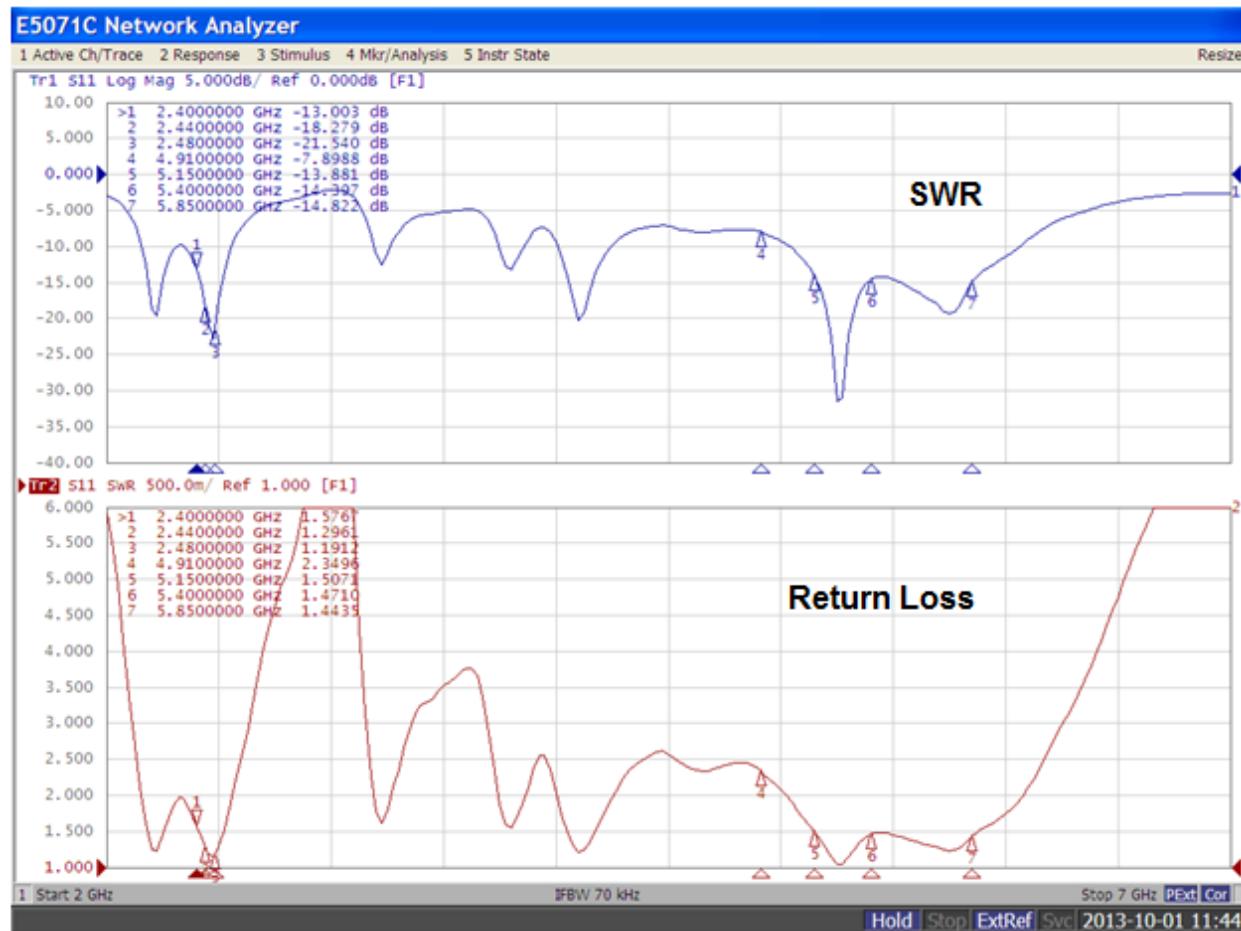
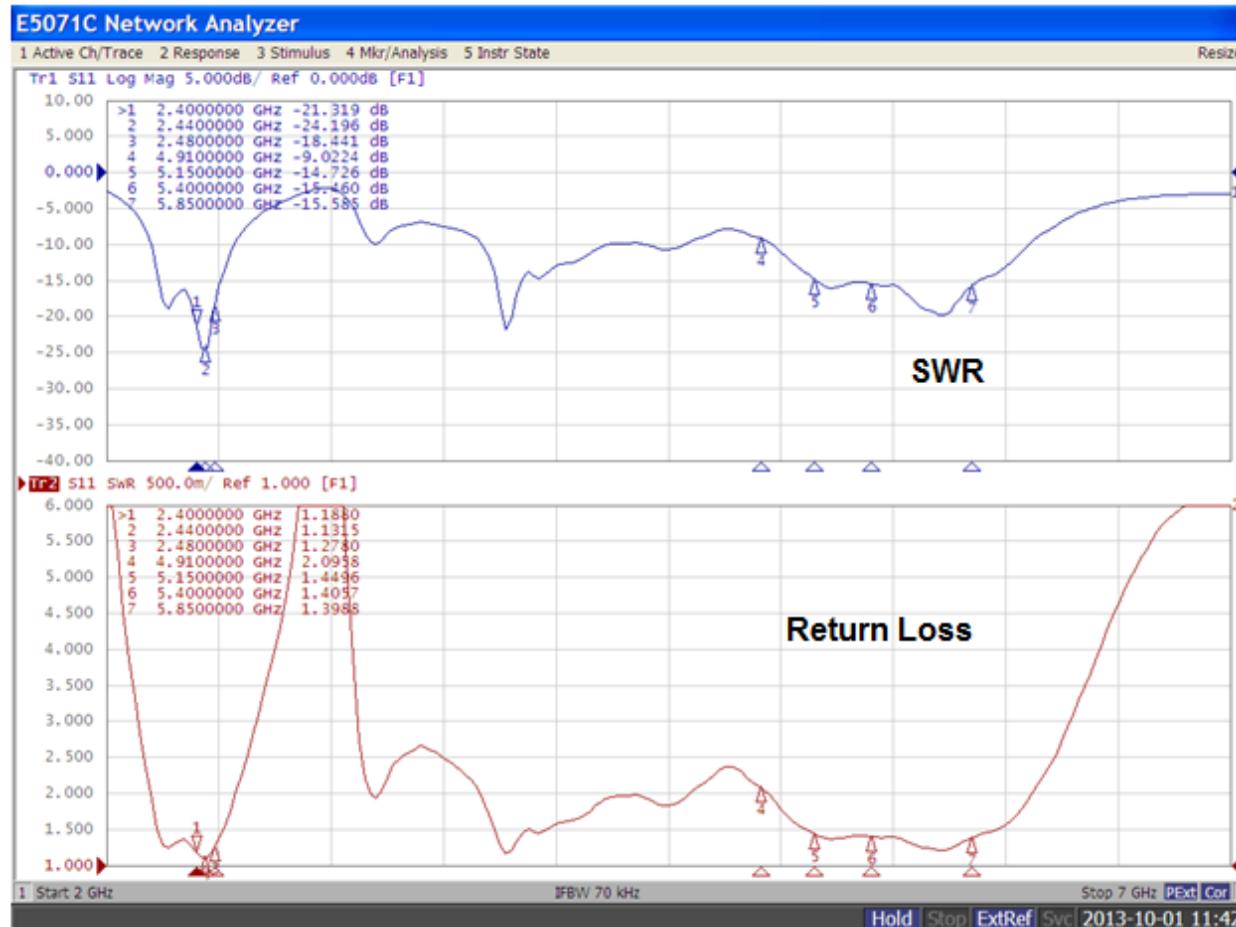


Figure 2 Typical Straight Position Reflection Performance

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Bent Antenna Position

Figure 3 Typical Bent Position Reflection Performance

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TYPICAL ANTENNA RADIATION PERFORMANCE

2.4 GHz Band

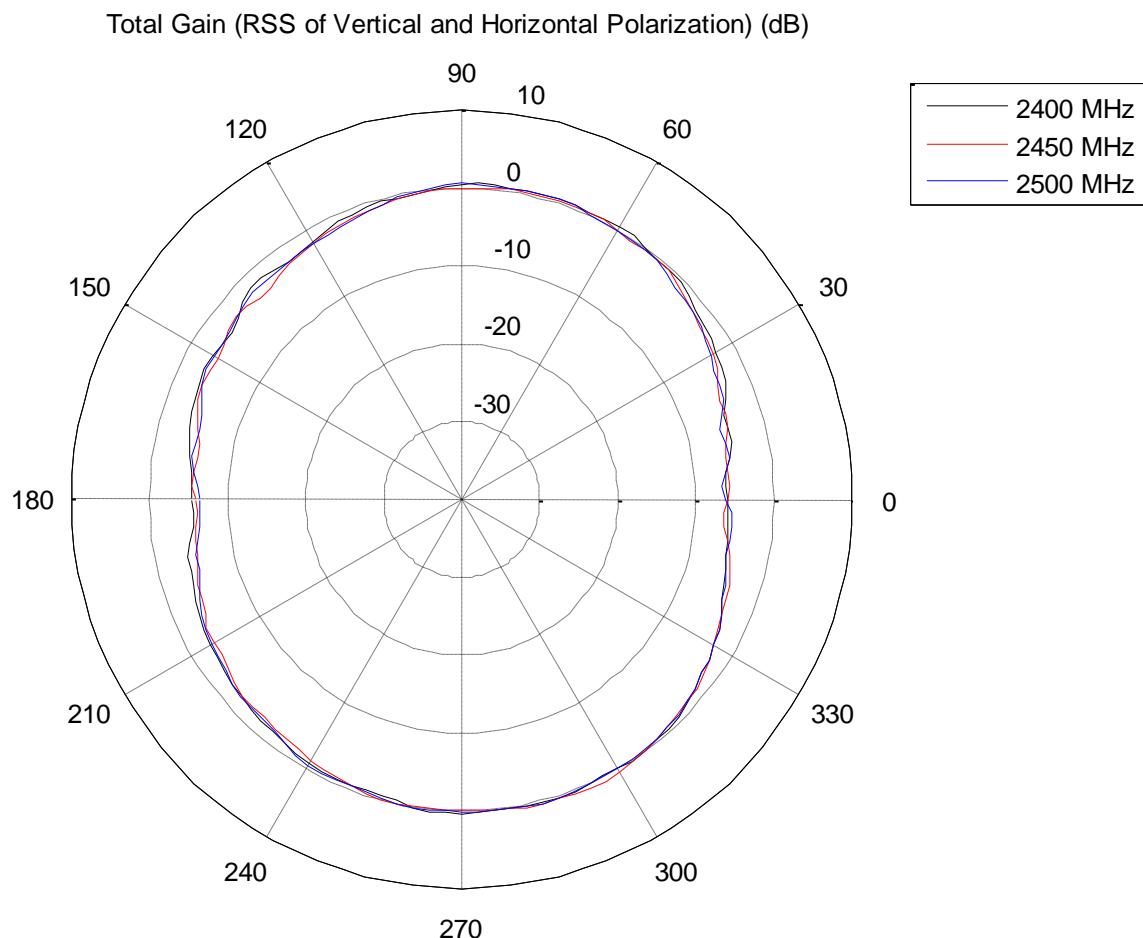
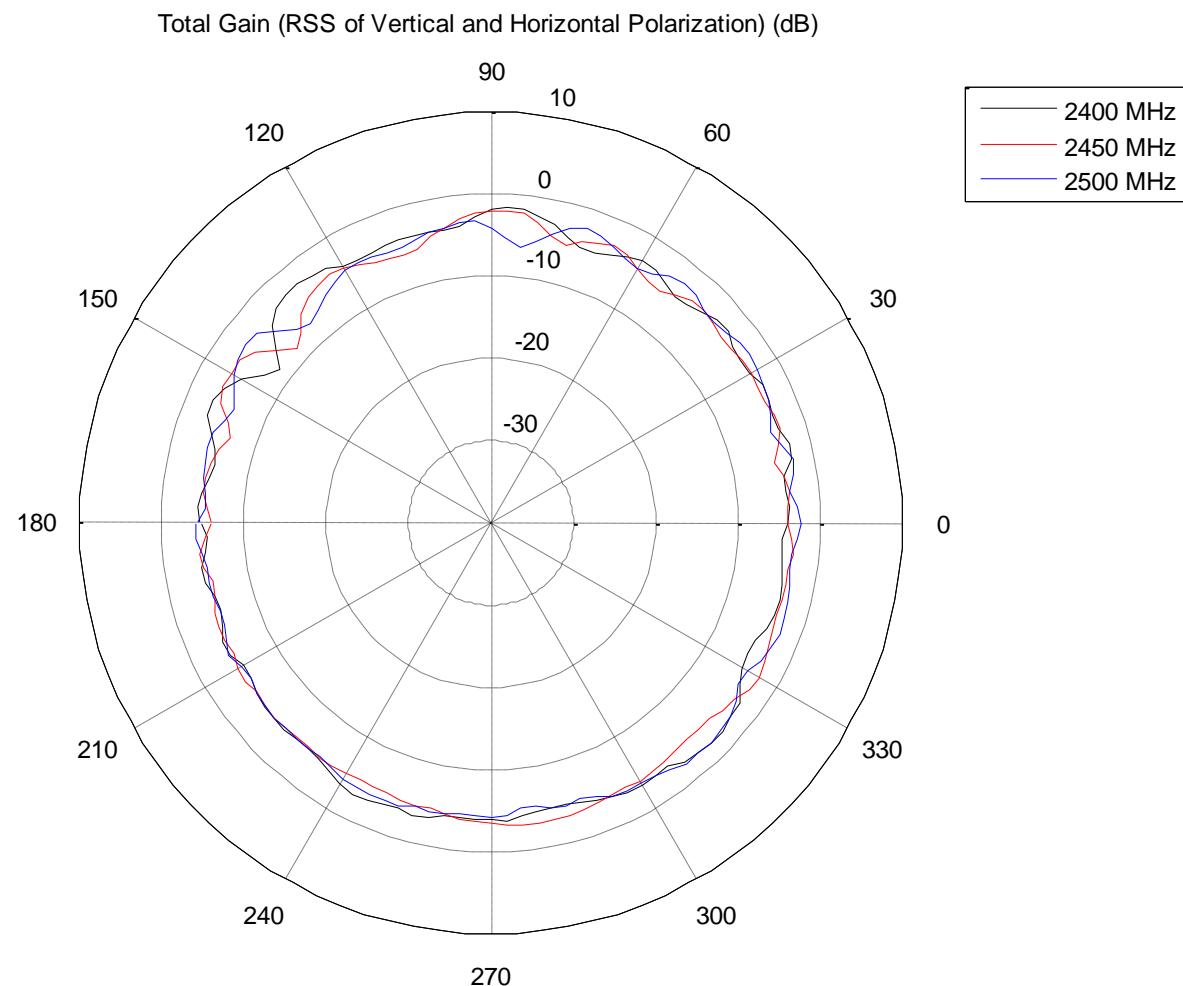
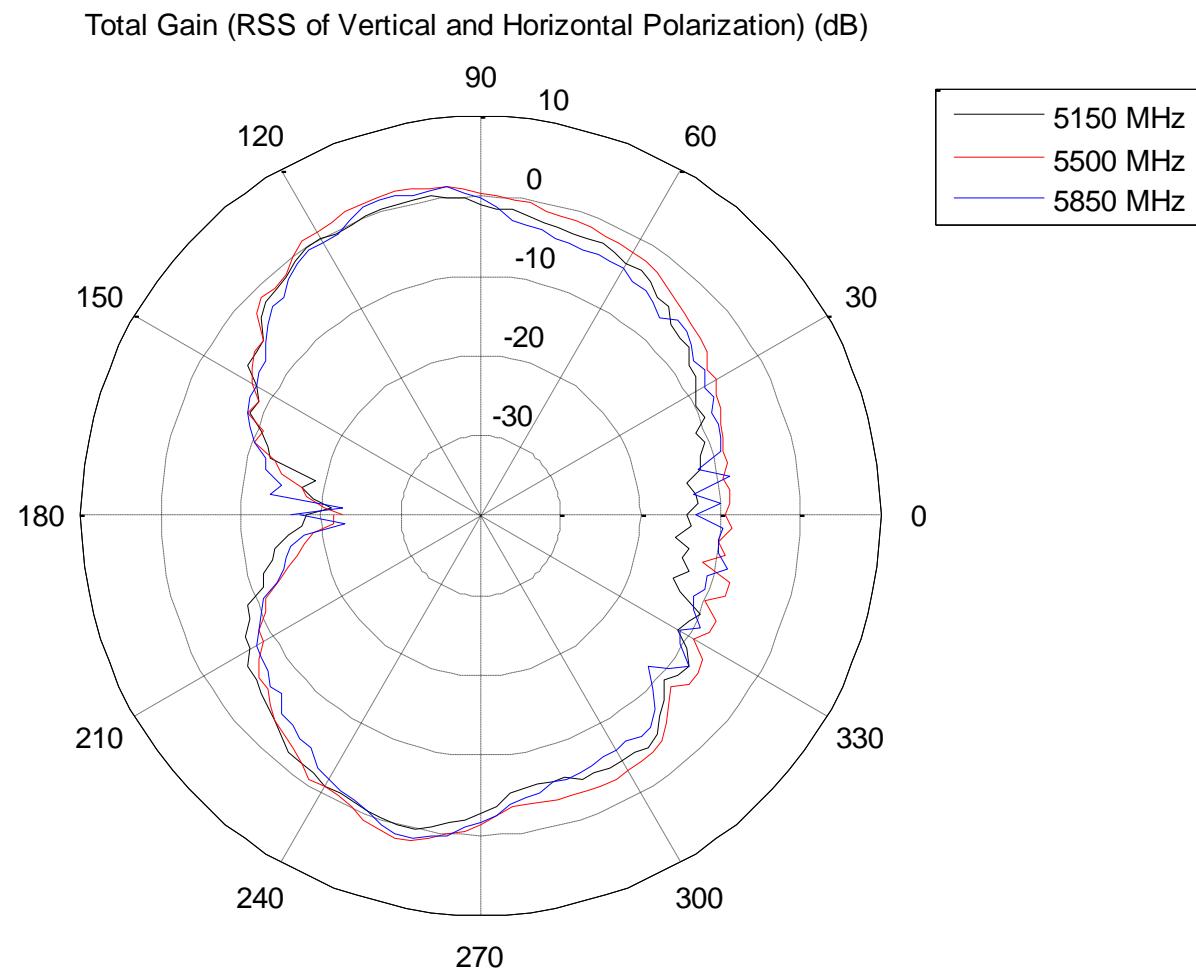


Figure 4 Typical E-Plane Performance

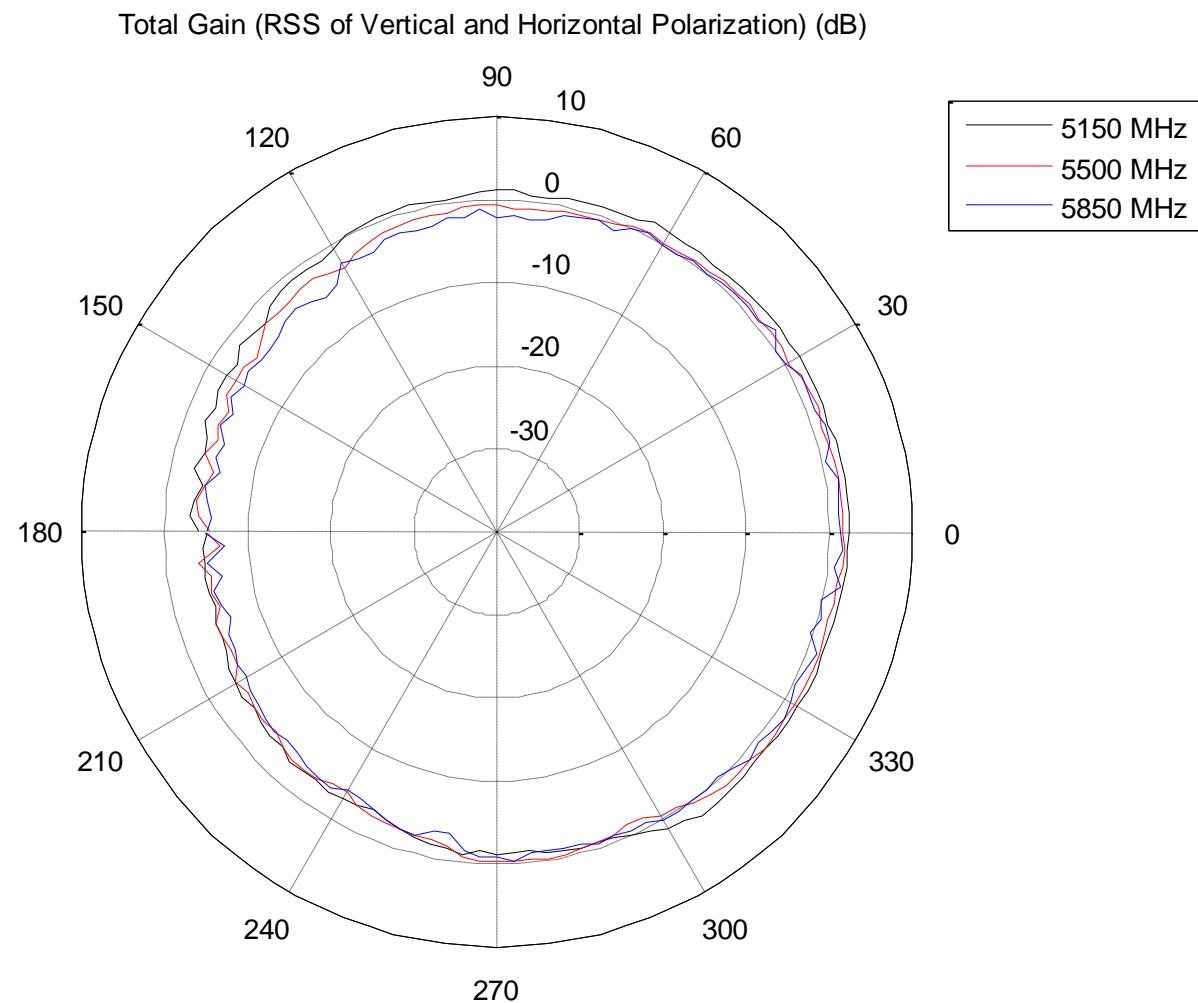
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**Figure 5 Typical H-Plane Performance**

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5 GHz Band**Figure 6 Typical E-Plane Performance**

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**Figure 7 Typical H-Plane Performance**

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CONTACTING LS RESEARCH

Headquarters

LS Research, LLC
W66 N220 Commerce Court
Cedarburg, WI 53012-2636
USA
Tel: 1(262) 375-4400
Fax: 1(262) 375-4248

Website

www.lsr.com

Wiki

www.lsr.com/products-wiki

Technical Support

www.lsr.com/products-forum

Sales Contact

sales@lsr.com

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