



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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 × 13 mm
Antenna Color	Black
Operating Temp	-40°C to +85°C
UL Rating	UL 94HB

Table 2 Specifications

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

PHYSICAL DIMENSIONS (MM)

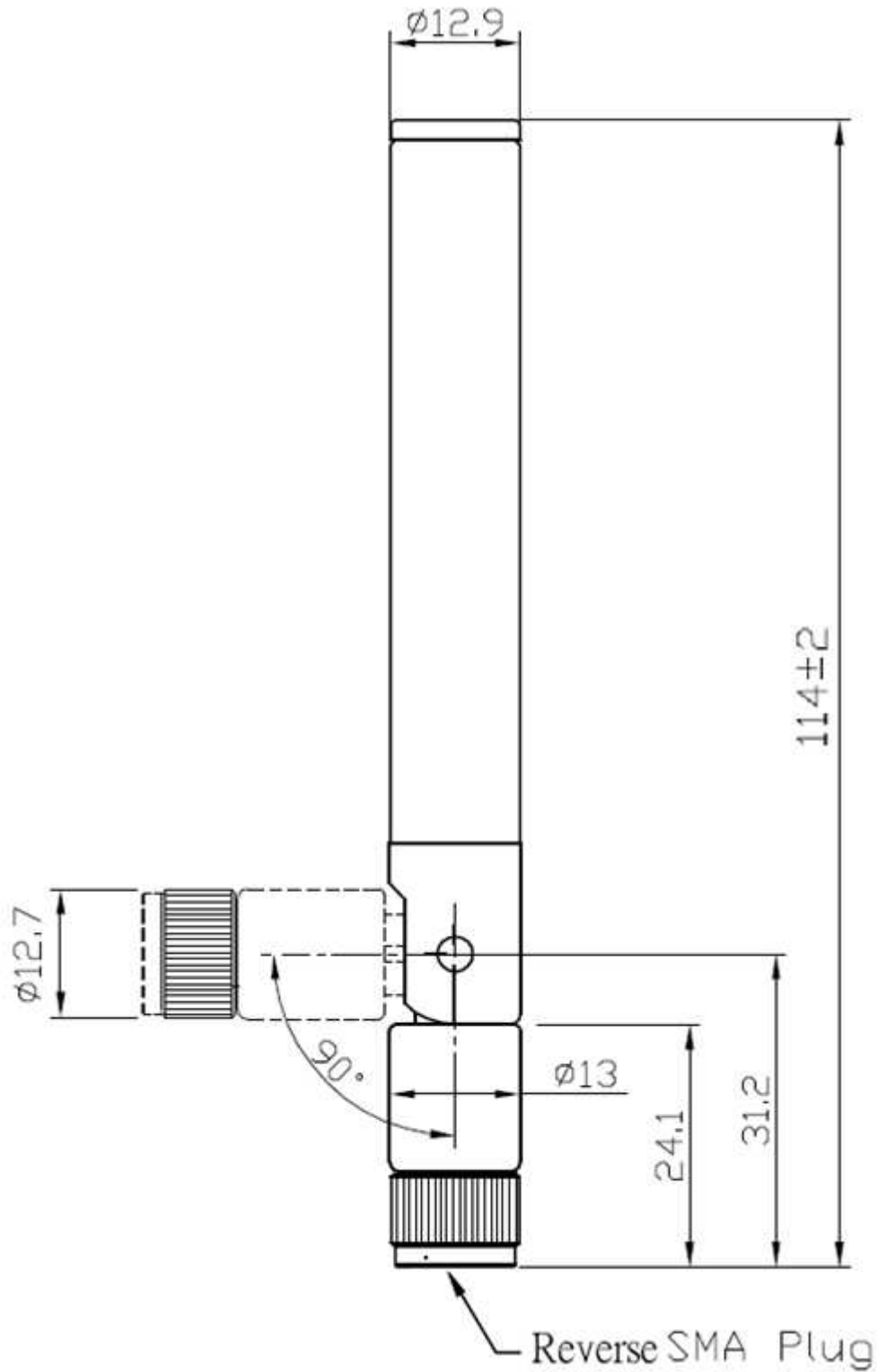


Figure 1 Physical Dimensions

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

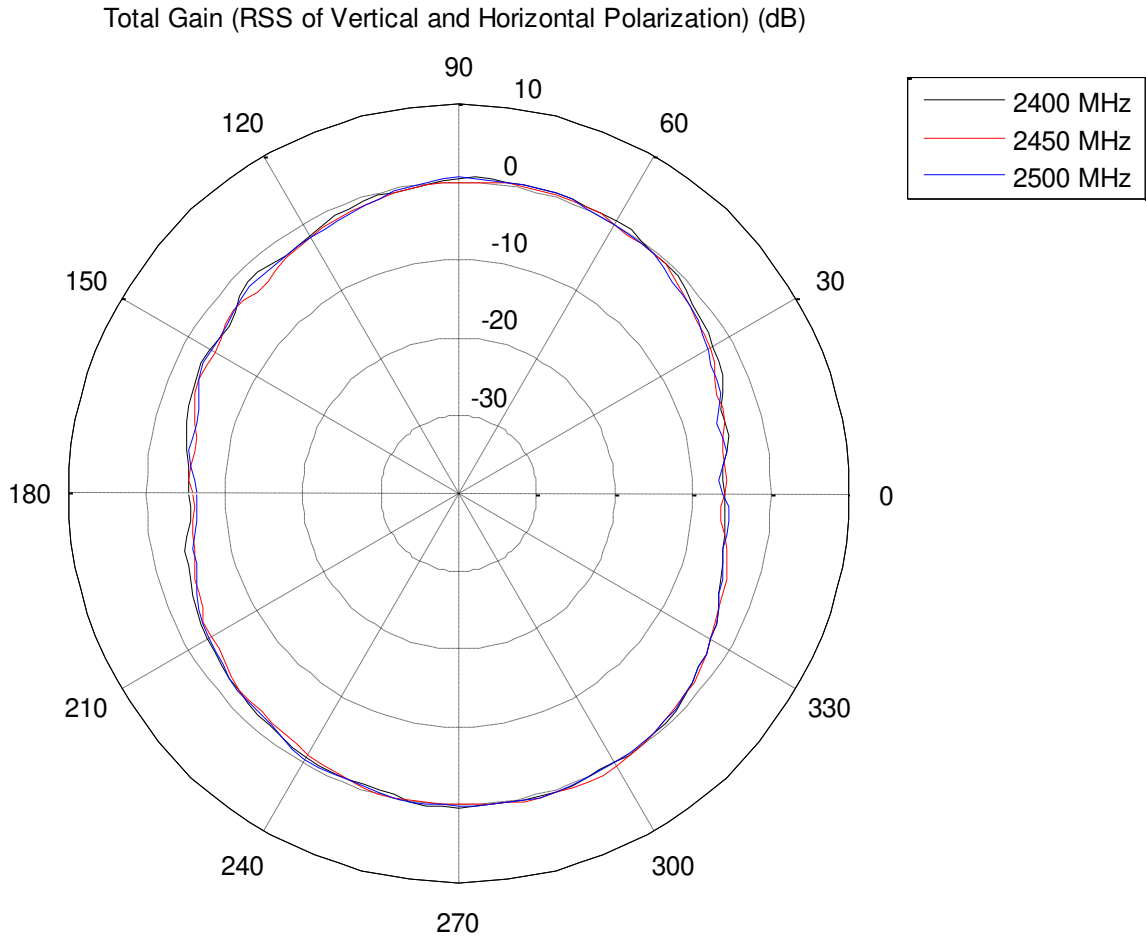


Figure 4 Typical E-Plane Performance

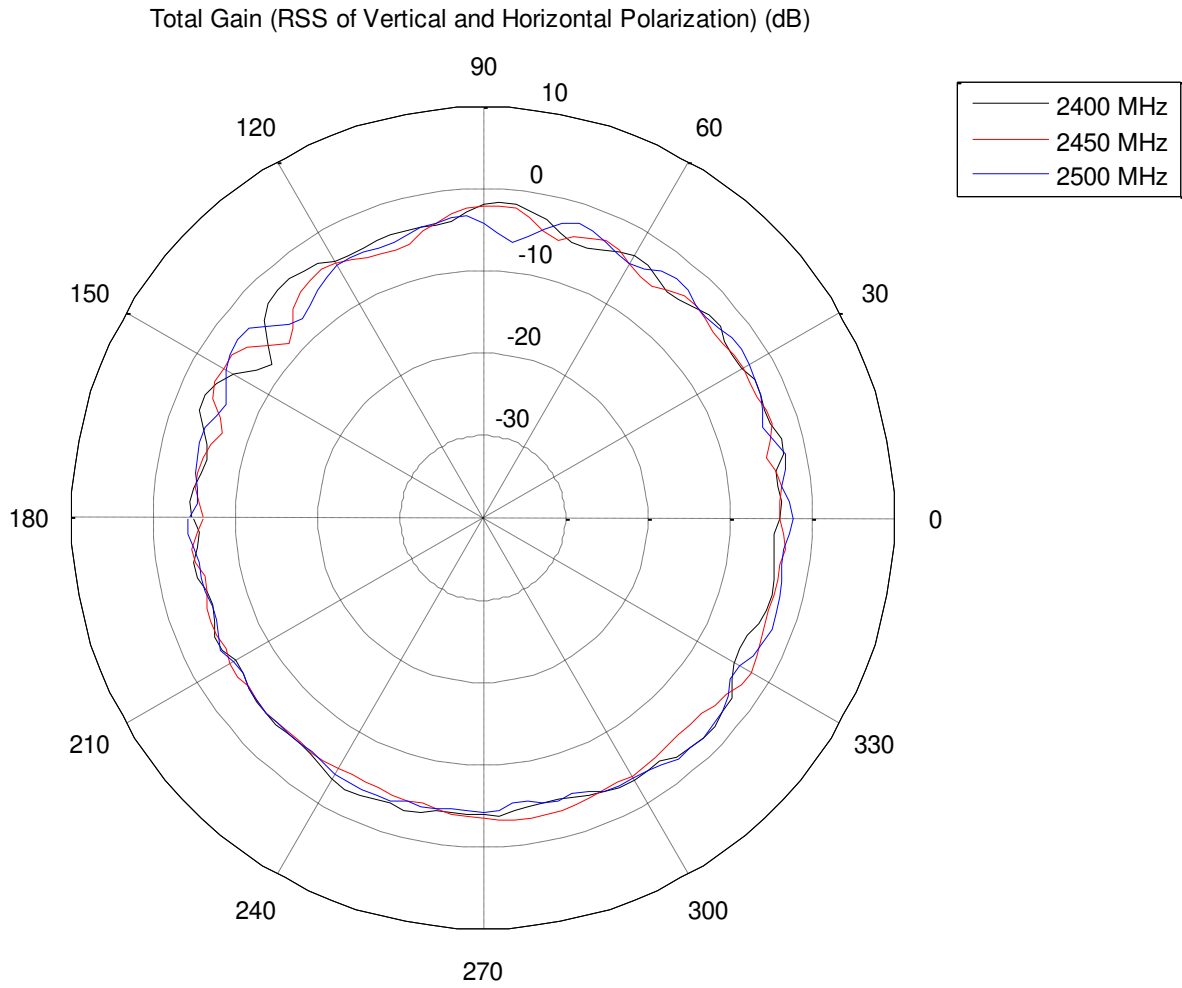


Figure 5 Typical H-Plane Performance

5 GHz Band

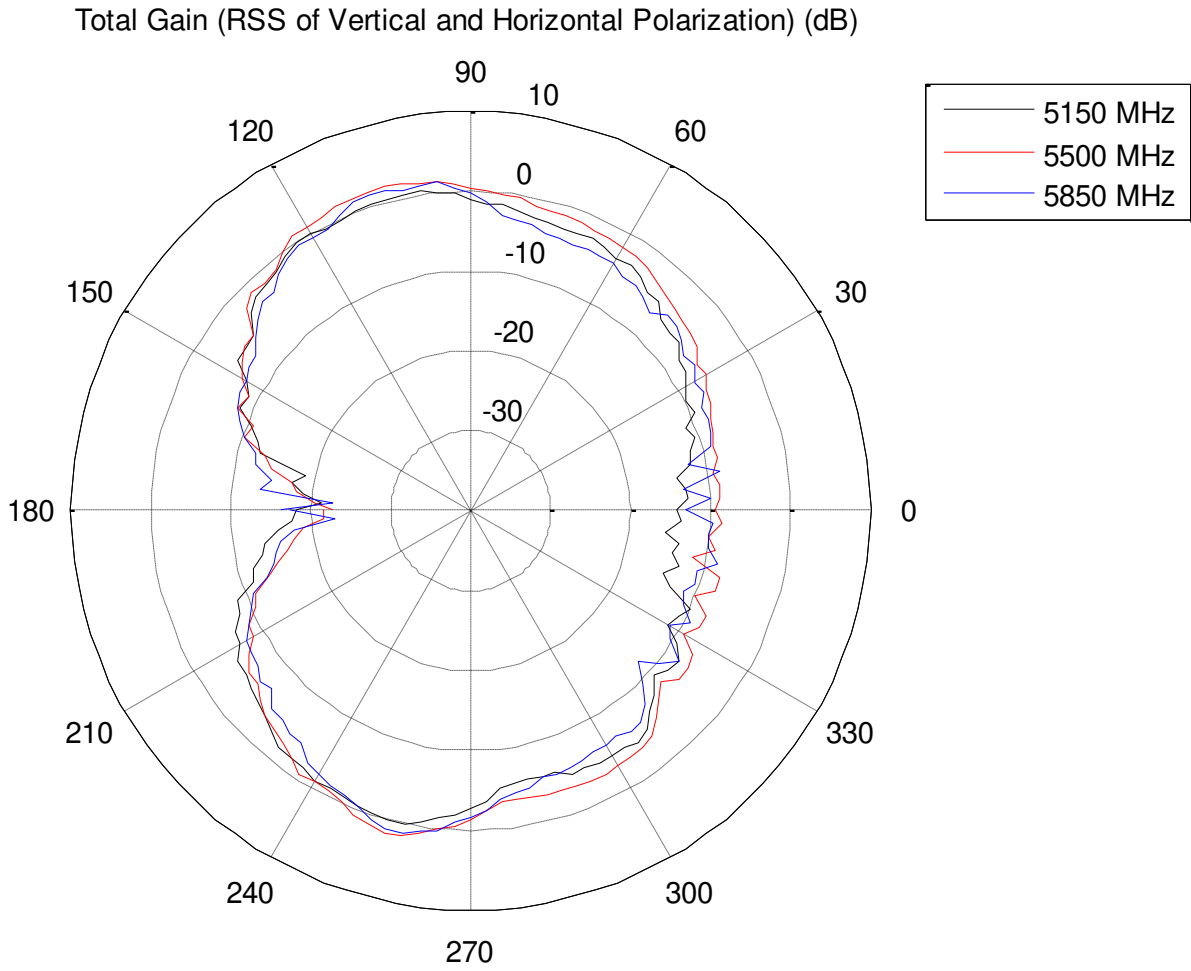


Figure 6 Typical E-Plane Performance

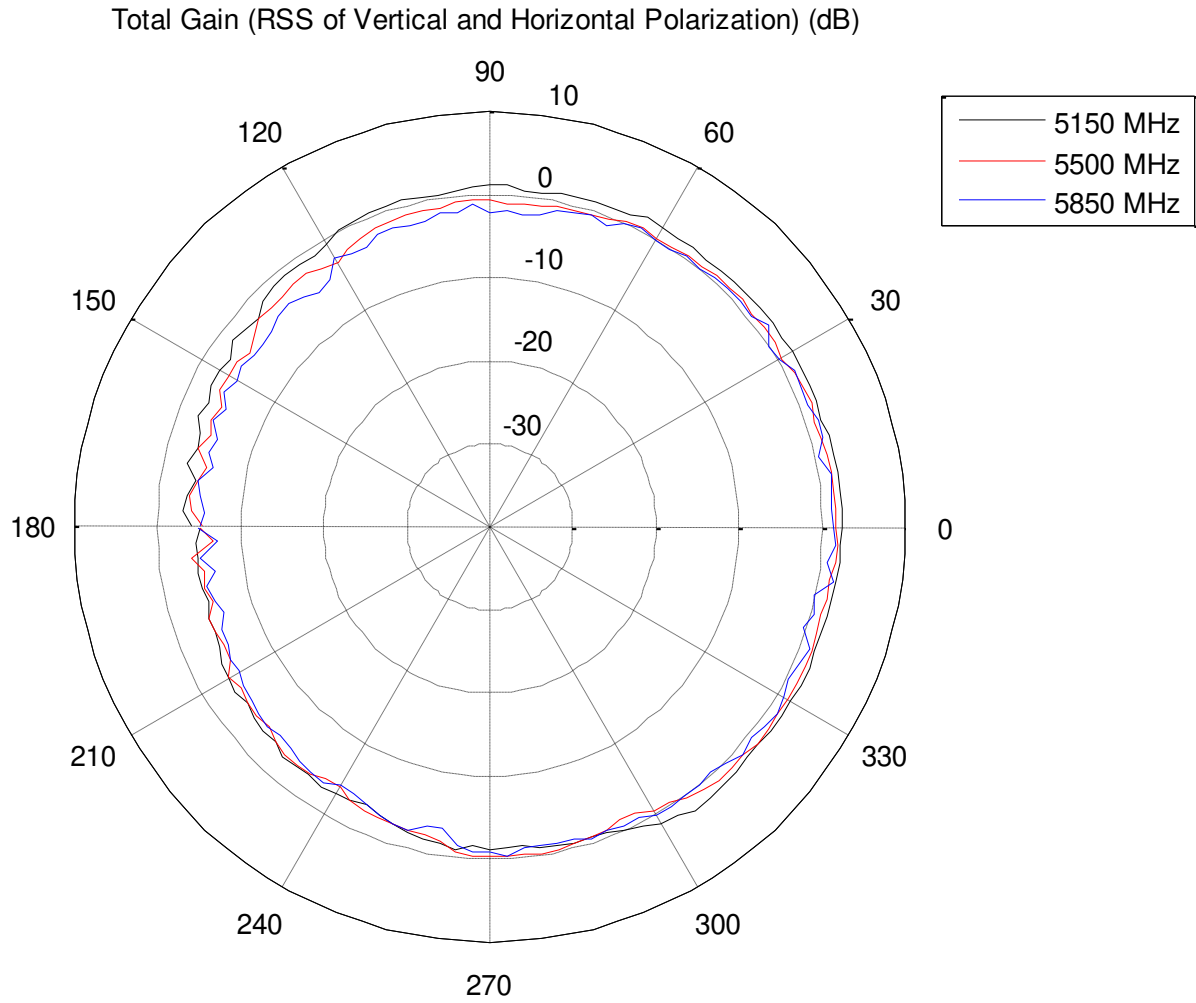


Figure 7 Typical H-Plane Performance

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