

The Revie Flex (EFF692SA3S) is a flexible PCB antenna for use in LTE CAT M1 and NB-IoT devices. The antenna is optimized for use when mounted to plastic via the supplied adhesive backing. This antenna operates within 698 - 875 MHz and 1710 – 2500 MHz with excellent radiation performance. The high efficiency ensures reliable connection in a variety of integration environments.

FEATURES AND BENEFITS

- Ground plane independent
- Optimized for LTE CAT M1 and NB-IoT
- Wide bandwidth, pairs with all radios in specified frequency range
- Excellent efficiency: >51%
- Easy peel-and-stick Integration
- Alternative connectors and cable lengths available

ELECTRICAL SPECIFICATIONS

Laird Part Number	EFF692SA3S	
Operating Frequency (MHz)	698 - 875	1710 - 2500
Number of Ports	1	1
VSWR – Max	2.5:1	2.5:1
Gain (dBi)	1.9	3.7
Efficiency (%)	51	80
Nominal Impedance (Ohms)	50	50
Max Power - Ambient 25°C (W)	5	5
Polarization	Linear	

MECHANICAL SPECIFICATIONS

Dimensions – diameter x height – mm (inches)	90 x 20 x 0.16 (3.54 x 0.79 x 0.006)
Cable Type	1.13 mm
Connector	IPEX MHF1 (u.FL)
Cable Length mm	153
Adhesive Type	3M 467MP

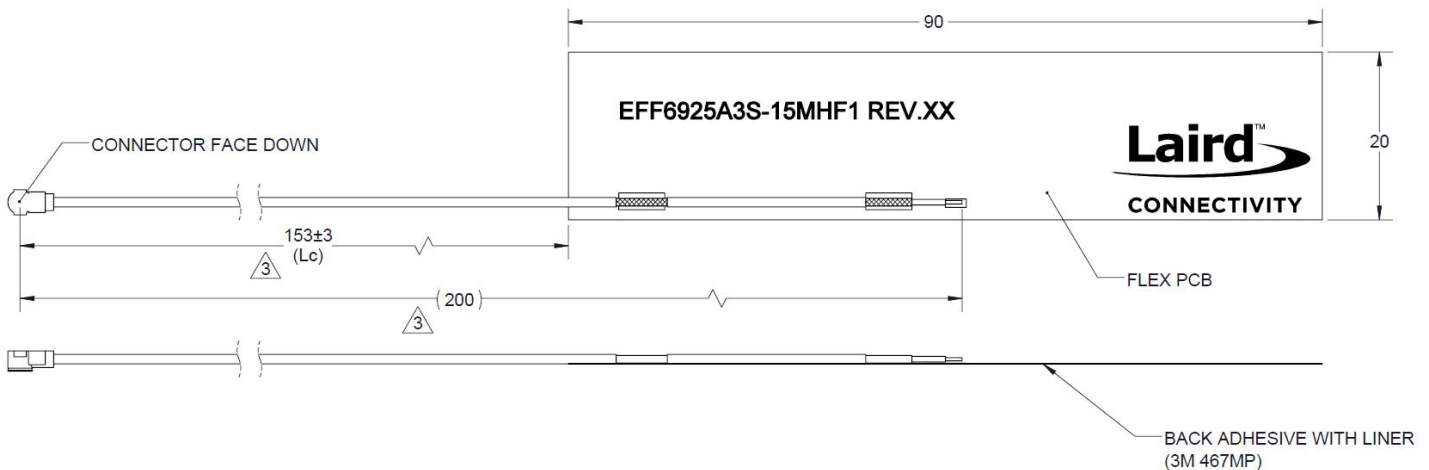
ENVIRONMENTAL SPECIFICATIONS

Operating Environment (Indoor or Outdoor)	Integrated/embedded
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CONFIGURATION

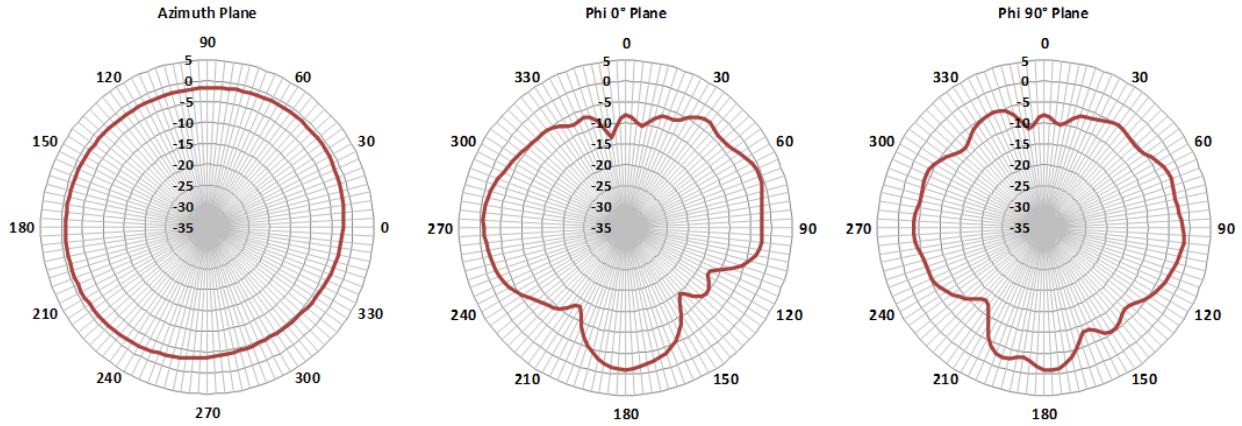
PART NUMBER	CABLE LENGTH	CONNECTOR
EFF6925A3S-15MHF1	153	IPEX MHF1 (u.FL)

MECHANICAL DRAWING

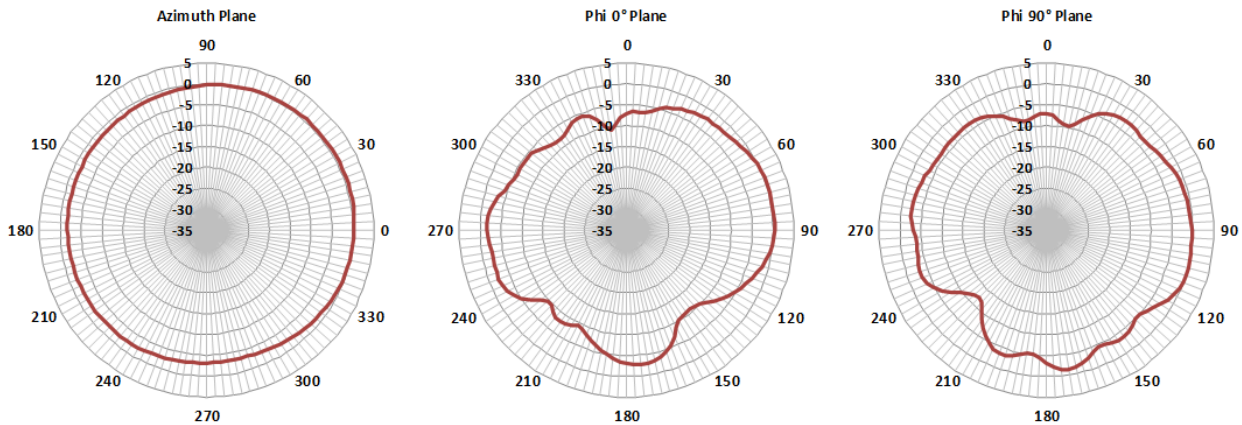


RADIATION PATTERNS

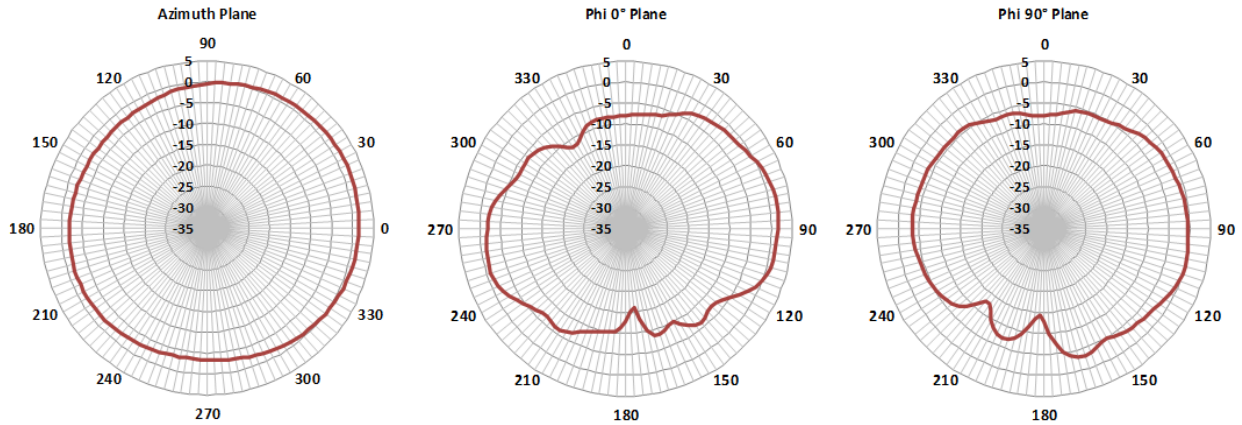
698 MHz



746 MHz

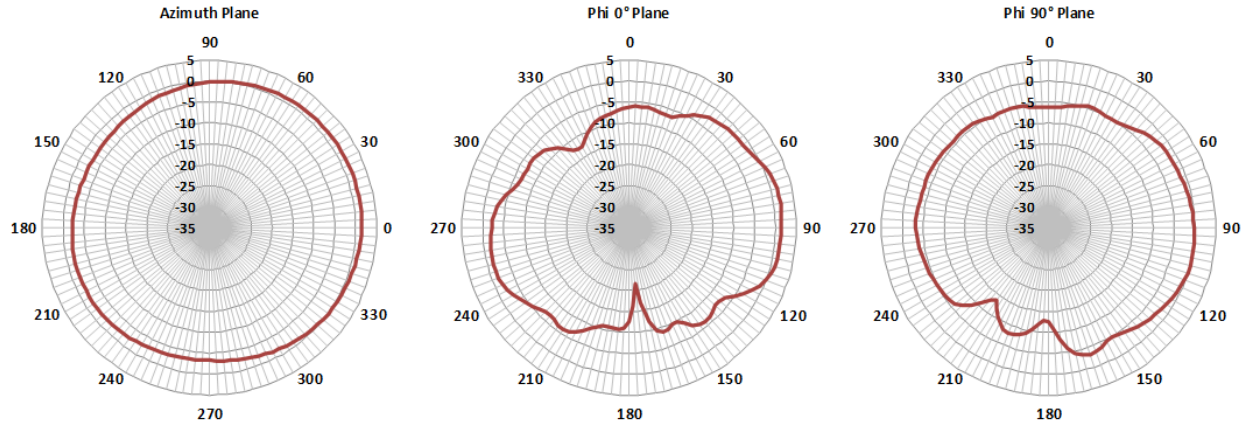


787 MHz

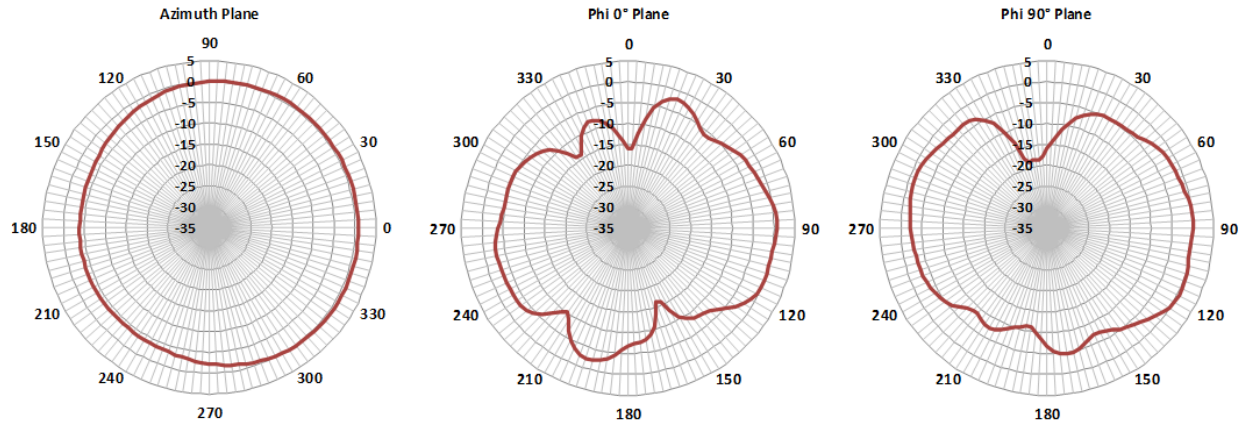


RADIATION PATTERNS

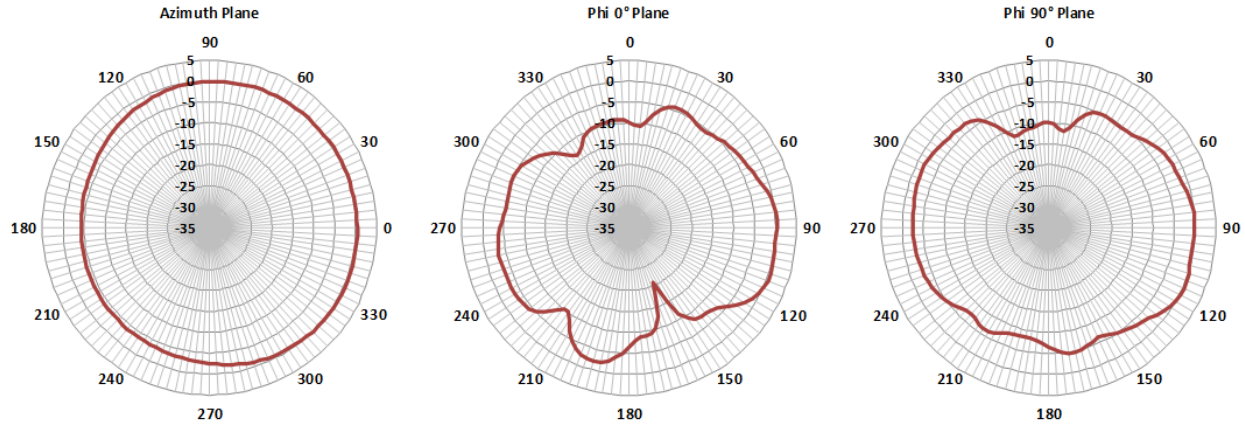
793 MHz



862 MHz

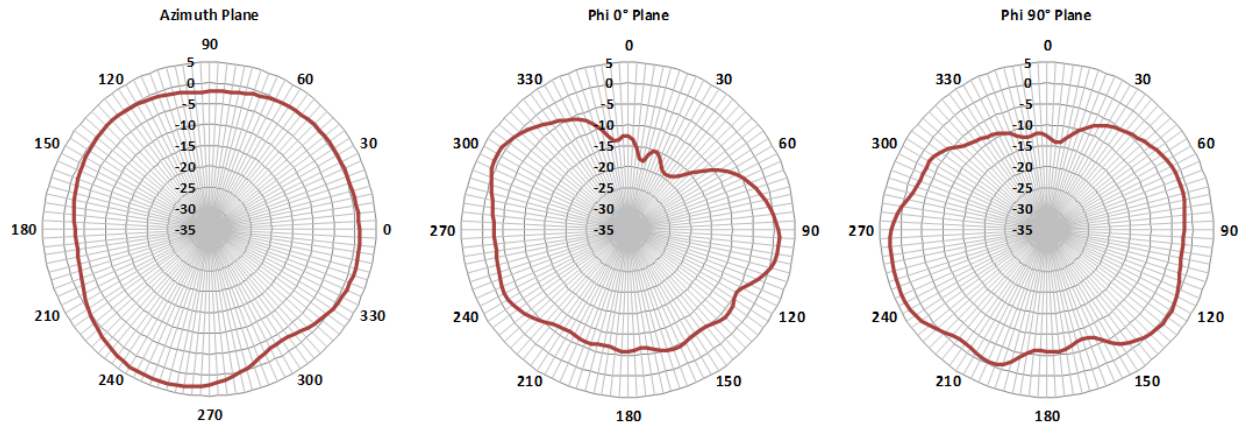


875 MHz

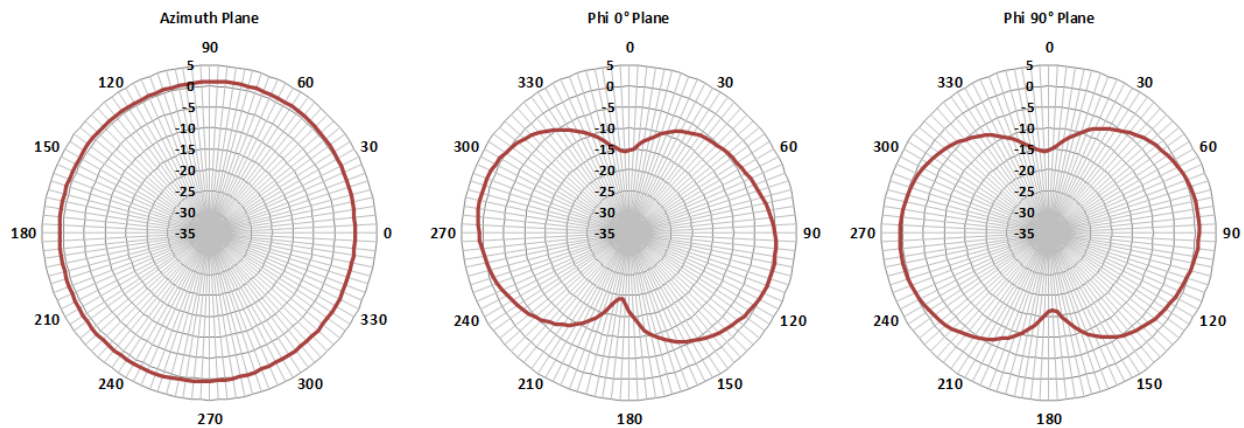


RADIATION PATTERNS

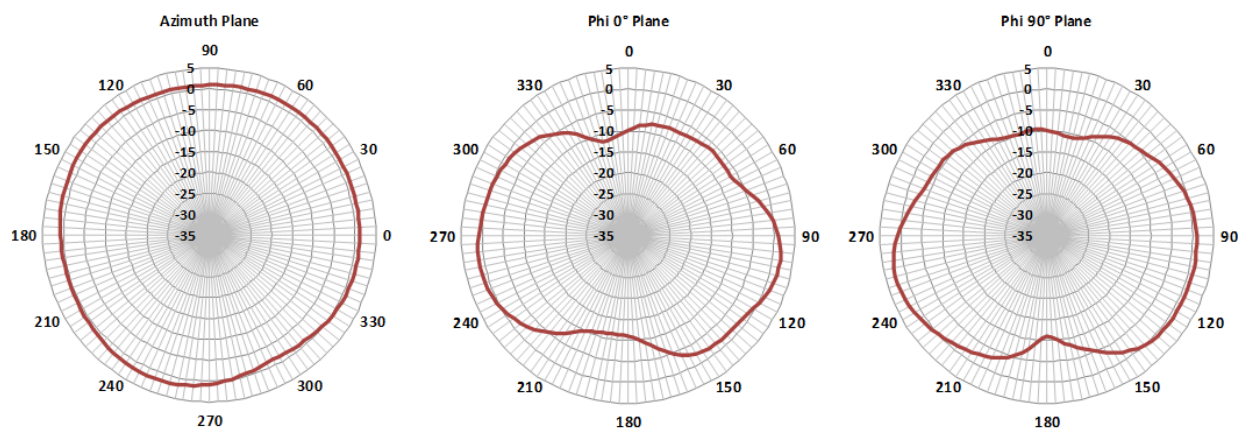
1710 MHz



1850 MHz

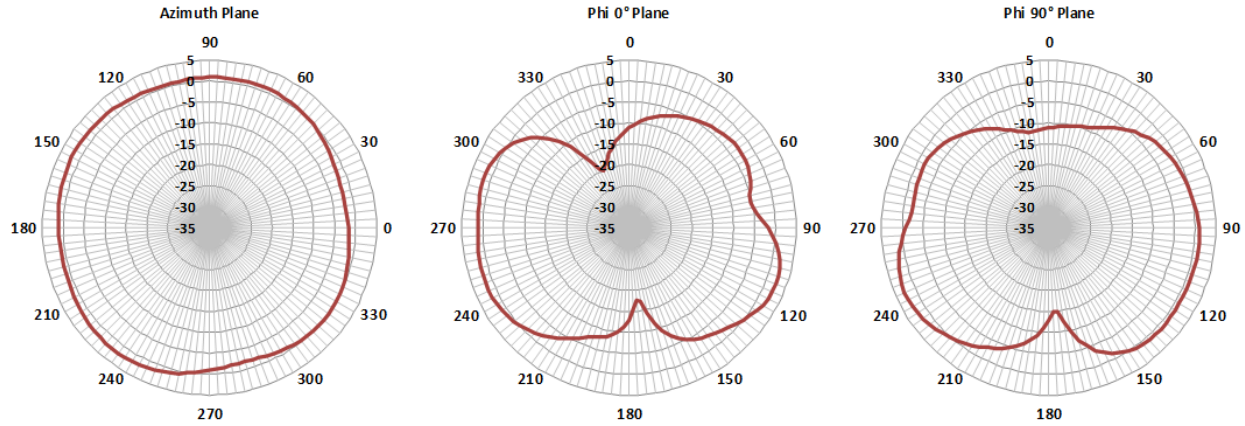


1990 MHz

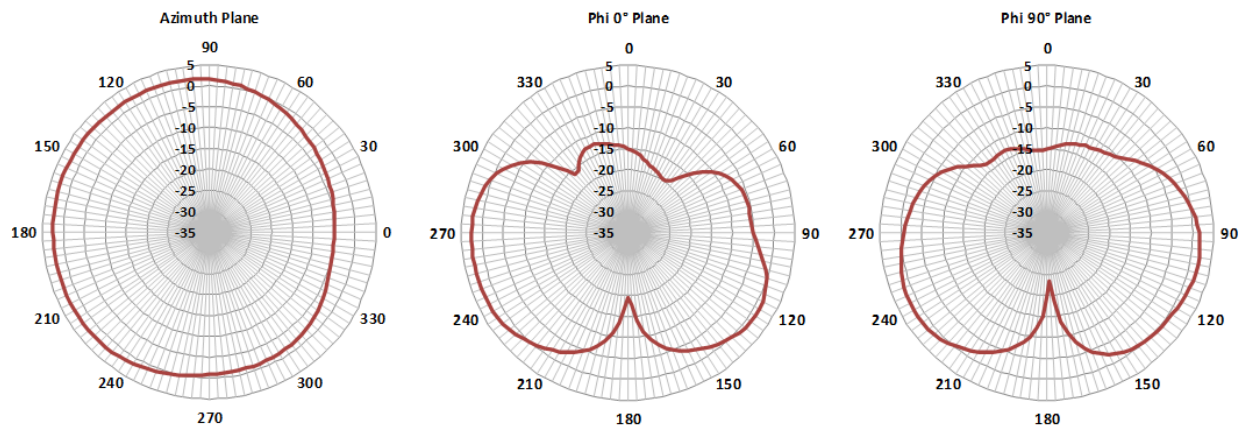


RADIATION PATTERNS

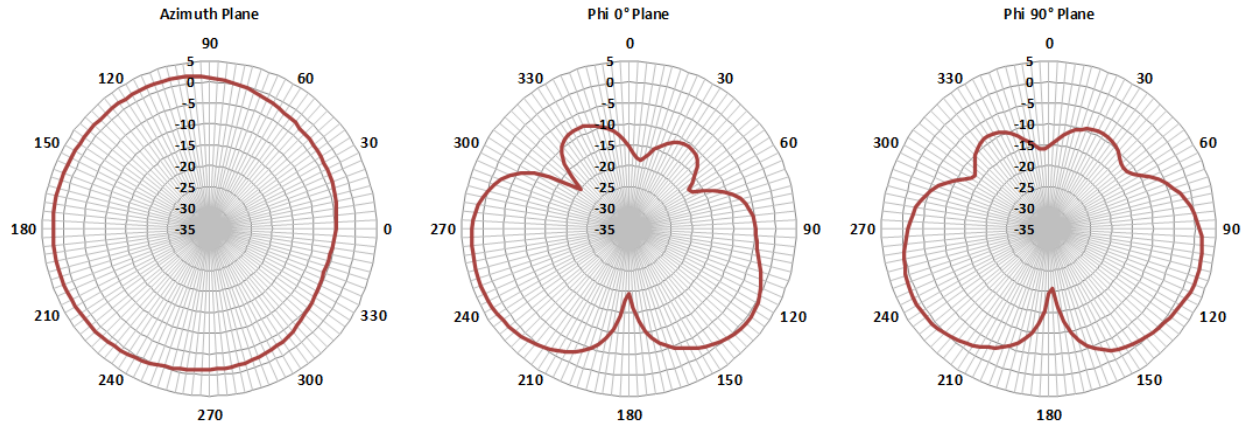
2155 MHz



2400 MHz



2500 MHz



Americas: +1.847.839.6925
IAS-AmericasSales@lairdtech.com
Europe: +44.1628.858941
IAS-EUSales@lairdtech.com
Asia: IAS-AsiaSales@lairdtech.com
Middle East and Africa: +44.1628.858941
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