

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

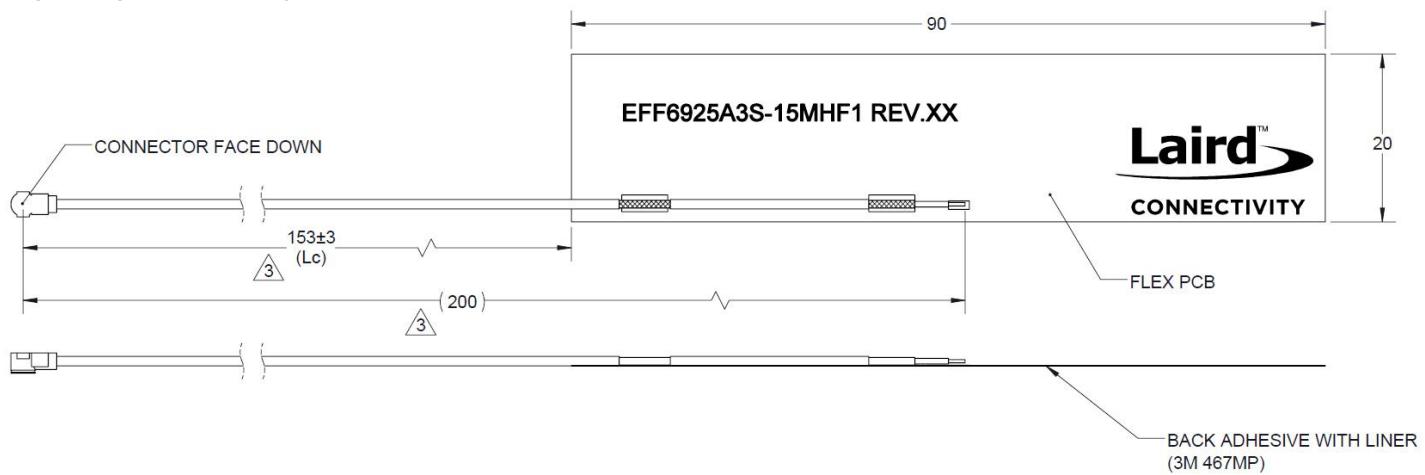
ENVIRONMENTAL SPECIFICATIONS

Operating Environment (Indoor or Outdoor)	Integrated/embedded
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CONFIGURATION

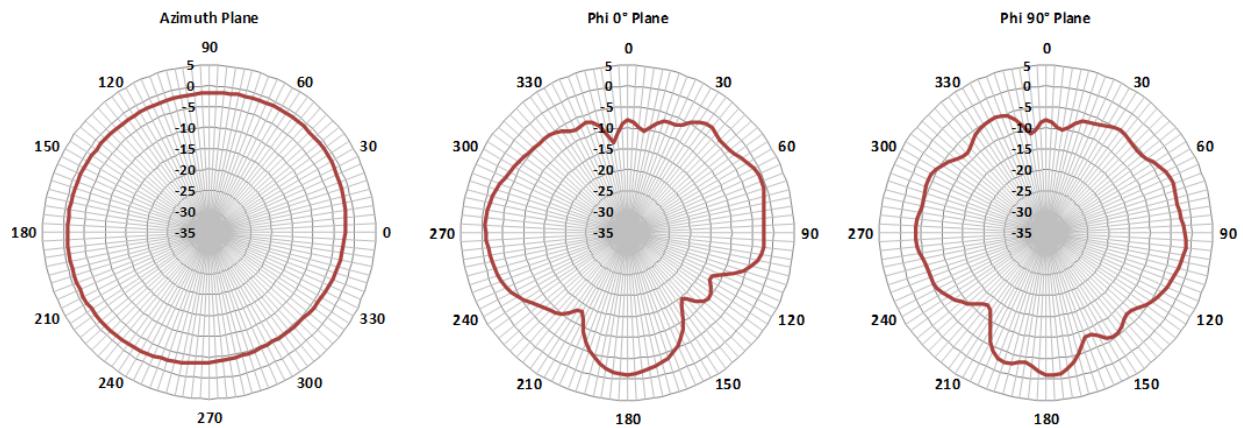
PART NUMBER	CABLE LENGTH	CONNECTOR
EFF6925A3S-15MHF1	153	IPEX MHF1 (u.FL)

MECHANICAL DRAWING

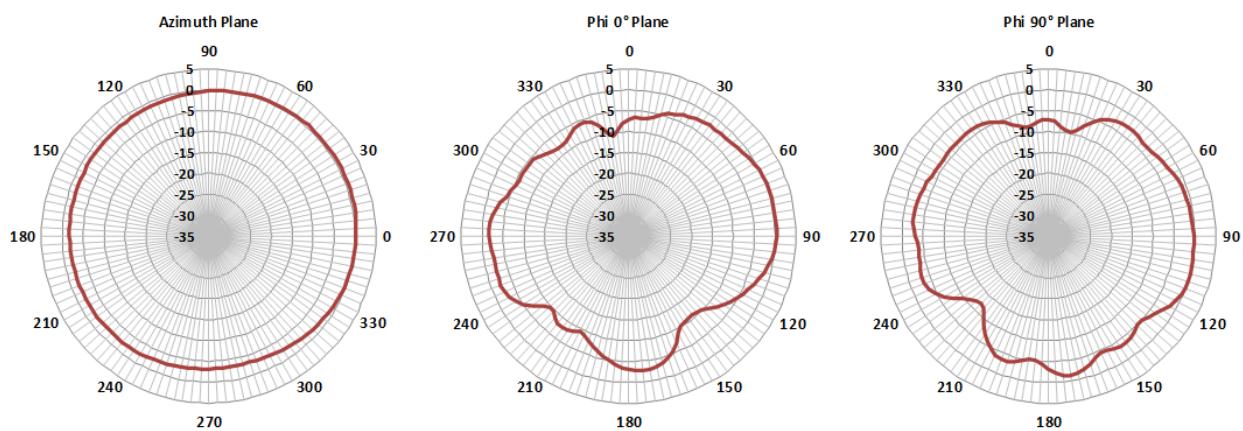


RADIATION PATTERNS

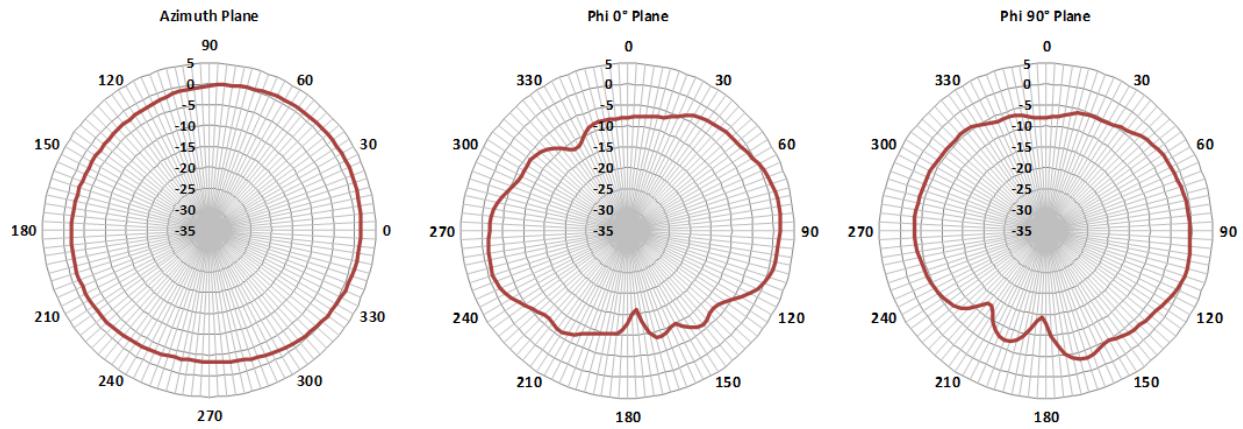
698 MHz



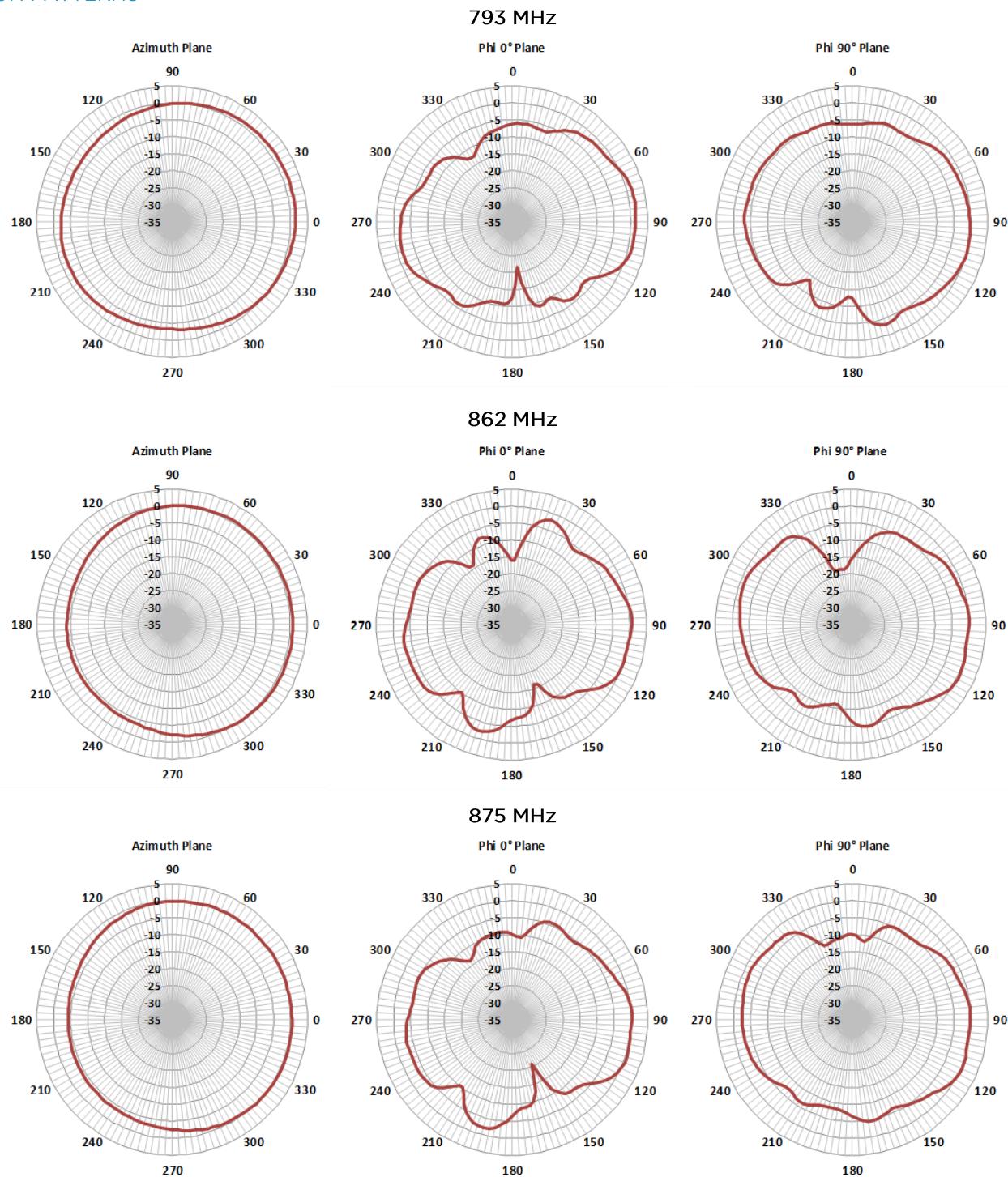
746 MHz



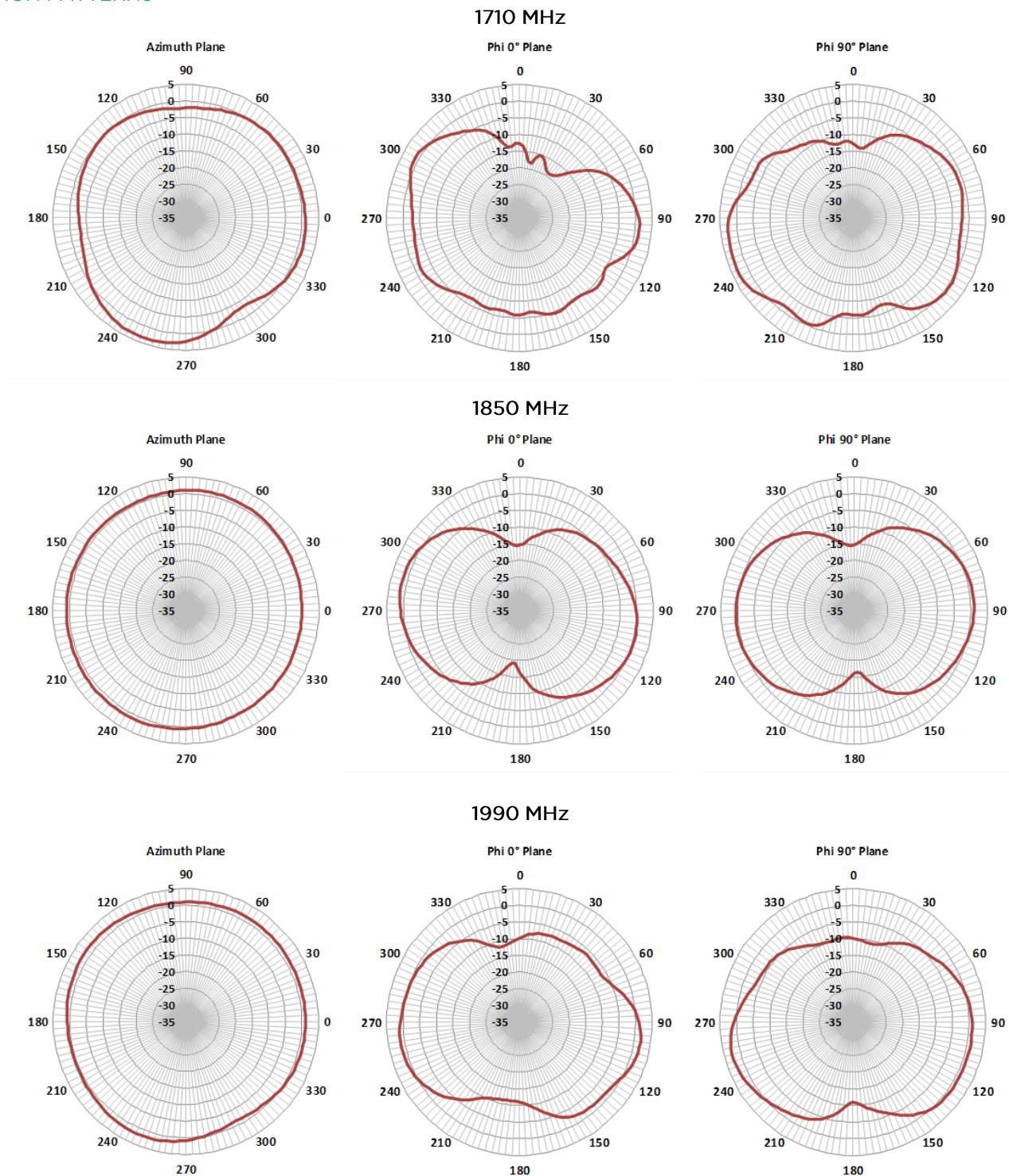
787 MHz



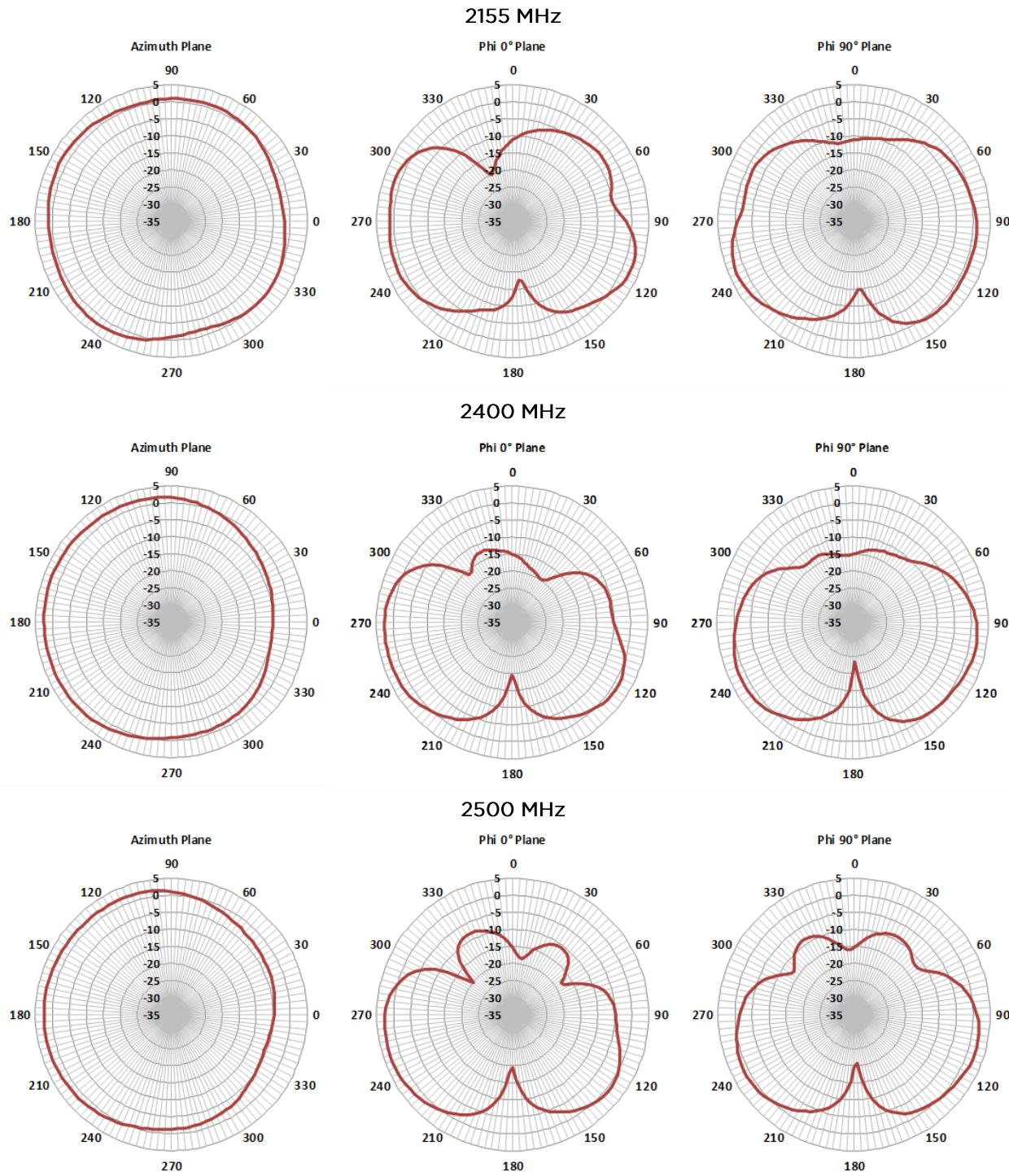
RADIATION PATTERNS



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