

LAIRD CONNECTIVITY IS AN **AUTHORITY**
IN CUSTOMER ANTENNA INTEGRATION SUPPORT



The Revie 600 family of peel-and-stick flexible adhesive-backed antennas are premium antennas supporting global 5G customers. This antenna family covers global cellular bands for various 5G and older applications. The antennas are optimized for use when mounted to plastic via the supplied adhesive backing. These high-efficiency antennas ensure reliable connections for high data throughput in a variety of integration environments.

FEATURES AND BENEFITS

- Optimized performance for all 5G bands
- Ground Plane Independent
- High efficiency for ease of carrier certification

APPLICATIONS

- 5G NR devices
- LTE-M, Cat M, Cat M1, NB-IoT
- CBRS, GNSS bands supported.

ELECTRICAL SPECIFICATIONS

Laird Connectivity Part Number	EFF6060A3S-15MHF											
Operating Frequency (MHz)	600-698	698-806	806-894	880-960	1350-1580	1550-1610	1690-1880	1850-1990	1910-2180	2300-2700	3300-4200	4900-6000
Gain (dBi) – Avg	0.7	2.3	2.4	3.0	2.9	3.6	3.2	2.6	2.7	3.0	3.7	5.3
Gain (dBi) – Max	2.0	2.5	2.7	3.2	3.8	3.8	3.7	2.8	2.9	3.8	4.7	6.9
Efficiency (%) – Avg	49	64	64	67	73	78	74	77	76	64	61	67
Efficiency (dB) – Avg	-3.1	-1.9	-1.9	-1.7	-1.4	-1.1	-1.3	-1.1	-1.2	-1.9	-2.1	-1.8
VSWR – Avg	2.3	1.7	1.8	1.5	2.3	1.7	1.6	1.5	1.7	1.6	1.8	1.7
VSWR – Max	<2.5:1											
Nominal Impedance (Ohms)	50											
Polarization	Linear vertical											
Azimuth Beamwidth	360°, Omnidirectional											
Input Power (W) – Max	5											

Note: Measured on a 60 x 260 x 1.7 mm polycarbonate sheet.

MECHANICAL SPECIFICATIONS

Dimensions – L x W x H – mm (inches)	130.4 x 30.4 x 0.3 (5.13 x 1.20 x 0.01)
Connector	U.FL / MHF1
Cable Exposed Length – mm (in.)	150 (5.91)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature – °C (°F)	-30 to +70°C (-22 to +158°F)
Storage Temperature – °C (°F)	-40 to +85°C (-40 to +185°F)
Material Substance Compliance	RoHS

CONFIGURATION

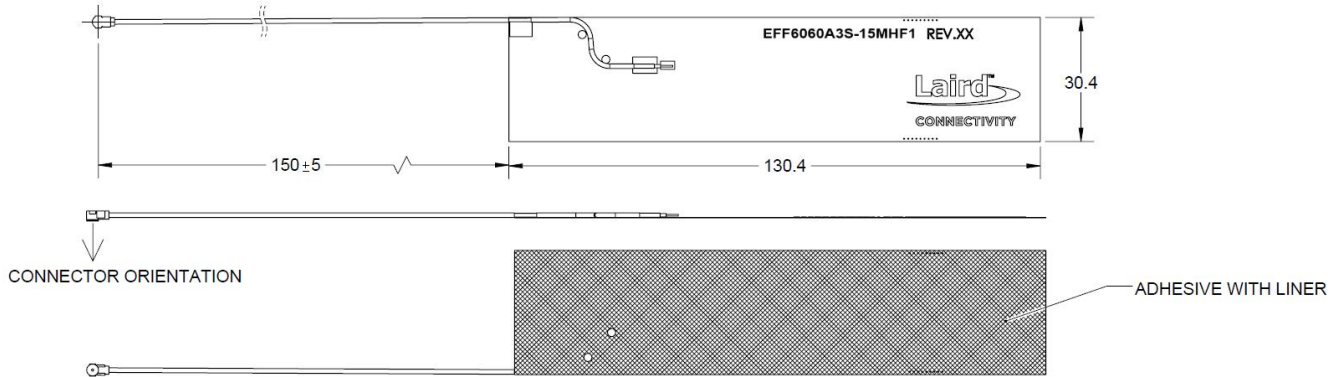
PART NUMBER	EXPOSED CABLE LENGTH	CONNECTOR	PACKAGING
EFF6060A3S-10MHF1	100 mm +/- 3 mm (3.94 +/- 0.12 in.)	MHF1 / U.FL or equivalent	20 pieces / bag
EFF6060A3S-15MHF1	150 mm +/- 5 mm (5.91 +/- 0.2 in.)	MHF1 / U.FL or equivalent	20 pieces / bag
EFF6060A3S-20MHF1	200 mm +/- 7 mm (7.87 +/- 0.28 in.)	MHF1 / U.FL or equivalent	20 pieces / bag

For EFF6060A3S-10MHF1 and EFF6060A3S-20MHF1 RF performance details, refer to the Revie 600 application note available from the Laird Connectivity Revie 600 product page.

PACKAGING INFORMATION

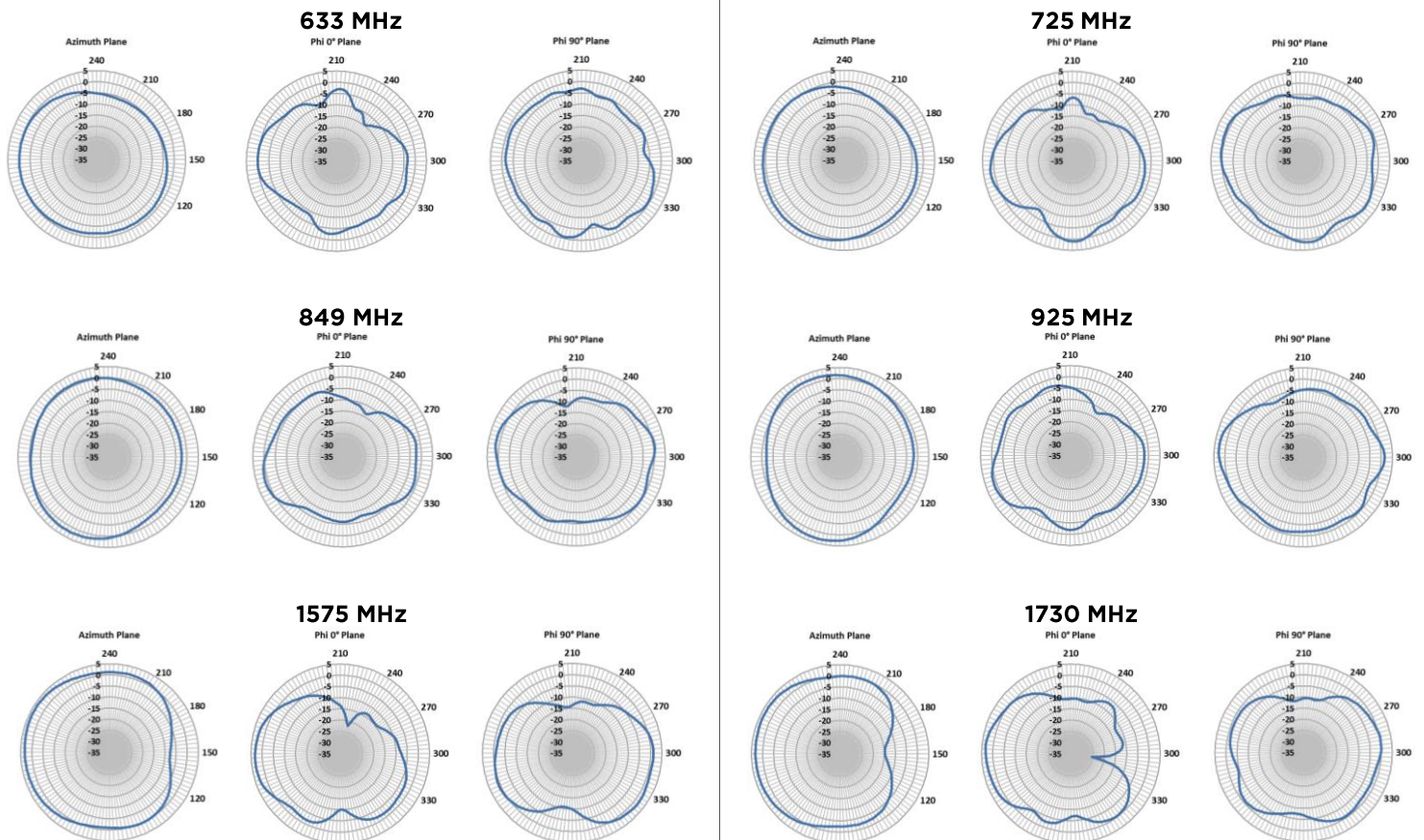
	BAG	CARTON	MASTER PACK	AIR PALLET	OCEAN PALLET
Number of Antennas	20 antennas	10 bags / 200 antennas	8 cartons / 1600 antennas	14400	38400
Dimensions – mm (in.)	209.6 x 187.5 (8.25 x 7.38)	250 x 125 x 145 (9.84 x 4.92 x 5.71)	526 x 305 x 266 (20.71 x 12.01 x 10.47)	1200 x 800 x 1024 (47.24 x 31.5 x 40.31)	1200 x 800 x 1325 (47.24 x 31.5 x 52.17)
Weight – kg (lb.)	0.057 (0.13)	0.57 (1.26)	4.56 (10.05)		

MECHANICAL DRAWING



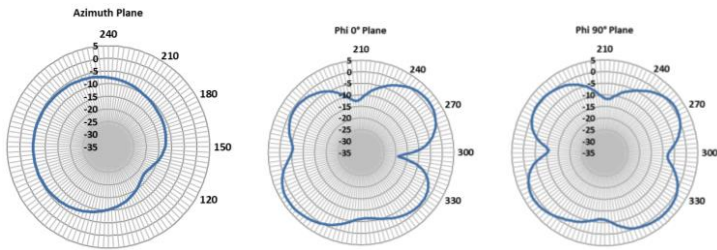
RADIATION PATTERNS - EFF6060A3S-15MHF1

Note: For EFF6060A3S-10MHF1 and EFF6060A3S-20MHF1 radiation patterns, refer to the Revie 600 application note available from the Laird Connectivity Revie 600 product page.

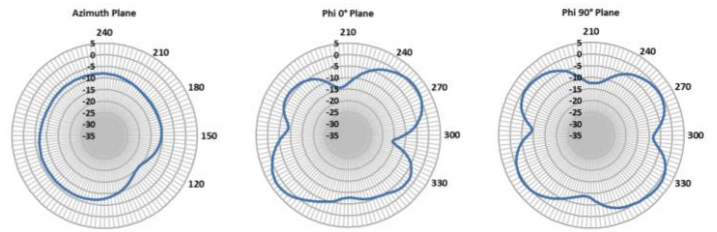


RADIATION PATTERNS - EFF6060A3S-15MHF1

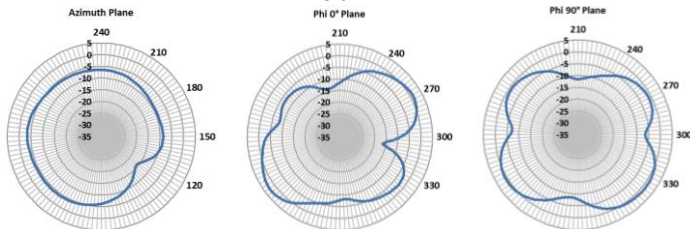
2140 MHz



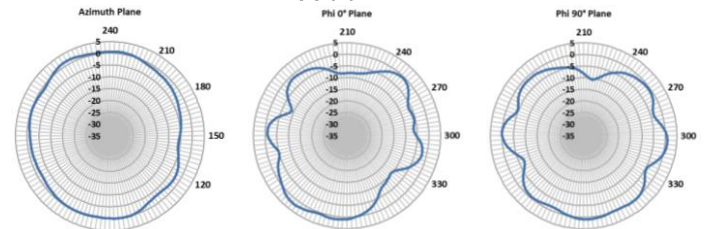
2300 MHz



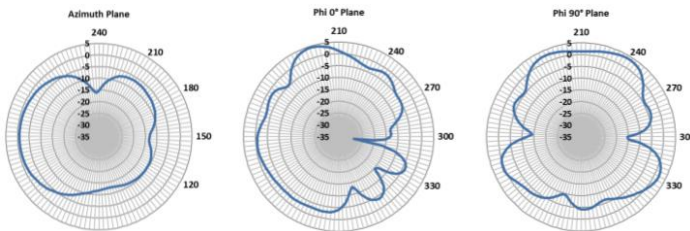
2450 MHz



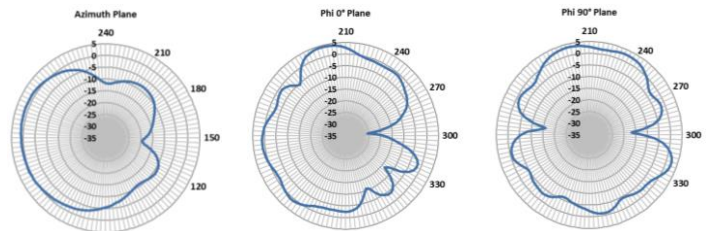
3500 MHz



5150 MHz



5500 MHz



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