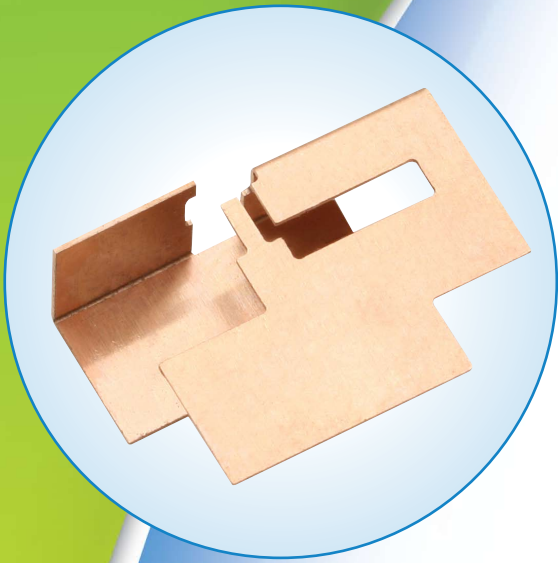


Airgain)))



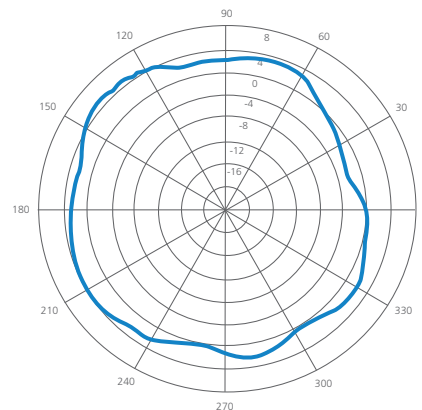
Ultra 540 Antenna

High gain, stamped metal embedded antenna for easy integration

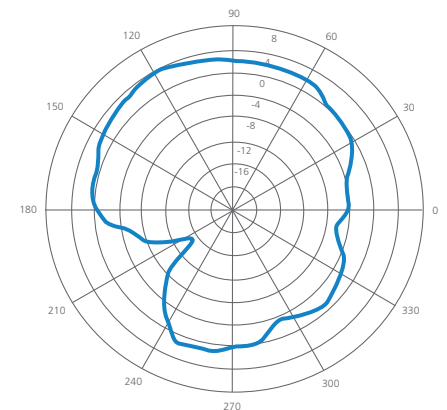
Based on Airgain's patented technology, the Ultra 540 embedded antenna provides a high efficiency, embedded antenna solution for Wi-Fi and ISM applications in the 5GHz band. As efficient embedded antenna solutions become the focus of next generation wireless product design, the Ultra 540 antenna provides the combination of small size with top performance. This antenna was designed to accommodate most WLAN applications, such as access points, routers, and gateways. The Ultra 540 can be easily integrated into an ID design, or onto a PCB assembly.

ANTENNA RADIATION PATTERNS

AZIMUTH



ELEVATION



FEATURES

- › 802.11 a/n standard
- › On-board mount or case mounting
- › 4 dBi peak gain

BENEFITS

- › Eliminates external dipole
- › Enables quick integration
- › Achieves high efficiency

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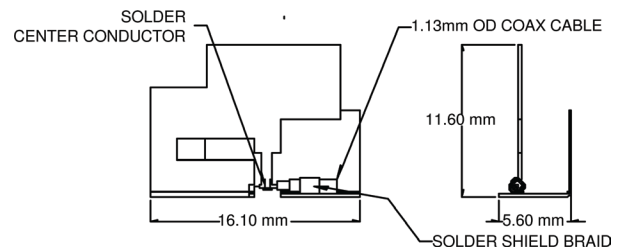
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Expanding the Range of Wireless Possibilities

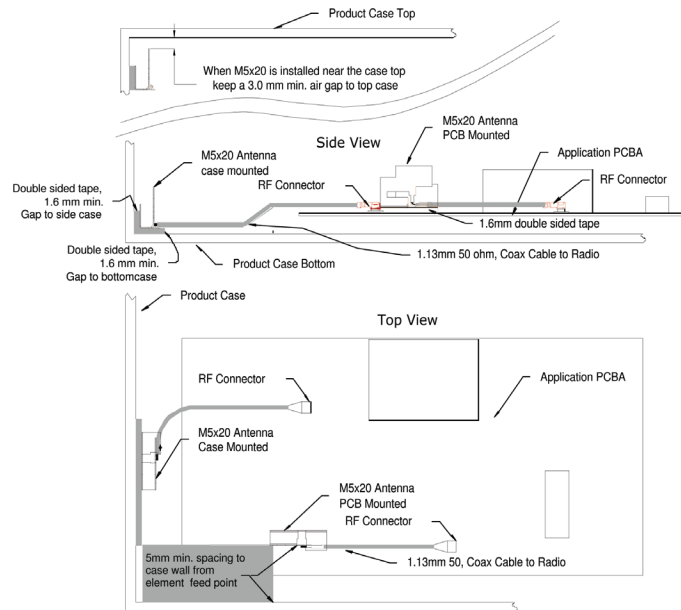
PRODUCT SPECIFICATIONS	
Standard	IEEE 802.11n and 802.11 a
Frequency Band	4.9 to 5.9 GHz
Peak Gain	4.0 dBi
VSWR	2:1 Max
Feed Impedance	50 Ohms
Power Handling	30 dBm
Interface	Soldering pads for 50 ohm, 1.13mm diameter, micro coax cable
Dimensions	5.6 x 16.1 x 11.6 (mm)
Weight	1.5 g (0.06 oz)

MECHANICAL DIMENSIONS



MOUNTING

Ultra 540 antennas can be simply mounted on a case or application PCBA. This simplifies ID design and also shortens product cycle.



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