

# Airgain)))

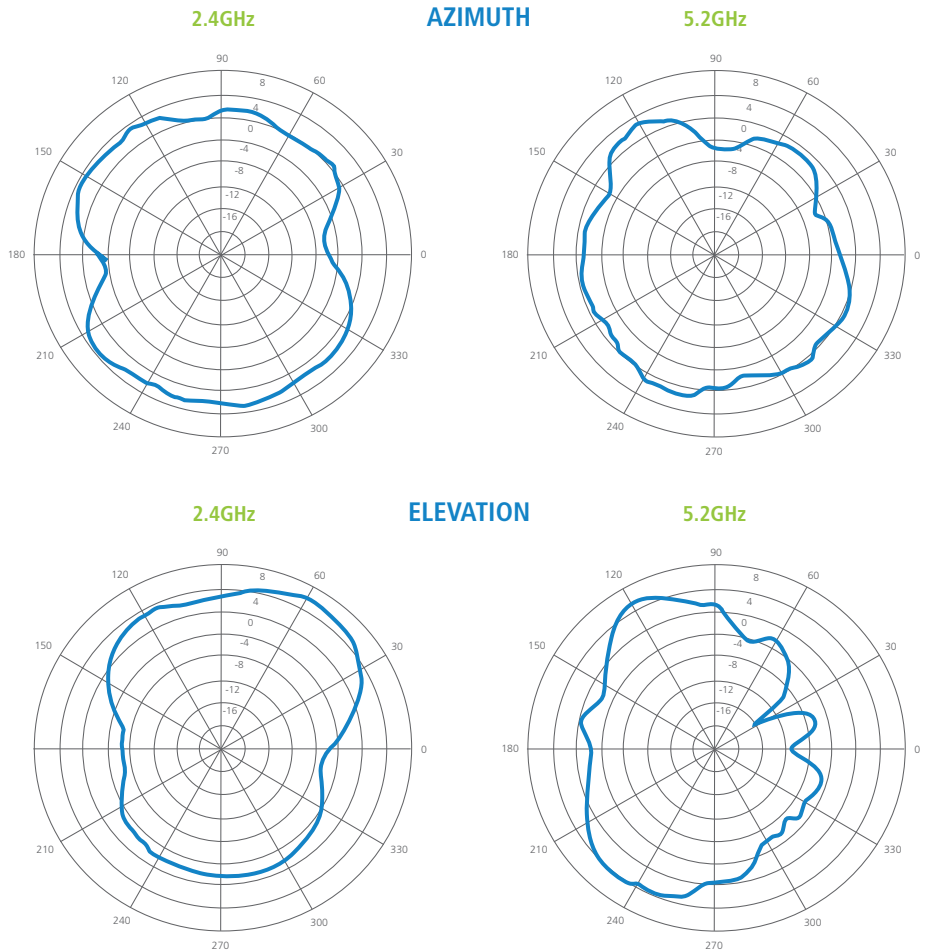


## Ultra 60DB Antenna

High gain, PCB mounted embedded antenna for easy integration

Based on Airgain's patented technology, the Ultra 60DB Dual Band Embedded Antenna provides a high efficiency, embedded antenna solution for Wi-Fi and ISM band applications. As embedded antenna solutions become the focus of next generation wireless product design, the Ultra 60DB provides the flexibility of an embedded antenna with top performance. This antenna was designed to accommodate most WLAN access point applications, such as routers and gateways. The Ultra 60DB can be easily integrated onto a board in a product design.

### ANTENNA RADIATION PATTERNS



### FEATURES

- 802.11 a/b/g/n standard-compatible
- On-board mounting along any board edge
- 4 dBi peak gain

### BENEFITS

- Eliminates external dipole
- Enables quick integration
- Achieves high performance

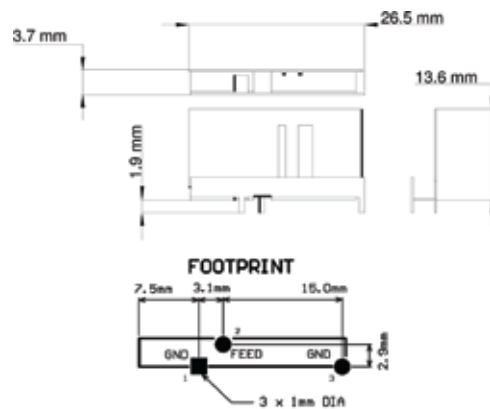
**Airgain USA**  
 sales@airgain.com  
 1930 Palomar Point Way, Suite 107  
 Carlsbad, CA 92008  
 +1 760 579 0200

**Airgain Taiwan**  
 asiasales@airgain.com  
 7F, No. 506, Syecian Road  
 Shulin City, Taipei County 23853  
 Taiwan, R.O.C.  
 +2 2929 4460

Expanding the Range of Wireless Possibilities

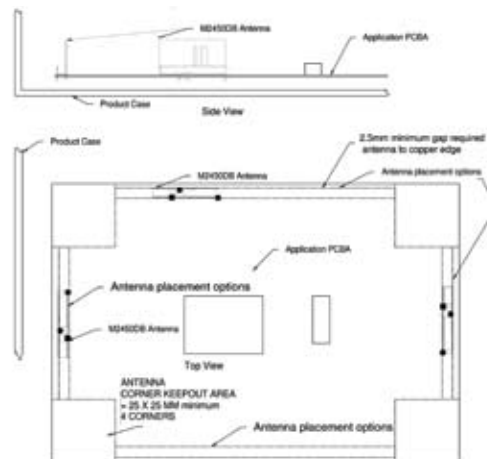
PRODUCT SPECIFICATIONS	
Standard	IEEE 802.11a/b/g/n
Frequency Band	2.4 to 2.49 GHz, 4.9 to 5.9GHz
Peak Gain	4.0 dBi @2.44GHz, 4.0 dBi @5.2GHz
VSWR	2:1 Max
Feed Impedance	50 Ohms
Power Handling	30 dBm
Interface	1 Through Hole soldering pin for transmission line connections on pcb
Dimensions	3.7 x 13.6 x 26.5 (mm)
Weight	1 g (0.04 oz)

## MECHANICAL DIMENSIONS



## MOUNTING

Ultra 60DB antennas can be simply mounted on a printed circuit board. This simplifies ID design and also shortens product cycle. Antenna performance remains consistent over different mounting locations along the edges of the application PCB.



Information in this document is provided in connection with Airgain™ products. No license, express or implied, to any intellectual property rights is granted by this document. Except as provided in Airgain's Terms and Conditions of Sale for such products, Airgain assumes no liability whatsoever, and Airgain disclaims any express or implied warranty, relating to sale and/or use of Airgain products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. Airgain may make changes to specifications and product descriptions at any time, without notice. for the most current product information, please visit: [www.airgain.com](http://www.airgain.com)

Copyright ©2008. Airgain, Inc. All rights reserved. Airgain and the Airgain logo are trademarks of Airgain, Inc. DS/Ult60DB/0109