

Features:

- * Wide bandwidth and high gain in a compact size
- * Enhanced hemispherical pattern improves RF link reliability of portable devices.
- * Surface-mount design available in tape-and-reel packaging for low-cost automated pick-and-place assembly.

Description:

The 100961 is a surface-mount dual-band antenna intended for use in *Bluetooth*, 802.11a and 802.11 b applications. This antenna provides excellent performance at a low cost.

Specifications:

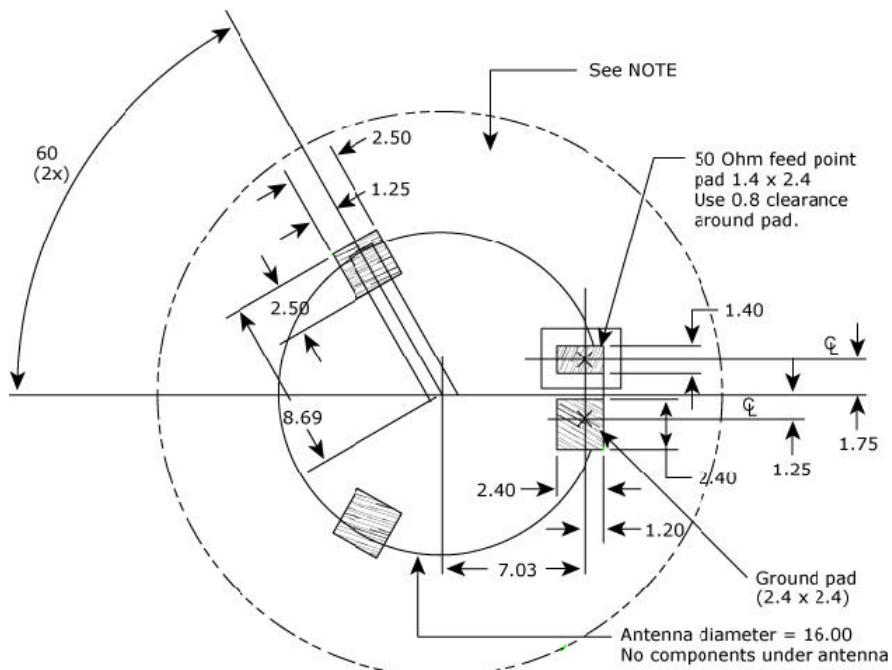
Frequency Range (MHz):	2400-2500 MHz 5100-5900 MHz
Peak Gain:	>+2dBi
VSWR:	<2.5 : 1
Polarization:	Linear
Powerhandling:	10-watt cw
Feedpoint Impedance:	50 Ohms
Weight:	<1g
Dimensions:	Height 6mm Diameter 16mm

Contact Information:

Tyco Electronics
9565 Soquel Drive
Aptos, CA 95003

Phone: 831.661.4200
Fax: 831.661.4201
Web: <http://antenna.tycoelectronics.com>

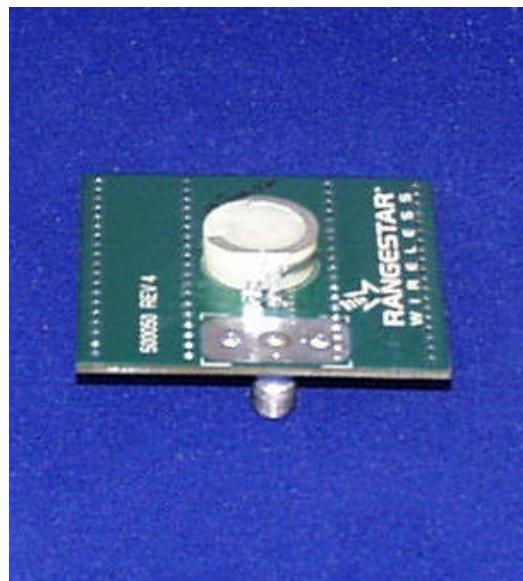
Mounting:



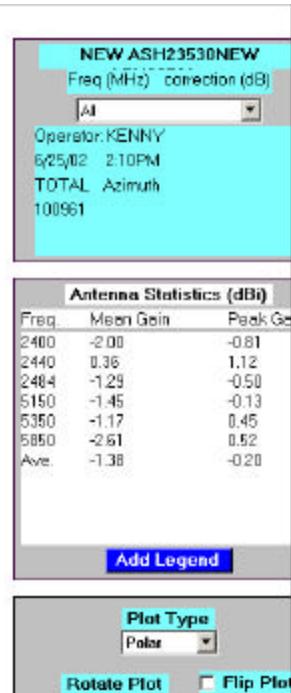
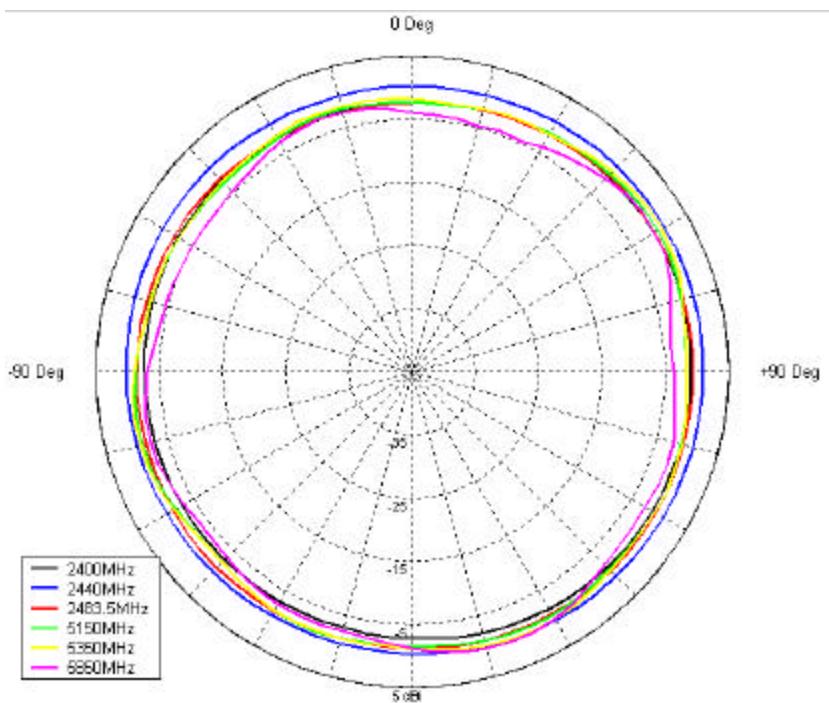
Pad layout
Scale 4 : 1

(Dimensions in mm)

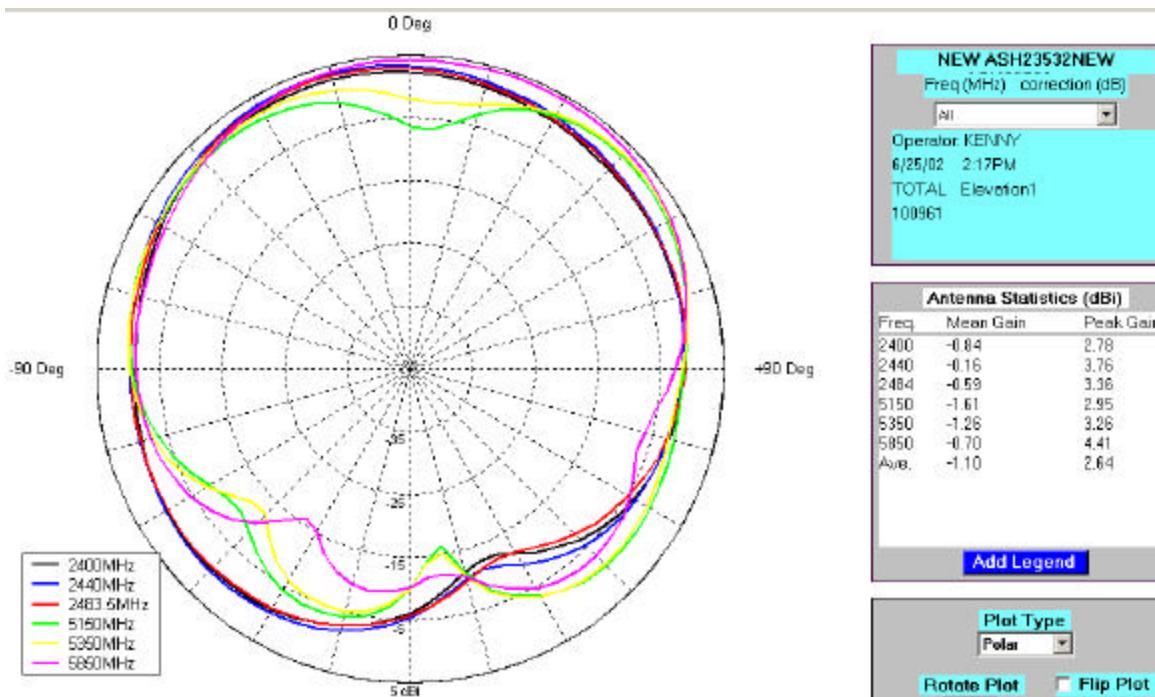
Antenna Testing Orientation:



Azimuth Plot (Total Gain):



Elevation 1 (Total Gain):



Elevation 2 (Total Gain):

