

2400 – 2500 & 5150 – 5875 MHz Dual Band Antenna
 (802.11 a/b/g/n, includes frequencies of Bluetooth, ZigBee, and Wi-Fi products)

Part Number: 2108305-1

Product Facts

- This BT antenna Provides the most reliable Easy-to-use
- RoHS compliant
- Available in tape & reel



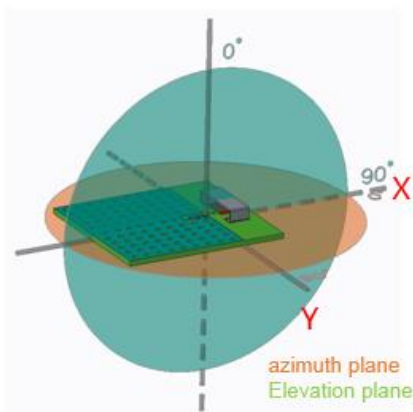
Recommendations

- Minimum matching circuits required
- This antenna provides very high performance and broad bandwidth.
- Bandwidth and performance is dependent on ground plane size.

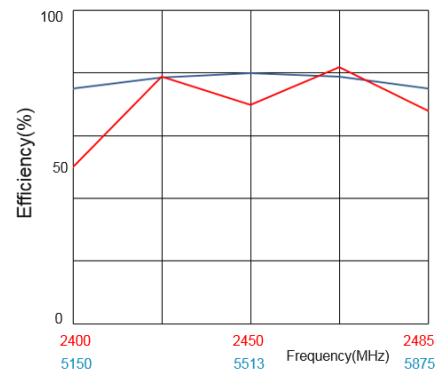
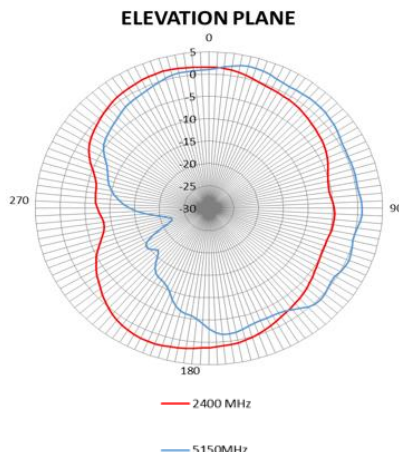
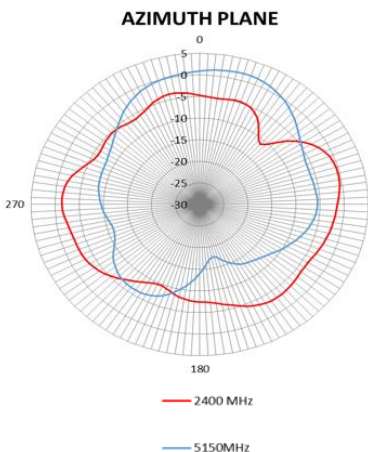
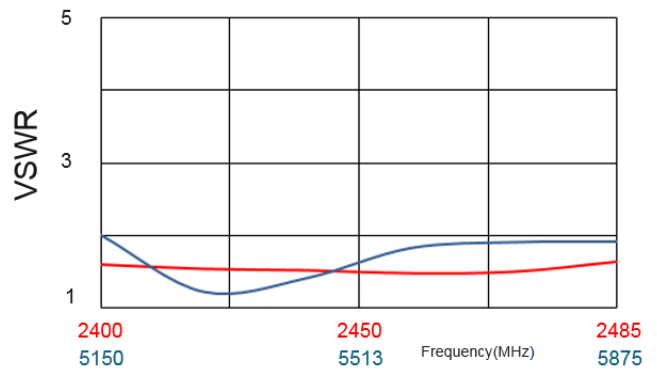
Specifications

Frequency Range(MHz) -- 2400-2500; 5150-5875	Feed Point Impedance—50 ohms
Peak Gain-- +2.8dBi; +4.4dBi	Size—11.7*4.0*2.5mm
VSWR-- <2.0:1	Weight— 0.185g
Azimuth Beam width — Omni directional	Mounting—Surface-mount
Power Handling— 10 Watt cw	Keep Out Area—See diagram on page 2
	Reflow Temperature : 240°C Pb free solder process capable
	Operating Temperature : -40~+85°C

Test Orientation in Free Space



VSWR

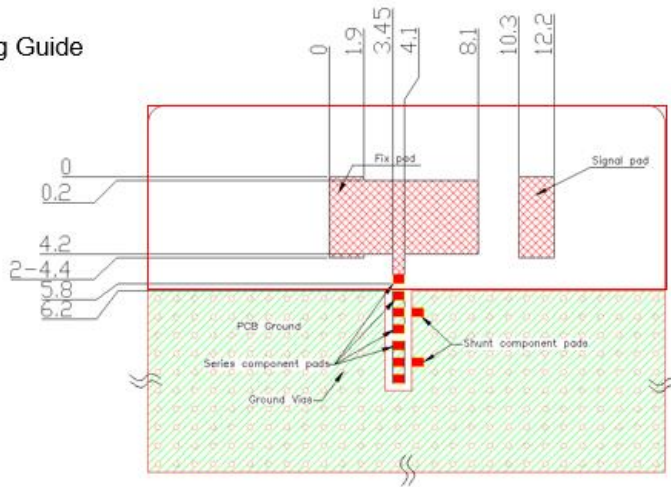


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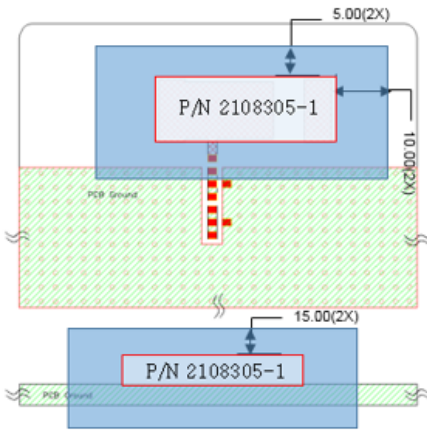
Mounting Guide



- NOTES: 1. Suggested matching component pads.
 2. Antenna must be mounted on the edge of PCB.
 3. NC = No connection (mechanical mounting pads).
 4. No copper allowed in designated area on all PCB layers –
 5. For more information please call TE.

Dimensions: mm
 Diagram is not to scale

Keep Out Area



Dimensions: mm
 Diagram is not to scale

Approx. Dimensions

