



## WTS 2450

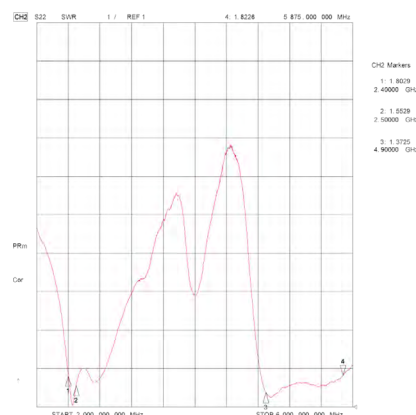
### External Two-Way Radio Antenna

#### FEATURES

- Covers 2.4 to 2.5 GHz for 802.11b, and 4.9 to 6 GHz for 802.11a and all US, European, and Japanese WLAN applications
- Omni-directional patterns at all frequencies with increased gain in upper bands for optimal coverage

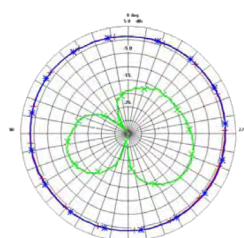
| PARAMETER         | SPECIFICATIONS                                                                       |
|-------------------|--------------------------------------------------------------------------------------|
| Frequency         | 2.4 - 2.5 GHz 4.9 - 5.875 GHz                                                        |
| Gain              | 2.1 dBi (2.45 GHz)<br>2.4 dBi (4.9 GHz)<br>2.6 dBi (5.25 GHz)<br>3.4 dBi (5.875 GHz) |
| Polarization      | Vertical, Omni-directional                                                           |
| Nominal Impedance | 50 ohms                                                                              |
| VSWR              | 2:1 max across all bands                                                             |
| Size              | 95.9 mm (180° straight)<br>or 75.4 mm (90° bent) x 9.3 mm dia.                       |

#### VSWR

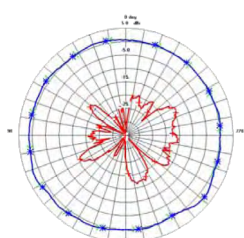


## FREQUENCIES AND CONNECTOR

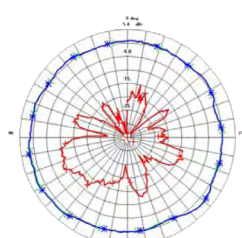
| MODEL #         | PART #   | COLOR | CONNECTOR |
|-----------------|----------|-------|-----------|
| WTSB2450- RPSMA | MAF94051 | Black | RP-SMA    |
| WTS2450- RPSMA  | MAF94110 | White | RP-SMA    |
| WTSB2450- SMA   | MAF94271 | Black | SMA       |



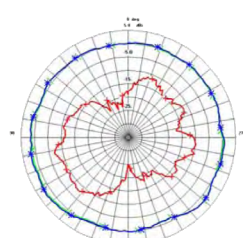
Azimuth  
2.45 GHz



Azimuth  
4.9 GHz



Azimuth  
5.25 GHz



Azimuth  
5.75 GHz

### TE TECHNICAL SUPPORT CENTER

|                   |                       |
|-------------------|-----------------------|
| USA:              | +1 (800) 522-6752     |
| Canada:           | +1 (905) 475-6222     |
| Mexico:           | +52 (0) 55-1106-0800  |
| Latin/S. America: | +54 (0) 11-4733-2200  |
| Germany:          | +49 (0) 6251-133-1999 |
| UK:               | +44 (0) 800-267666    |
| France:           | +33 (0) 1-3420-8686   |
| Netherlands:      | +31 (0) 73-6246-999   |
| China:            | +86 (0) 400-820-6015  |

### te.com

TE Connectivity, TE Connectivity (logo) and Every Connection Counts are trademarks. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.

©2021 TE Connectivity. All Rights Reserved.

12/21 Original