

## Antenna Information

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This antenna shall be used with the radio within the end product (see Figure 3).

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| <b>Manufacturer</b>        | Linx Technologies Inc.   |
| <b>Manufacturer Part #</b> | ANT-2.4-CW-RCS   |
| <b>Gain</b>                | -0.2dBi  |
| <b>Type</b>                | Whip, right angle  |
| <b>Description</b>         | 2.4GHz Bluetooth, Thread, Wi-Fi, Zigbee™ Whip, Right Angle RF Antenna 2.35GHz ~ 2.5GHz -0.2dBi RP-SMA Male Connector Mount |

### Attributes

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|---|---|
| <b>RF Family/Standard</b>   | 802.15.4, Bluetooth, Wi-Fi  |
| <b>Frequency Group</b>  | UHF (2GHz ~ 3GHz)   |
| <b>Frequency (Center/Band)</b>                                      | 2.4GHz  |
| <b>Frequency Range</b>  | 2.35GHz ~ 2.5GHz  |
| <b>Number of Bands</b>  | 1   |
| <b>VSWR</b>   | 1.9   |
| <b>Termination</b>  | RP-SMA Male   |
| <b>Mounting Type</b>  | Connector Mount   |
| <b>Height (Max)</b>   | 2.106" (53.50mm)  |
| <b>Applications</b>   | Bluetooth, Thread, Wi-Fi, Zigbee™                                       |
| <b>Minimal separation of antenna to person(s) during operation?</b> | 4.5 cm  |
| <b>Is it close to the limbs, head, or torso when transmitting?</b>  | Antenna can be no closer than 4.5 cm from limb when used as instructed. |



Figure 1: Actual Part Image

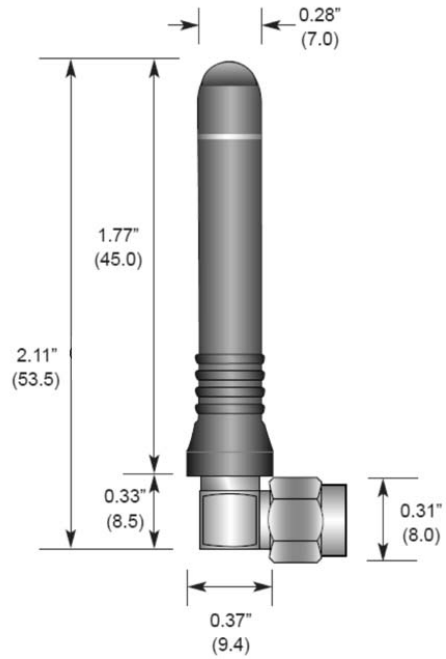


Figure 2: Antenna Dimensions

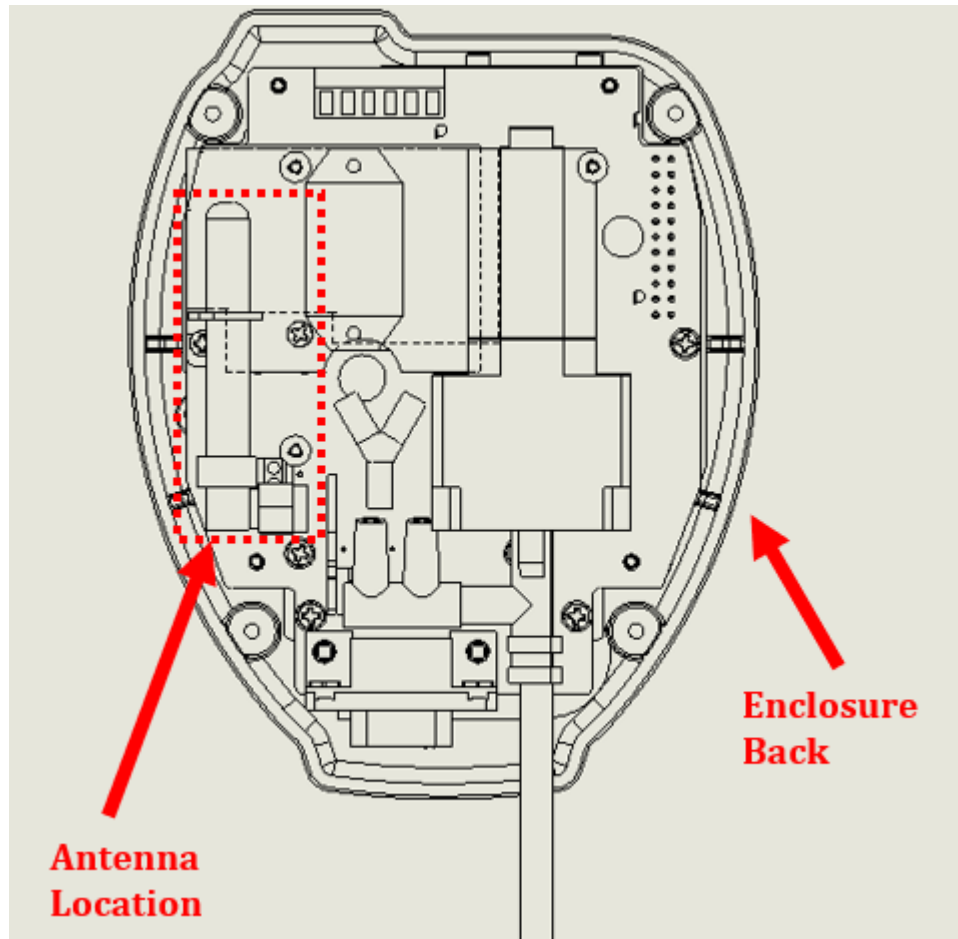


Figure 3: Internal Layout