



# Meshtastic Open Source Project

## Community Published Antenna Test Report

### Product Data

<b>Manufacturer</b>	Linx Antennas	<b>Supplier</b>	Mouser Electronics
<b>Manufacturer Part No</b>	ANT-916-CW-HW-SMA	<b>Supplier Part No</b>	712-ANT-916-CW-HWSMA
<b>Manufacturer Description</b>	SMA 1/2 Wave Dipole (1.2 dBi)	<b>Purchase Date</b>	1/24/2022
<b>Manufacturer Freq Spec</b>	900-930MHz Recommended	<b>Purchase Cost</b>	\$9.89 USD
<b>Manufacturer Datasheet</b>	<a href="https://linxtechnologies.com/wp/wp-content/uploads/ant-916-cw-hw.pdf">https://linxtechnologies.com/wp/wp-content/uploads/ant-916-cw-hw.pdf</a>		



Manufacturer Supplied Product Photo



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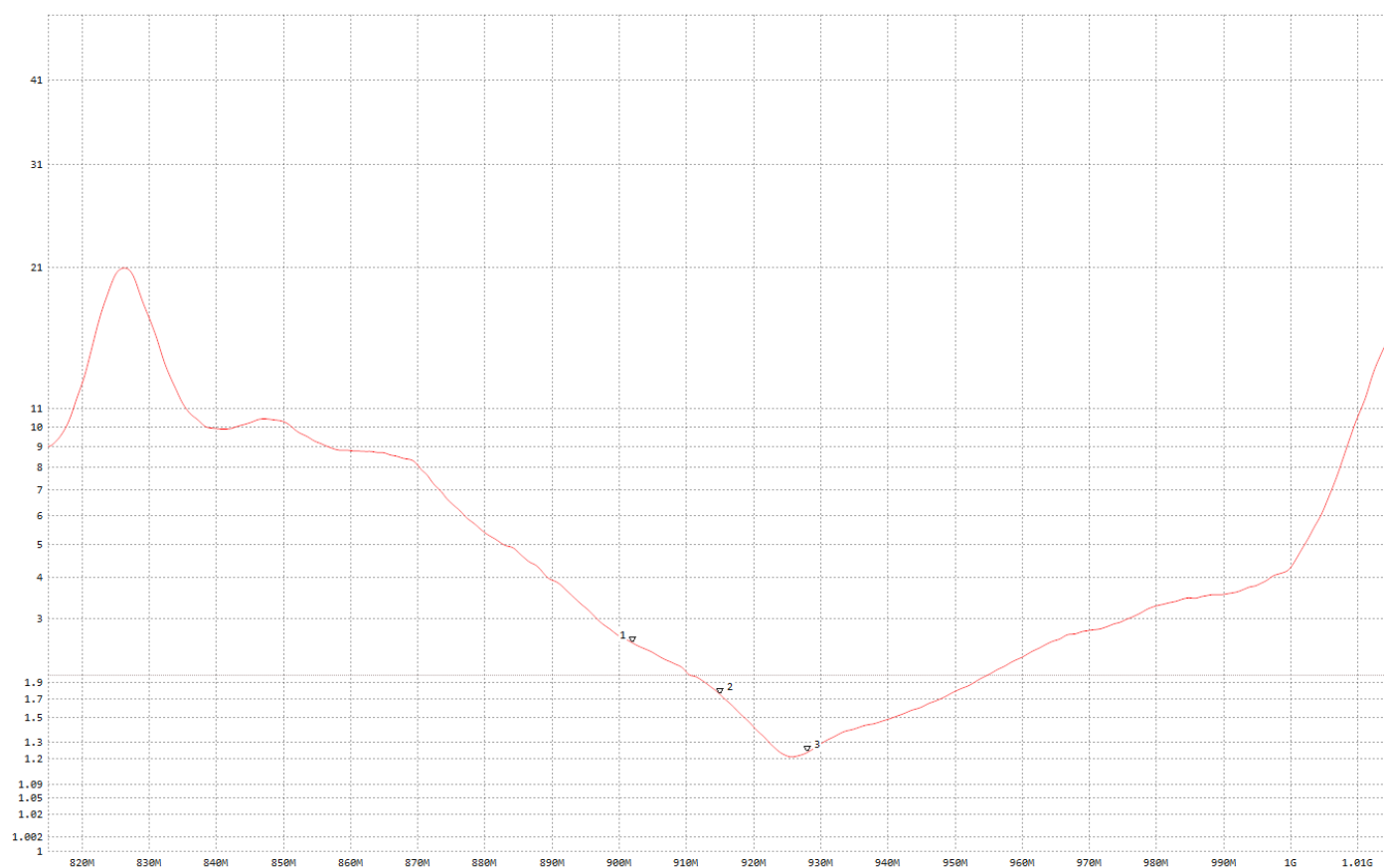
### Test Results

#### VSWR Measurements

902MHz (Marker 1)    2.562 : 1    915MHz (Marker 2)    1.736 : 1    928MHz (Marker 3)    1.236 : 1

Linux Antennas ANT-916-CW-HW-SMA  
Wed 02 Feb 2022 20:36:10

Freq VSWR S11 S11 live



**Notes:** Sample is within the manufacturer's published specification of  $\leq 2.0:1$  VSWR at center of frequency band (915MHz).

Tests Performed By	Ric Letson, NB2E (RicInNewMexico) Github: <a href="https://github.com/RicInNewMexico">https://github.com/RicInNewMexico</a>
Tests Performed On	24 February 2022