



Meshtastic Open Source Project

Community Published Antenna Test Report

Product Data

Manufacturer	Maxtena	Supplier	Mouser
Manufacturer Part No	MEA-915-SW-SMA	Supplier Part No	259-MEA-915-SW-SMA
Manufacturer Description	915MHz 4dBi ISM Screw Mount	Purchase Date	22 February 2022
Manufacturer Freq Spec	902-928 MHz	Purchase Cost	\$10.50
Manufacturer Datasheet	https://maxtena.com/wp-content/uploads/2022/01/MEA-915-SW-SMA.pdf		



Manufacturer Supplied Product Photo



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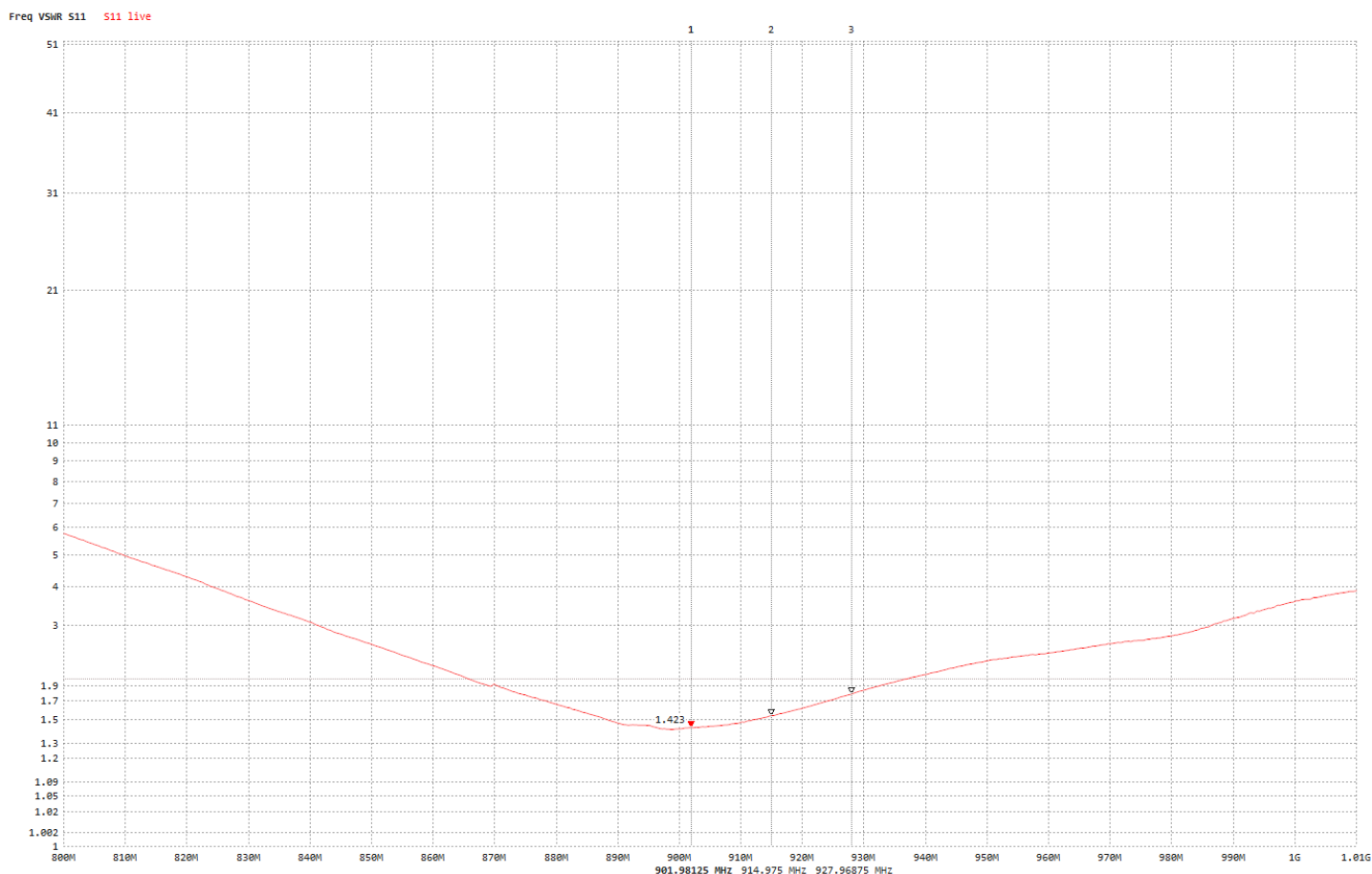
Test Results

VSWR Measurements

902MHz (Marker 1) 1.423 : 1 915MHz (Marker 2) 1.538 : 1 928MHz (Marker 3) 1.789 : 1

Maxtena MEA-915-SW-SMA

Wed 02 Mar 2022 21:21:40



Notes: Although the antenna tested did not conform to the manufacturer's specification of $< 1.4 : 1$ VSWR this is largely due to ground plane size during testing. The VSWR during testing, without ground plane, is still perfectly acceptable for our use.

Tests Performed By	Ric Letson, NB2E Github.com/RicInNewMexico
Tests Performed On	02 March 2022