



# Meshtastic Open Source Project

## Community Published Antenna Test Report

### Product Data

Manufacturer	DIYMall	Supplier	Aliexpress: DIYmalls Store
Manufacturer Part No	DIY0147	Supplier Part No	
Manufacturer Description	5DBi Omni-directional	Purchase Date	2024-06
Manufacturer Freq Spec	868MHz	Purchase Cost	3.64 USD
Manufacturer Datasheet	<a href="https://www.aliexpress.com/item/1005006712636707.html">https://www.aliexpress.com/item/1005006712636707.html</a>		



Manufacturer Supplied Product Photo



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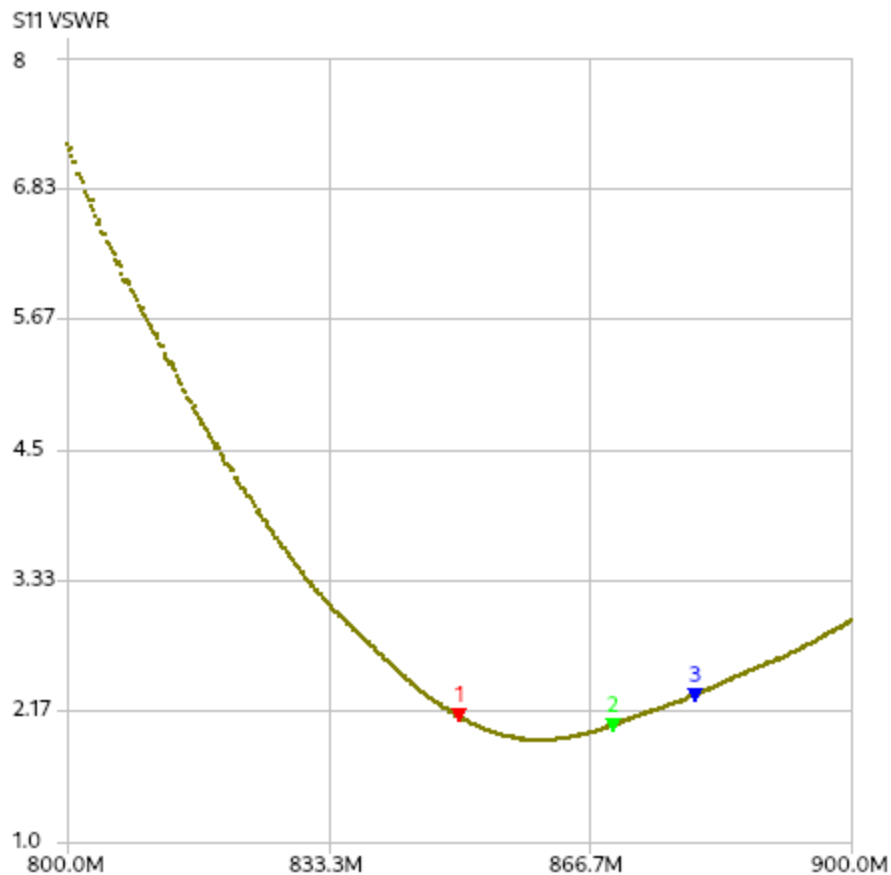
### Test Results

VSWR Measurements

850 MHz(Marker 1) 2.15 : 1

869 MHz(Marker 2) 1.94 : 1

880 MHz(Marker 3) 2.33 : 1



**Notes:** Best result at 90° bend.  
Tested on across 4 antenna's on nanoVNA V2. All antenna's wre consistant with minor differences.  
Averaged Sweep: 9/4 @ 501 points

Tests Performed By	Kirosbr
Tests Performed On	2024-06-20