

VHF UHF MilCom MOTO deploys quickly to establish stealthy Communications with Communities and Emergency EmComm Preparedness.

Use our [Make an Offer Program](#) and Click this button if you can't afford full price.

Make An Offer (Without Options)

Antenna Specifications

- Coverage: 144-148MHz, 420-450MHz, 900MHz, 125-190MHz, and 366.437-1016.437MHz TX/RX
- Power: 100 Watts
- RF Connection: PL-259
- Impedance: 50 OHMs
- Connector: PL-259
- Diameter: 0.433 inches
- Length: 18.75 inches
- Gain/Minimum VSWR on Amateur Radio Frequencies: 2.1dBi/1.22:1 (144MHz), 4.6dBi/1.86:1 (430MHz), 5.5dBi/1.04:1 (900MHz)
- Other Frequencies below 2:1

Included

- 0.433 O.D. MilStick Antenna element for maximum strength
- 3 3/4-inch Heavy Duty Magnet Mount for superior holding strength with hex-wrench
- 16 feet 6 inch, 95% Shielded RG58 A/U Coax with PL-259 connector for direct connection to the radio

Using the Magnetic Mount, easily establish proper vertical polarization for use with mobile to mobile/base or repeaters for high efficiency and uninterrupted range.

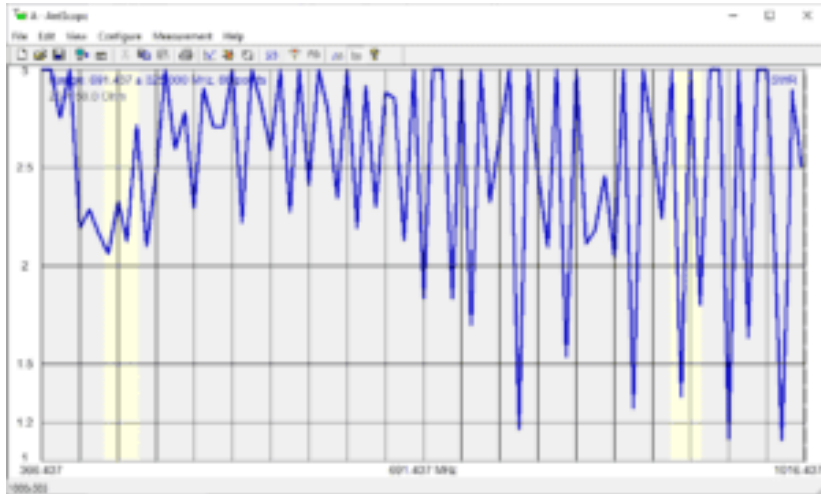
Analysis

Click Images to enlarge.

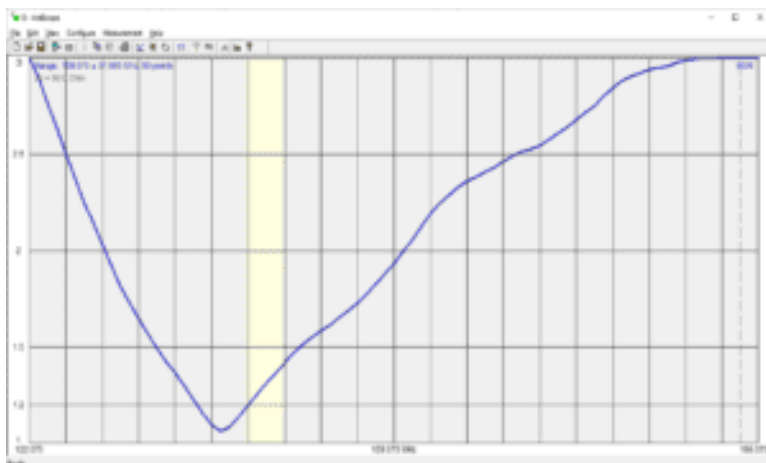
MilCom Frequencies: 125-190MHz and 366.437-1016.437MHz

Amateur Radio Frequencies: 144-148MHz, 420-450MHz, and 900MHz band

VHF UHF Mobile Military Antenna



366.437 to 1016.437 MHz SWR Analysis



125 to 190 MHz SWR Analysis

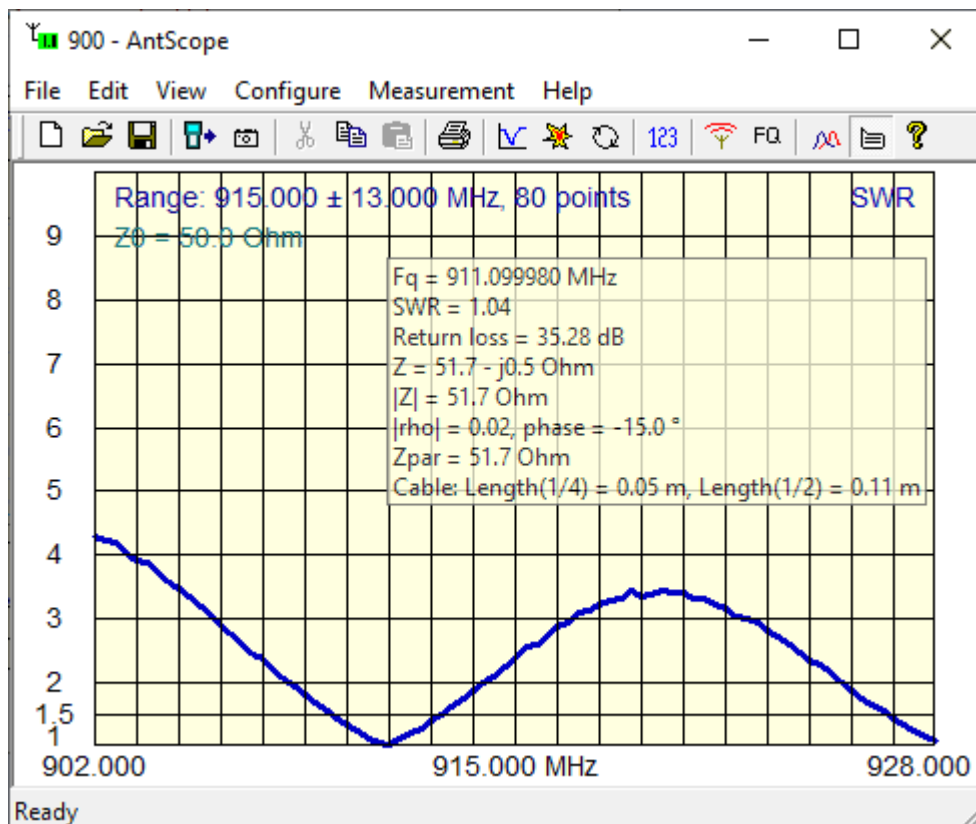
Amateur Radio (Ham) Frequencies



144 MHz Meter SWR Analysis



440 MHz Meter SWR Analysis



900 MHz Meter SWR Analysis

More Information

[FAQs: Mobile HF antenna – Alpha Antenna](#)

[What is the best VHF UHF antenna?](#)

For further information, you may enjoy reading the article: [What are the best EmComm Antennas?](#)

We listen!

We are dedicated to improving all of our [Mobile HF VHF UHF Antennas](#). Specifications and descriptions are subject to change without notice.

VHF UHF Mobile Military Antenna



Based on 5 reviews

5★

100

100%

4★

0%

3★

0%

2★

0%

1★

0%

Q

Search

1-5 of 5 reviews

Most Recent

LM

1.

Protected_User_c2c35369

Verified owner

January 4, 2026



ALPHA®



[VHF UHF Mobile Military Antenna](#)

Verified review - [view original](#)

VHF UHF Mobile Military Antenna

Ordered this antenna it came quickly and works great .



2.

Protected_User_469b16c1

Verified owner

December 21, 2025



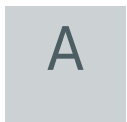
ALPHA®



[VHF UHF Mobile Military Antenna](#)

Verified review - [view original](#)

This is a great antenna paired with my IC-2730. If I could give more than five stars, I would. Also, ordering was easy and delivery was quick.



3.

Protected_User_6b7d12c4

Verified owner

June 3, 2025



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[VHF UHF Mobile Military Antenna](#)

R

4.

Protected_User_7c509545

Verified owner

April 5, 2024



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[VHF UHF Mobile Military Antenna](#)

Verified review - [view original](#)

great signal and strong magnetic base

G

5.

Protected_User_e5b834de

Verified owner

October 6, 2023



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[VHF UHF Mobile Military Antenna](#)

Verified review - [view original](#)

VHF UHF Mobile Military Antenna

Thank you