

Interference Issue

ARRL Field Day 2016
Loudoun Amateur Radio Group

The Problem

CW interference from Station Two could be heard on Station Four and the GOTA Station

Gathering Information

N3EV gets a meter from his truck



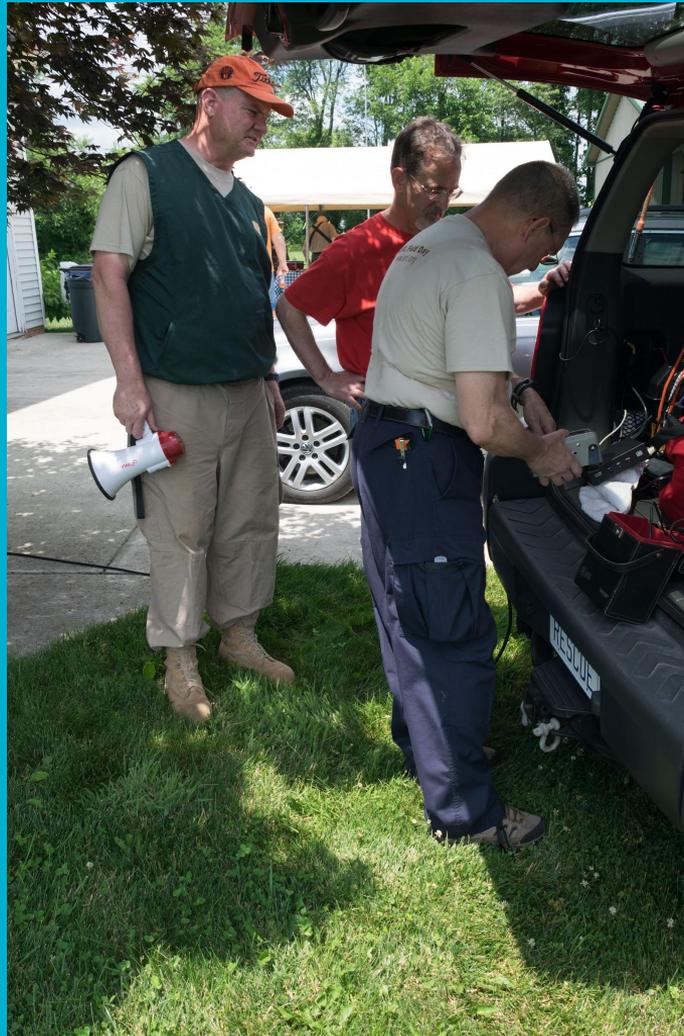
Gathering Information

N3EV gets a meter from his truck



Gathering Information

N3EV gets a meter from his truck



Gathering Information

W5ODJ uses the meter during a test



Gathering Information

NC4S uses a mobile rig for the same interference. None was found.



Testing Theories

N3EV tries a makeshift loop in the coax. It was not successful in reducing or eliminating the interference.



Testing Theories

Discussing various ideas, theories, and brainstorming possible solutions



Testing Theories

Station Four's transceiver was swapped out with an identical one from W5ODJ's shack. There was no change in the interference.



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More Advanced Diagnostics

A radio analyzer is brought in



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A radio analyzer is brought in



Trying A Ferrite Core



Trying A Ferrite Core

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No change



One Last Attempt

Unplug as many things as possible. No change.



The Dark One

Station Two...



Filling In Others

NC4S talking with K3SEN about the
Station Two interference issue

