

# Interference Issue

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ARRL Field Day 2016  
Loudoun Amateur Radio Group

# The Problem

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

# Gathering Information

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N3EV gets a meter from his truck



# Gathering Information

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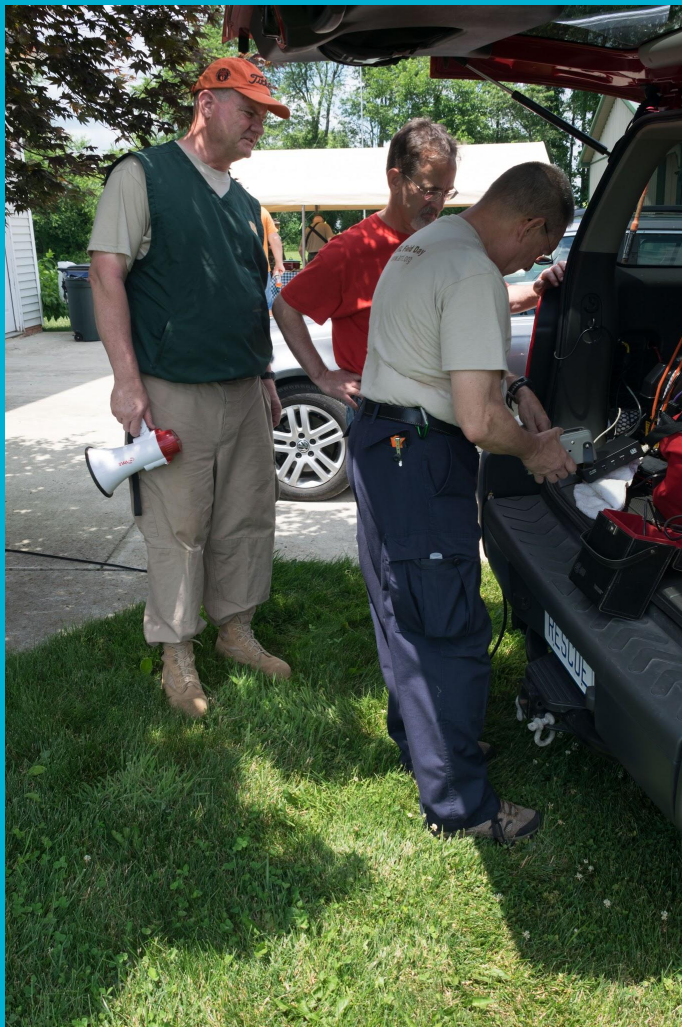
N3EV gets a meter from his truck



# Gathering Information

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N3EV gets a meter from his truck



# Gathering Information

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W5ODJ uses the meter during a test



# Gathering Information

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



# Testing Theories

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



# Testing Theories

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Discussing various ideas,  
theories, and brainstorming  
possible solutions



# Testing Theories

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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

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A radio analyzer is brought in



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# Trying A Ferrite Core

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# Trying A Ferrite Core

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No change



# One Last Attempt

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Unplug as many things as possible. No change.



# The Dark One

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Station Two...



# Filling In Others

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NC4S talking with K3SEN about the  
Station Two interference issue

