

# ELECTRICAL INTERFERENCE SOLUTIONS, INC.

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## RFI REPORT OF FINDINGS

Date: February 13, 2011

Contact: [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

Complaint:  
Continuous noise across all bands up to 50MHz for three years. S9 to S9+20.

Keys:

- ✓ Log of interference, weather
- ✓ External from Home – Breaker test
- ✓ Station beam antenna heading: 35 to 50 degrees
- ✓ Upper frequency limit: 56 MHz
  - ✓ 400 MHz – walk
  - 40m/7MHz – can be miles
  - 75m/3.5MHz -
- ✓ Pattern syncs to 60 Hz

Notes:

Strong source with easily identifiable signature. We triangulated on the source from several directions, including the three shown in red lines in the aerial picture. It is quite clear that the source is in the substation near the two 345 kV transformers.

Source Description:

[REDACTED] near the two 345kV transformers. Access to the substation is required to identify specific source.

Location:

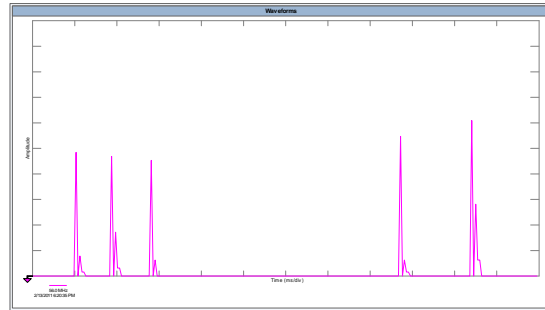
[REDACTED]

Coordinates: [REDACTED]

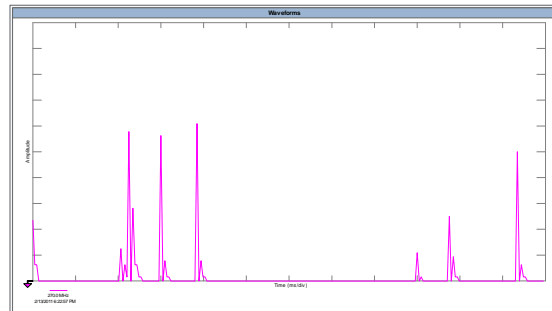
Distance: 0.2 miles

Time to Locate: <2 hours

Dominant Interference Pattern at Complainant:



Identified Source Interference Pattern:



Identified Source:

