

ELECTRICAL COOPERATIVE

Sample Report

Summary:

Substation Partial Discharge/ Corona Survey

Sample Report

4600 Main Street

Huron, Ohio 44839

Inspection Date: May 30, 2026

Company Contact: Mr. John Doe

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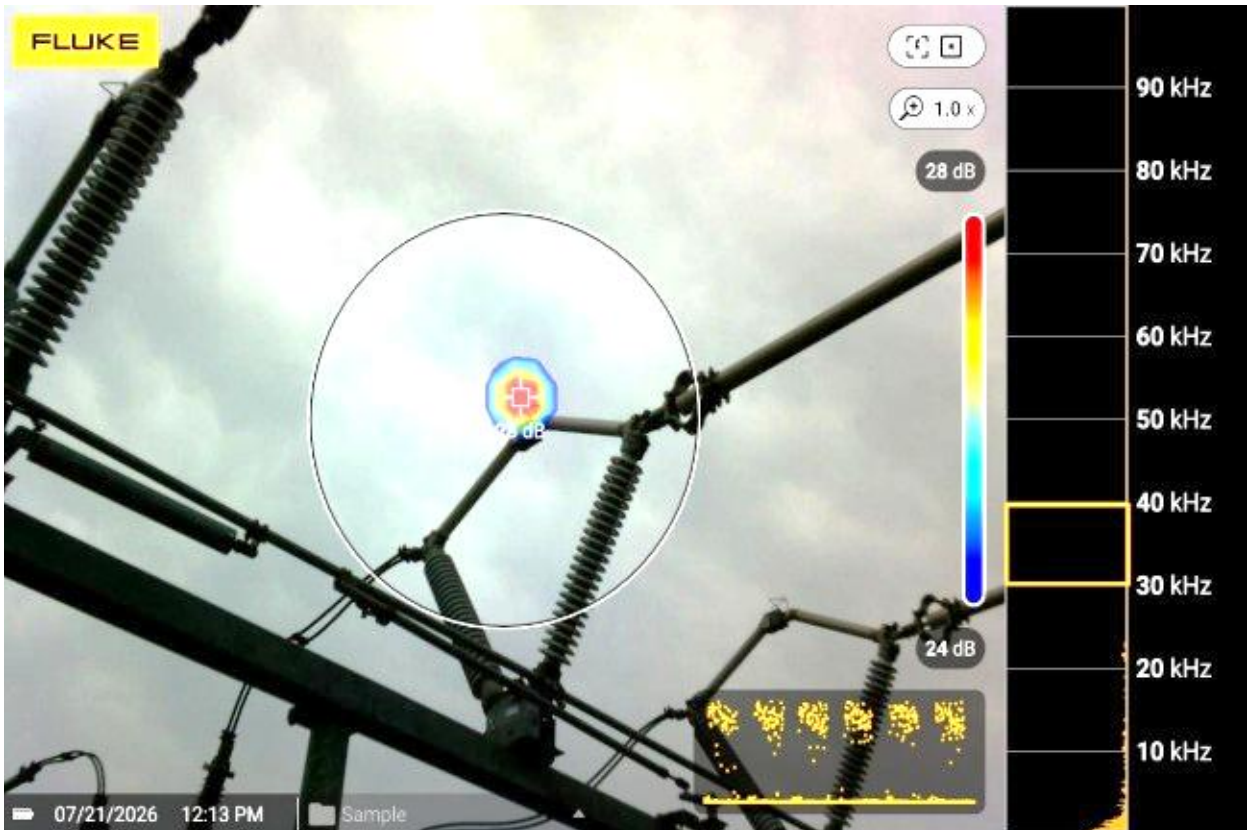
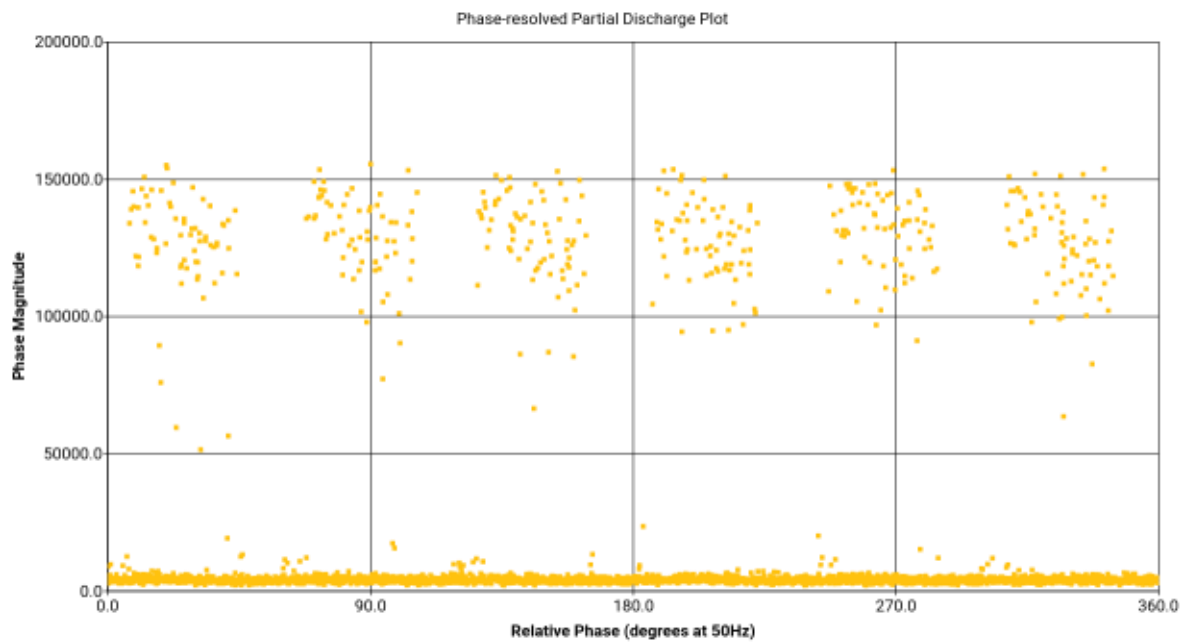


Image Info

Name	Sample_260721121242.as2
Type of Capture	PDQ Mode™
Pulse Count Per Minute	13709
Sound Pressure Level At Sensor	28.3 dB
Sound Pressure Level At Source	53.22 dB
Ambient Temperature	70 °F
Discharge Type	Tracking
Relative Humidity	80 %
Voltage	138,000.00
Weather Note	Overcast
Asset ID	138-2 center switch
Asset Name	North substation
Operating Frequency	Frequency_50Hz

PRPD Plot



PDQ Mode™ Discharge Type Classification

External	45%
Internal	0%
Other	0%
Tracking	54%

Discharge Type Tag

Tracking

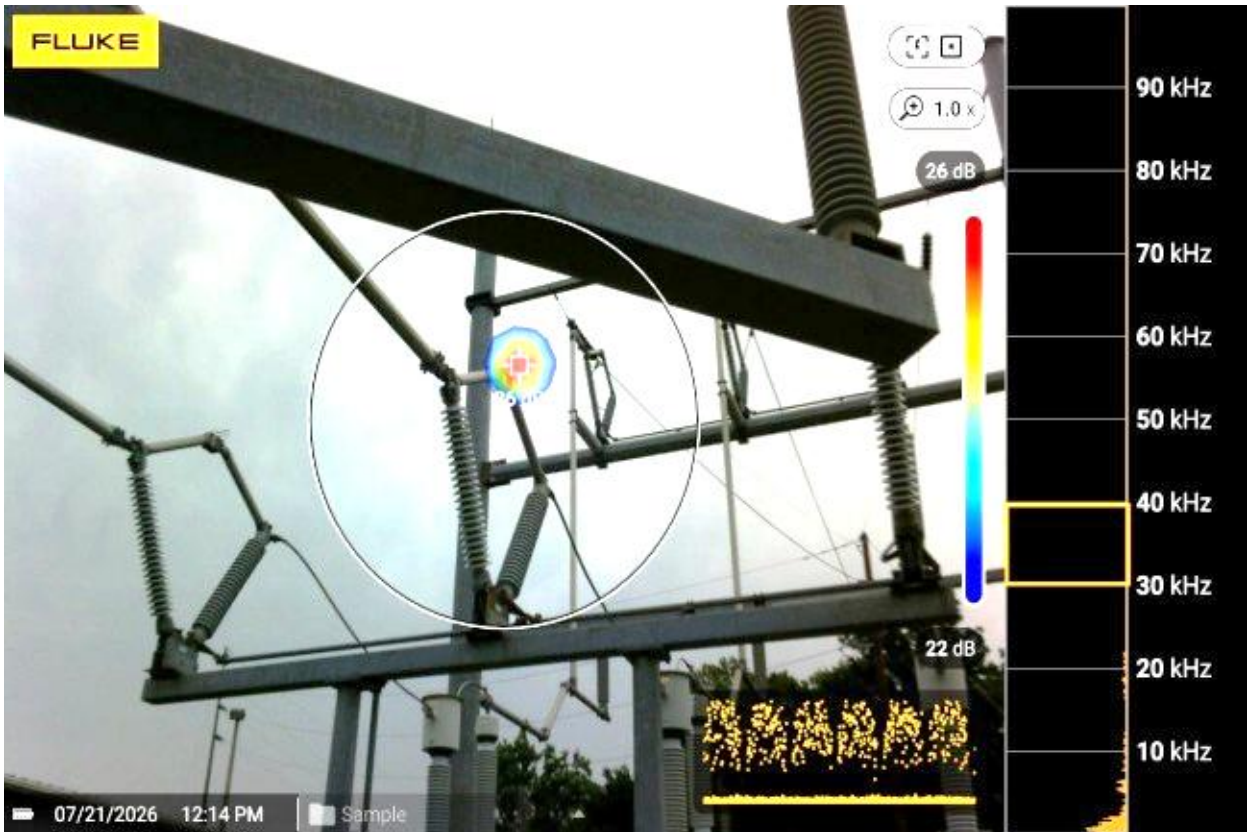
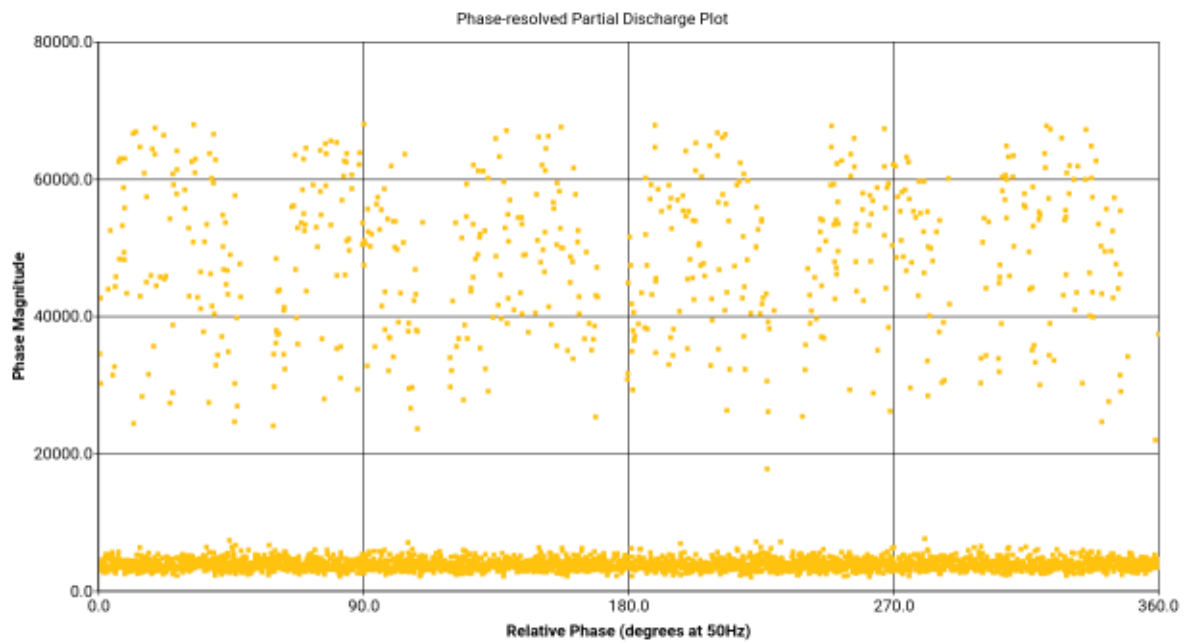


Image Info

Name	Sample_260721121336.as2
Type of Capture	PDQ Mode™
Pulse Count Per Minute	17850
Sound Pressure Level At Sensor	26.27 dB
Sound Pressure Level At Source	50.74 dB
Ambient Temperature	70 °F
Discharge Type	Tracking
Relative Humidity	80 %
Voltage	138,000.00
Weather Note	Overcast
Asset ID	138-4 center switch
Asset Name	North substation
Operating Frequency	Frequency_50Hz

PRPD Plot



PDQ Mode™ Discharge Type Classification

External	45%
Internal	0%
Other	0%
Tracking	54%

Discharge Type Tag

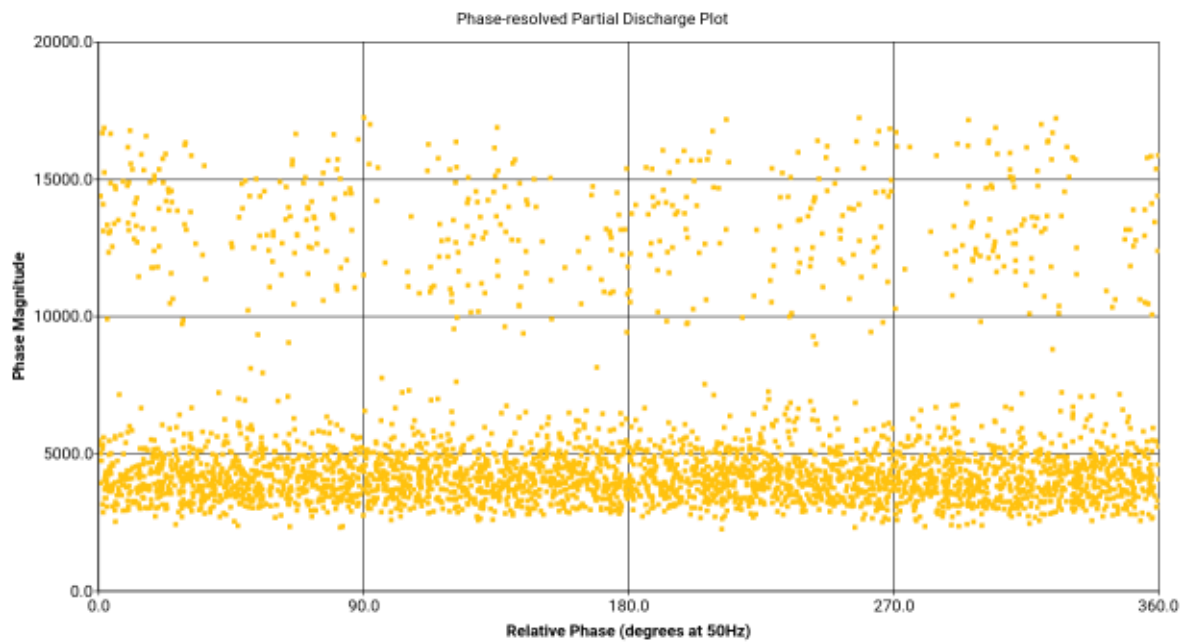
Tracking



Image Info

Name	Sample_260721121432.as2
Type of Capture	PDQ Mode™
Pulse Count Per Minute	14759
Sound Pressure Level At Sensor	14.39 dB
Sound Pressure Level At Source	39.88 dB
Ambient Temperature	70 °F
Discharge Type	Tracking
Relative Humidity	80 %
Voltage	138,000.00
Weather Note	Overcast
Asset ID	North side center bushing on 138-12 breaker
Asset Name	South substation
Operating Frequency	Frequency_50Hz

PRPD Plot



PDQ Mode™ Discharge Type Classification

External	14%
Internal	0%
Other	0%
Tracking	85%

Discharge Type Tag

Tracking

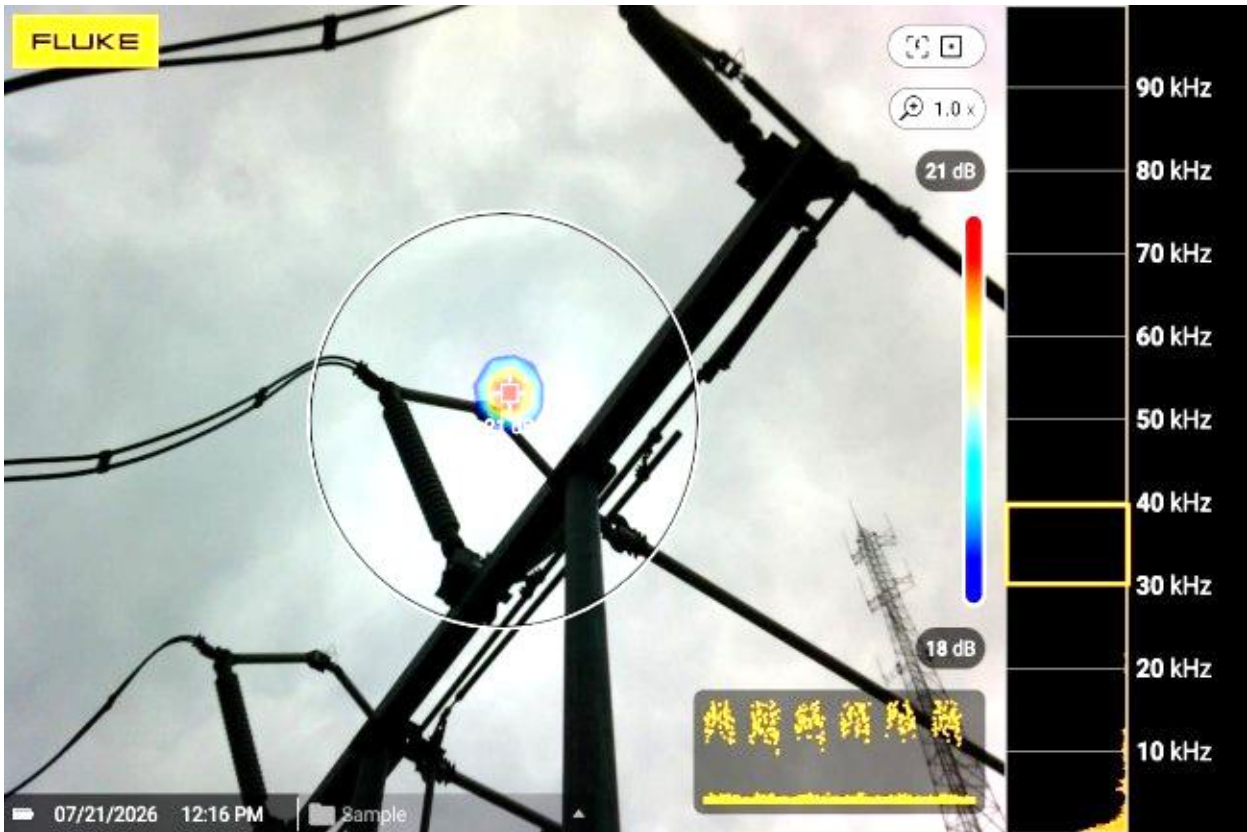
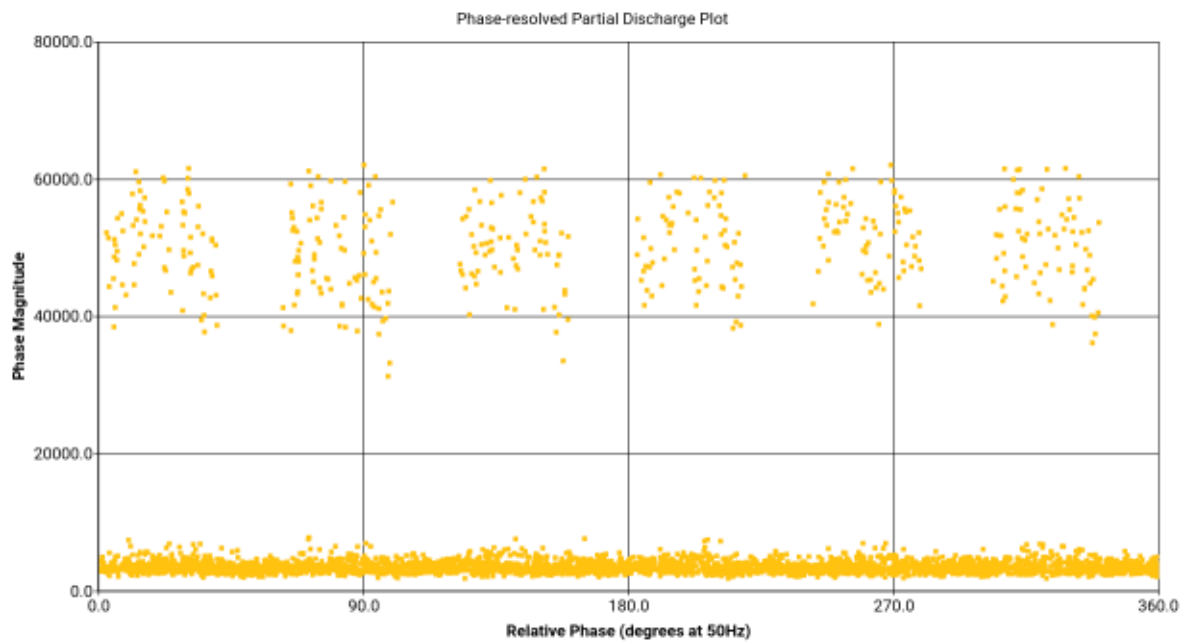


Image Info

Name	Sample_260721121538.as2
Type of Capture	PDQ Mode™
Pulse Count Per Minute	38789
Sound Pressure Level At Sensor	21.42 dB
Sound Pressure Level At Source	45.36 dB
Ambient Temperature	70 °F
Discharge Type	Tracking
Relative Humidity	80 %
Voltage	138,000.00
Weather Note	Overcast
Asset ID	138-9 center switch
Asset Name	South substation
Operating Frequency	Frequency_50Hz

PRPD Plot



PDQ Mode™ Discharge Type Classification

External	14%
Internal	0%
Other	0%
Tracking	85%

Discharge Type Tag

Tracking

Summary:

Acoustic Imaging Performed and Prepared by:

Austin J Scott

Certified Consultant

Invizions, Inc.

2519 State Route 61 South

Norwalk, Ohio 44857

Mobile: 419.541.1979

Office: 419.663.8621

Equipment: Fluke ii910 Acoustic Imager

The estimations provided by this application are designed to be informational only. This model is provided as a rough approximation of the energy savings and partial discharge severity / type found with the Fluke ii-Series Acoustic Industrial Imager. The indications are not a commitment to actual energy savings and/or an indication of purchase advice and/or partial discharge severity and/or partial discharge type. The results presented by are hypothetical and may not reflect actual results at your facility or infrastructure. The indications are based on industry averages and proprietary research conducted by the Fluke Corporation.