

Visible discharge at the 22kV AIS



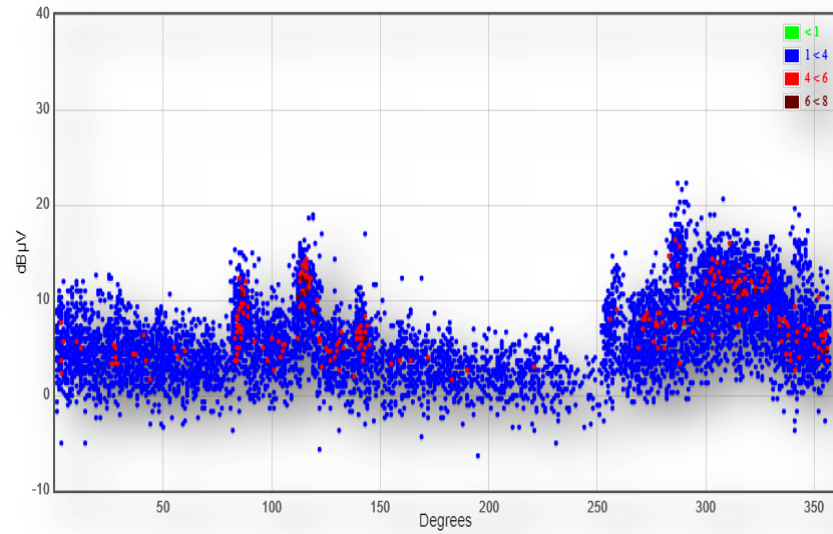
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| Asset: | 22kV AIS Bus bar connector between CT and cable termination |
| PD sensor: | Ultrasound from different OEM, TEV and HFCT. |

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| 17 September 2024 | Abnormal ultrasound detected by multiple Ultrasonic sensors. |
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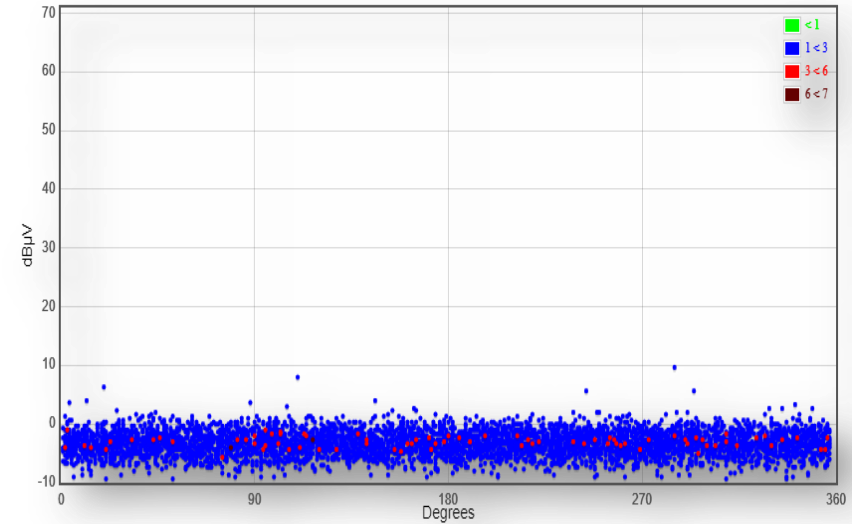
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|-------------------|--|
| 21 September 2024 | Circuit was de-energized. Visible discharge was found at bus bar connector. |
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| 23 September 2024 | After rectification was done, no PD detected. |
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Comparison of airborne ultrasound

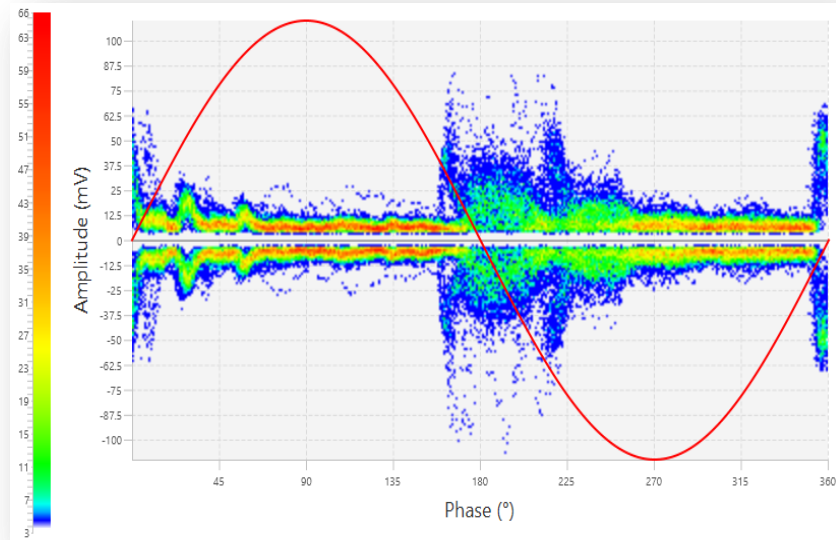


Abnormal ultrasound detected

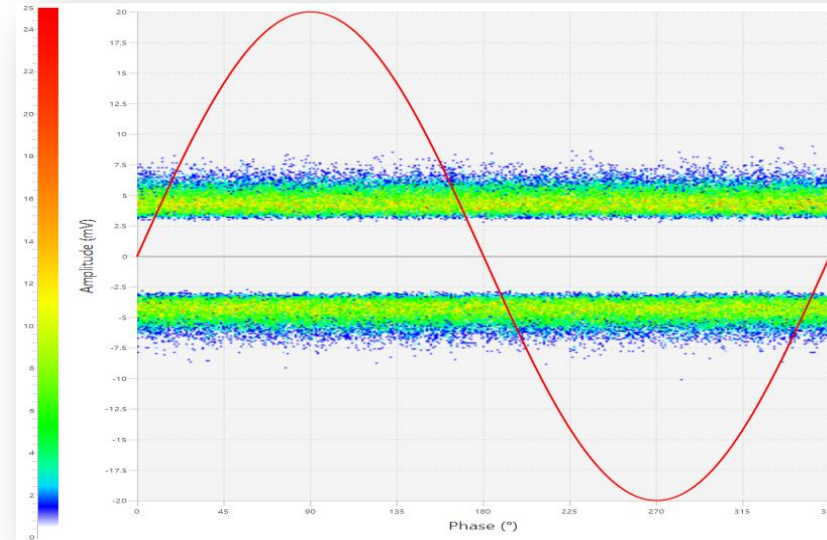


No Abnormal ultrasound detected after rectification

Comparison of airborne ultrasound



Abnormal ultrasound detected



No Abnormal ultrasound detected after rectification

Acoustic Ultrasonic Camera

