

Case History – 8 : Using Online Snapshot Ultrasonic Method

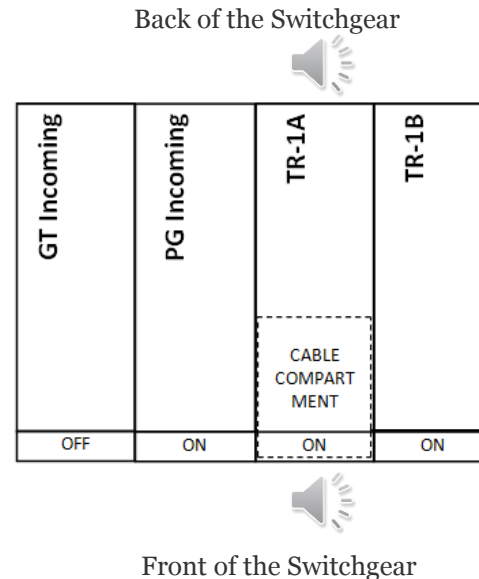
Equipment Under measurement : 22kV GIS Areva Switchgear

Date of Measurement : 19th May 2014

Type of Partial Discharge Measurement: **Snapshot Mode Ultrasonic Measurement**

Measurement Equipment : **Ultra TEV Locator (Airborne Ultrasonic sensor)**

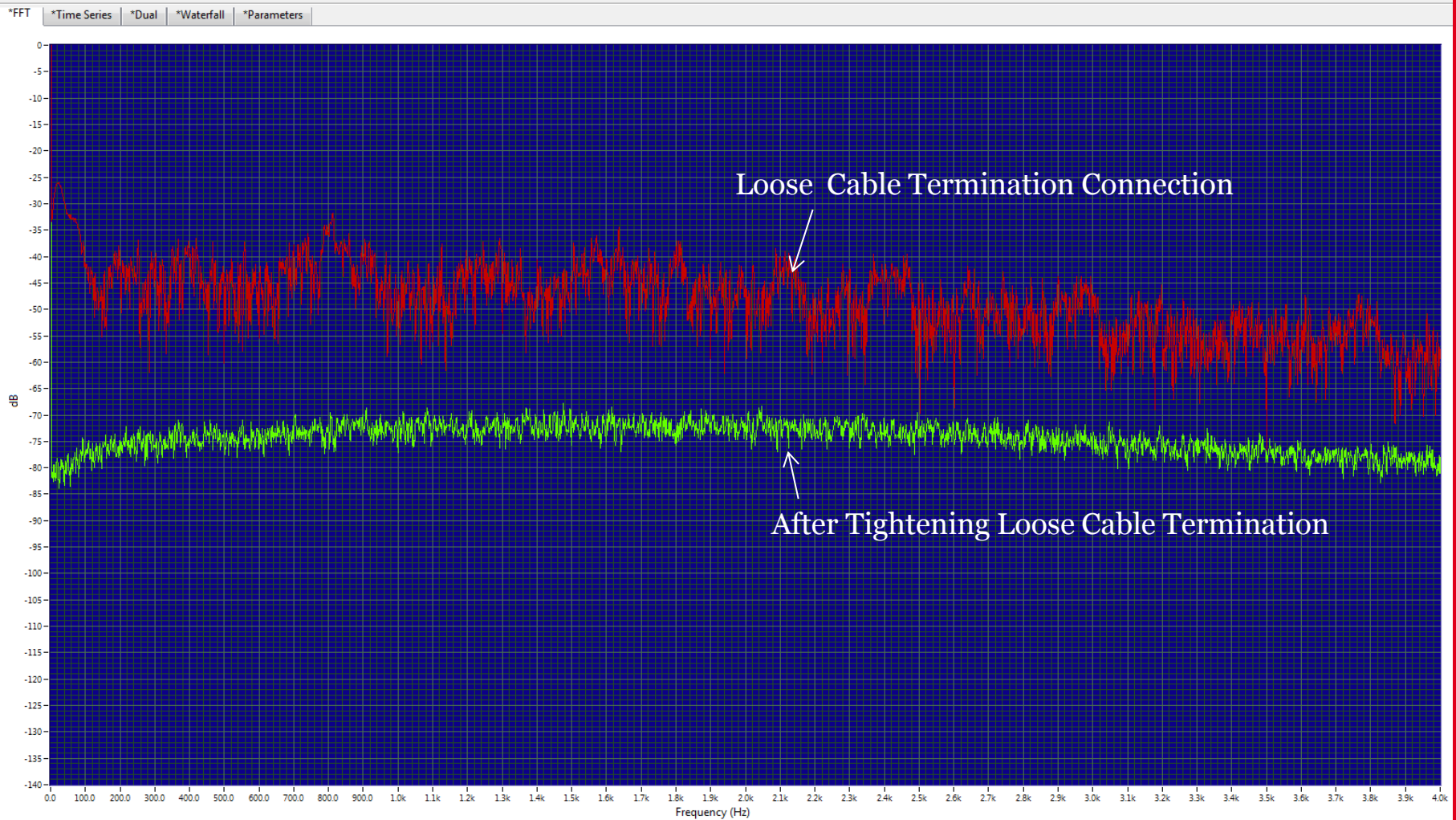
Observation: **Loud and audible discharge was heard.**



ABNORMAL ULTRASONIC DETECTION OF LOOSE CABLE TERMINATION CONNECTION

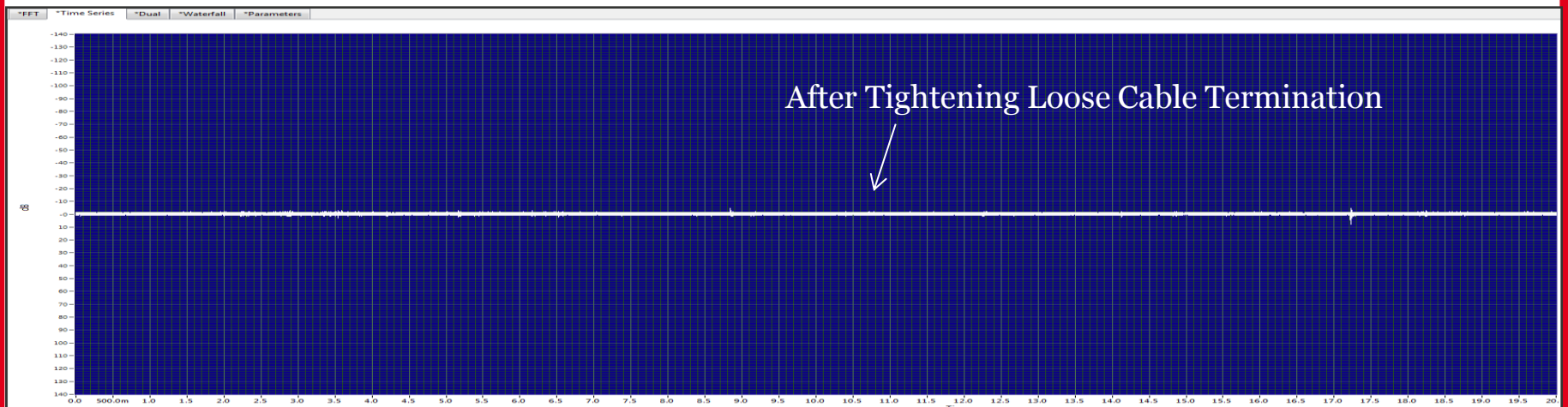
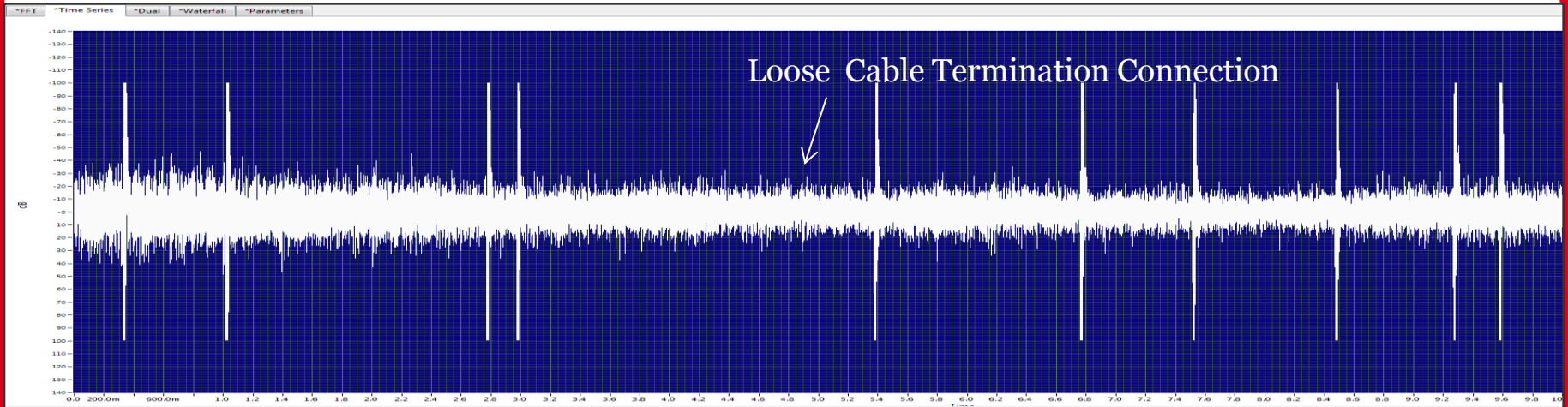
22kV GIS AREVA SWITCHGEAR

- Frequency Domain



22kV GIS AREVA SWITCHGEAR

- Time Domain



Loose 22kV Cable Termination Connection at Yellow Phase

