DOBLE IN-SERVICE TESTING & ASSESSMENT
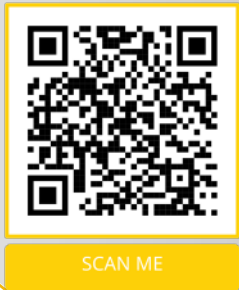
PULSE

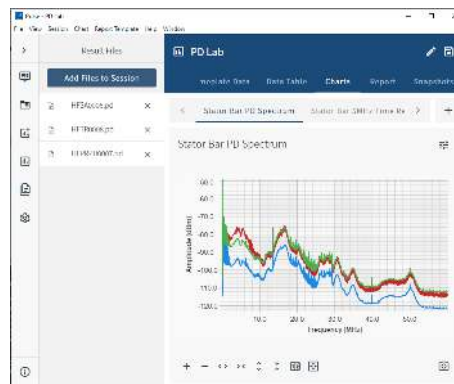## Data Management and Visualization for PD & EMI Measurements

MANAGE AND VISUALIZE DATA FROM THE PDS, DFA AND SPARK PRODUCT FAMILIES

Partial Discharge (PD) assessments of assets can result in a large collection of data. Doble Pulse™ Software is a data management and visualization tool for Doble's DFA, PDS, and Doble Spark™ partial discharge measurement system families. It provides an easy-to-use framework for data visualization and report generation, and tools to create test plans, import, organize, export and review data.
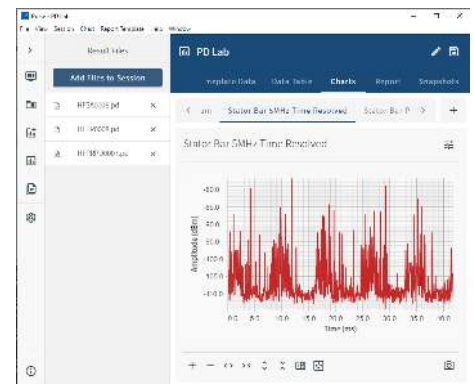
Doble Pulse also allows the user to create test plans for instruments to streamline data acquisition. Additionally, existing data can be imported and managed in Pulse's internal database.

FEATURES & BENEFITS

- Data visualization and export graphing tools
  - *Spectrum plot* – allows frequency domain signal and fault analysis for partial discharge and EMI data.
  - *Time resolved plot data* – an essential part of any EMI analysis. Pulse allows users to visualize and export time resolved EMI data.
  - *Phase resolved partial discharge (PRPD) analysis* – allows identification and differentiation of a wide variety of PD and non-PD related signals. Pulse provides features for PRPD visualization and report generation.

Spectrum plot

Time resolved plot data