Signal.X
TECHNOLOGIES LLC
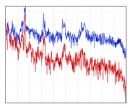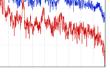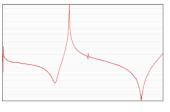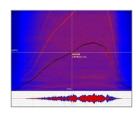
DSA 2.9
Sound & Vibration Analyzer

Signal Acquisition for Sound, Vibration and More…

DSA 2.9 is an easy-to-use sound and vibration measurement and analysis tool designed to access to the rich feature set available in the National Instruments Sound & Vibration toolset. DSA 2.9 is designed to simplify the user experience, making it ideal for those who want to get to the data fast with minimal exposure to complex configuration procedures.

Spectrum Analysis

Impact Testing

Time/Frequency

Use DSA 2.9 to:

- Perform frequency and order domain spectrum analysis, order tracking analysis, impact testing, time/frequency analysis for impulsive events, harmonics and resonance behaviors
- Compute Nth octave band spectra, frequency response, coherent output power and Zwicker stationary loudness
- Pre-process acceleration data to velocity and displacement, low-pass and high-pass filter, or perform sample rate conversion
- Capture data files manually, digitally trigger collection, or add the advanced logging module for more trigger options
- Mix signal types including high-speed sound and vibration signals, generic analog signals, counters for high resolution speed and torsion, and CAN from automotive networks
- Save data in the National Instruments TDMS format, and export results to uff-58, .hdf, .wav .csv and text files using the optional file converter

About Signal.X Technologies

Since 2004, Signal.X has specialized in Test & Measurement Products for noise & vibration (NVH), production and laboratory test automation, functional test design, large data management, and custom application development.

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LabVIEW™