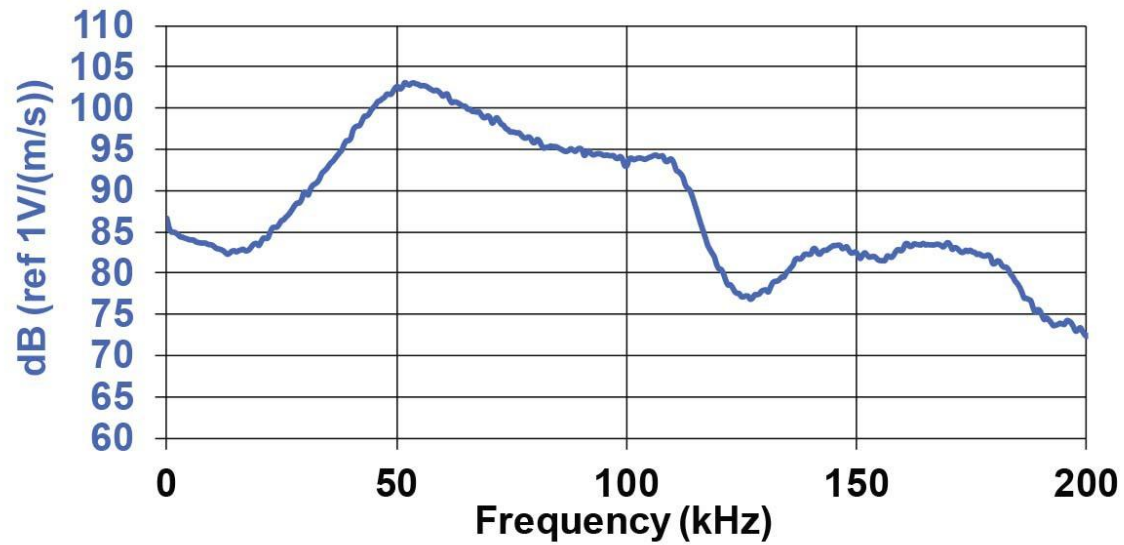


AE Frequency Ranges – STARTING POINT

1. Mechanical Vibrations (< 30 kHz)
2. Electrical PD (30 – 300 kHz)
 - a. Internal Void (gas bubble) (150 – 300 kHz)
 - b. Surface discharge (50 -90 kHz)
 - c. High Resistance Connections (No Data)
 - d. External Corona (interference) (<30 kHz)
3. Magneto-Striction (30 -60 kHz)

Consider Sensor Contribution



Features and Characteristics

1. Multi-sensor Localization
2. Frequency Content
3. Phase Synchronization
4. Wave Shape