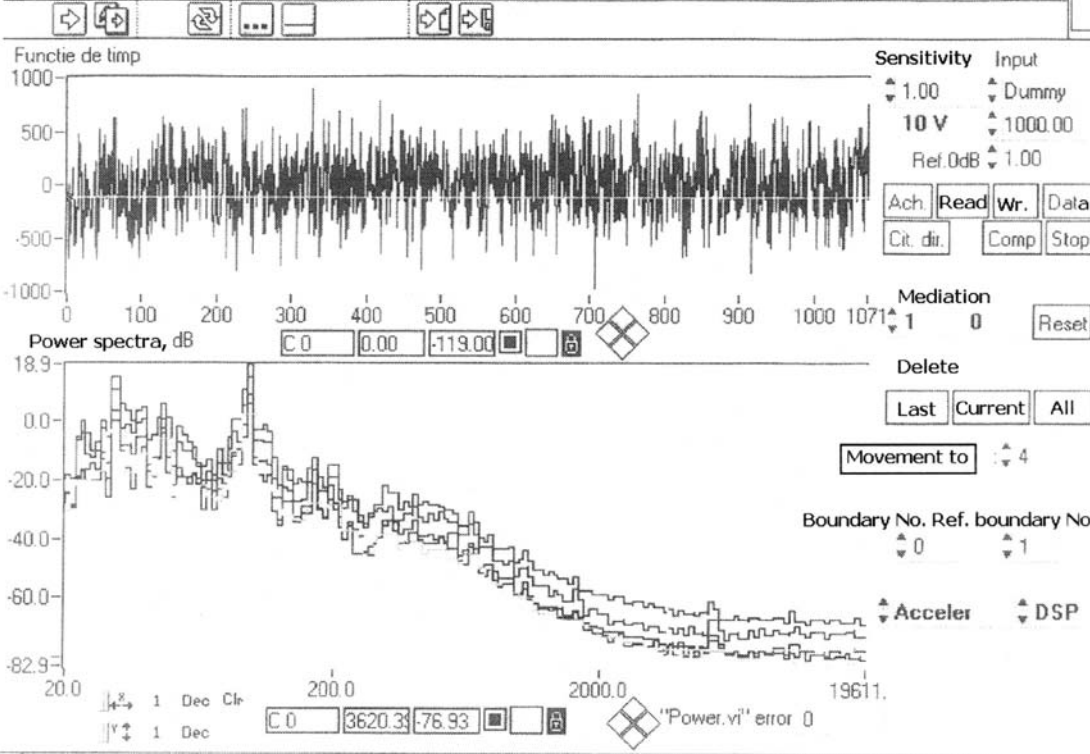


# **Appendix 2: Profoundness Diagnosis Through Virtual Instrumentation**

## **A2.1 PROFOUNDNESS DIAGNOSIS**

### **A2.1.1 MECOSPEC Virtual Instrument Applied to a Radial Ball Bearing Coming from a Sheet Metal Rolling Mill**

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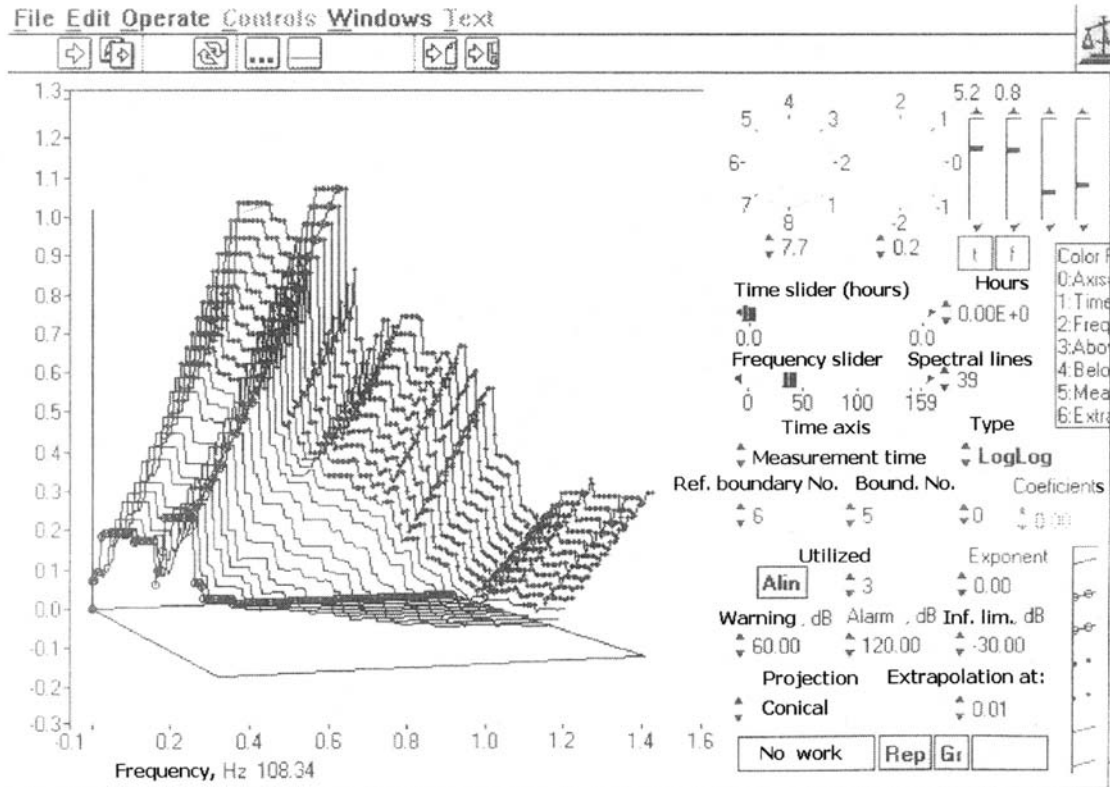
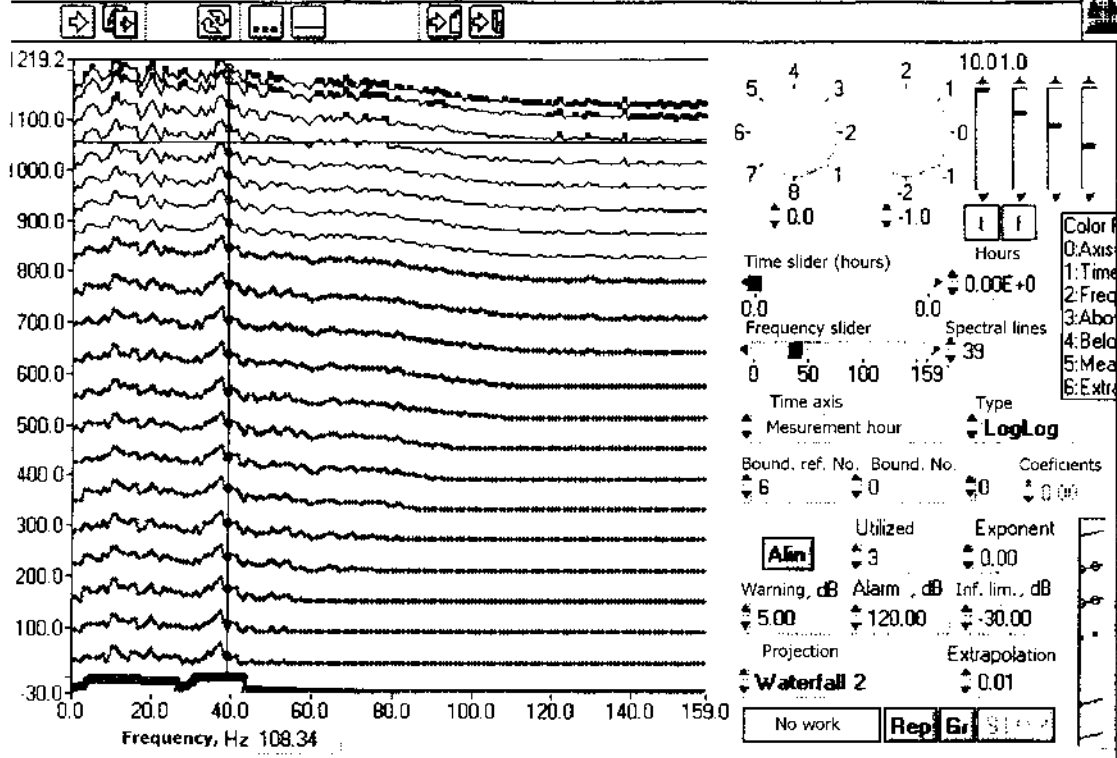


FIGURE A2.1 Signal acquisition and spectrum comparison.

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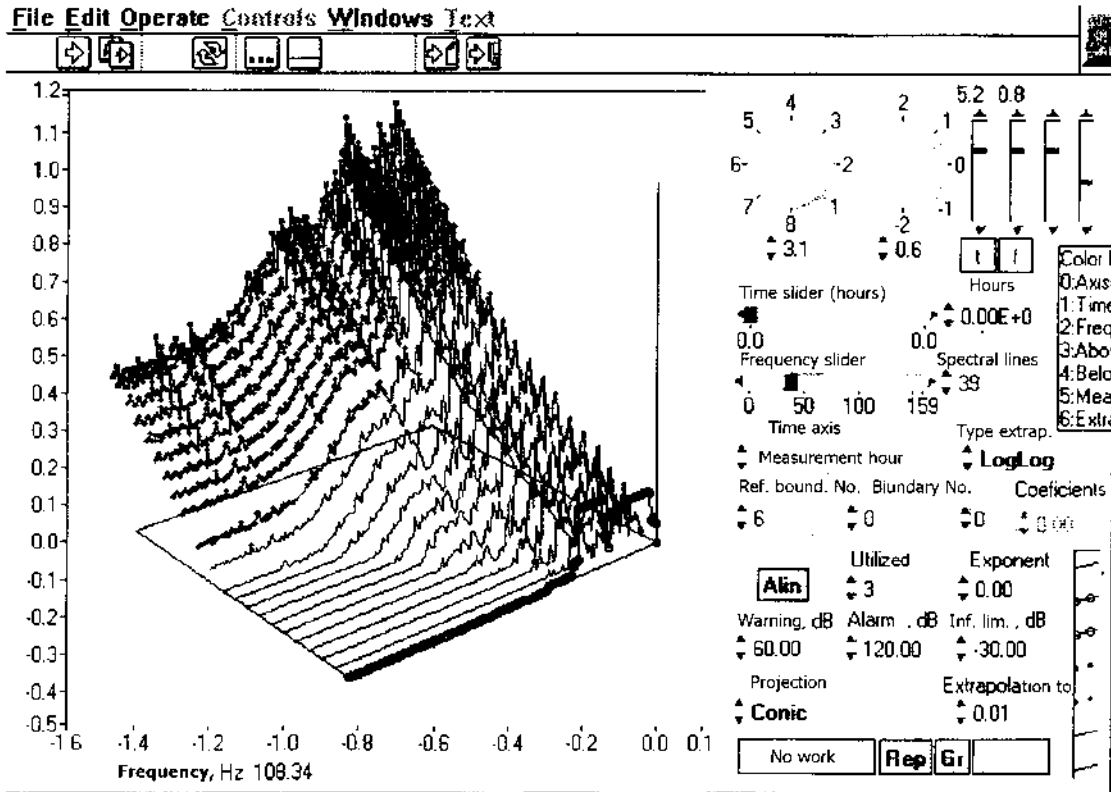


FIGURE A2.2 Representations of the acquired spectrums.