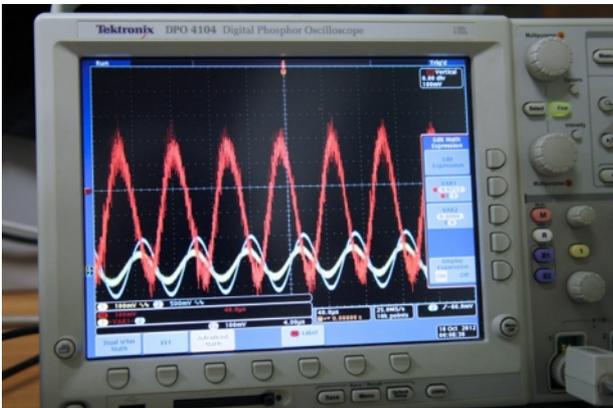
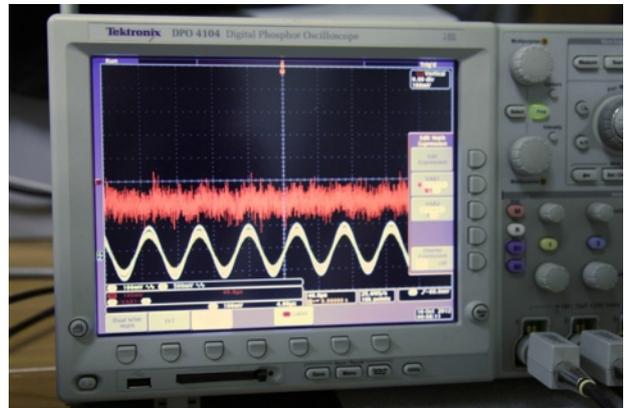


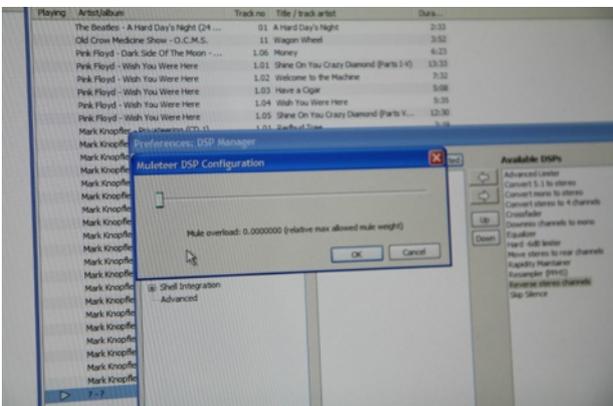
# Muleteer Math — Lab Test



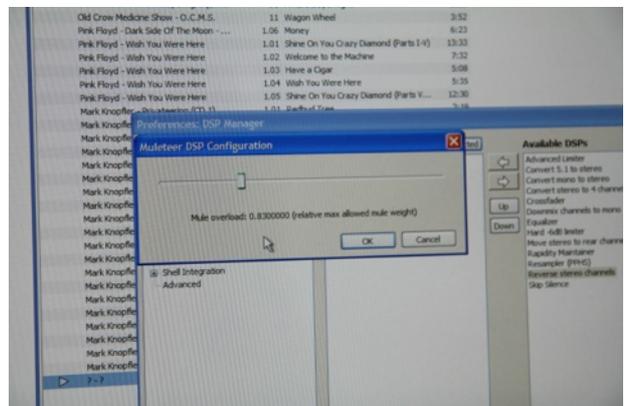
Measure of mass loaded voltage source's EMF (1) against reference signal (2) gives dramatic view over distortion levels in poorly controlled environment.



Muleteer Math was introduced to the test system. And now it's seriously over transducer's fat ass — maintaining a swiss-like pace, wasting minimally possible energy out.



Modern voltage devices sports amazing performance, but their broad-wide "specialization" prevents perfect coupling with tricky consumers. Muleteer Math still disengaged so far.



The amount of intervention, suitable for in Lab amplifier–transducer pair.

# Muleteer Math — Lab Test

## The Test Setup

1. PC computer with Windows Vista OS.
2. foobar2000.
3. Modified Muleteer DSP. Plugin was modified to cease any modifications in any channels other than left.
4. Oscilloscope Tektronix DPO 4104.
  - 4-a. First channel connected to the left channel output, parallel to the load. Channel load is a dynamic head.
  - 4-b. Second channel connected to the 'reference', right channel output, which was left with no load.
  - 4-c. Math-channel configured by expression  $(1)*VAR1-(2)$ . VAR1 set experimentally to 6.713 to compensate EMF attenuation caused by active part of left channel load.