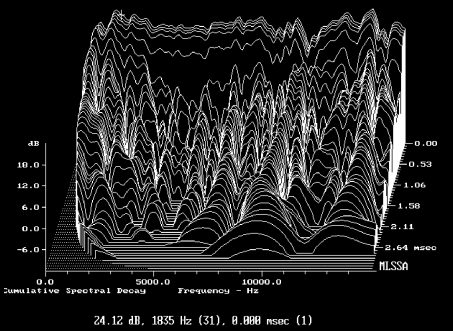
PLANAR MAGNETICS

CLARITY DEFINED

cumulative spectral decay

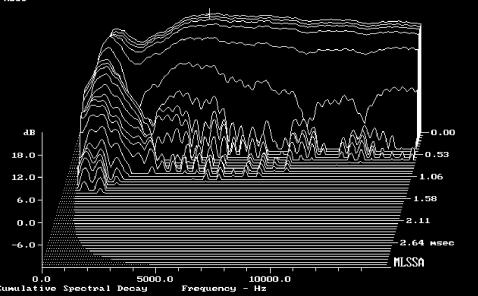
The graphs below illustrate the difference in incoherency distortion between an industry-standard compression driver (left) and the SLS PRD1000 planar magnetic driver (right). The compression driver has a significant amount of distortion generated over the entire frequency range, due to severe breakup modes, reflections, and non-linearity in the throat and in the compression chamber. The PRD1000 ribbon driver on the other hand, is free of 'smear', and is able to respond to transients much more accurately and with much less distortion.



24.12 dB, 1835 Hz (31), 0.000 msec (1)

CONVENTIONAL 2"
COMPRESSION DRIVER

SLS PRD1000
PLANAR RIBBON DRIVER



19.53 dB, 5682 Hz (96), 0.000 msec (1)

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