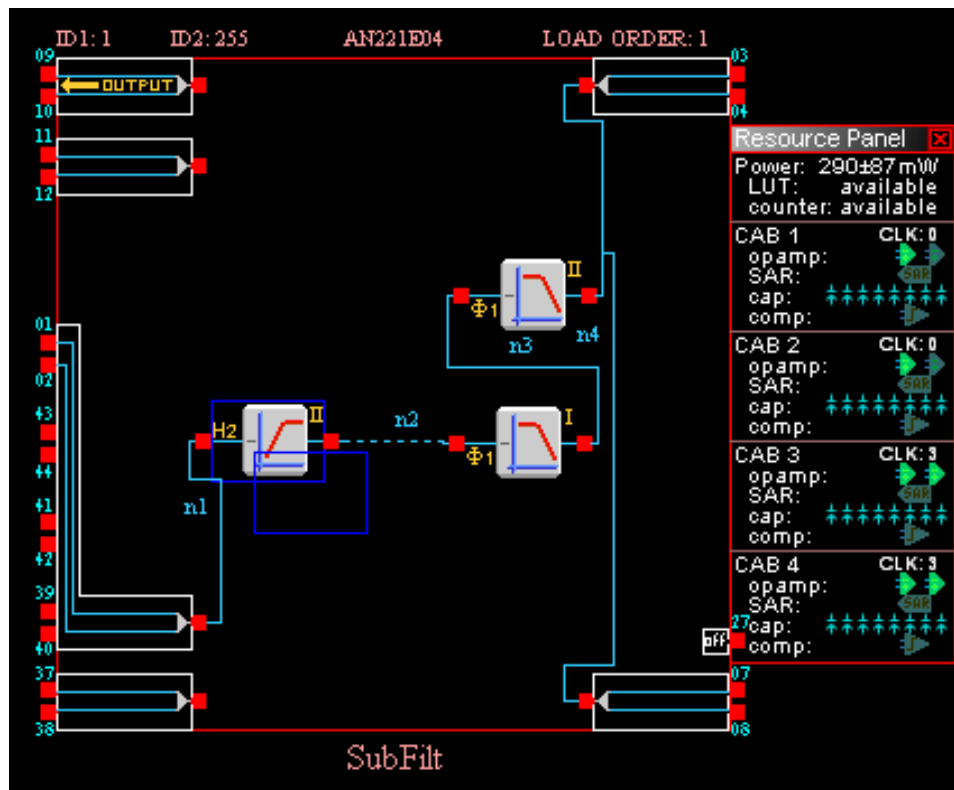


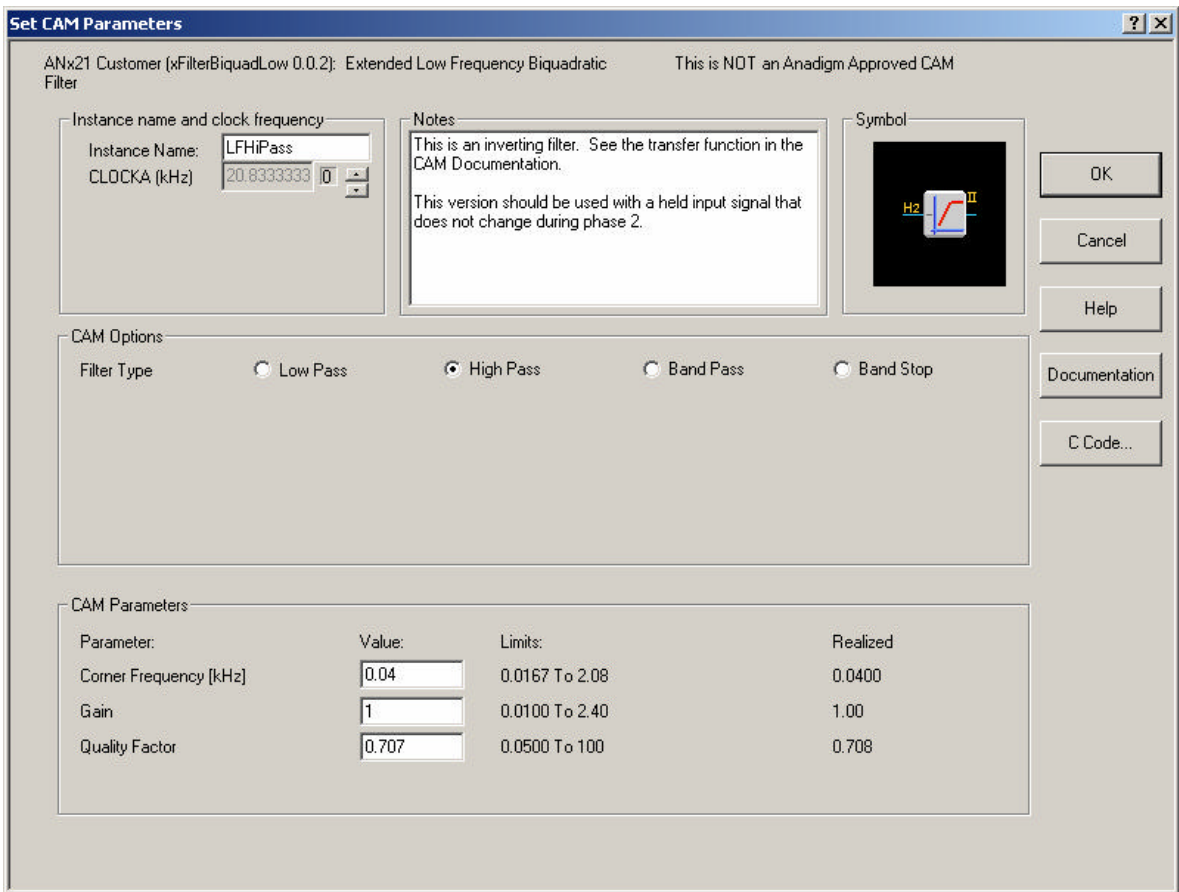
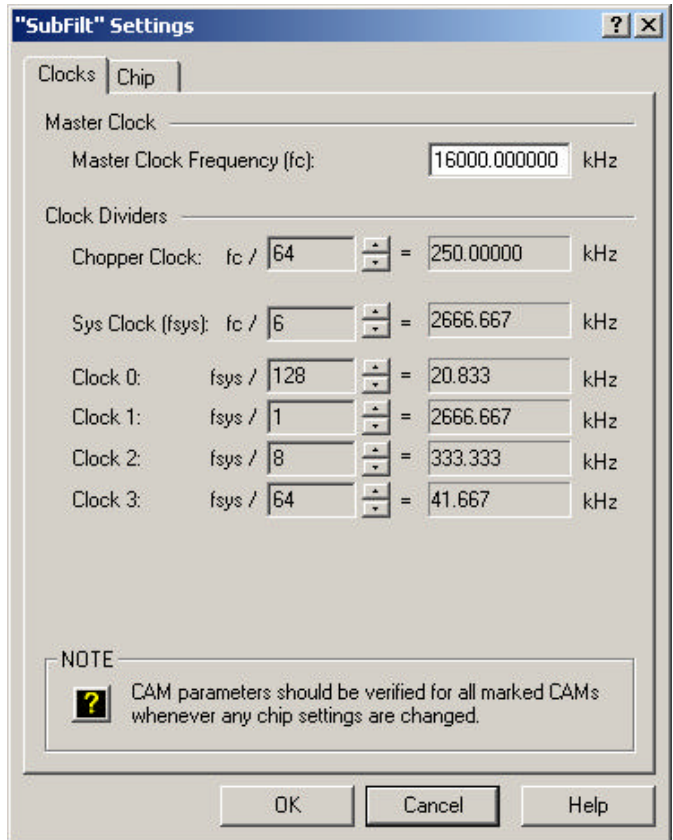
Typical Audio frequency performance of a Second Simple Sub-Woofer Filter designed (Anadigmdesigner2) and implemented in Anadigm's FPAA

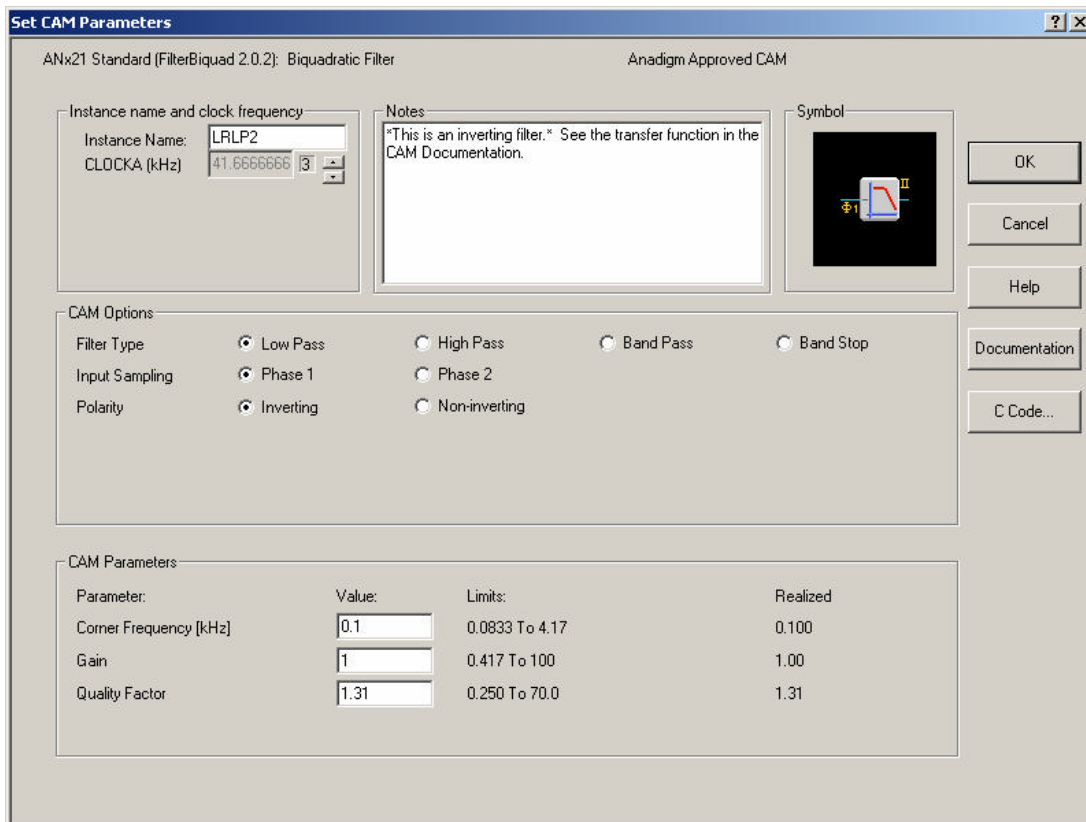
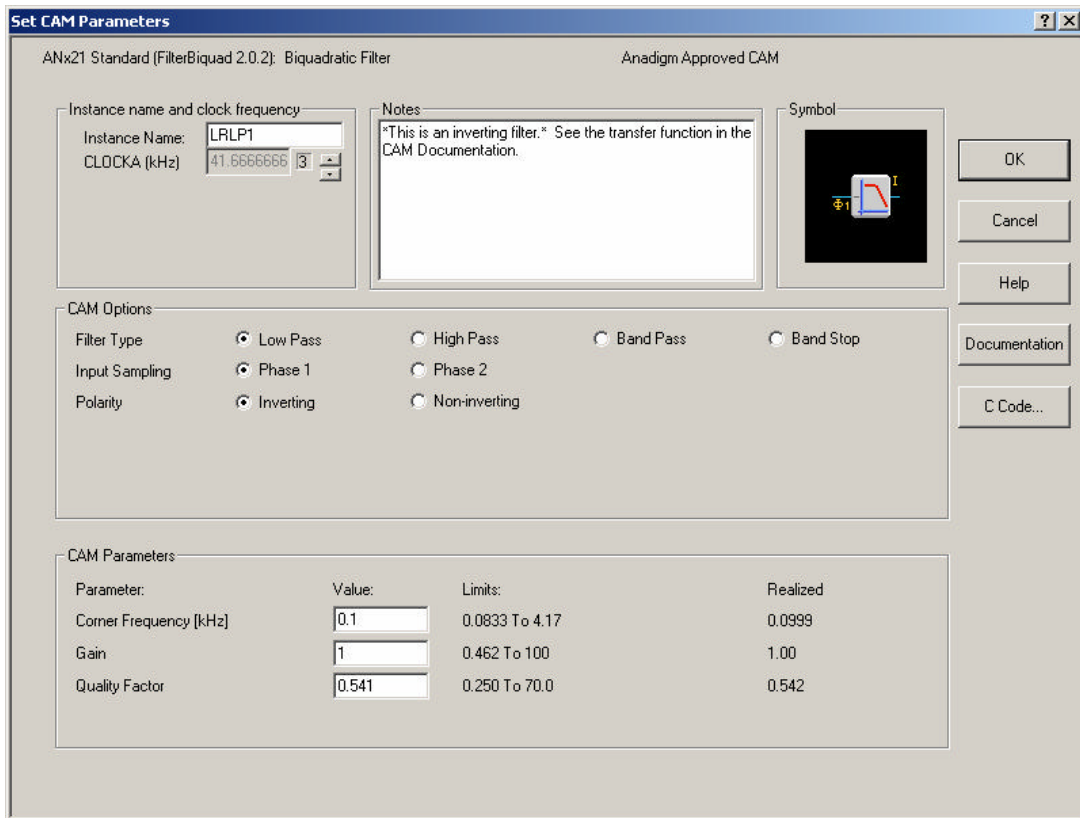
The FPAA circuit used for the test is full described below.



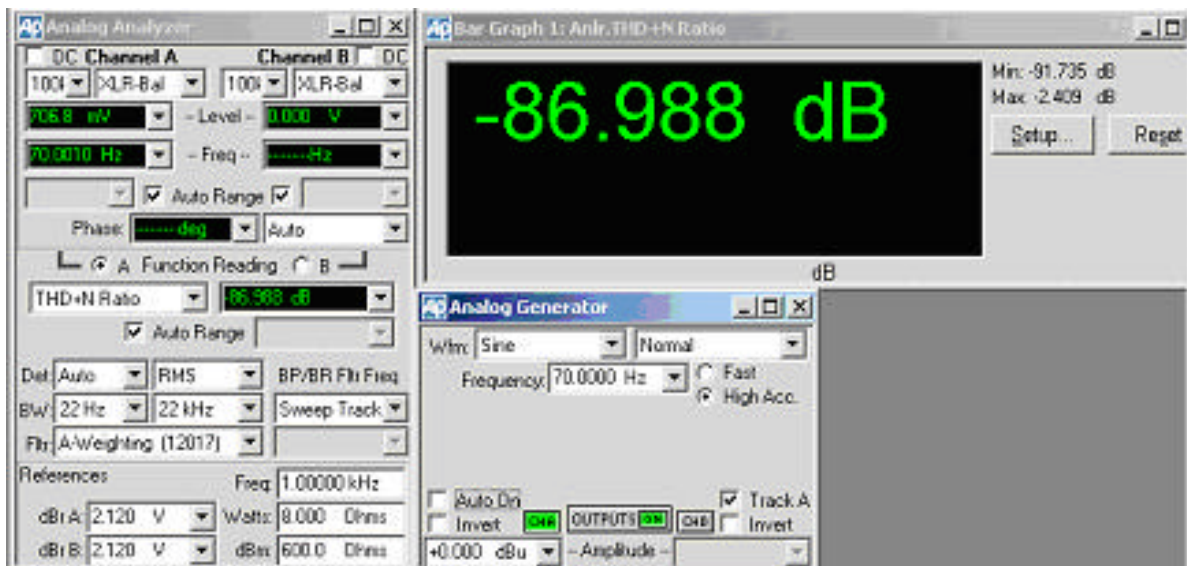
Measurements were taken using Audio Precision test equipment, capable of sourcing and measuring differential signals with a 2V DC common mode offset, therefore no input or output signal conditioning has been used around the FPAA, both source and measurement are taken directly at the FPAA I/O pins.

All measurements were taken at the settings assigned in the .ad2 file.

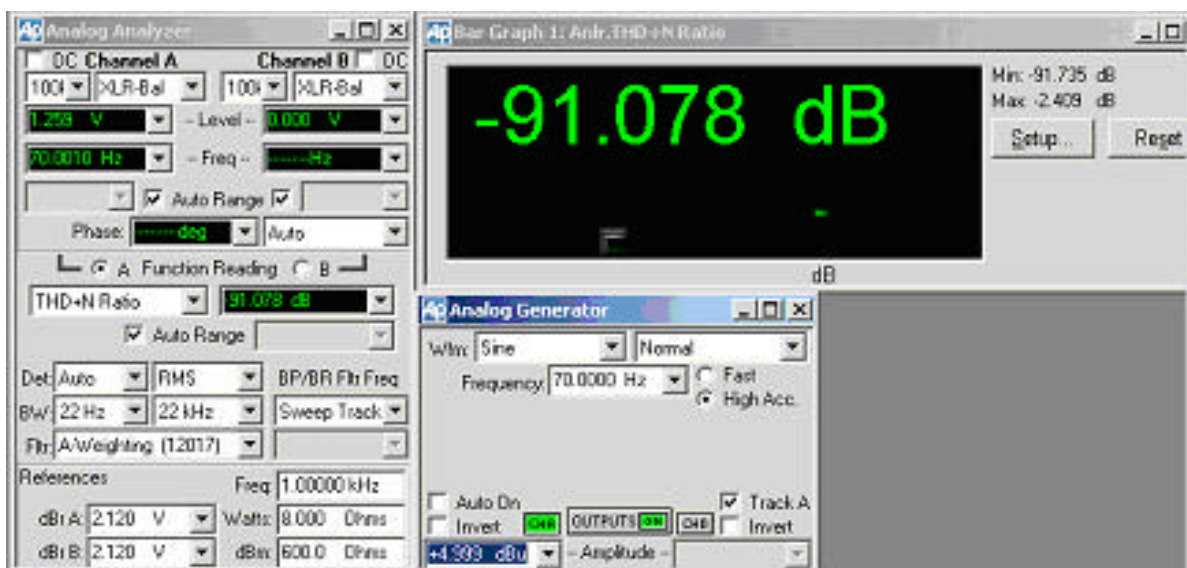




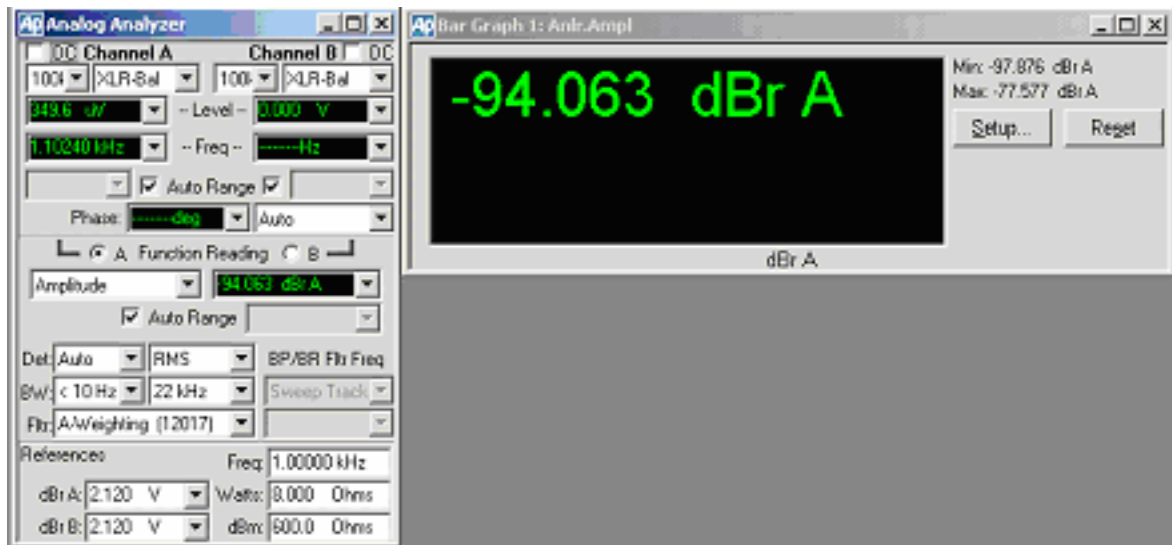
**SUBWOOFER FILTER_ Extended Low frequency Biquad CAM circuit,
THD+N, input 0dBu at 70Hz, BW= 22Hz-22KHz, A-weighted**



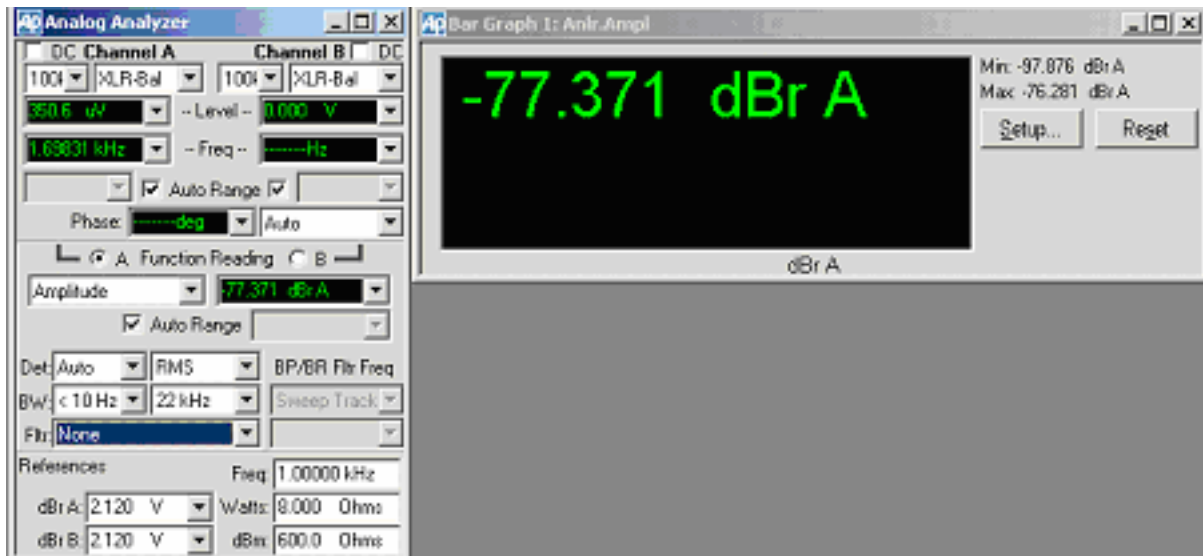
THD+N, input 5dBu at 70Hz, BW= 22Hz-22KHz, A-weighted



Signal to Noise Ratio, A-WEIGHTED, ref to 6Vp-p



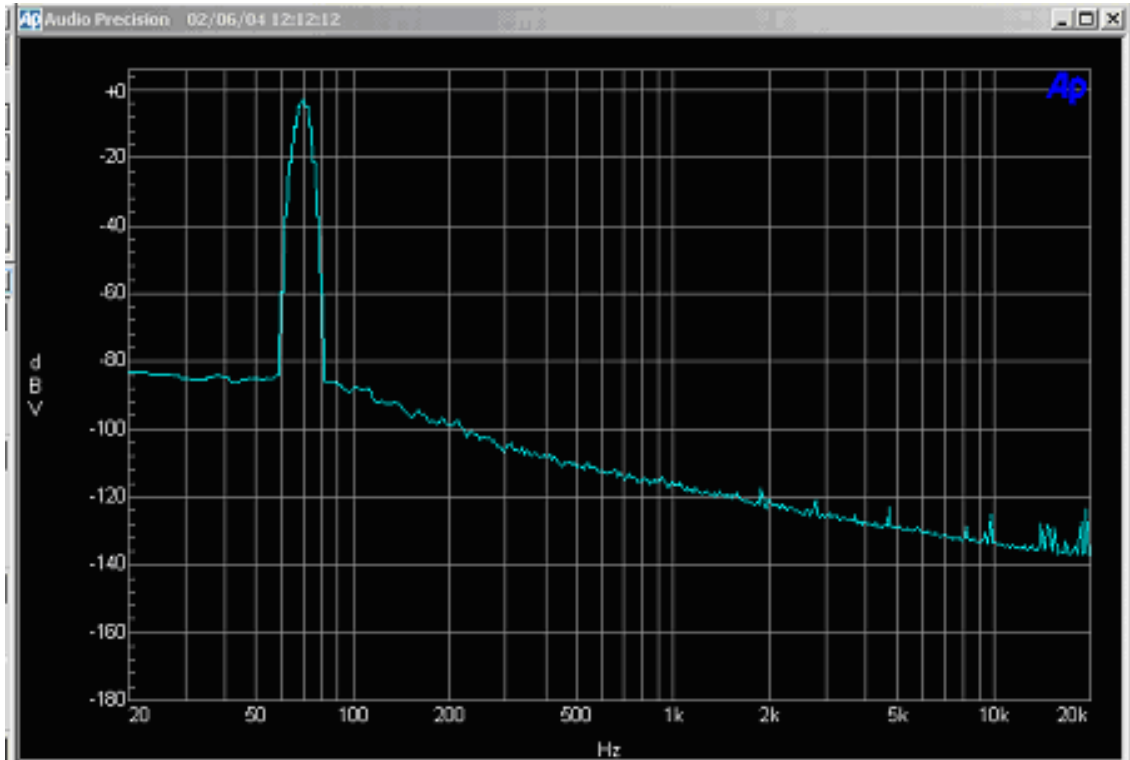
Signal to Noise Ratio, no filters, ref to 6Vp-p



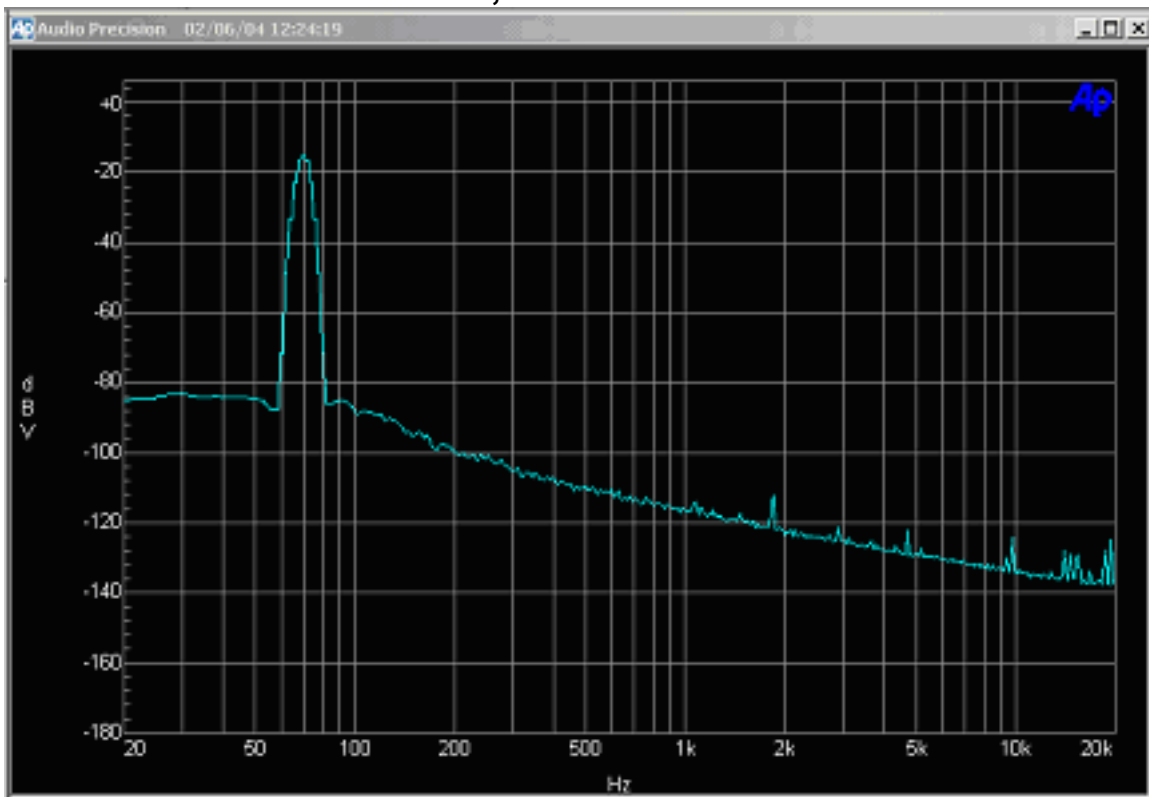
DYNAMIC RANGE, A-WEIGHTED, ref to 6Vp-p



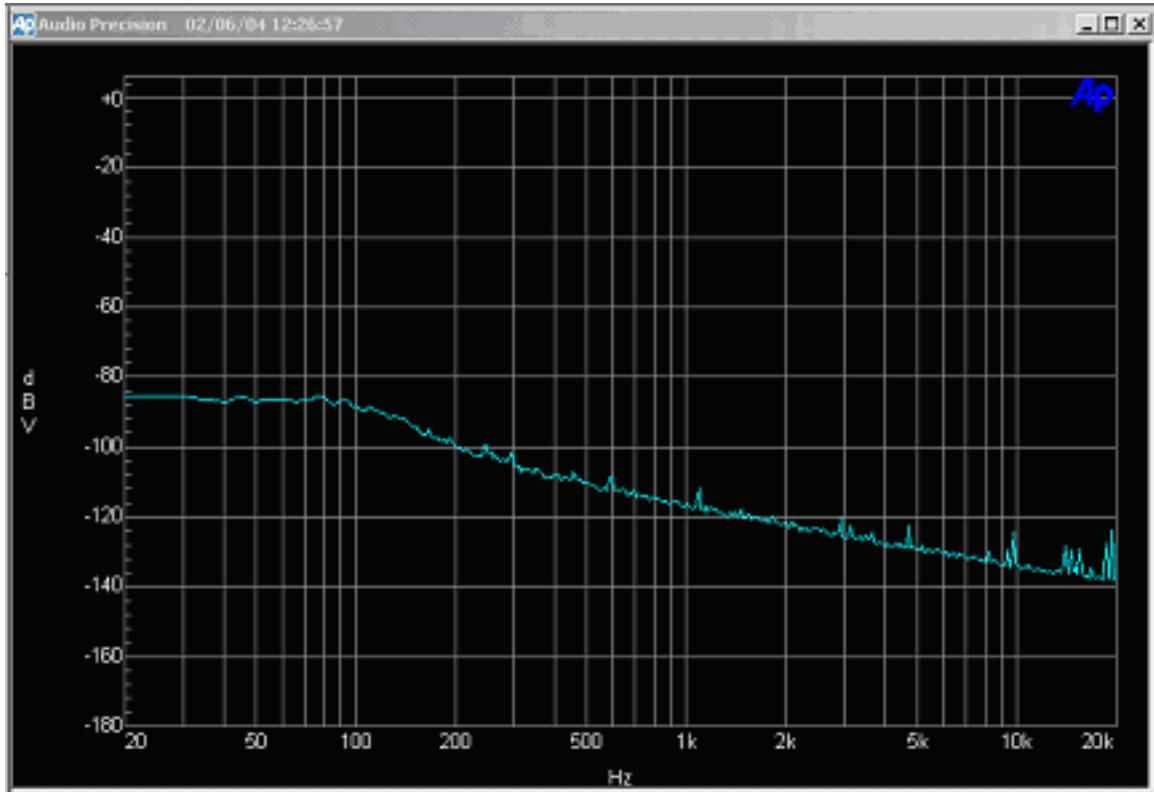
FFT, input 0dBu 70Hz



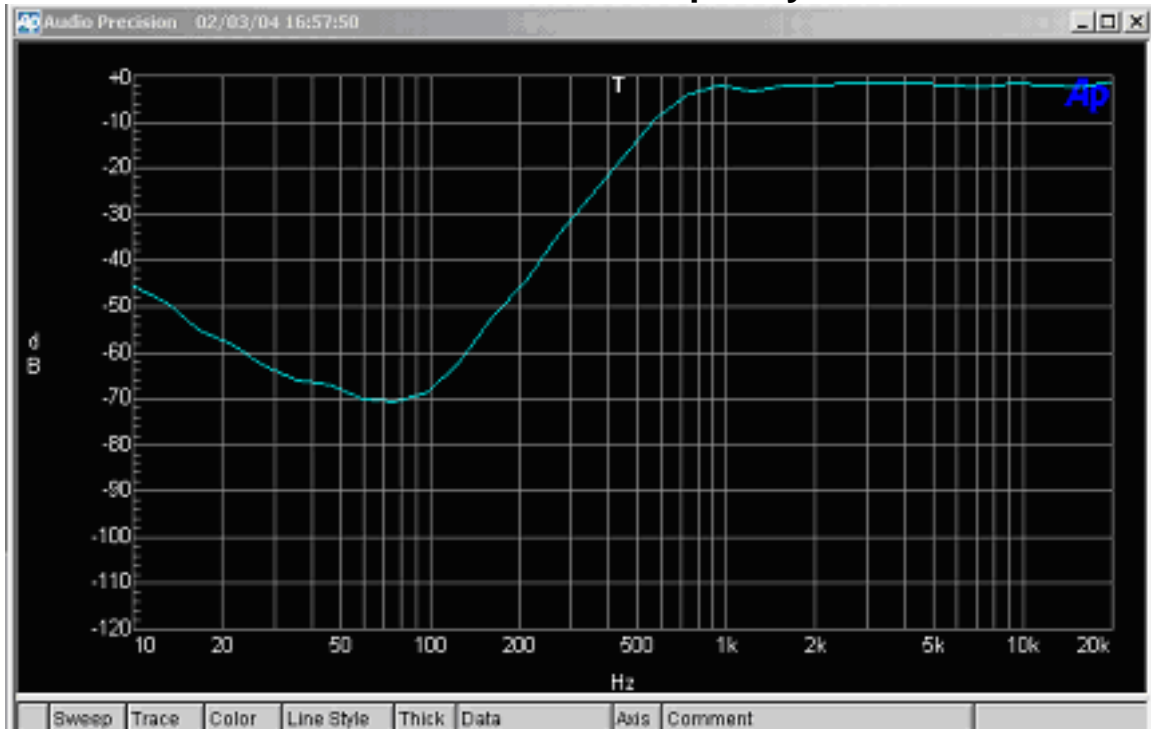
FFT, -12dBu 70Hz



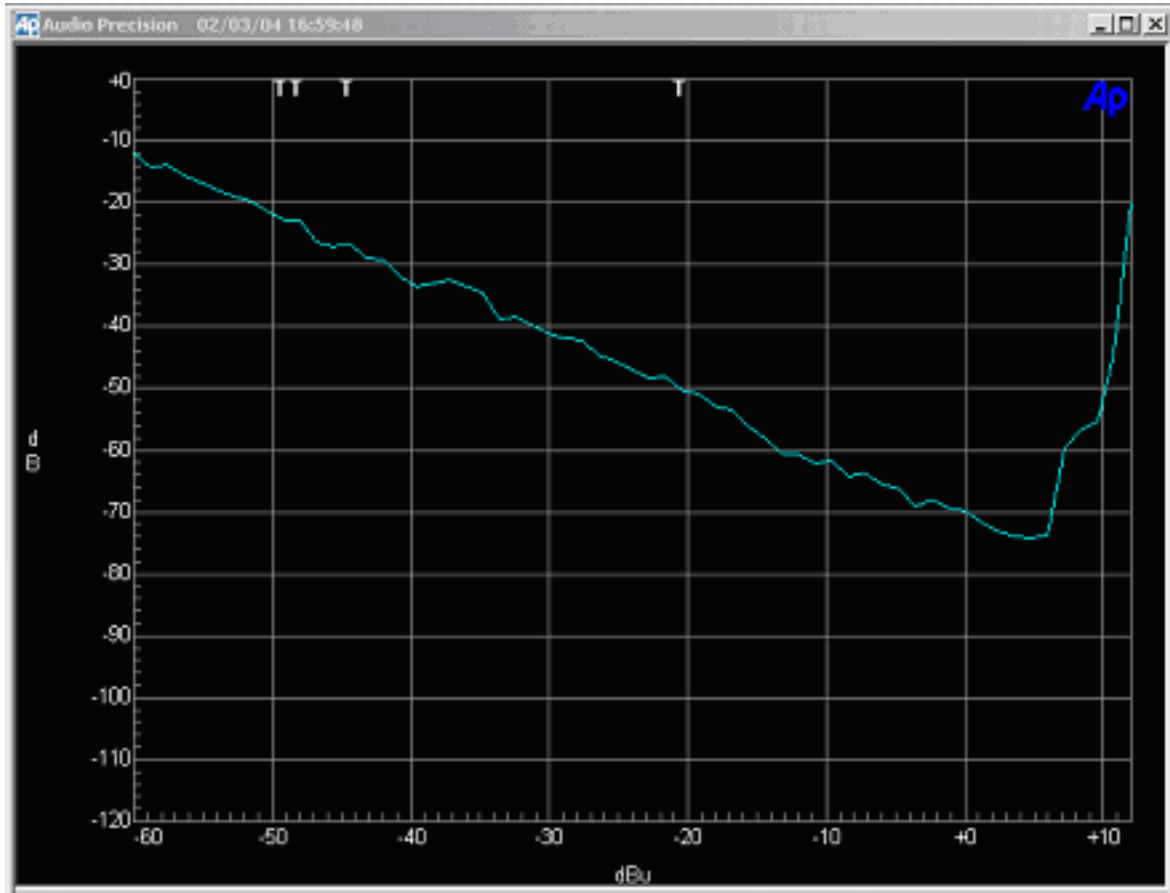
FFT, passive channel



THD+N versus Frequency



THD+N versus Amplitude, max 8Vp-p



**THD+N versus THD_15harmonics, input 4Vp-p at 70Hz,
BW= 22Hz-22KHz, A-weighting**

