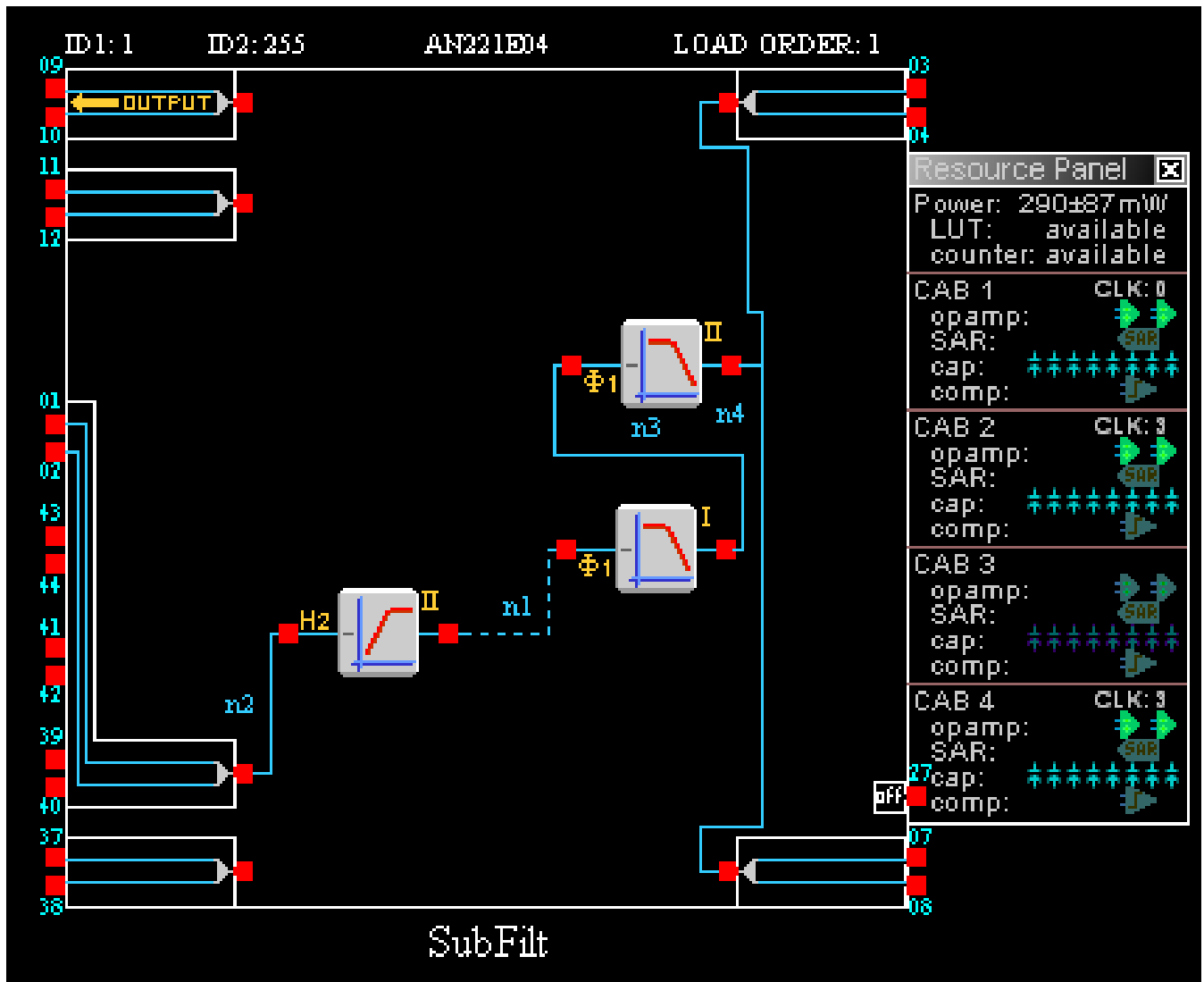


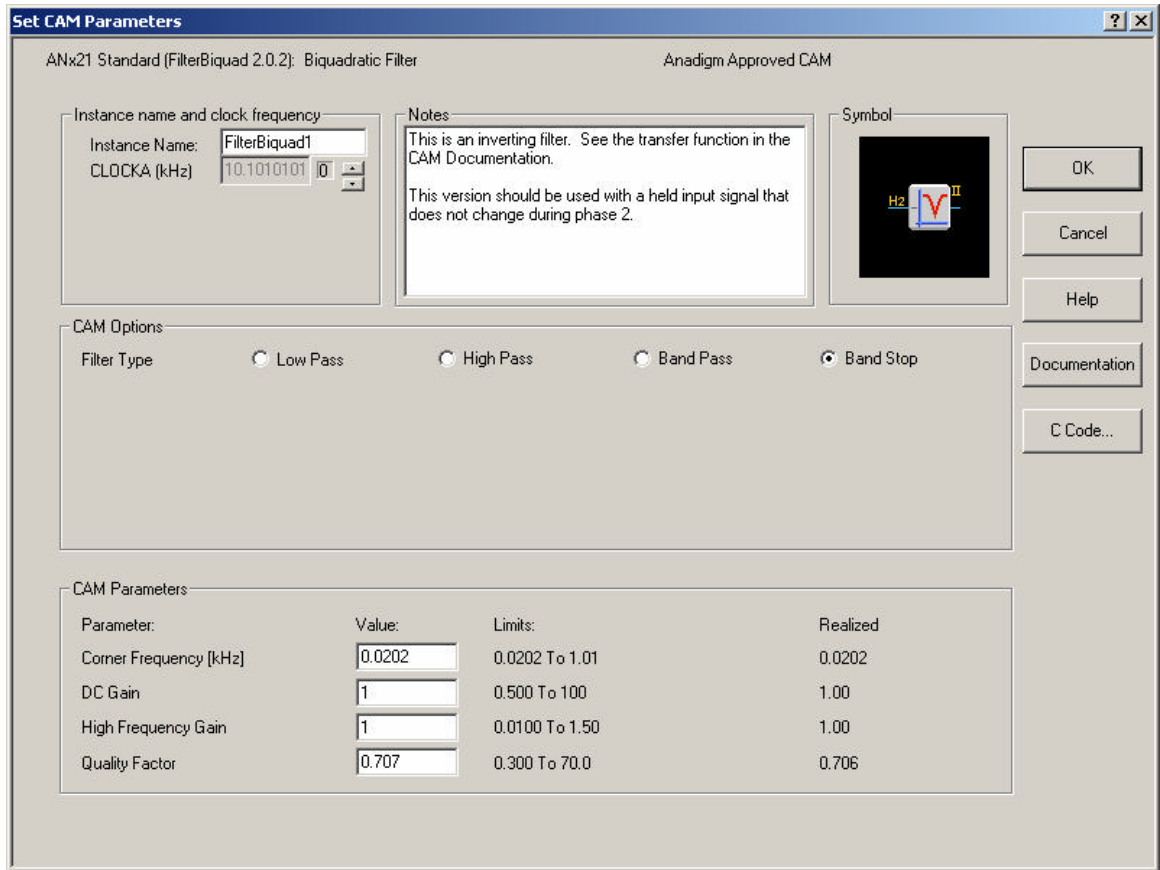
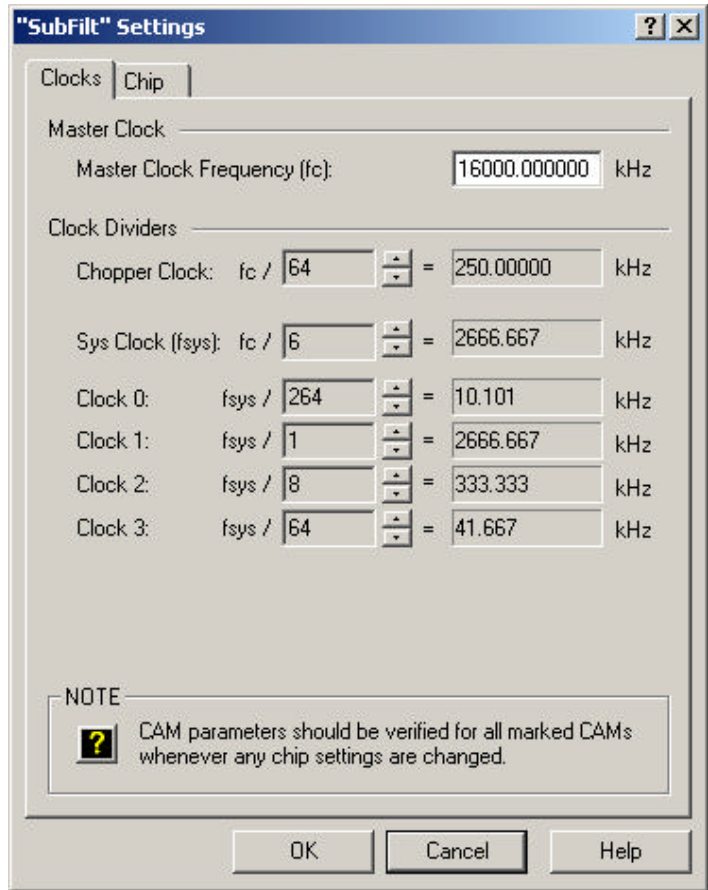
Typical Audio frequency performance of a Simple Sub-Woofer Filter designed (Anadigmdesigner2) and implemented in Anadigm's FPAA

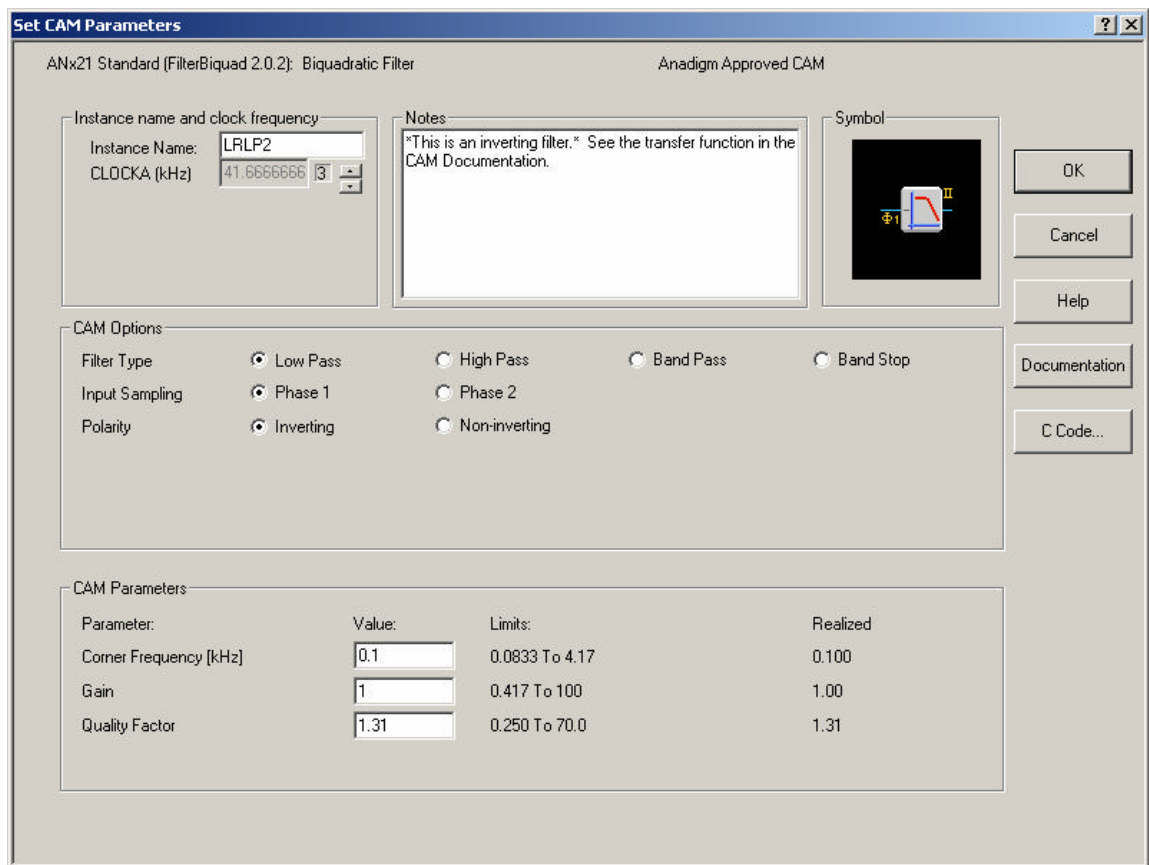
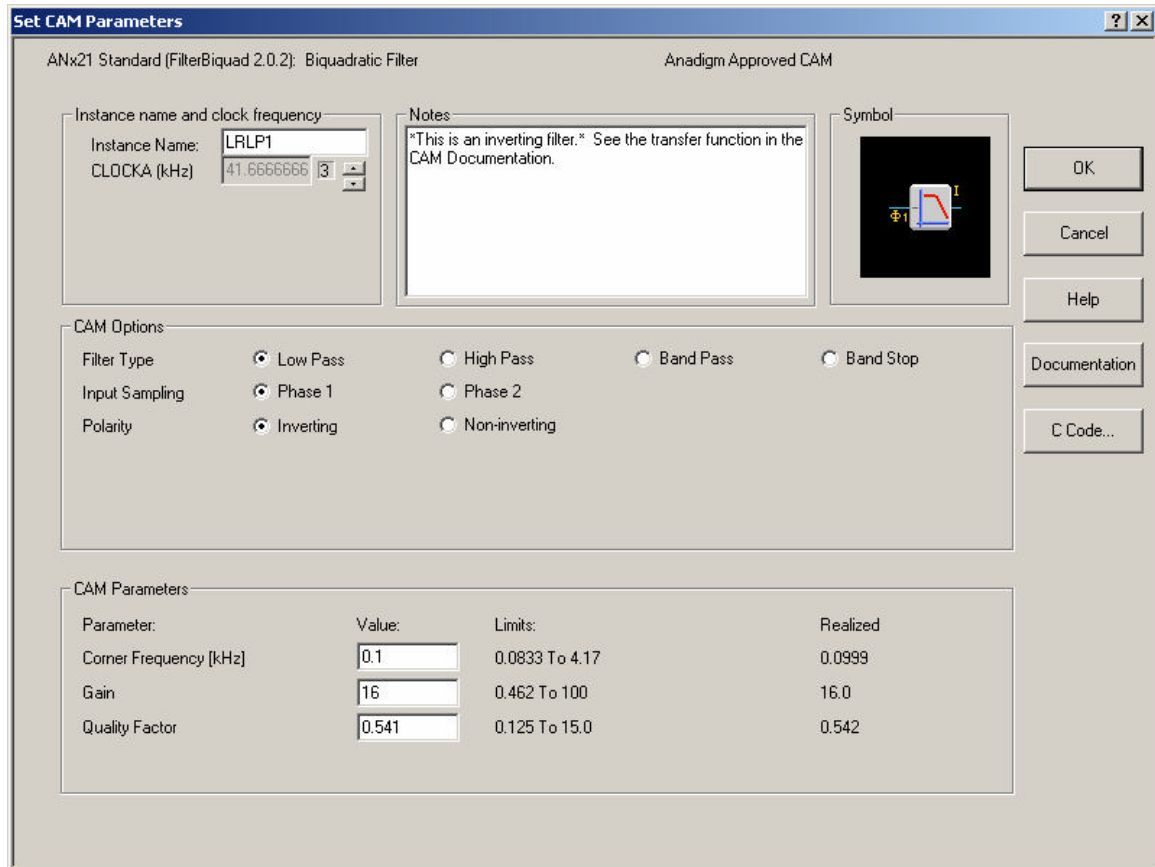
The FPAA circuit used for the test is full described below.



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.



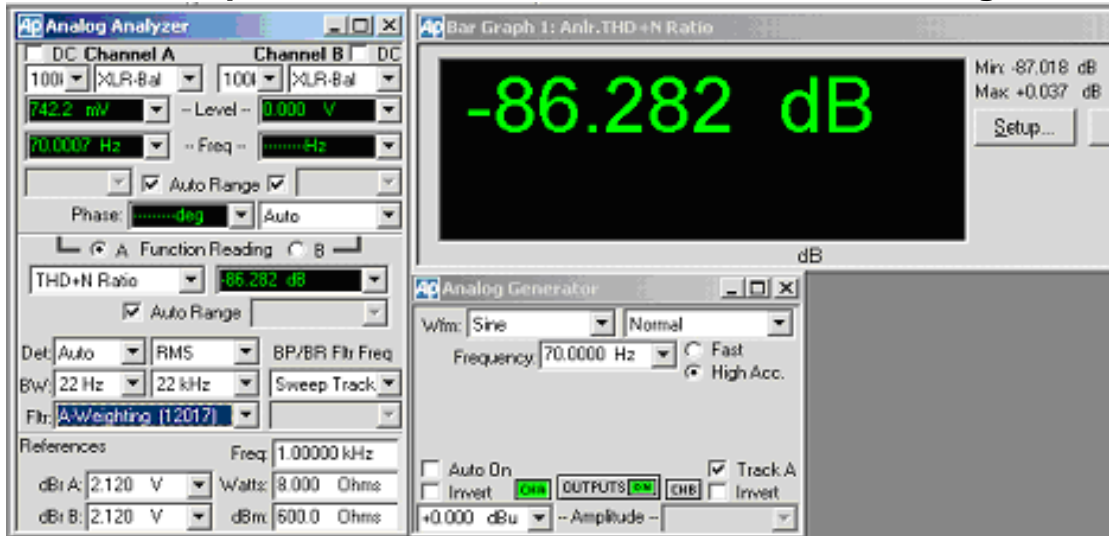


SUBWOOFER FILTER, standard CAMs

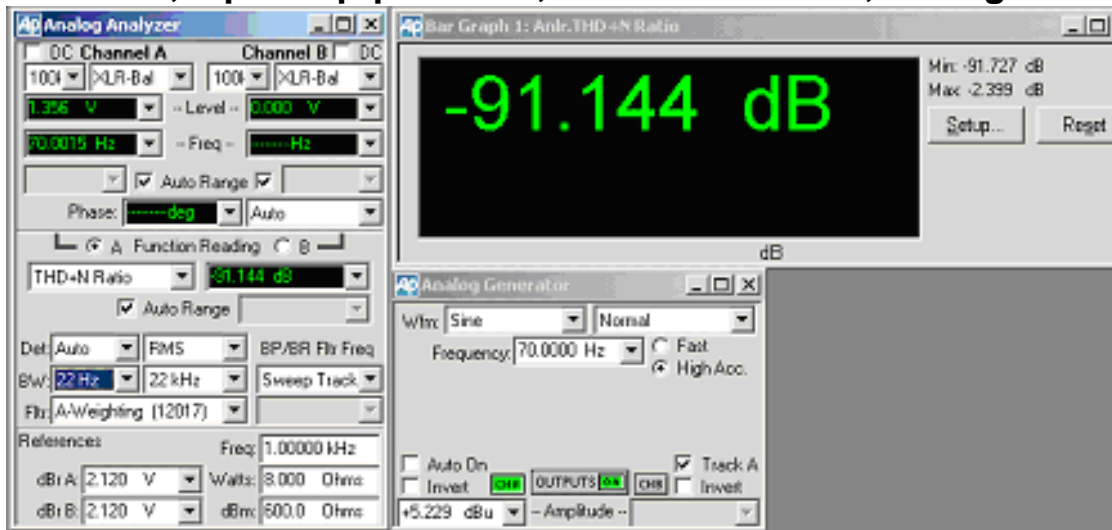
FREQ RESP, input levels 0dBu and +5.2dBu



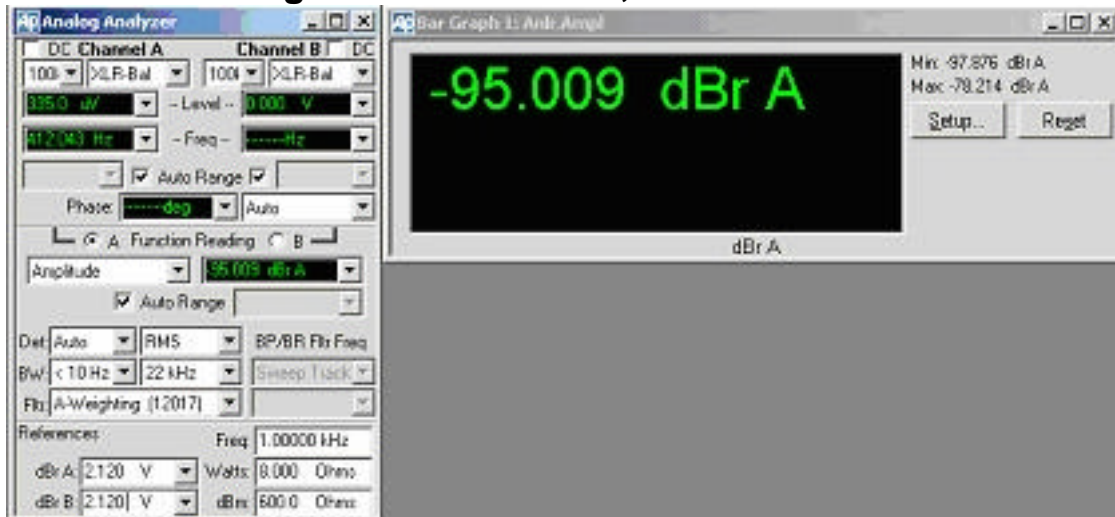
THD+N, input 0dBu at 70Hz, BW= 22Hz-22KHz, A weighted



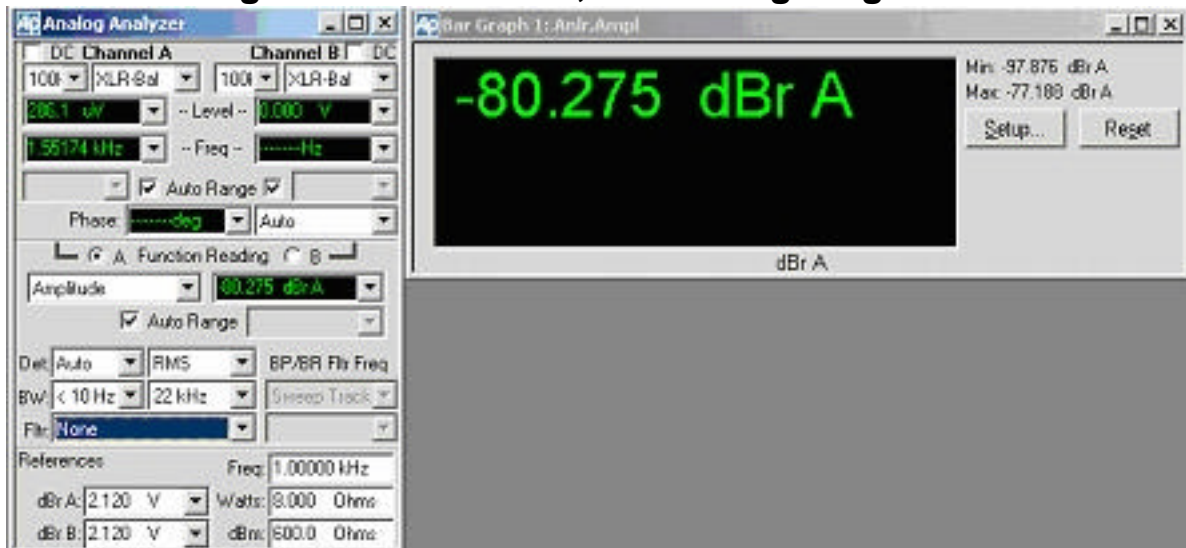
THD+N, input 5Vp-p at 70Hz, BW= 22Hz-22KHz, A weighted



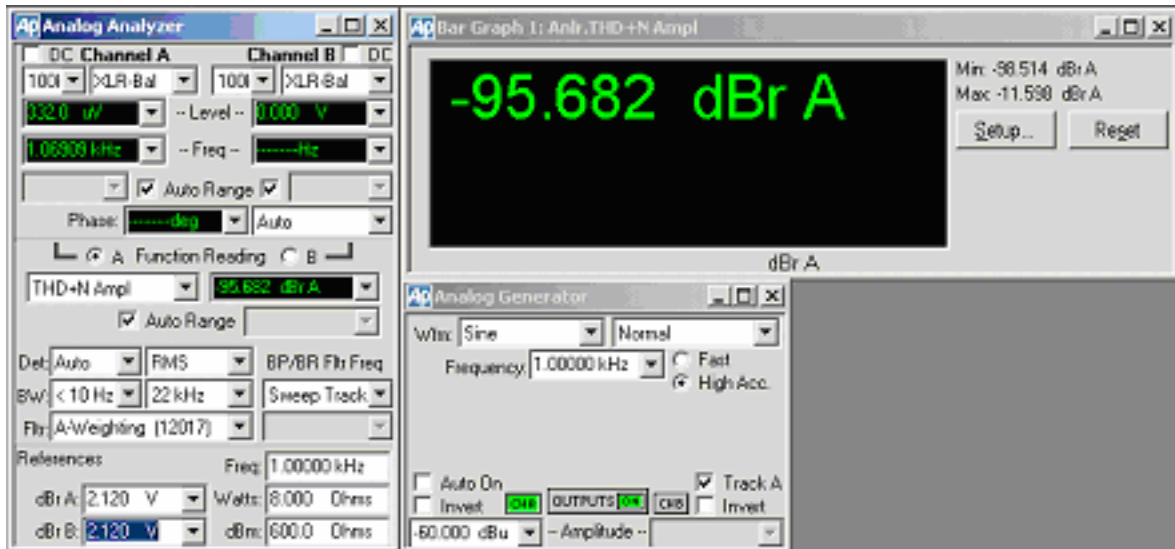
Signal to Noise Ratio, A-WEIGHTED



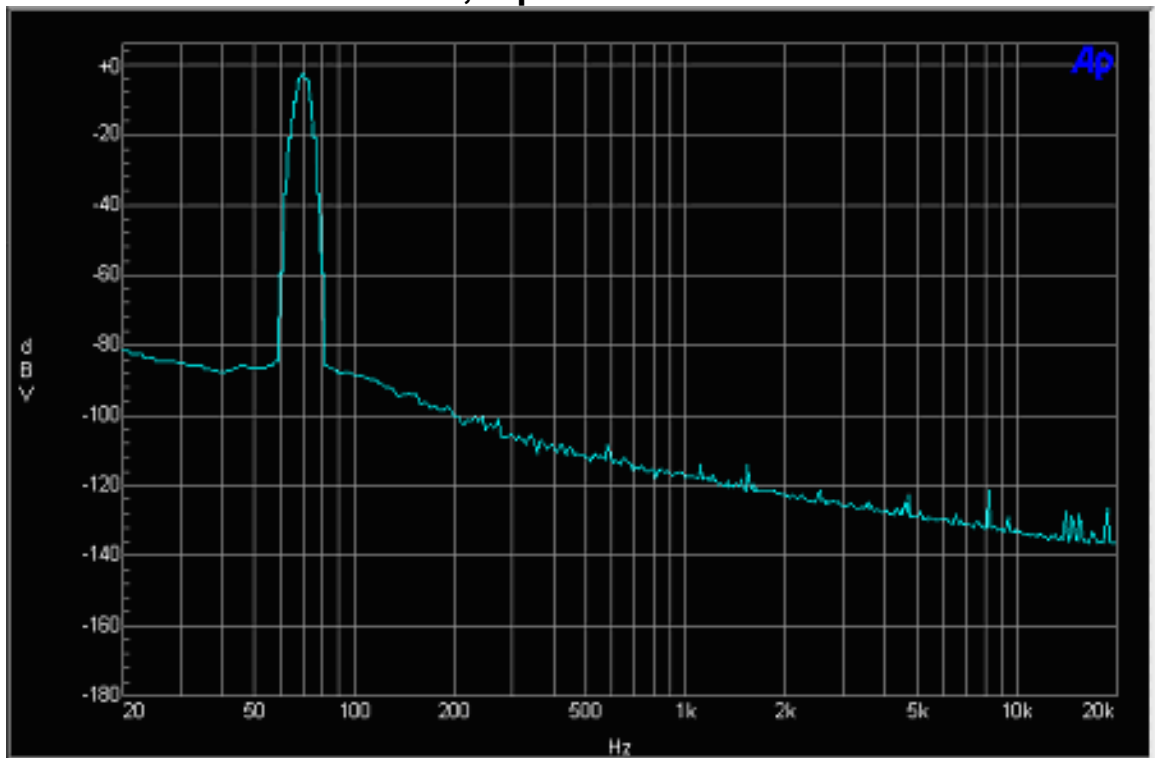
Signal to Noise Ratio, no "A weighting" filter



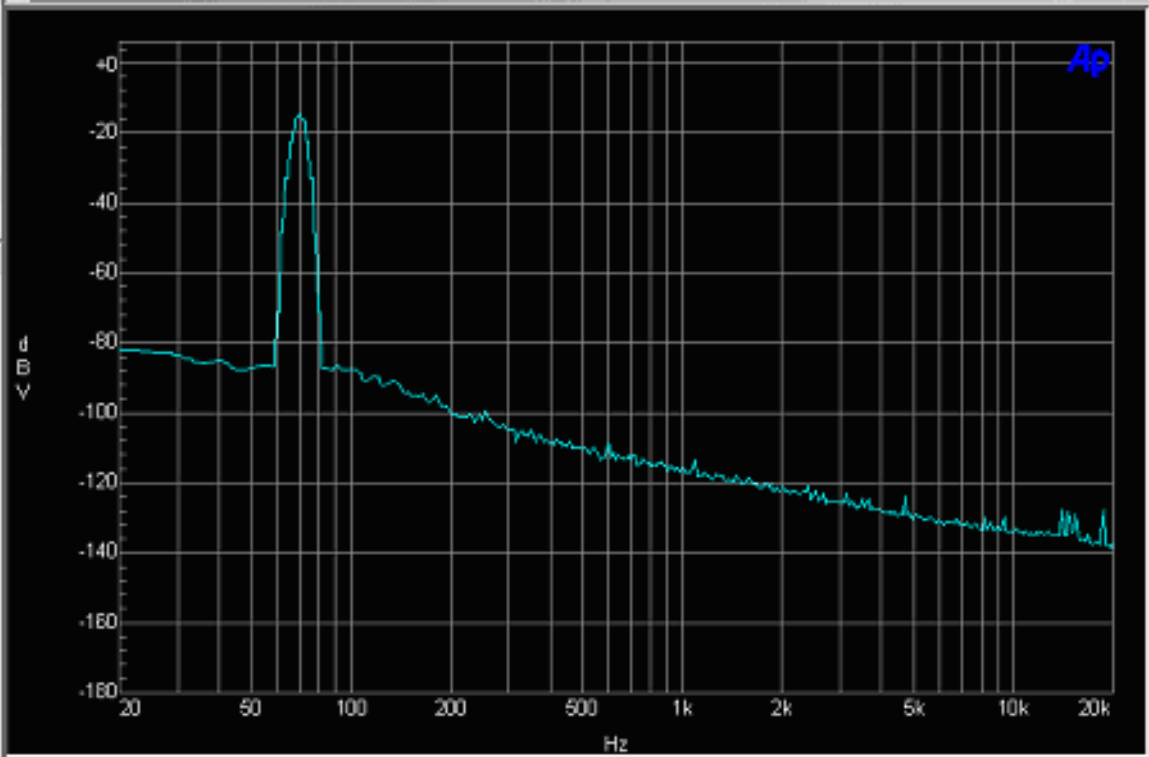
DYNAMIC RANGE



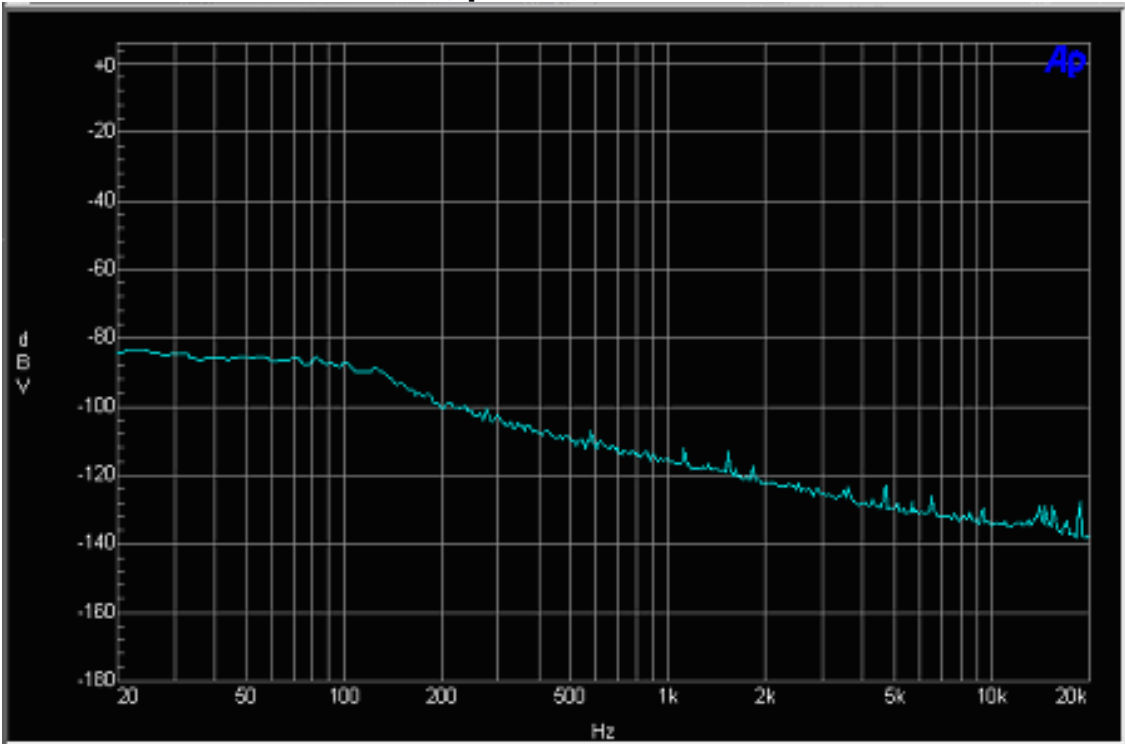
FFT, input 0dBu 70Hz



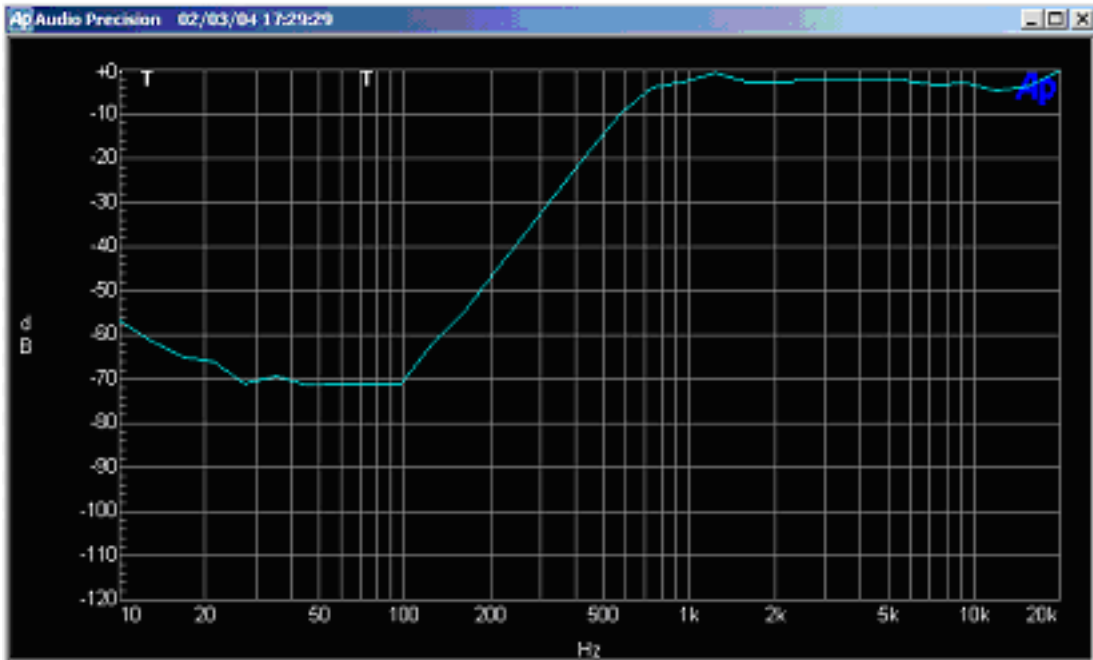
FFT, input -12dBu 70Hz



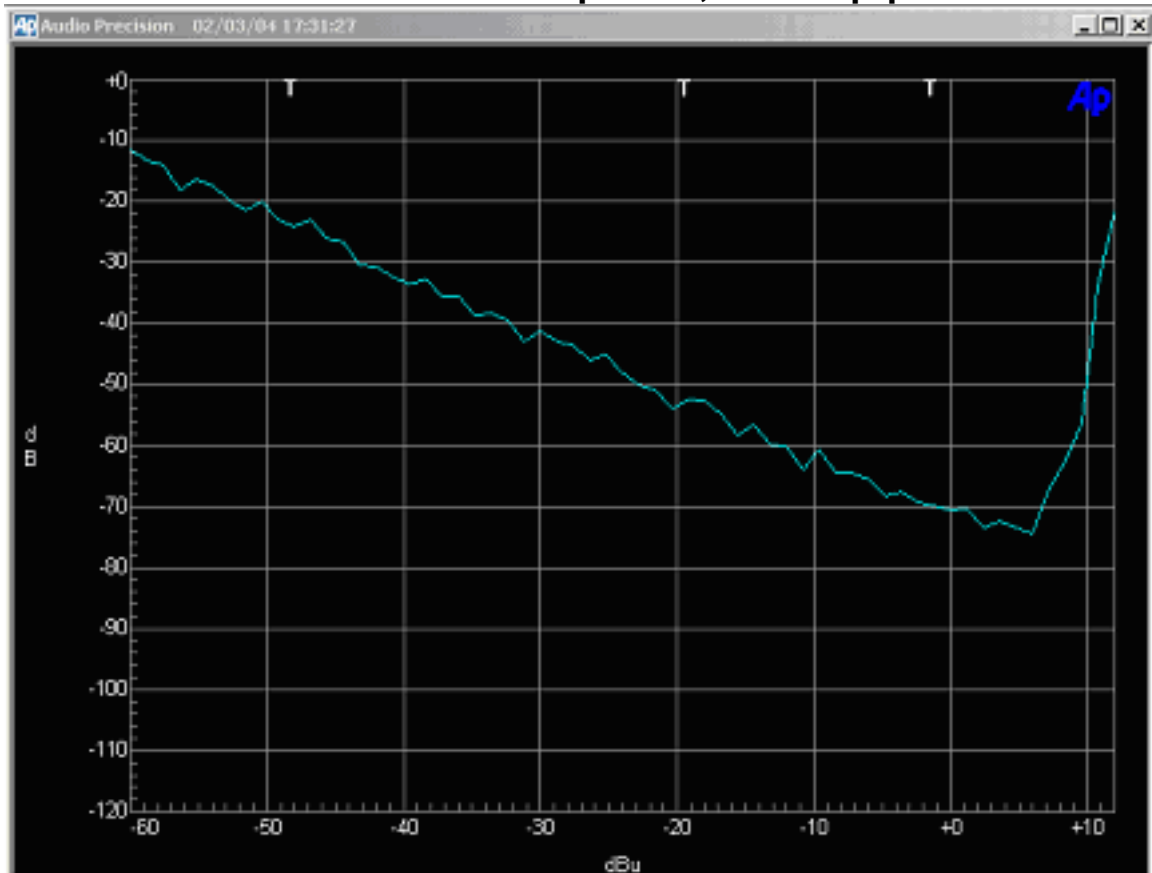
FFT, passive channel



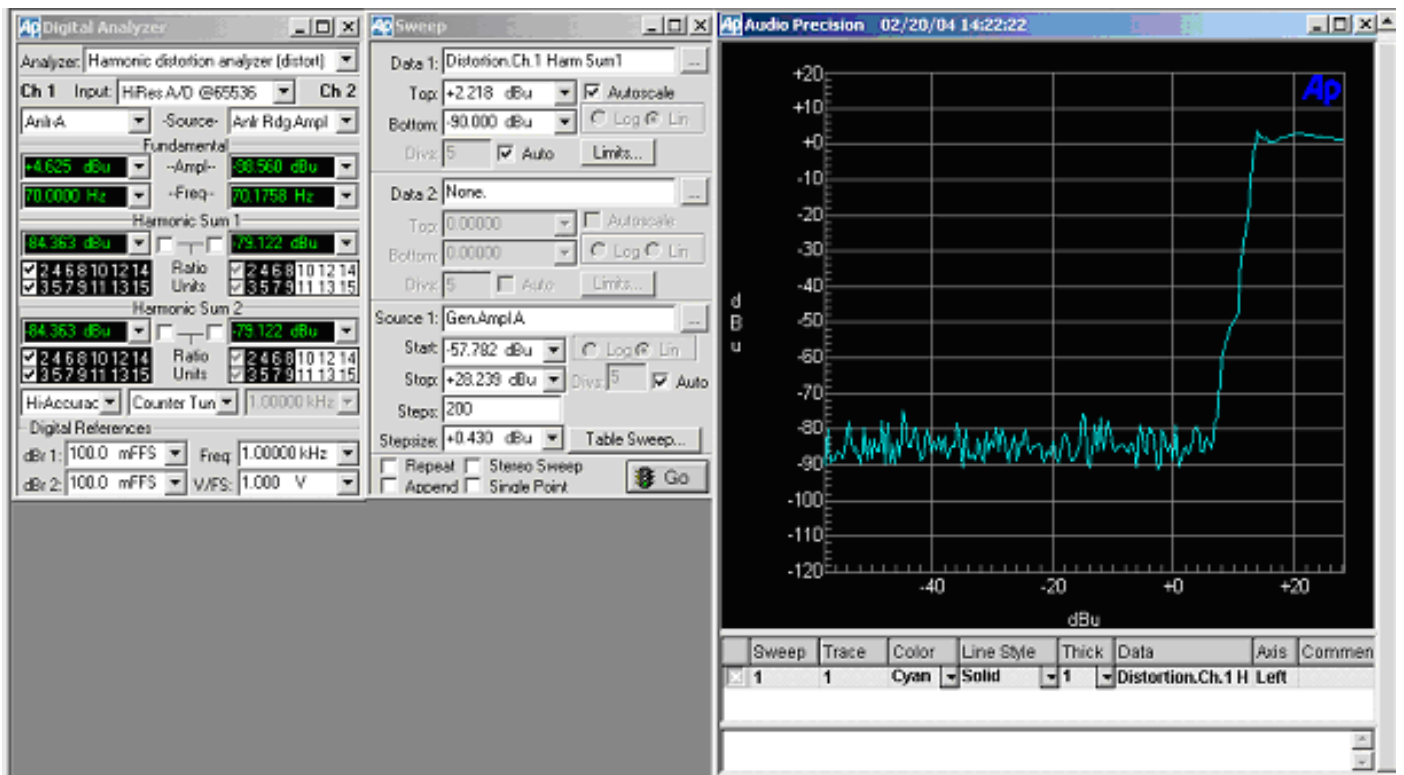
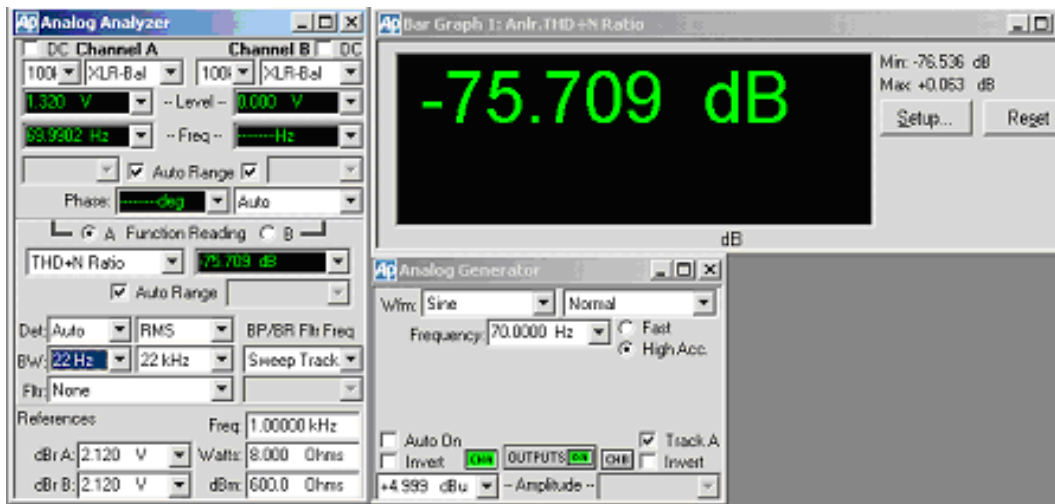
THD+N versus Frequency



THD+N versus Amplitude, max 8Vp-p



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



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

