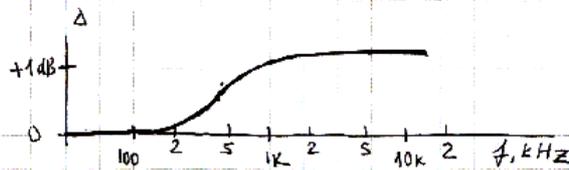
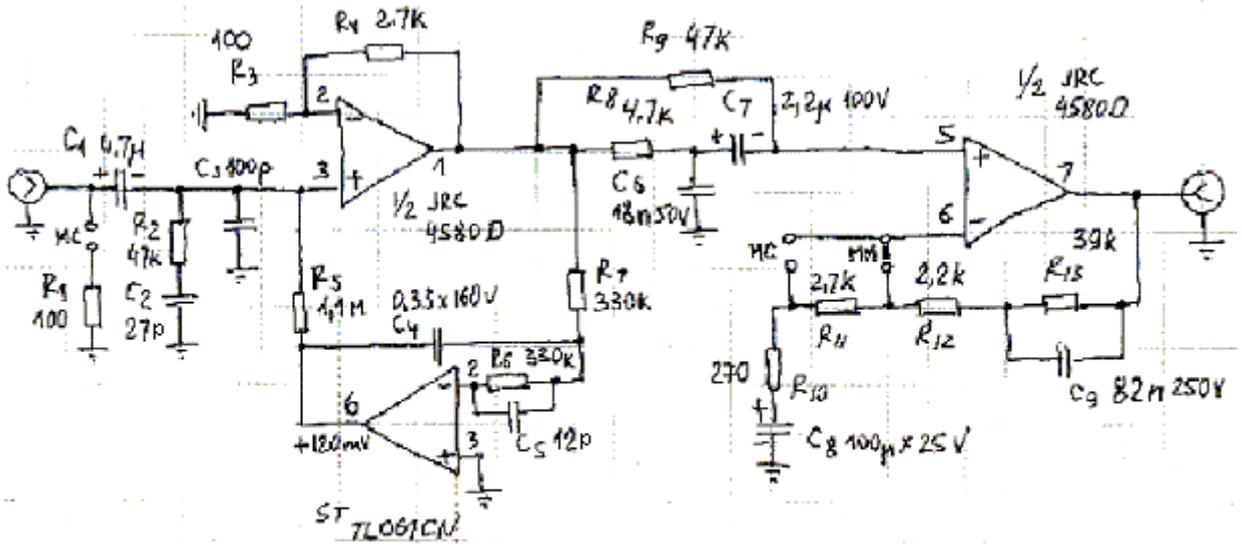


At first I measured the phono box frequency response with the active inverse RIAA circuit [1] and found the deviation above 1kHz about 1.2 dB, while in manual [2,3] it is stated that deviation from standard RIAA curve should be less than 0.5dB.



deviation from standard RIAA curve in original Project phono box ddanyuk@usa.net

My further step was reverse engineering. The op amps data is listed in [5,6]. The phono box and power supply circuit schematic is shown below.



Project phono box

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