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Subject: Re: Valve Phono Preamp

Posted by [FL152](#) on Sat, 02 Jul 2011 23:31:03 GMT

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Hm, I'd try half of that 113k value, say standard 56k. As you said, surprisingly, there are not too much RIAA deviation with some resistor values changes (tenths of dB, or 1 dB "over" 20 Hz in your case), but those deviations are in "wide" frequency spectrum and can be heard.

Quick calculation gives  $R_{out} \sim 28k$  from SRPP (must be measured or at least calculated and/or simulated), and when we use about 56k for series resistor in parallel with 1 Meg, this gives:

$R = (28+56) \times 1000 / (28+56+1000) = 77,5 k$ , about right.

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