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Subject: Re: 6EJ7/EF184

Posted by [PakProtector](#) on Mon, 14 Feb 2005 01:33:27 GMT

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I read through M-J's cascode stuff today.  $gm_1 * R_{load}$  is close enough. If I can realize +10 mA/V, a 30k load resistor will get me a gain of ~250. Now we're talking...output z of 30k leaves a 300k RIAA to play with. that's possible. Look at a E180F with gm of 50 mA/V and we can get output z down by a quarter and still keep stage gain in the mid-200's. If it can be done quiet enough, we're almost in std output moving coil area with a follow-up E180F grounded cathode and CCS plate load. I'll call this the 'hand waving' stage....regards, Douglas

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