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Subject: One output transformer hotter than the other  
Posted by [hurdy\\_gurdyman](#) on Thu, 18 Aug 2005 01:38:16 GMT  
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I have an old Scott LK-48-B integrated amp. I've had it in a cabinet since I bought it a few years back and had low speed fans cooling it. I moved it to the top of the cabinet with no fans a few days ago. Now I notice that the right channel output transformer runs hotter than the left, quite noticeably. I checked with a VOM all the voltages. Each output tube plate has 420 VDC, as the schematic says it should (supposed to have 7189 tubes. I am running JJ EL 84's.) I have no way to accurately check bias current, but measure -31 VDC at the grids. both sides measure the same. I adjusted for 0 volts DC balance between the pair of tubes on each channel. Right channel still runs hotter. After running the amp for 16 hours, I can place my hand on the right tranny and count to 10 without burning, but it's very uncomfortable. The left side is not very uncomfortable, just warm. My question would be if this sounds like it's within normal range for tube amp channel-to-channel variation, or do I have a problem? If I have a problem, what should I do next? Dave

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