
Subject: Some test results on JJ 5751
Posted by [Aki](#) on Tue, 05 Jun 2012 13:56:26 GMT
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Have been testing a batch of newly released JJ 5751, and came up with some test results that I thought I might share with folks here.

Visually, JJ 5751 is identical to JJ ECC83S. Same glass, same plate structure. Electrically, they are definitely different creatures.

The numbers below were from a batch of 20 JJ 5751, tested at $I_p=1\text{mA}$, $E_p=200\text{V}$. Average numbers from JAN GE 5751 and JJ ECC83S on the same tester are listed for comparison.

	JJ 5751	JAN GE 5751	JJ ECC83S
Conductance :	2000	1650	1800
Mu:	82	75	95

From the numbers above, calculated plate resistance are similar between JJ 5751 and JAN 5751.

Of course, this is only a test at a particular operating point and not a full curve trace by any means. But you get a general idea as to how JJ 5751 would behave.

Subject: Re: Some test results on JJ 5751
Posted by [Wayne Parham](#) on Tue, 05 Jun 2012 14:23:41 GMT
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That's good information, thanks!

Subject: Re: Some test results on JJ 5751
Posted by [gofar99](#) on Fri, 15 Mar 2013 22:35:10 GMT
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Hi, I just saw this thread and wanted to add a bit of information to it. I use 5751s in several designs. Mostly Jan Phillips and Sovtek ones as they cover the warmer and hotter ends of the range. I find both to be great in Oddwatt amps. I tried a batch of JJ ones in the same amps and they do not work well. The sound was quite inferior to either of the other two types. The ones I got were constructed differently as well. The internal structure looked more like a 6J6 RF tube than any of the 12A_7 or variants. Certainly not like the 5751s I was using. They have small square anodes set low in the bottles. I made the recommendation (as much as I really like JJ

tubes) to not use them in any of the Oddwatt designs.

Subject: Re: Some test results on JJ 5751
Posted by [bestfriend](#) on Thu, 28 Nov 2013 12:11:05 GMT
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The title says it all. Why? Why do so few manufacturers use them?
