

DC Measurement Comparisons Between the uTracer and VTA101

Units are V and mA.

Tube	Vg	Va	Plate Current, Ia			abs()	avg of all
			VTA	uTracer	% Deviation		
6BQ5	0.0	49.97	135.350	134.011	-1.0	1.0	1.0
	-2.0	97.57	115.200	117.055	1.6	1.6	1.6
	-4.0	69.26	82.600	83.825	1.5	1.5	1.5
	-6.0	49.61	54.650	55.792	2.1	2.1	2.1
	-6.0	99.87	61.500	61.673	0.3	0.3	0.3
	-6.0	176.01	65.850	65.365	-0.7	0.7	0.7
	-8.0	250.84	45.380	44.716	-1.5	1.5	1.5
	-10.0	151.33	25.580	25.011	-2.2	2.2	2.2
6BQ5 average of deviation : 1.38 %							0.6
6L6GC	-4.0	35.87	114.930	114.183	-0.6	0.6	0.3
	-4.0	125.47	124.600	124.439	-0.1	0.1	0.7
	-4.0	224.78	130.650	131.003	0.3	0.3	1.9
	-8.0	174.61	95.530	94.902	-0.7	0.7	1.5
	-12.0	76.27	59.970	58.801	-1.9	1.9	4.0
	-16.0	150.97	45.760	45.072	-1.5	1.5	3.6
	-24.0	100.74	13.650	13.100	-4.0	4.0	5.5
	-24.0	226.34	19.450	18.741	-3.6	3.6	1.4
6L6GC average of deviation : 1.60 %							2.4
12AX7	0.0	120.17	2.770	2.619	-5.5	5.5	2.4
	-0.5	98.73	1.300	1.318	1.4	1.4	2.5
	-1.0	169.24	1.680	1.720	2.4	2.4	2.6
	-1.5	151.30	0.535	0.519	-3.0	3.0	2.2
	-1.5	199.47	1.275	1.244	-2.4	2.4	1.8
	-1.5	249.38	2.250	2.194	-2.5	2.5	2.5
	-2.0	211.31	0.705	0.687	-2.6	2.6	1.4
	-2.5	279.63	0.995	0.973	-2.2	2.2	0.9
12AX7 average of deviation : 2.74 %							2.7
6AU6	0.0	30.65	11.150	10.953	-1.8	1.8	1.6
	0.0	239.55	12.450	12.143	-2.5	2.5	3.6
	-1.0	31.16	6.870	6.967	1.4	1.4	3.0
	-1.0	288.68	7.600	7.671	0.9	0.9	2.02
	-1.5	100.83	5.170	5.030	-2.7	2.7	
	-2.0	249.34	3.460	3.404	-1.6	1.6	
	-2.5	49.64	1.960	1.890	-3.6	3.6	
	-3.5	199.90	0.570	0.553	-3.0	3.0	
6AU6 average of deviation : 2.18 %							
Average of all deviation : 2.02 %							