

DC Voltage

5500A Output	DUT Autorange	DUT Indication	Stability			Spec?	Pct of Spec	DUT Res.	Spec. %	Spec. digits
0 V	0.000 V	0 V	<1	counts	(i.e. "0.000 V" stable)	0.002	0.0%	0.001	0.3	2
0.6 V		0.599 V	<1	counts		0.004	-25.0%	0.001	0.3	2
5 V		4.997 V	<1	counts		0.02	-15.0%	0.001	0.3	2
7 V	00.00 V									
6 V		5.99 V	<1	counts		0.05	-20.0%	0.01	0.4	2
50 V		50.02 V	<1	counts		0.26	7.7%	0.01	0.4	2
70 V	000.0 V									
60 V		59.9 V	<1	counts		0.3	-33.3%	0.1	0.2	2
500 V		500 V	<1	counts		1.4	0.0%	0.1	0.2	2
700 V	0000 V									
600 V		600 V	<1	counts		5	0.0%	1	0.4	2
1000 V		1000 V	<1	counts		7	0.0%	1	0.4	2
0 V	0.000 V	0 V	<1	counts		0.002	0.0%	0.001	0.3	2

DC mV

5500A Output	DUT Autorange	DUT Indication	Stability			Spec?	Pct of Spec	DUT Res.	Spec. %	Spec. digits
0 mV	00.00 mV	0 mV	<1	counts		0.02	0.0%	0.01	0.3	2
6 mV		5.99 mV	<1	counts		0.04	-25.0%	0.01	0.3	2
50 mV		49.99 mV	<1	counts		0.2	-5.0%	0.01	0.3	2
70 mV	000.0 mV									
60 mV		59.9 mV	+1	counts	(i.e. "059.9 mV" mostly, "060.0 mV" occasionally)	0.4	-25.0%	0.1	0.3	2
500 mV		500 mV	<1	counts		2	0.0%	0.1	0.3	2

AC mV

5500A Output		DUT Autorange	DUT Indication	Stability			Spec?	Pct of Spec	DUT Res.	Spec. %	Spec. digits
0 mV	0 Hz (DC)	00.00 mV	0 mV	<1	counts		0.03	0.0%	0.01	1	3
6 mV	50 Hz		5.99 mV	<1	counts		0.1	-10.0%	0.01	1	3
50 mV	50 Hz		50 mV	-1	counts	(i.e. "50.00 mV" mostly, "49.99 mV" occasionally)	0.63	0.0%	0.01	1	3
50 mV	400 Hz		50.02 mV	<1	counts		0.63	3.2%	0.01	1	3
50 mV	800 Hz		49.53 mV	<1	counts		1.22	-38.5%	0.01	2	3
70 mV	50 Hz	000.0 mV									
60 mV	50 Hz		60 mV	<1	counts		1	0.0%	0.1	1	3
500 mV	50 Hz		500.2 mV	<1	counts		6.3	3.2%	0.1	1	3
500 mV	400 Hz		500.5 mV	<1	counts		6.3	7.9%	0.1	1	3
500 mV	800 Hz		495.5 mV	<1	counts		12.2	-36.9%	0.1	2	3

AC Voltage

5500A Output		DUT Autorange	DUT Indication	Stability			Spec?	Pct of Spec	DUT Res.	Spec. %	Spec. digits
0 V	0 Hz (DC)	0.000 V	0 V	<1	counts		0.003	0.0%	0.001	0.7	3
0.6 V	50 Hz		0.599 V	<1	counts		0.008	-12.5%	0.001	0.7	3
5 V	50 Hz		4.998 V	<1	counts		0.045	-4.4%	0.001	0.7	3
5 V	400 Hz		4.987 V	<1	counts		0.123	-10.6%	0.001	2	3
7 V	50 Hz	00.00 V									
6 V	50 Hz		6 V	<1	counts		0.08	0.0%	0.01	0.7	3
50 V	50 Hz		50.02 V	<1	counts		0.45	4.4%	0.01	0.7	3
50 V	400 Hz		50.03 V	<1	counts		1.23	2.4%	0.01	2	3
70 V	50 Hz	000.0 V									
60 V	50 Hz		59.9 V	<1	counts		0.8	-12.5%	0.1	0.7	3
500 V	50 Hz		499.9 V	+1	counts	shifted to 500.0 V after approx 30 s	4.5	-2.2%	0.1	0.7	3
500 V	400 Hz		497.7 V	<1	counts		12.2	-18.9%	0.1	2	3
700 V	50 Hz	0000 V									
600 V	50 Hz		600 V	<1	counts		8	0.0%	1	0.7	3
750 V	50 Hz		750 V	<1	counts		9	0.0%	1	0.7	3
750 V	400 Hz		751 V	<1	counts		21	4.8%	1	2	3
1000 V	50 Hz		1001 V	<1	counts		11	9.1%	1	0.7	3
1000 V	400 Hz		1002 V	<1	counts		27	7.4%	1	2	3
0 V	0 Hz (DC)	0.000 V	0 V	<1	counts		0.003	0.0%	0.001	0.7	3

Resistance

5500A Output	DUT Autorange	DUT Indication	Stability		Spec?	Pct of Spec	DUT Res.	Spec. %	Spec. digits	
0 Ohm	000.0 Ohm	0 Ohm	<1	counts		0.3	0.0%	0.1	0.3	3
60 Ohm		60 Ohm	<1	counts		0.5	0.0%	0.1	0.3	3
500 Ohm		500.1 Ohm	<1	counts		2.1	4.8%	0.1	0.3	3
0.7 kOhm	0.000 kOhm									
0.6 kOhm		0.599 kOhm	<1	counts		0.005	-20.0%	0.001	0.3	3
5 kOhm		4.997 kOhm	<1	counts		0.021	-14.3%	0.001	0.3	3
7 kOhm	00.00 kOhm									
6 kOhm		6 kOhm	<1	counts		0.07	0.0%	0.01	0.5	3
50 kOhm		50.03 kOhm	<1	counts		0.33	9.1%	0.01	0.5	3
70 kOhm	000.0 kOhm									
60 kOhm		60 kOhm	<1	counts		0.7	0.0%	0.1	0.5	3
500 kOhm		500.4 kOhm	<1	counts		3.3	12.1%	0.1	0.5	3
0.7 MOhm	0.000 MOhm									
0.6 MOhm		0.598 MOhm	<1	counts		0.008	-25.0%	0.001	0.9	2
5 MOhm		4.991 MOhm	+1	counts		0.056	-16.1%	0.001	0.9	2
7 MOhm	00.00 MOhm									
6 MOhm		6 MOhm	<1	counts		0.08	0.0%	0.01	0.9	2
50 MOhm		49.92 MOhm	+1	counts	shifted to 49.93 MOhm after approx 1 m	3.2	-2.2%	0.01	5	20

DC µA

5500A Output	DUT Autorange	DUT Indication	Stability		Spec?	Pct of Spec	DUT Res.	Spec. %	Spec. digits	
0 µA	000.0 µA	0 µA	<1	counts		0.3	0.0%	0.1	1	3
60 µA		60 µA	<1	counts		1	0.0%	0.1	1	3
500 µA		499.7 µA	<1	counts		6.3	-4.8%	0.1	1	3
700 µA	0000 µA									
600 µA		599 µA	<1	counts		10	-10.0%	1	1	3
5000 µA		4997 µA	<1	counts		63	-4.8%	1	1	3

AC µA

5500A Output	DUT		DUT				Spec?	Pct of Spec	DUT			
	Autorange	Indication	Stability						Res.	Spec. %	Spec. digits	
0 µA	0 Hz (DC)	000.0 µA	0 µA	+1	counts		0.3	0.0%		0.1	1.5	3
60 µA	50 Hz		59.9 µA	<1	counts		1.4	-7.1%		0.1	1.5	3
500 µA	50 Hz		499.6 µA	-1	counts		9.3	-4.3%		0.1	1.5	3
500 µA	400 Hz		499.8 µA	<1	counts		9.3	-2.2%		0.1	1.5	3
700 µA	50 Hz	0000 µA										
600 µA	50 Hz		598 µA	+1	counts	shifted to 599 µA after approx 30 s	14	-14.3%		1	1.5	3
5000 µA	50 Hz		4998 µA	<1	counts		93	-2.2%		1	1.5	3
5000 µA	400 Hz		5001 µA	<1	counts		93	1.1%		1	1.5	3

DC mA

5500A Output		DUT Autorange	DUT Indication	Stability		Spec?	Pct of Spec	DUT Res.	Spec. %	Spec. digits
0 mA		00.00 mA	0 mA	<1	counts	0.03	0.0%	0.01	0.7	3
6 mA			5.99 mA	<1	counts	0.08	-12.5%	0.01	0.7	3
50 mA			50 mA	<1	counts	0.45	0.0%	0.01	0.7	3
70 mA		000.0 mA								
60 mA			59.9 mA	<1	counts	0.8	-12.5%	0.1	0.7	3
500 mA			500.1 mA	-1	counts	4.5	2.2%	0.1	0.7	3

AC mA

5500A Output		DUT Autorange	DUT Indication	Stability		Spec?	Pct of Spec	DUT Res.	Spec. %	Spec. digits
0 mA	0 Hz (DC)	00.00 mA	0 mA	<1	counts	0.03	0.0%	0.01	1	3
6 mA	50 Hz		5.99 mA	<1	counts	0.1	-10.0%	0.01	1	3
50 mA	50 Hz		50 mA	<1	counts	0.63	0.0%	0.01	1	3
50 mA	400 Hz		50.02 mA	<1	counts	0.63	3.2%	0.01	1	3
70 mA	50 Hz	000.0 mA								
60 mA	50 Hz		60 mA	<1	counts	1	0.0%	0.1	1	3
500 mA	50 Hz		500.4 mA	+1	counts	6.3	6.3%	0.1	1	3
500 mA	400 Hz		500.7 mA	<1	counts	6.3	11.1%	0.1	1	3

DC A

5500A Output		DUT Autorange	DUT Indication	Stability		Spec?	Pct of Spec	DUT Res.	Spec. %	Spec. digits
0 A		0.000 A	0 A	<1	counts	0.003	0.0%	0.001	0.7	3
0.6 A			0.599 A	+1	counts	0.008	-12.5%	0.001	0.7	3
5 A			4.999 A	-1	counts	0.045	-2.2%	0.001	0.7	3
7 A		00.00 A								
6 A			5.99 A	<1	counts	0.08	-0.125	0.01	0.7	3
10 A			9.99 A	+1	counts	0.11	-9.1%	0.01	0.7	3

AC A

5500A Output		DUT Autorange	DUT Indication	Stability		Spec?	Pct of Spec	DUT Res.	Spec. %	Spec. digits
0 A	0 Hz (DC)	0.000 A	0 A	+1	counts	0.003	0.0%	0.001	1	3
0.6 A	50 Hz		0.599 A	+1	counts	0.01	-10.0%	0.001	1	3
5 A	50 Hz		5.005 A	-1	counts	0.063	7.9%	0.001	1	3
5 A	400 Hz		5.008 A	-1	counts	0.063	12.7%	0.001	1	3
7 A	50 Hz	00.00 A								
6 A	50 Hz		6 A	<1	counts	0.1	0.0%	0.01	1	3
10 A	50 Hz		10.01 A	<1	counts	0.15	6.7%	0.01	1	3
10 A	400 Hz		10.02 A	<1	counts	0.15	13.3%	0.01	1	3