

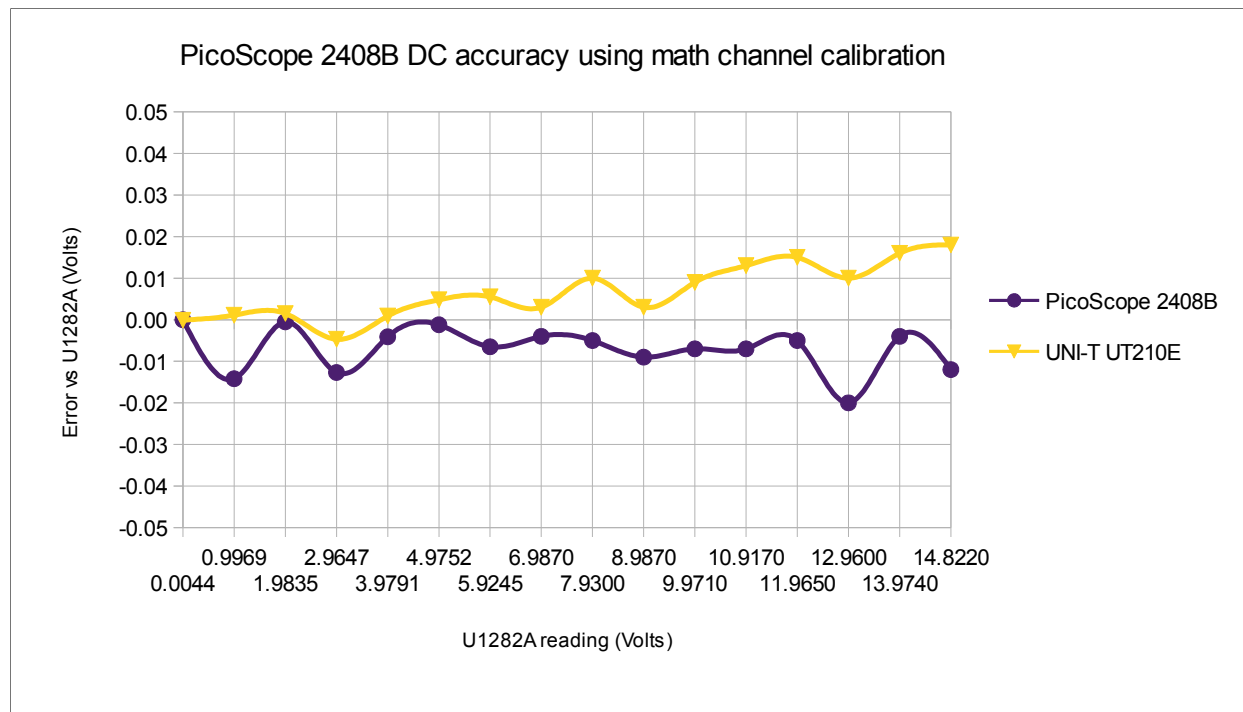
PicoScope 2408B DC accuracy using math channel calibration

Horizontal setting:	100us/div (1GSa/s, 1M samples)
Vertical setting:	+10V, DC offset -5V (2V div)
Other settings:	64x stats averaging on DC Average(Math channel)
Calibration formula example:	$(A+4.984)*1.0056$

Values in volts

Keysight U1282A	PicoScope 2408B	2408B error (V)	UNI-T UT210E	UT210E error (V)
0.0044	0.0044	0.0000	0.0043	-0.0001
0.9969	0.9827	-0.0142	0.9980	0.0011
1.9835	1.9830	-0.0005	1.9850	0.0015
2.9647	2.9520	-0.0127	2.9600	-0.0047
3.9791	3.9750	-0.0041	3.9800	0.0009
4.9752	4.9740	-0.0012	4.9800	0.0048
5.9245	5.9180	-0.0065	5.9300	0.0055
6.9870	6.9830	-0.0040	6.9900	0.0030
7.9300	7.9250	-0.0050	7.9400	0.0100
8.9870	8.9780	-0.0090	8.9900	0.0030
9.9710	9.9640	-0.0070	9.9800	0.0090
10.9170	10.9100	-0.0070	10.9300	0.0130
11.9650	11.9600	-0.0050	11.9800	0.0150
12.9600	12.9400	-0.0200	12.9700	0.0100
13.9740	13.9700	-0.0040	13.9900	0.0160
14.8220	14.8100	-0.0120	14.8400	0.0180

NB! This is purely experimental technique and does not reflect accuracy of single-shot trace or automated reading.



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Date: 03/09/2017