

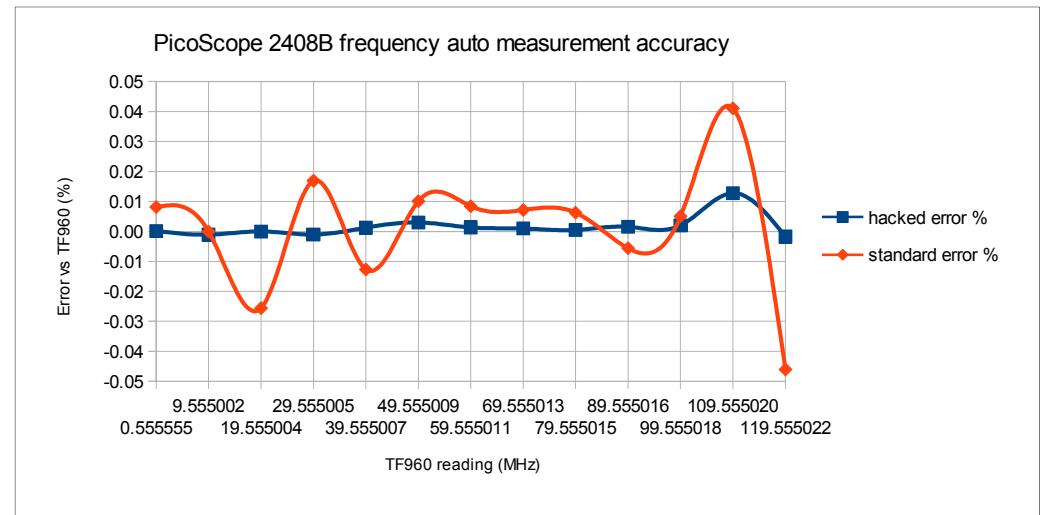
PicoScope 2408B frequency auto measurement accuracy

Horizontal setting:	50ns/div - 1us/div, ETS trigger
Vertical setting:	+200mV (40mV/div)
Other settings:	512x stats averaging on DC Average(Math channel)
Input signal:	sine wave

Frequency values in MHz

Siglent SDG2000X	Aim-TTi TF960	2408B hacked	hacked error %	2408B standard	standard error %	2408B GSa/s	2408B kSa
0.555555	0.555555	0.5555558	0.00014	0.5556	0.00810	1.0	15
9.555000	9.555002	9.5549000	-0.00107	9.5550	-0.00002	2.5	15
19.555000	19.555004	19.5550000	-0.00002	19.5500	-0.02559	8.0	16
29.555000	29.555005	29.5547000	-0.00103	29.5600	0.01690	8.0	16
39.555000	39.555007	39.5555000	0.00125	39.5500	-0.01266	8.0	16
49.555000	49.555009	49.5565000	0.00301	49.5600	0.01007	8.0	16
59.555000	59.555011	59.5558000	0.00132	59.5600	0.00838	16.0	16
69.555000	69.555013	69.5557000	0.00099	69.5600	0.00717	16.0	16
79.555000	79.555015	79.5554000	0.00048	79.5600	0.00627	16.0	16
89.555000	89.555016	89.5564000	0.00155	89.5500	-0.00560	16.0	16
99.555000	99.555018	99.5570000	0.00199	99.5600	0.00500	20.0	10
109.555000	109.555020	109.5690000	0.01276	109.6000	0.04106	20.0	10
119.555000	119.555022	119.5530000	-0.00169	119.5000	-0.04602	20.0	10

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



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