

## PicoScope 2408B vertical integrity testing

Signal generator	Siglent SDG2000X
Signal	sine wave, 100MHz
Scope horiz. setting	50ns/div
Comments	Generator amplitude drop at 100MHz is ~-0.5dB + drop due to scope analog bw limits
Tester	info@lab.fyi

PicoScope® 6 - PC Oscilloscope software version: 6.12.7.2687  
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Model: PicoScope 2408B  
Serial Number:  
USB Version: 2.0  
Calibration Date: 1. juuli 2016. a.  
Hardware Version: 1  
Driver Version: 1.3.0.10  
Firmware Version: 1.3.3.0 / 1.0.51.0

All values in mV

Vertical range	Signal	20GSa/s Sinc=OFF	1GSa/s Sinc=ON	1GSa/s Sinc=OFF	0.5GSa/s Sinc=ON	0.5GSa/s Sinc=OFF	0.25GSa/s Sinc=ON	0.25GSa/s Sinc=OFF
4,000	4,500.0	3,512.0	3,385.0	3,333.0	3,470.0	3,314.0	3,442.0	3,444.0
2,000	2,250.0	1,783.0	1,729.0	1,707.0	1,765.0	1,685.0	1,758.0	1,762.0
1,000	1,125.0	894.8	870.1	857.2	884.6	844.4	884.7	884.1
400	450.0	349.0	349.1	343.8	358.3	340.7	355.5	355.3
200	225.0	181.2	175.3	172.8	179.0	170.7	178.5	178.3
100	112.5	91.0	88.3	87.1	89.9	85.8	89.7	89.8
40	45.0	37.4	36.3	35.8	36.8	35.2	36.7	36.8

