SDS6000A Typical Noise Floor

June 24, 2022

Here are the typically expected noise floor numbers for the SDS6000A Oscilloscope:

Vertical Scale	Noise Floor (rms@50 ohms)
0.5 mV/div	135 uV
1 mV/div	135 uV
2 mV/div	136 uV
5 mV/div	200 uV
10 mV/div	325 uV
20 mV/div	490 uV
50 mV/div	1.10 mV
100 mV/div	2.01 mV
200 mV/div	5.10 mV
500 mV/div	11.60 mV
1 V/div	20.95 mV

Note: Uses StdDev measurement @ 5 GSa/s, 10 MPts/ch

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