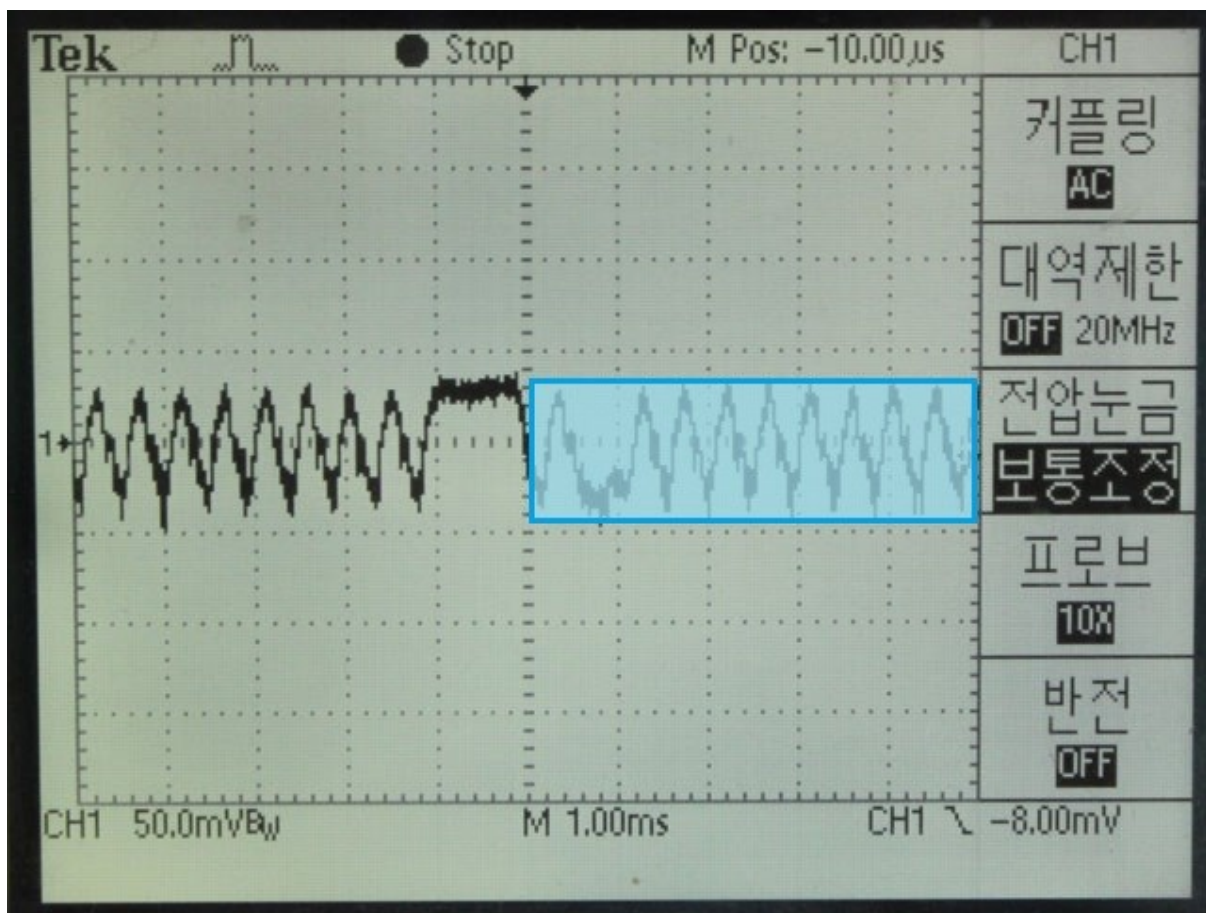


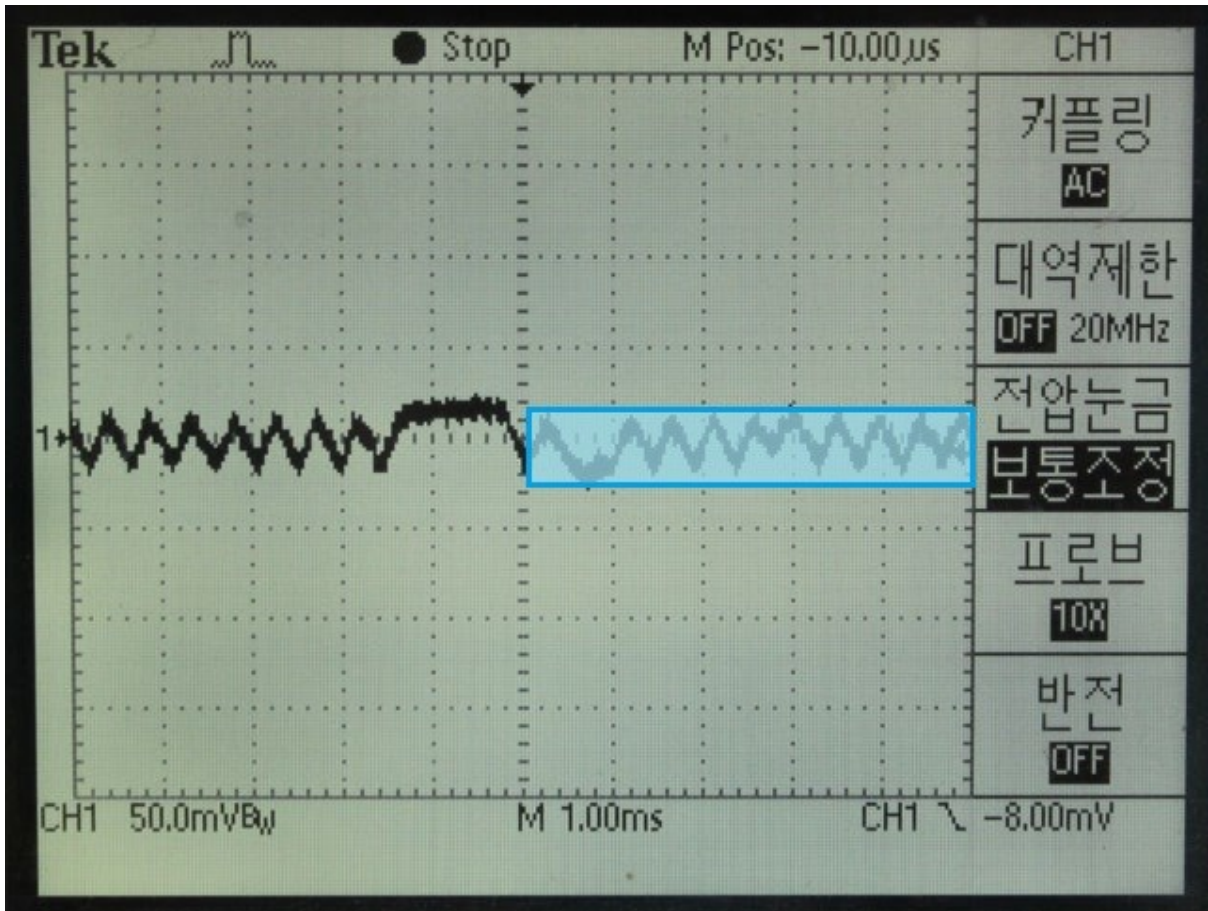
SSD Measurements

Here are some graphs showing the system noise floor with and without a SOTM SATA filter installed in a typical computer based music server. The test is based on a Samsung 840 EVO SSD and INTEL DN2800 motherboard.

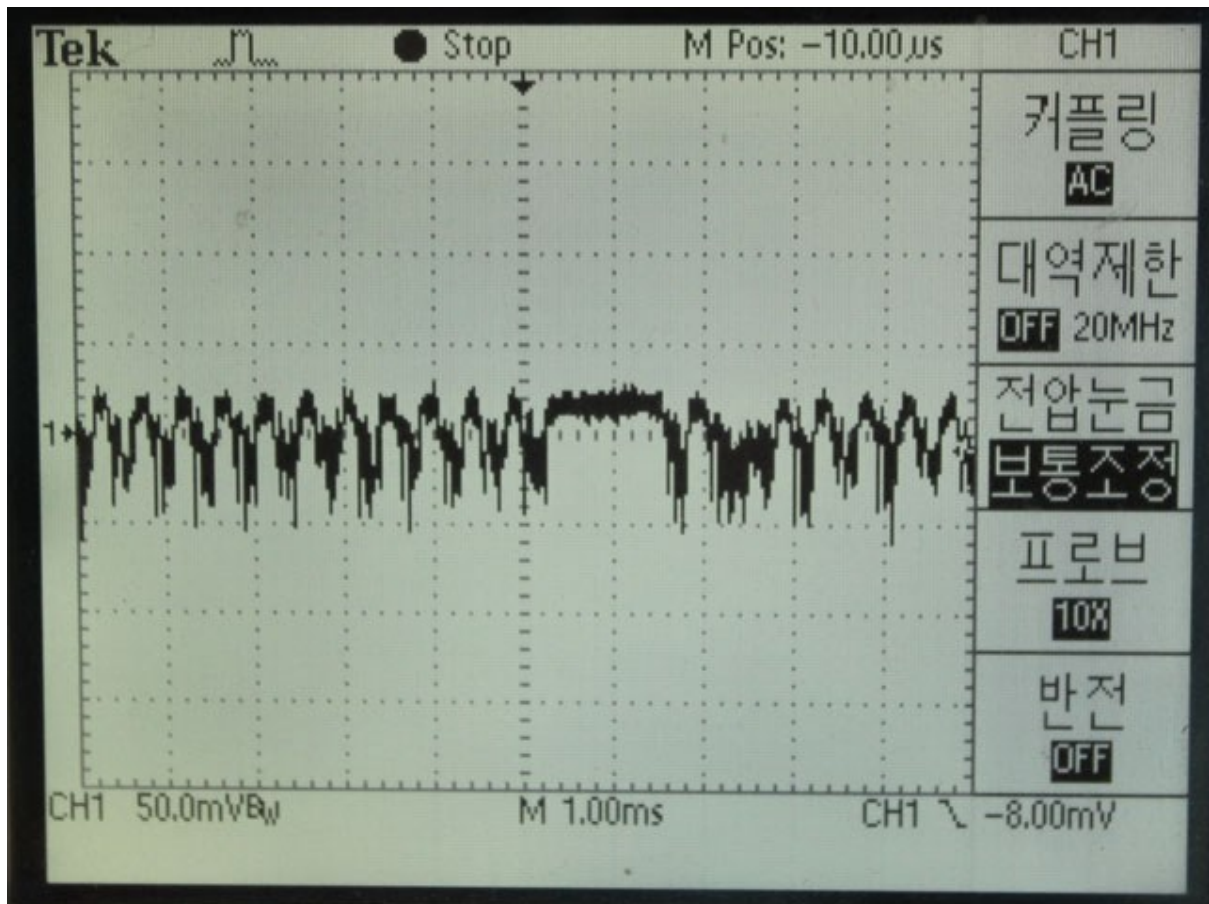
With SATA filter – measured +5V at SSD side - you can see the noise waveform occurs repeatedly. The peak noise voltage is around 80mV.



With SATA filter – measured +5V at power supply side - you can see the same noise waveform with the SSD, but now the noise voltage has decreased about half.



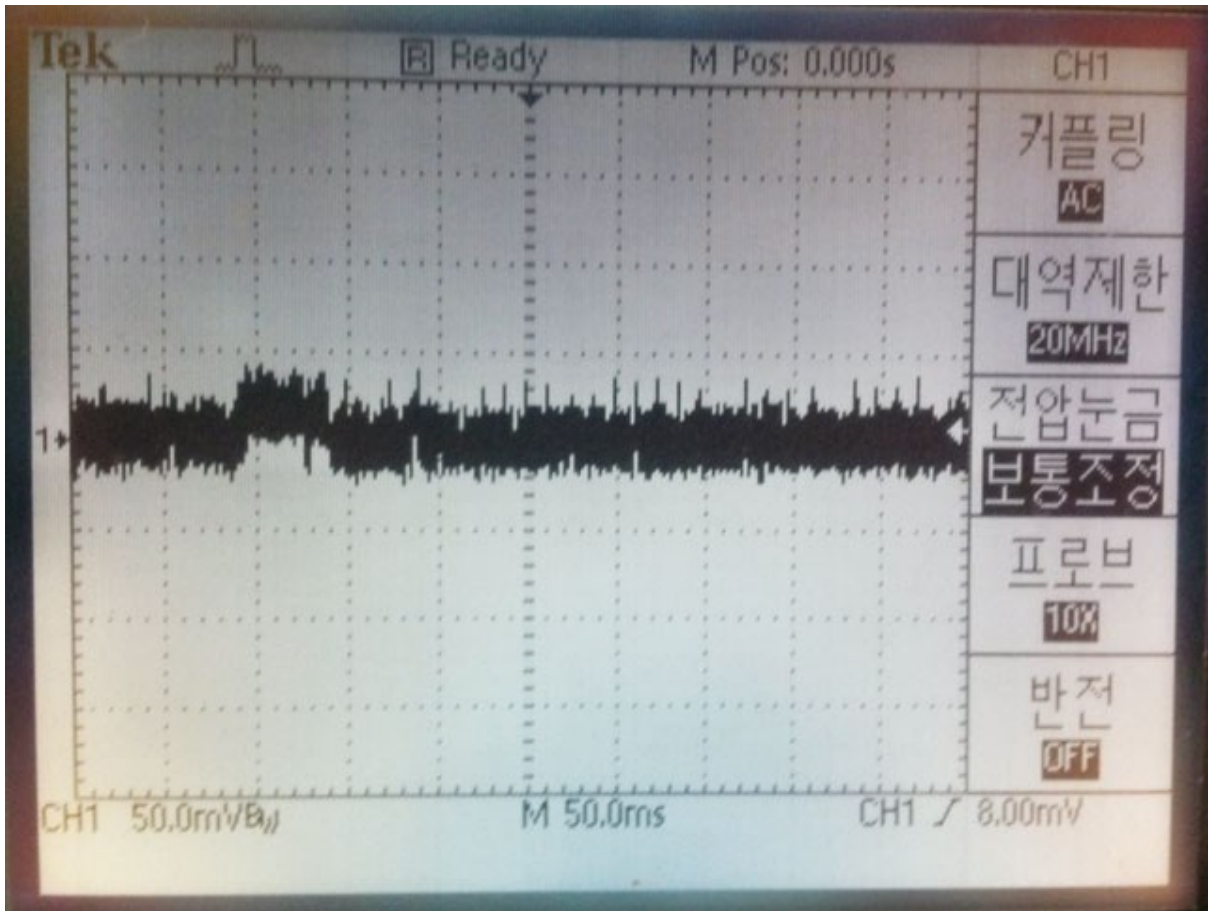
Without SATA filter - measured at +5V - you can see the noise waveform with the SSD, but this wave is worse than the measurement taken on the power supply side with the SATA filter installed. This is because the noise from the power supply is not being absorbed by a SATA filter.



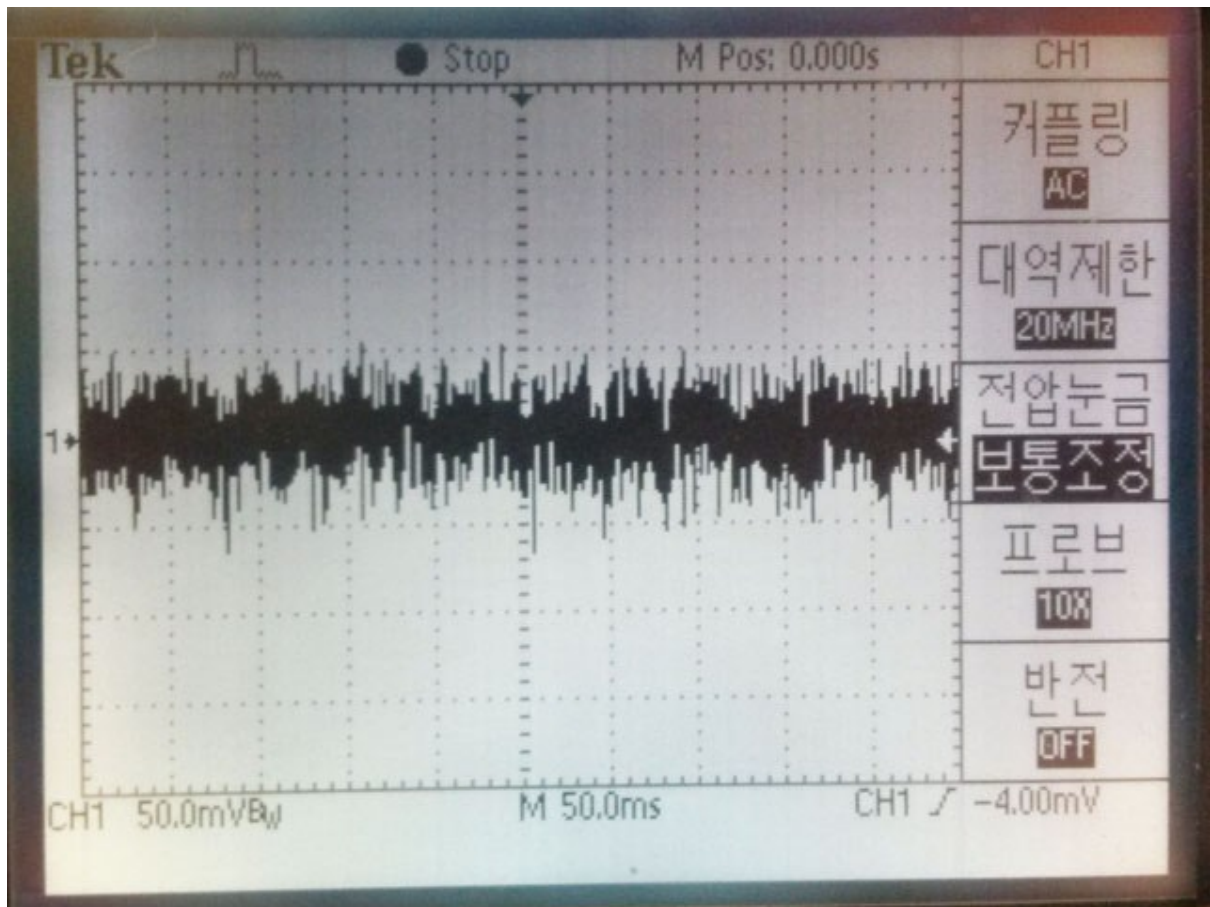
HDD Measurements

Here are some graphs showing the system noise floor with and without a SOTM SATA filter installed in a typical computer based music server. The test is based on a Western Digital WD10EADS HDD. The motherboard model was not provided.

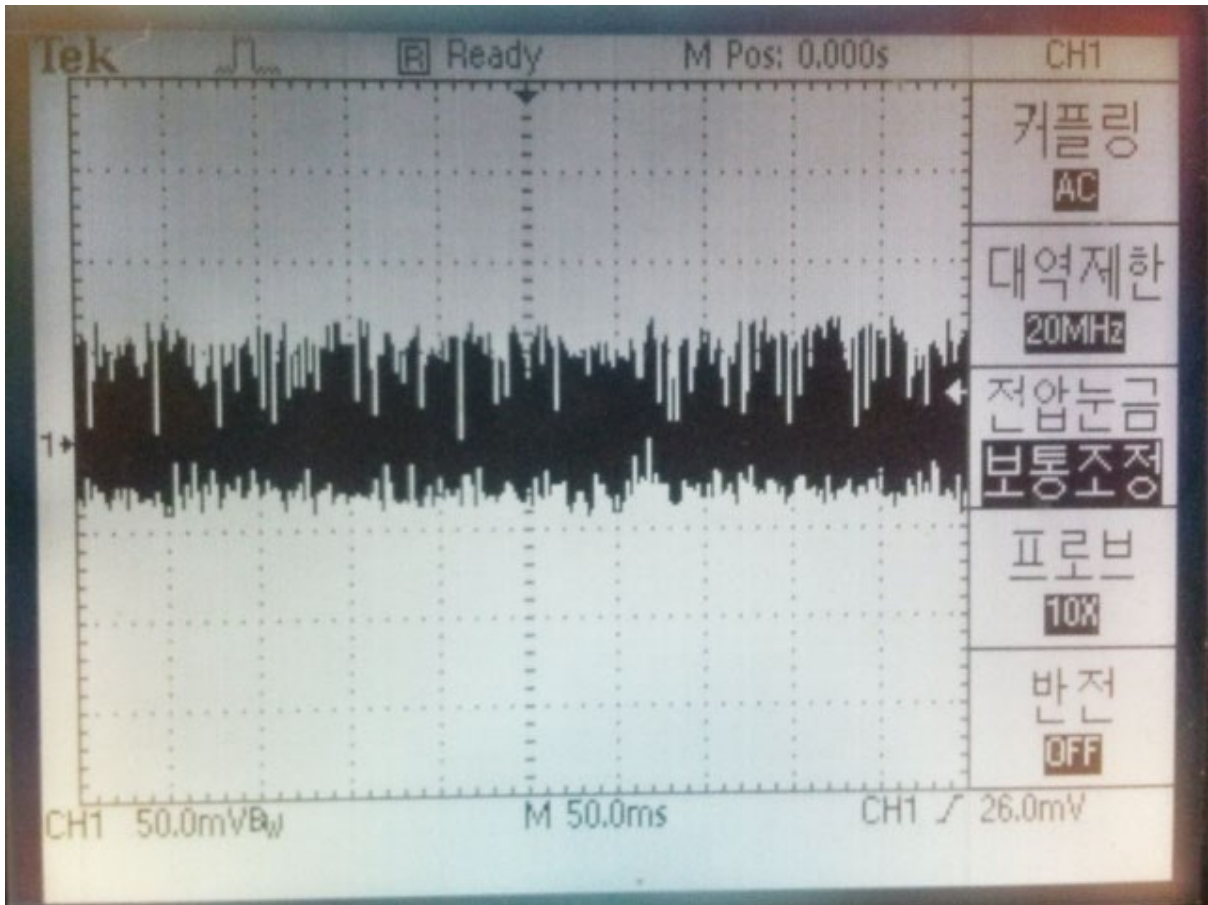
With SATA filter - measured +5V noise at power supply side.



Without SATA filter - measured at +5V.



With SATA filter - measured +12V noise at power supply side.



Without SATA filter - measured at +12V.

