

Image 1. 5V FFT

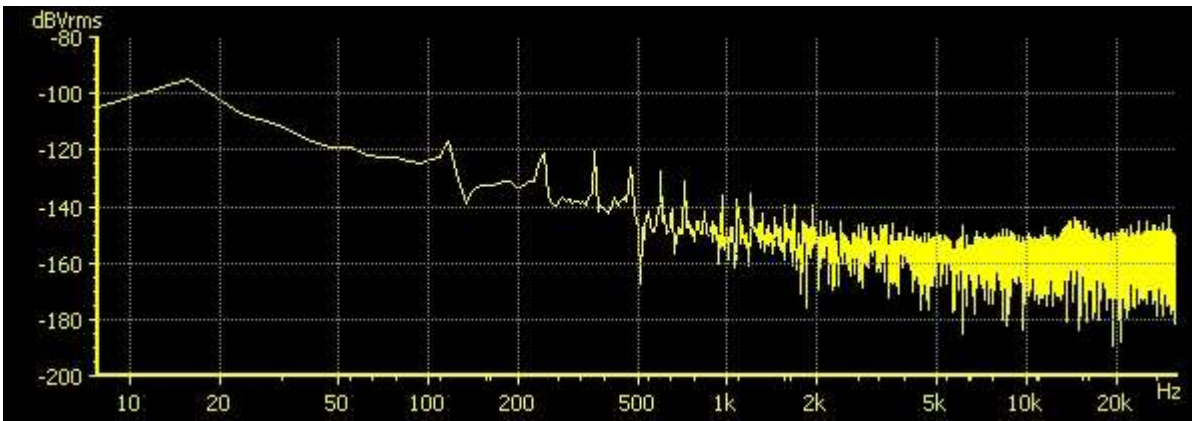


Image 2. 9V FFT

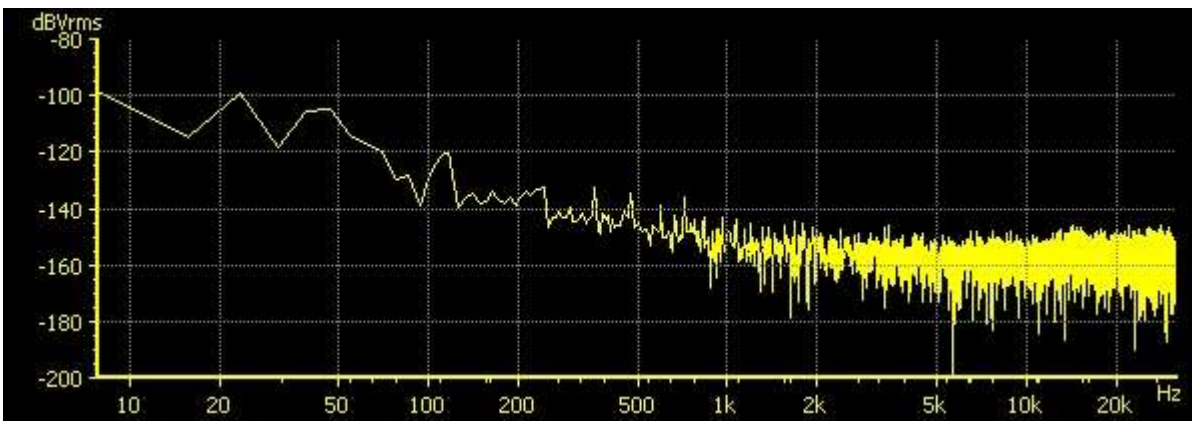


Image 3. 18V FFT

그래프는 sPS-1000의 출력 DC전압에 포함된 오디오 대역의 노이즈를 SR1 Audio analyzer를 이용하여 측정한 것입니다.

1KHz이하에서 저역으로 갈수록 노이즈가 서서히 증가하는 것은 AC전원 60Hz(또는 50Hz)에 기인하는 노이즈이지만, 이 역시 100dB~120dB를 넘어서는 낮은 값입니다. 참고, 120dBV는 0.000001V, 즉 1uV 입니다.

The above graphs were measured by SR1 Audio analyzer, it is about the audio band noise of sPS-1000 DC voltage output.

You can check the noise gradually were increasing under 1KHz to the low band, it is about the noise of 60Hz(or 50Hz) in AC power, but still the value(100dB~120dB) is very low. FYI, 120dBV is 0.000001V, or 1uV.