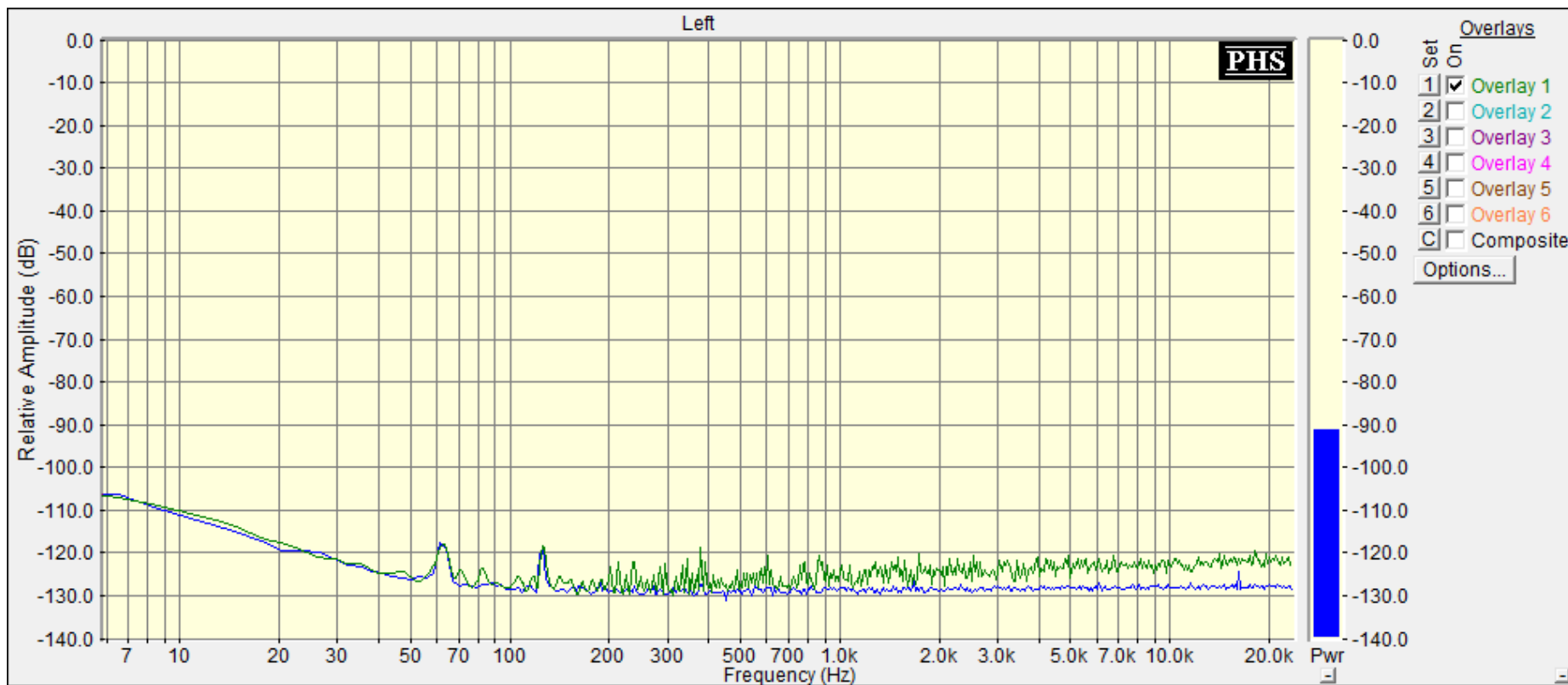
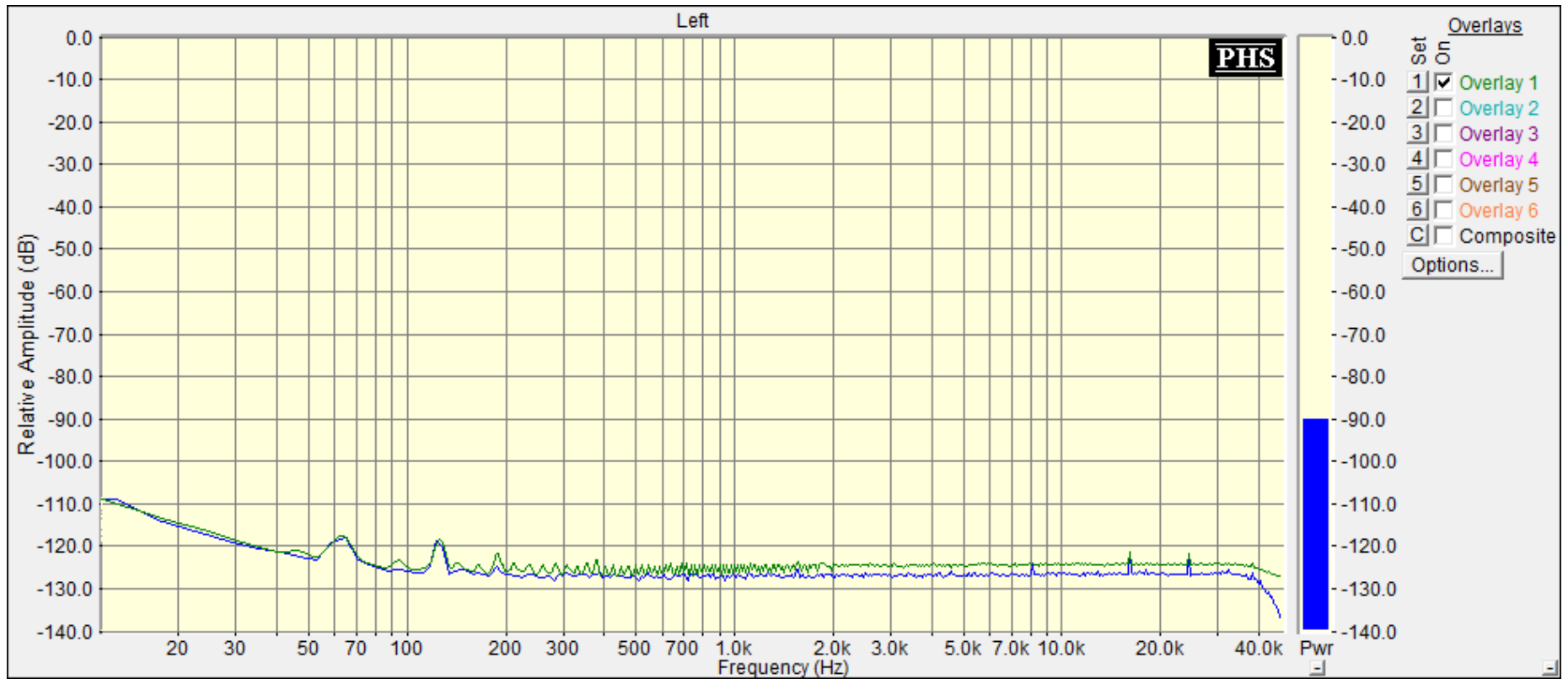


Roland Quad Capture

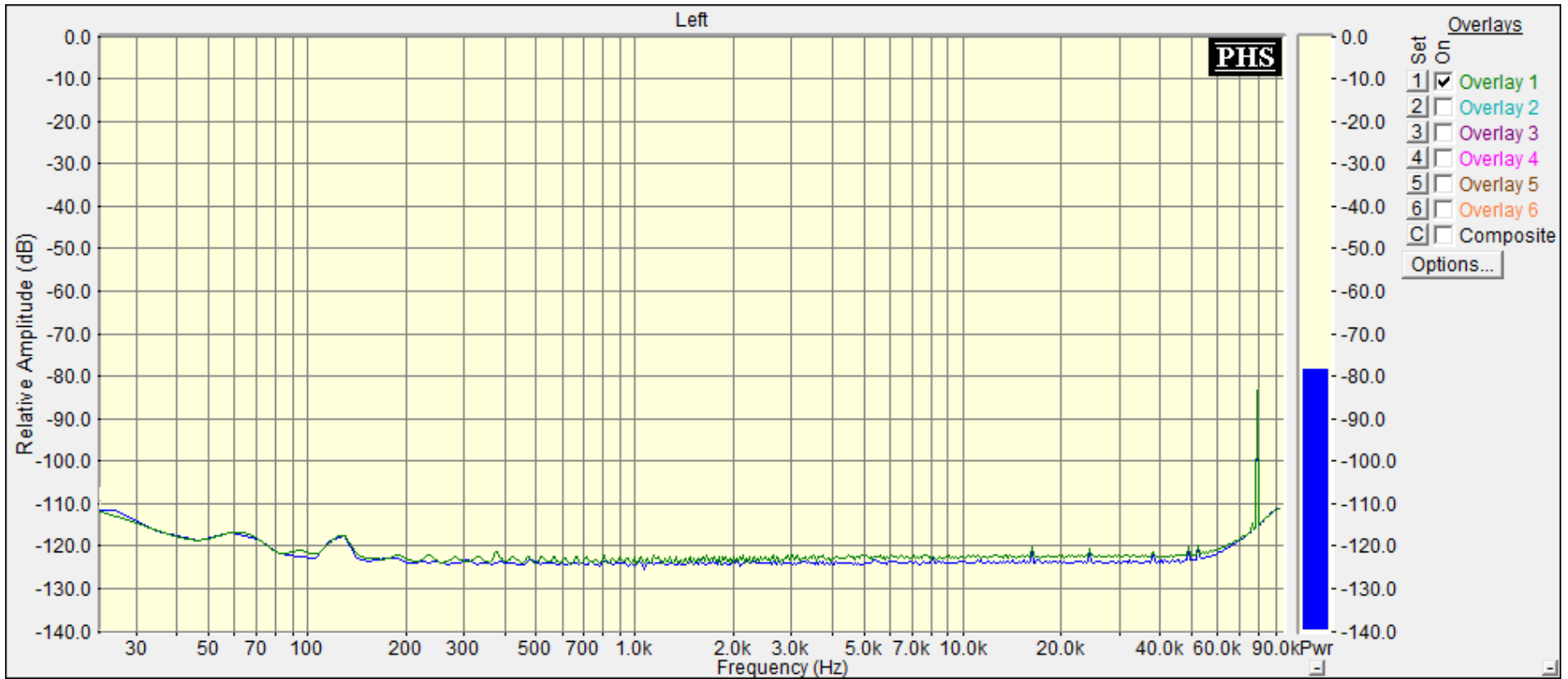
This plot shows the noise floor with no signal connected. A sampling rate of 48 kHz and a 16384 pt FFT size was used. The blue trace is with 24 bit, the green trace is with 16 bit.



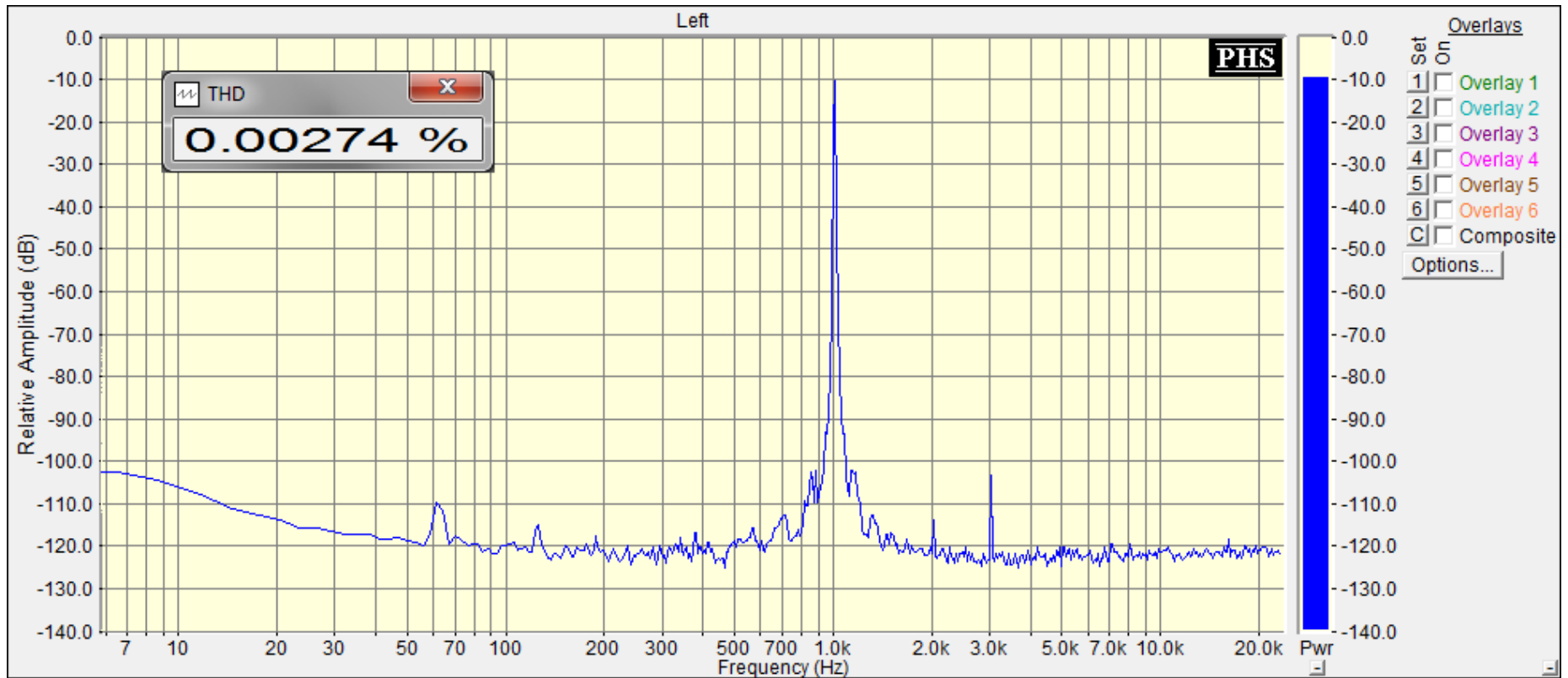
The plot below is the same as above but with a sampling rate of 96 kHz.



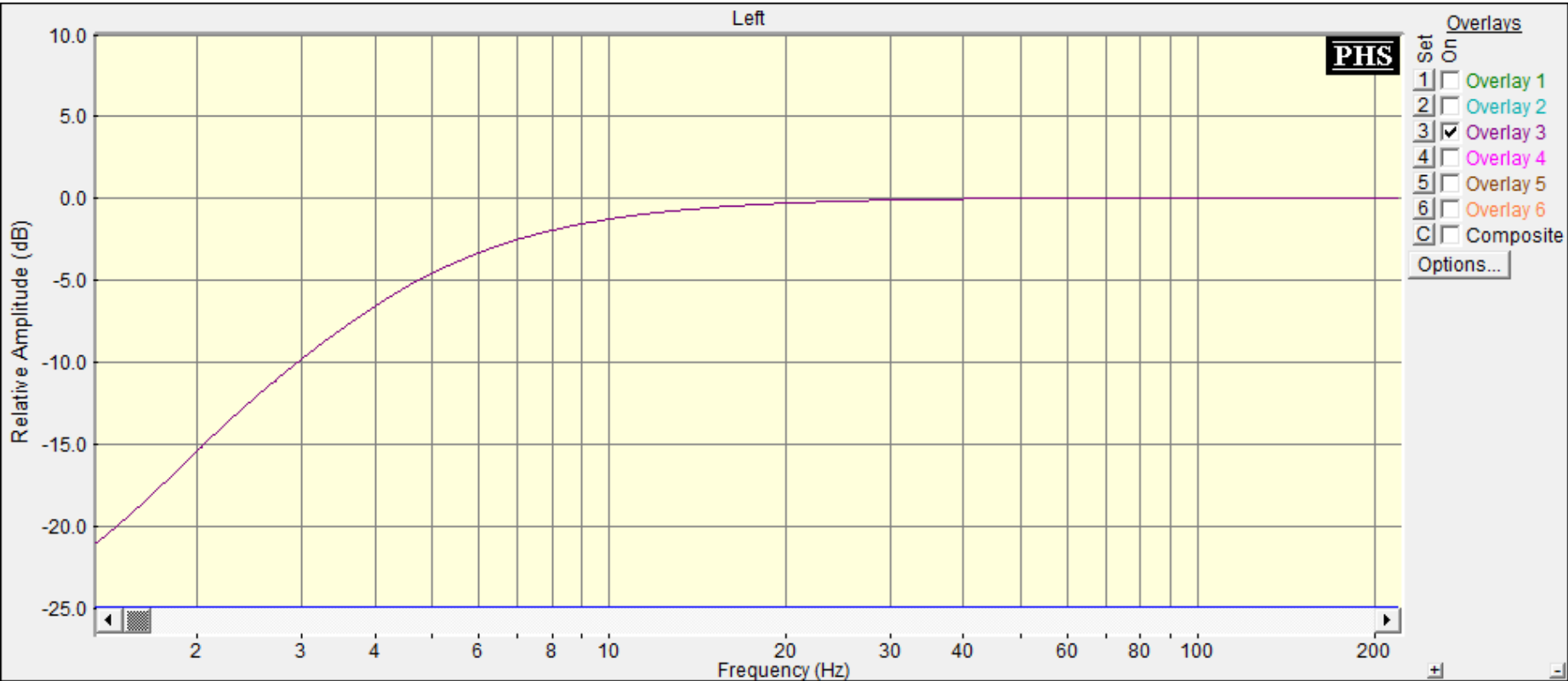
The plot below is with a sampling rate of 192 kHz. The spur is at 78.2 kHz (-86 dB).

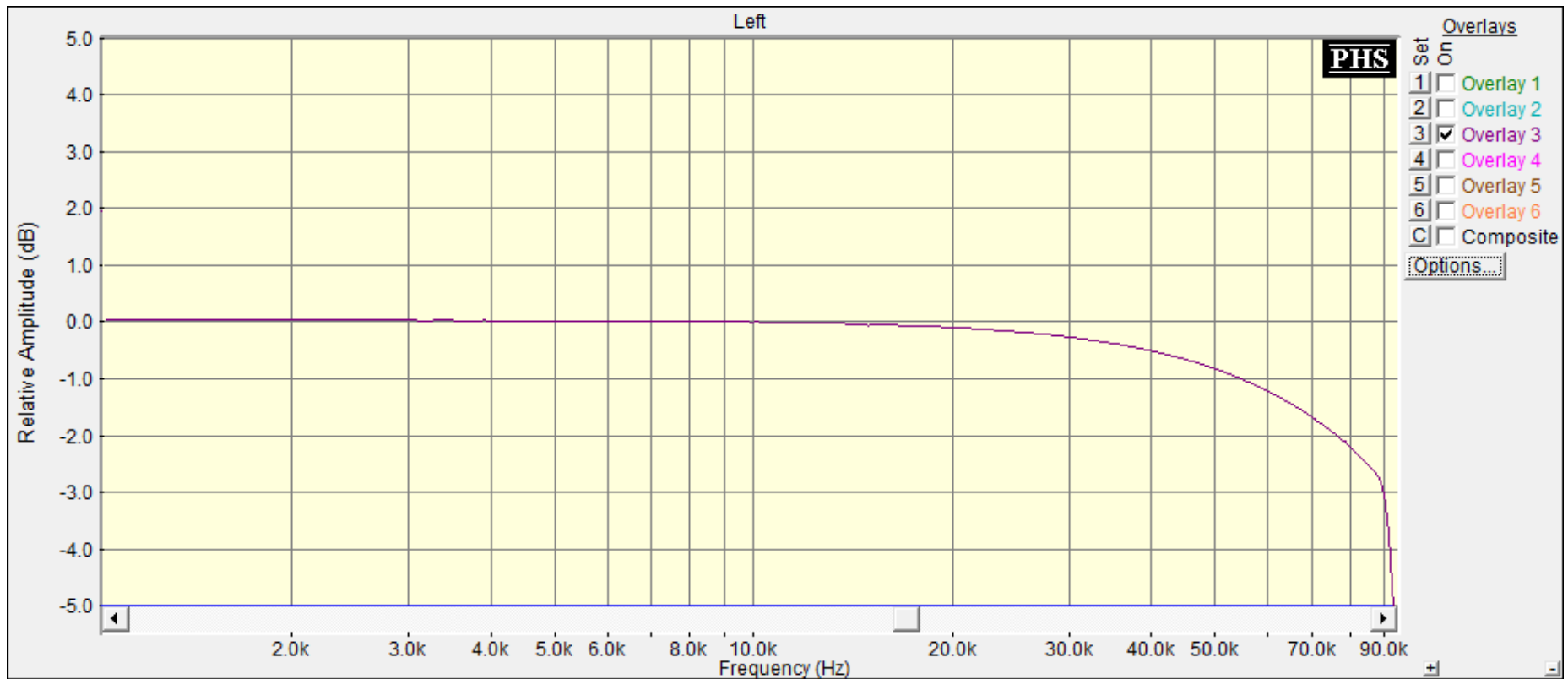


This plot shows the THD and SNR at 24 bit/48 kHz. This was a full loopback self test using the signal generator utility from SpectraPLUS.



The next two plots show the frequency response.





Operational Notes:

- ◆ Select 1-2 (QUAD CAPTURE) in the <Options><Device> dialog box of SpectraPLUS for both input and output.
- ◆ Use the Quad Capture control panel to set the sampling rate equal or greater than the sampling rate you are using with SpectraPLUS.
- ◆ To open the Quad Capture control panel click on Control Panel – Quad Capture
- ◆ The Quad Capture sampling rate is set by a drop down list box on the bottom of the control panel. Set it to 196K for best results.