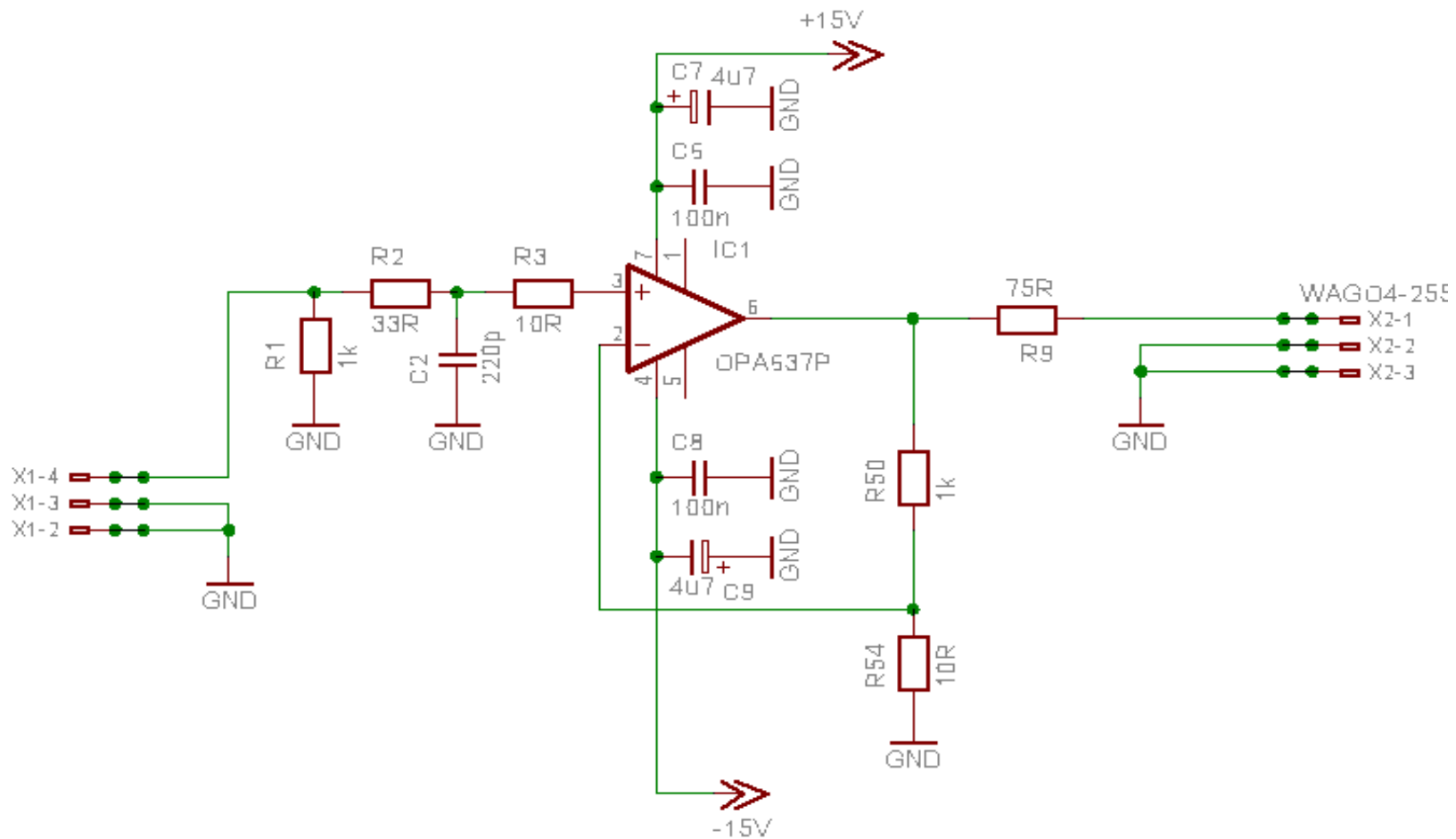


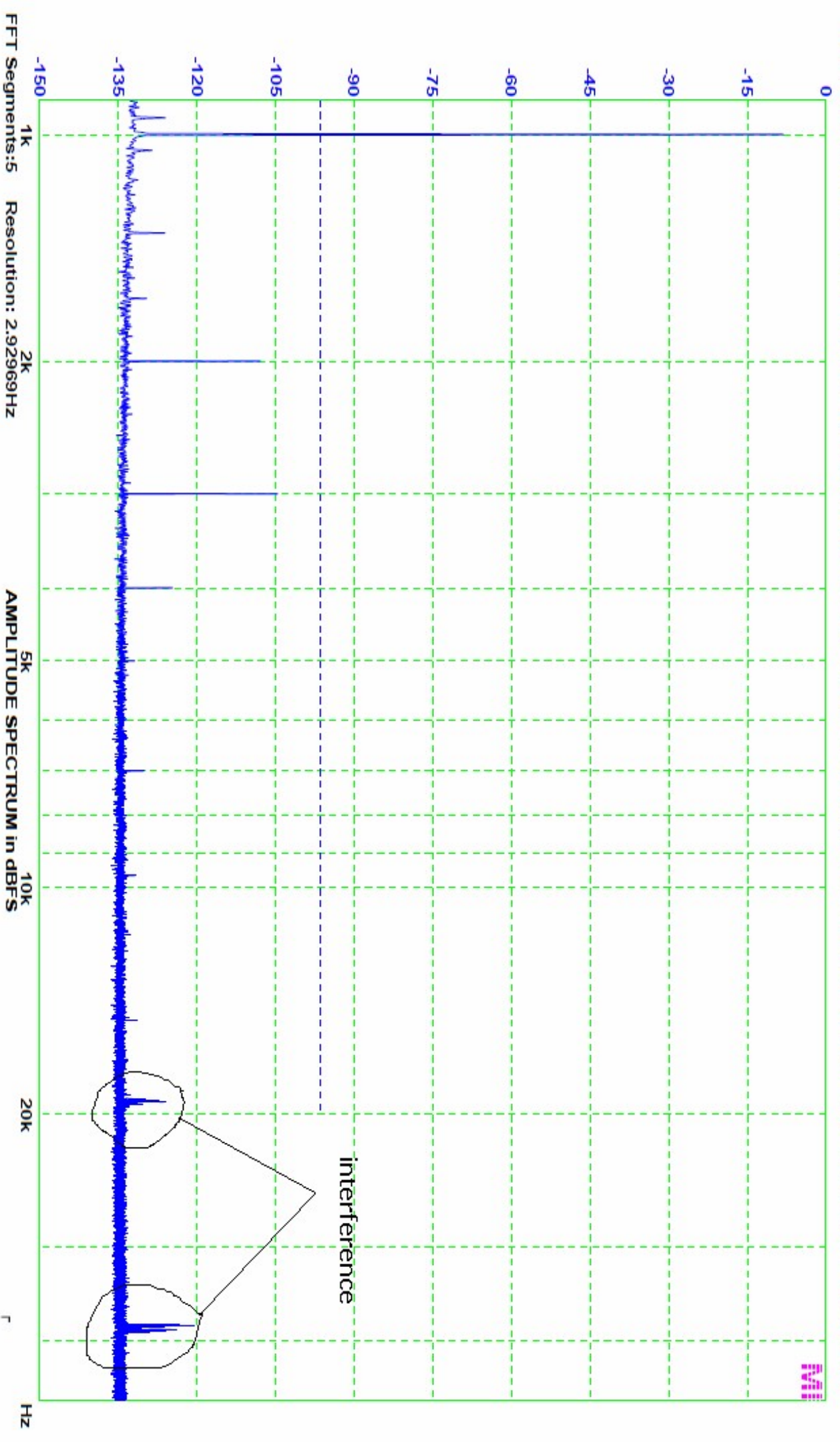
Measurements of opamps

Technology	Type	THD [%]	THD+N[%]	Type	SINAD [dB]	SNR [dB]
Bipolar	AD797	0.0020	0.0044	AD797	87.2	87.3
JFET	AD825	0.0049	0.0205	AD825	73.8	74.0
Bipolar CFA	AD844	0.0027	0.0072	AD844	82.9	83.5
Bipolar	OP27	0.0074	0.0087	OP27	81.2	86.6
JFET	OPA134	0.0033	0.0091	OPA134	80.8	81.4
JFET	OPA627	0.0023	0.0062	OPA627	84.1	84.7
Bipolar	uA748	0.0164	0.0268	uA748	71.4	73.5

Measurements of opamps



A(dBFS) A: Peak Frequency=999.1 Hz THD=0.0020 % (-94.0 dB) THD+N=0.0044 % (-87.2 dB) SINAD=87.2 dB SNR=88.3 dB NL=-96.39 dBFS

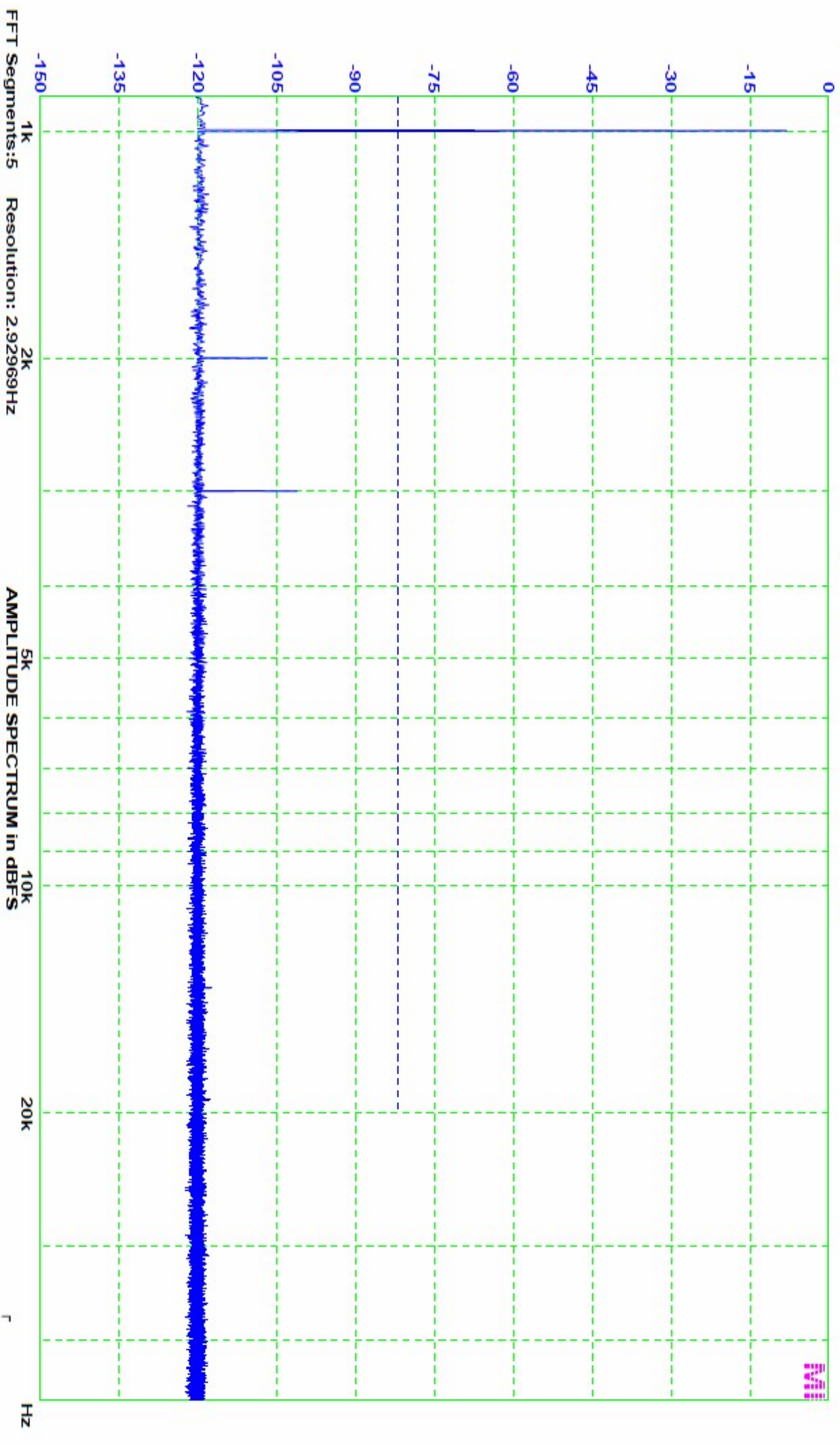


measured on PCB without shielding box

AD797 gain = +101 (40dB)

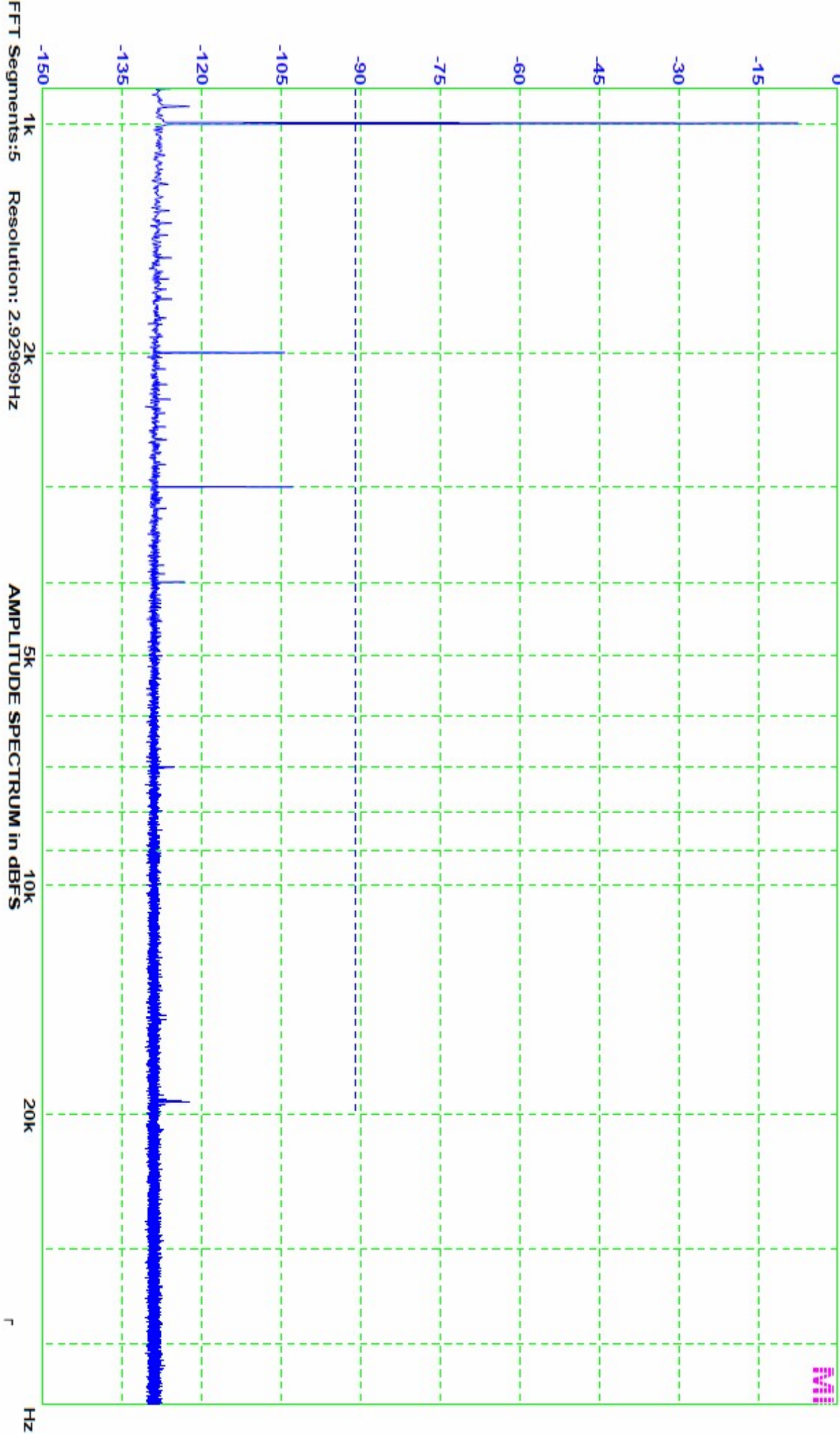
Rfeedback = 1kohm
R(-IN/GND) = 10 ohm

A(dBFS) A: Peak Frequency=999.1 Hz THD=0.0049 % (-86.2 dB) THD+N=0.0205 % (-73.8 dB) SINAD=73.8 dB SNR=74.0 dB NL=-81.99 dBFS



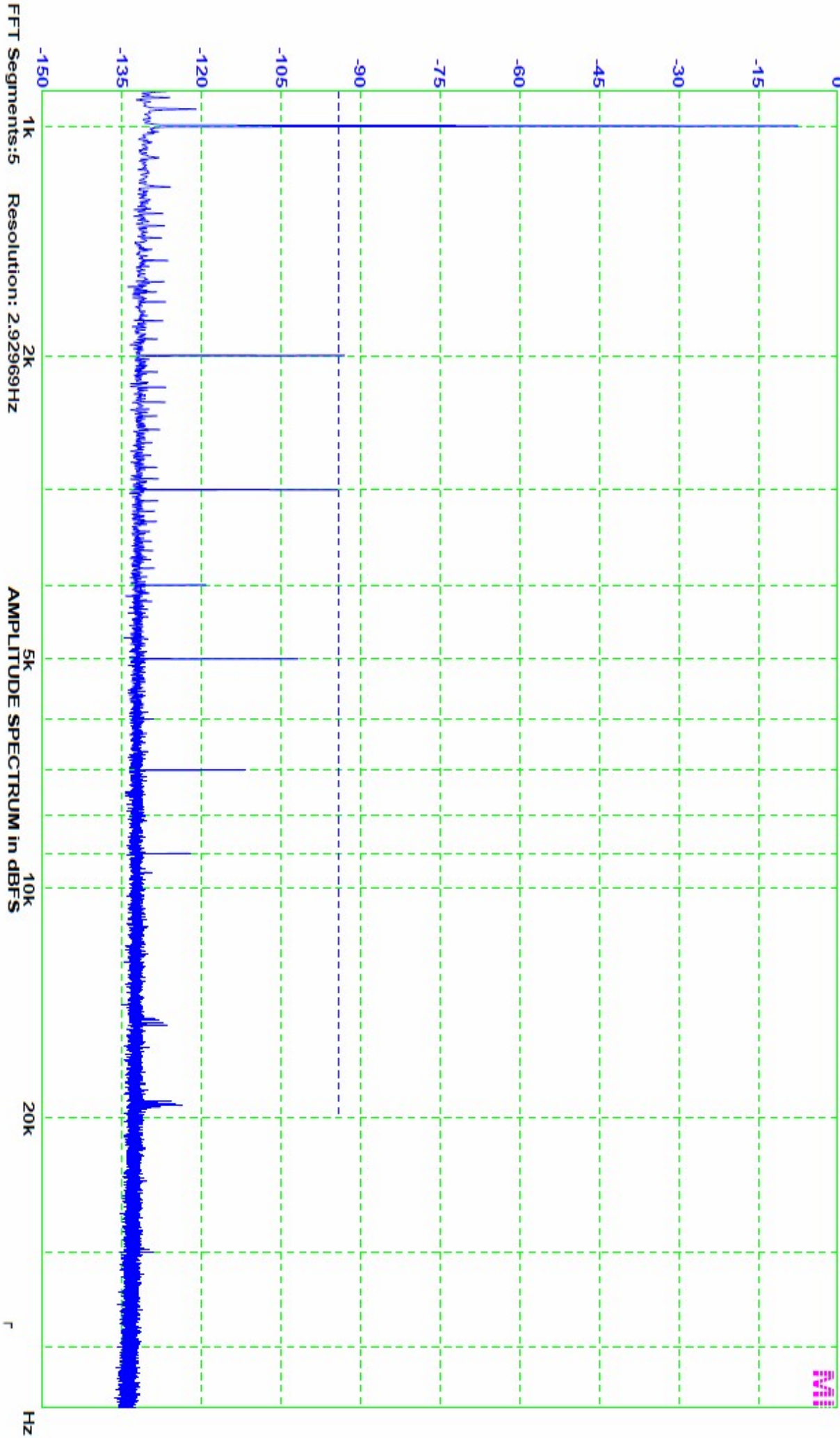
AD825 gain = +101 (40dB)

A(dBFS) A: Peak Frequency=999.1 Hz THD=0.0027 % (-91.5 dB) THD+N=0.0072 % (-82.9 dB) SINAD=82.9 dB SNR=83.5 dB NL=-90.94 dBFS



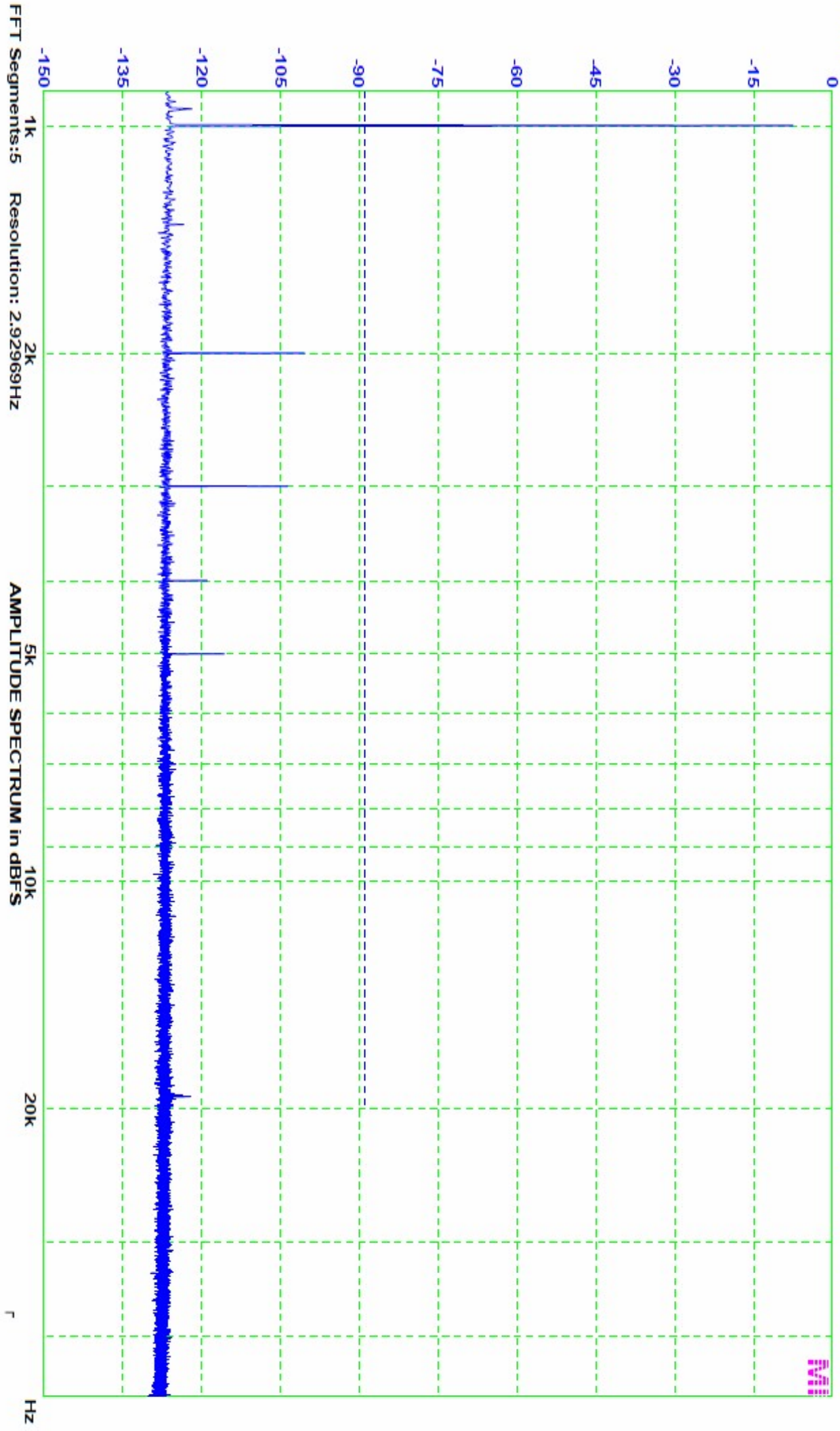
AD844 gain = +101 (40dB)

A(dBFS): Peak Frequency=999.1 Hz THD=0.0074 % (-82.7 dB) THD+N=0.0087 % (-81.2 dB) SINAD=81.2 dB SNR=86.6 dB NL=-94.06 dBFS



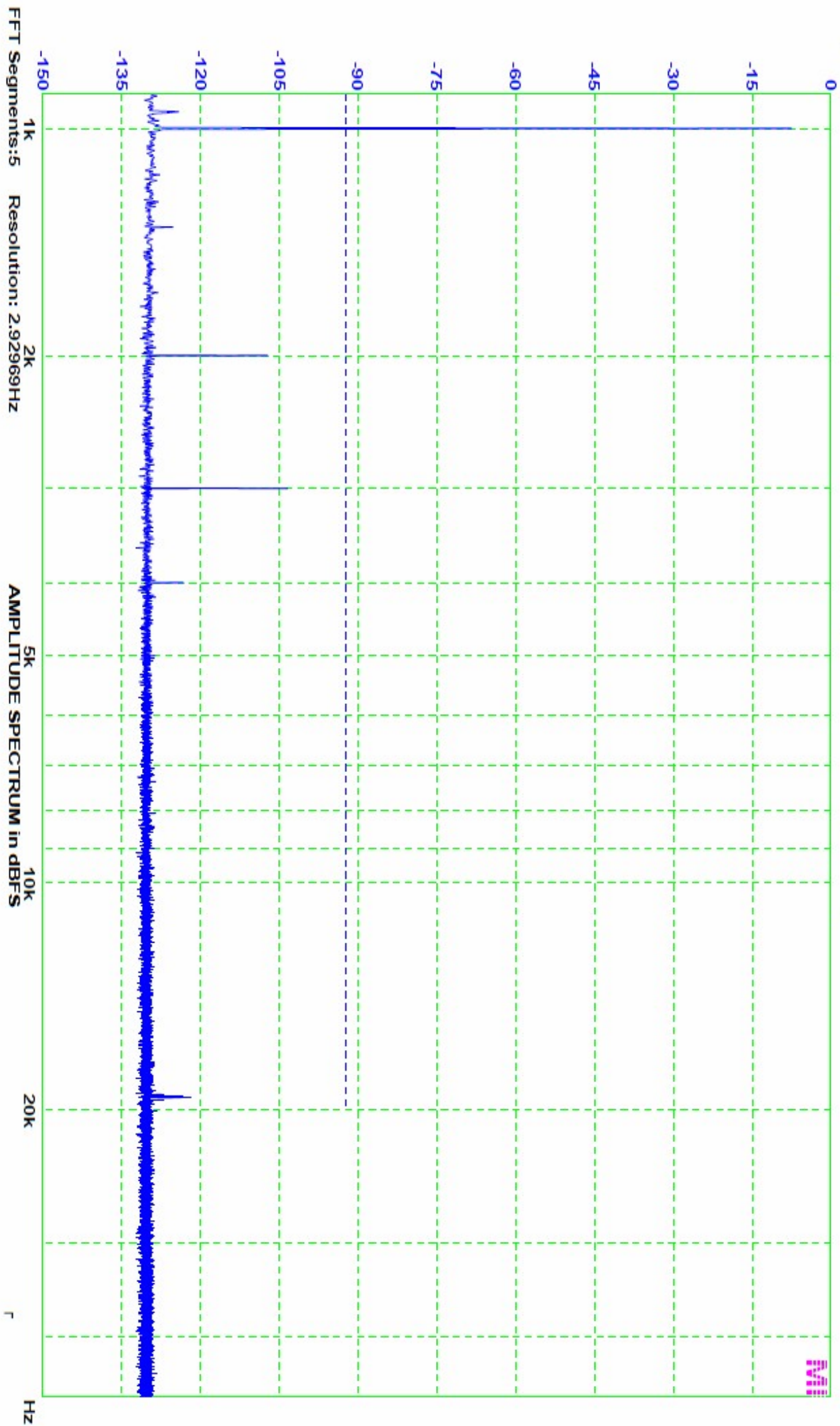
OP27 gain = +101 (40dB)

A(dBFS) A: Peak Frequency=999.1 Hz THD=0.0033 % (-89.6 dB) THD+N=0.0091 % (-80.8 dB) SINAD=80.8 dB SNR=81.4 dB NL=-88.87 dBFS



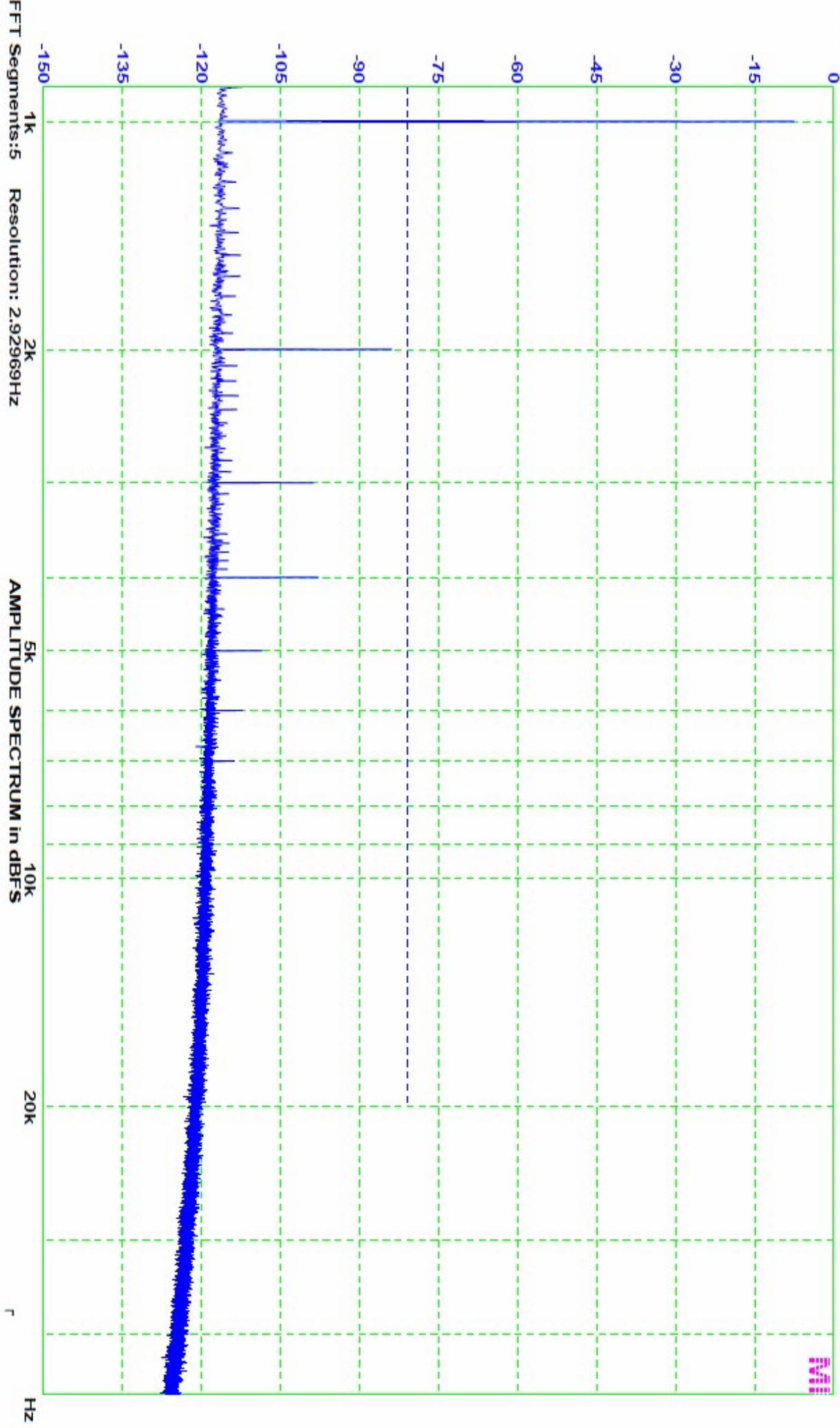
OPA134 gain = +101 (40dB)

A(dBFS) A: Peak Frequency=999.1 Hz THD=0.0023 % (-92.9 dB) THD+N=0.0062 % (-84.1 dB) SINAD=84.1 dB SNR=84.7 dB NL=-92.18 dBFS



OPA637 gain = +101 (40dB)

A(dBFS) A: Peak Frequency=999.1 Hz THD=0.0164 % (-75.7 dB) THD+N=0.0268 % (-71.4 dB) SINAD=71.4 dB SNR=73.5 dB NL=-80.95 dBFS



uA748 gain + 101 (40dB) 10pF Ccomp