

Measurements of opamps

Technology	Type	CCIF2 [%]				
Bipolar	AD797	0.0005				
Bipolar CFA	AD844	0.0007				
Bipolar	OP27	0.0074				
JFET	OPA134	0.0016				
JFET	OPA637	0.0008				
Bipolar	uA748	0.0692	Ccomp = 10pF			

CCIF2 19+20kHz measurement

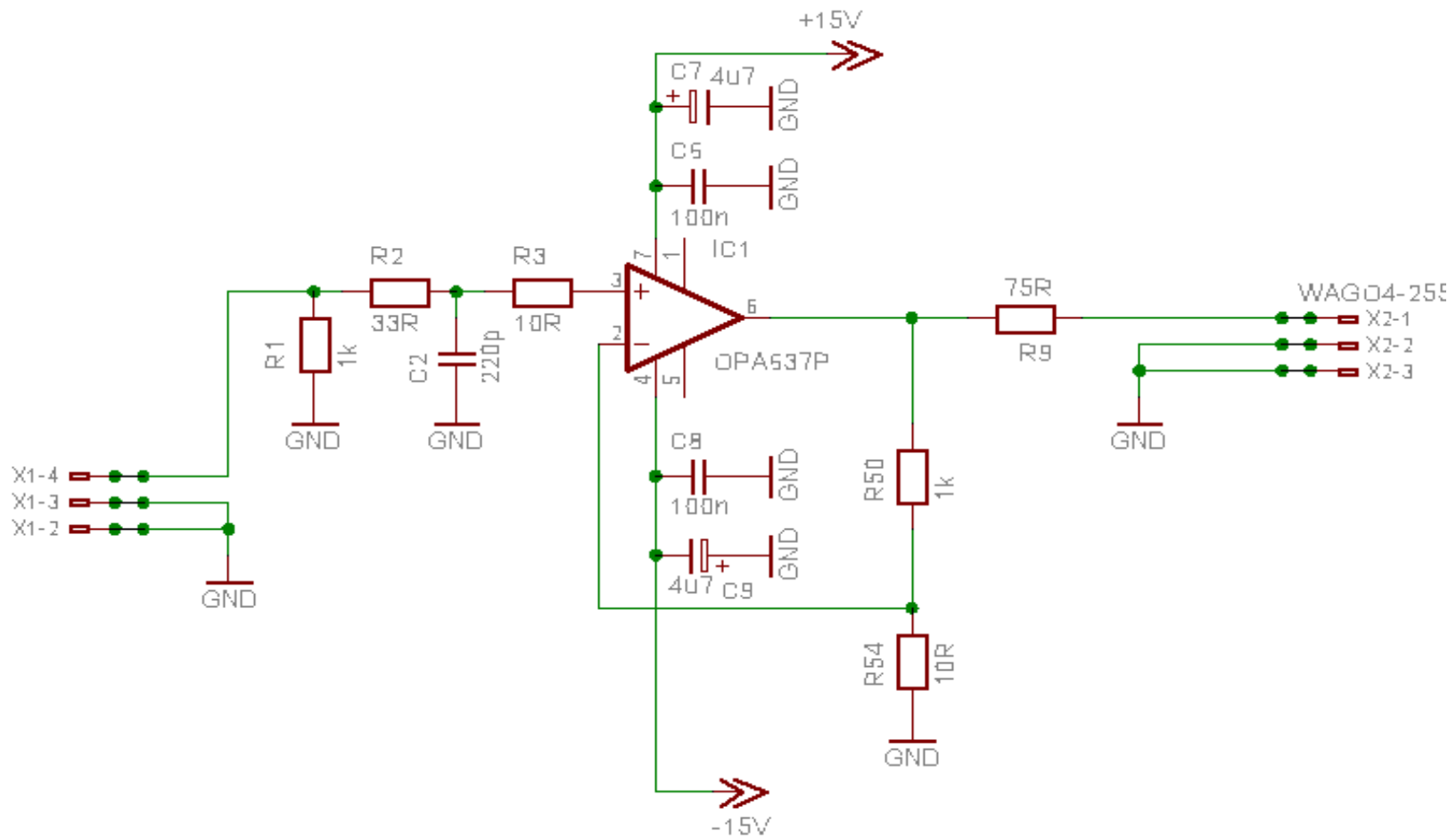
only 2nd harmonic product (difference tone) is calculated

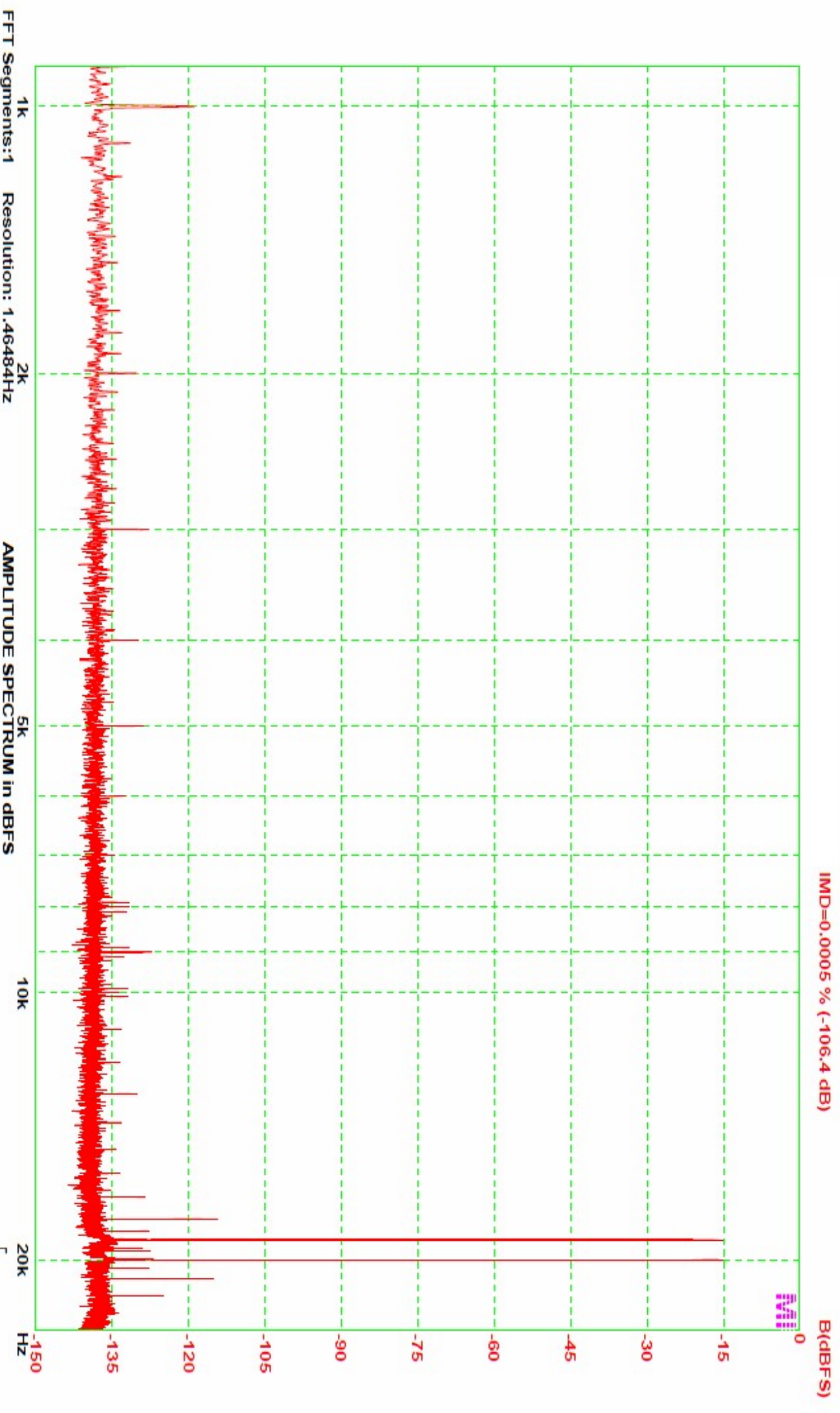
output voltage swing was 2.9Vp-p

output loaded with 1kohm + 10 ohm feedback network

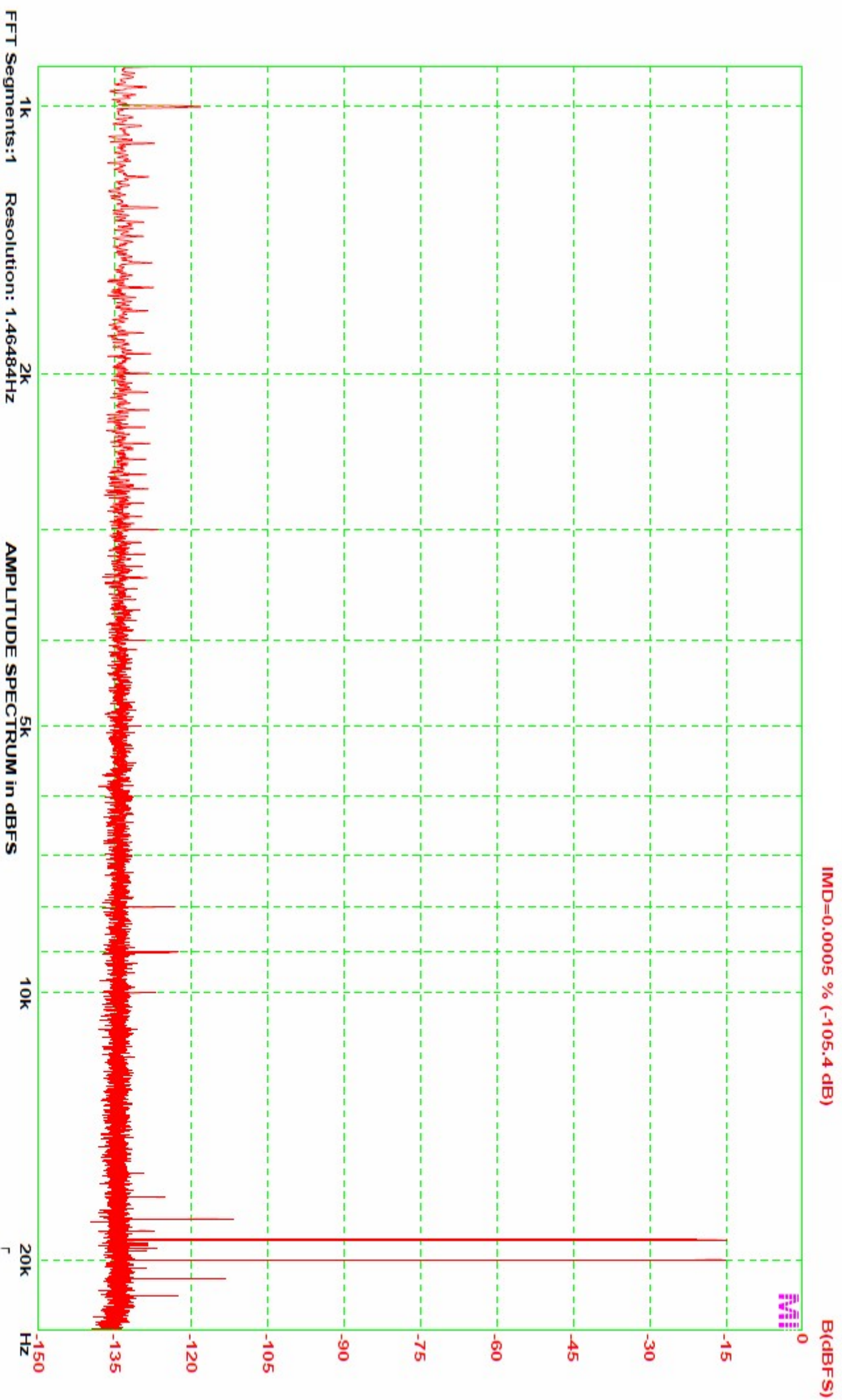
Gain = +101 (40dB)

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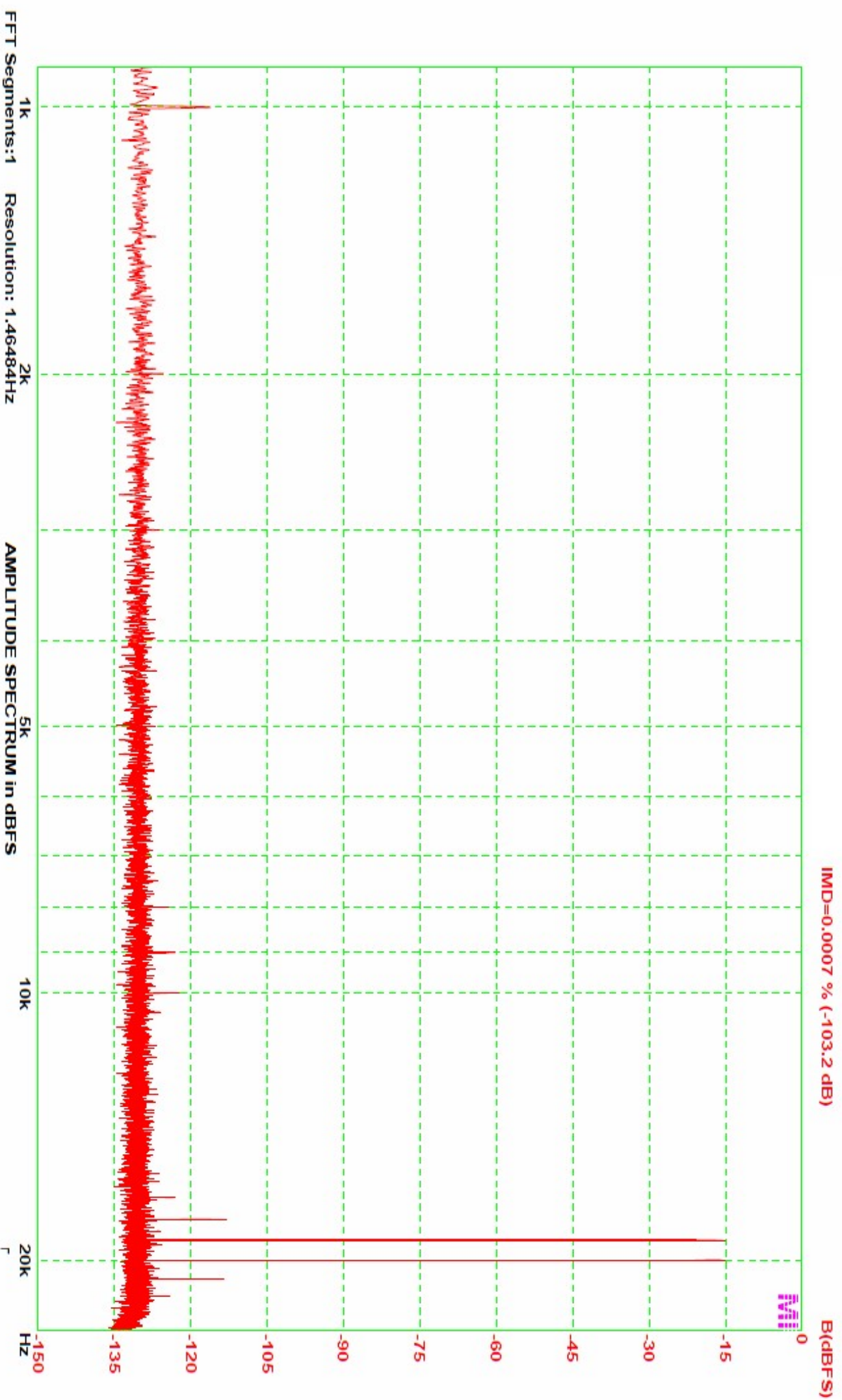




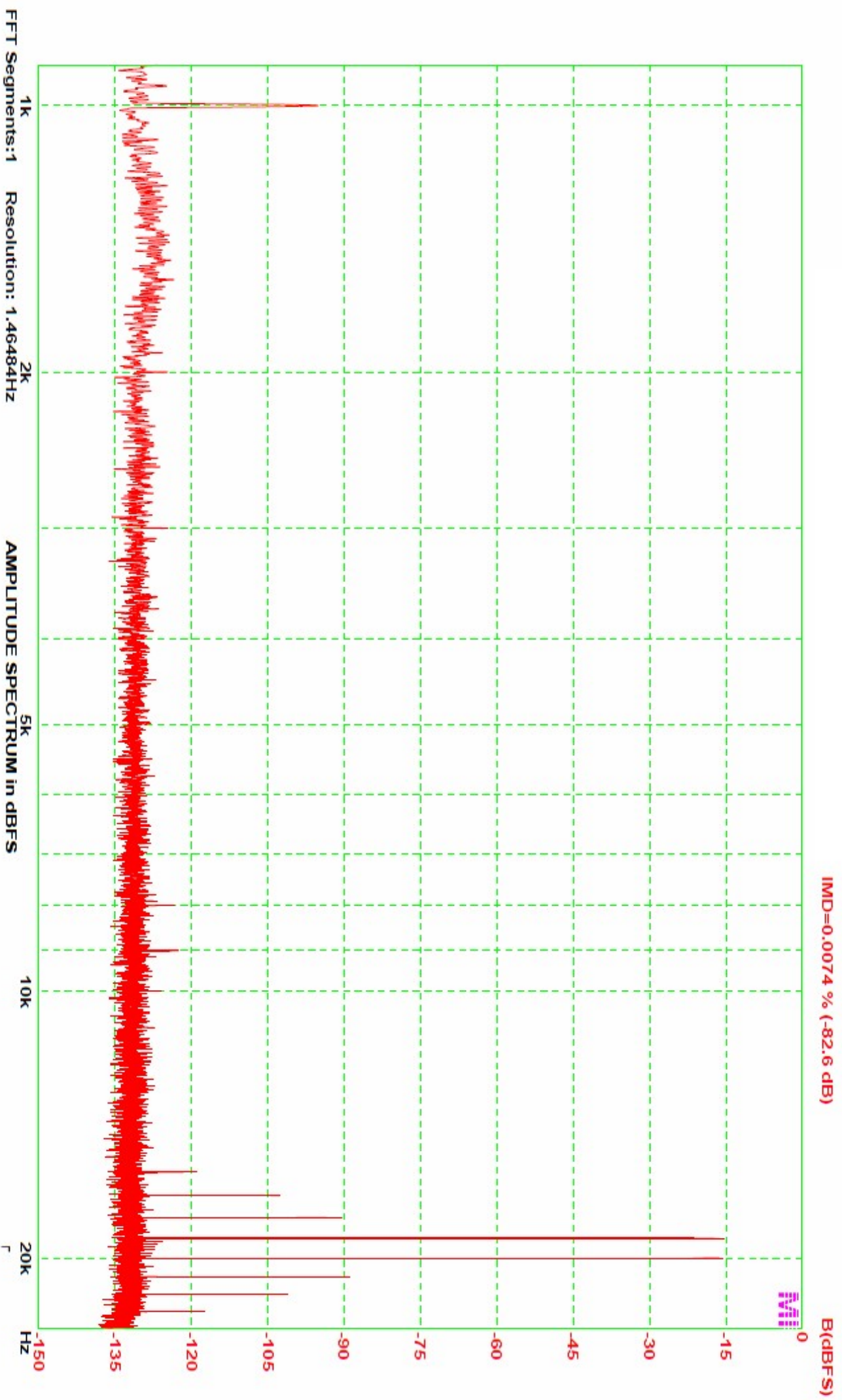
Measurement method limit (loopback)



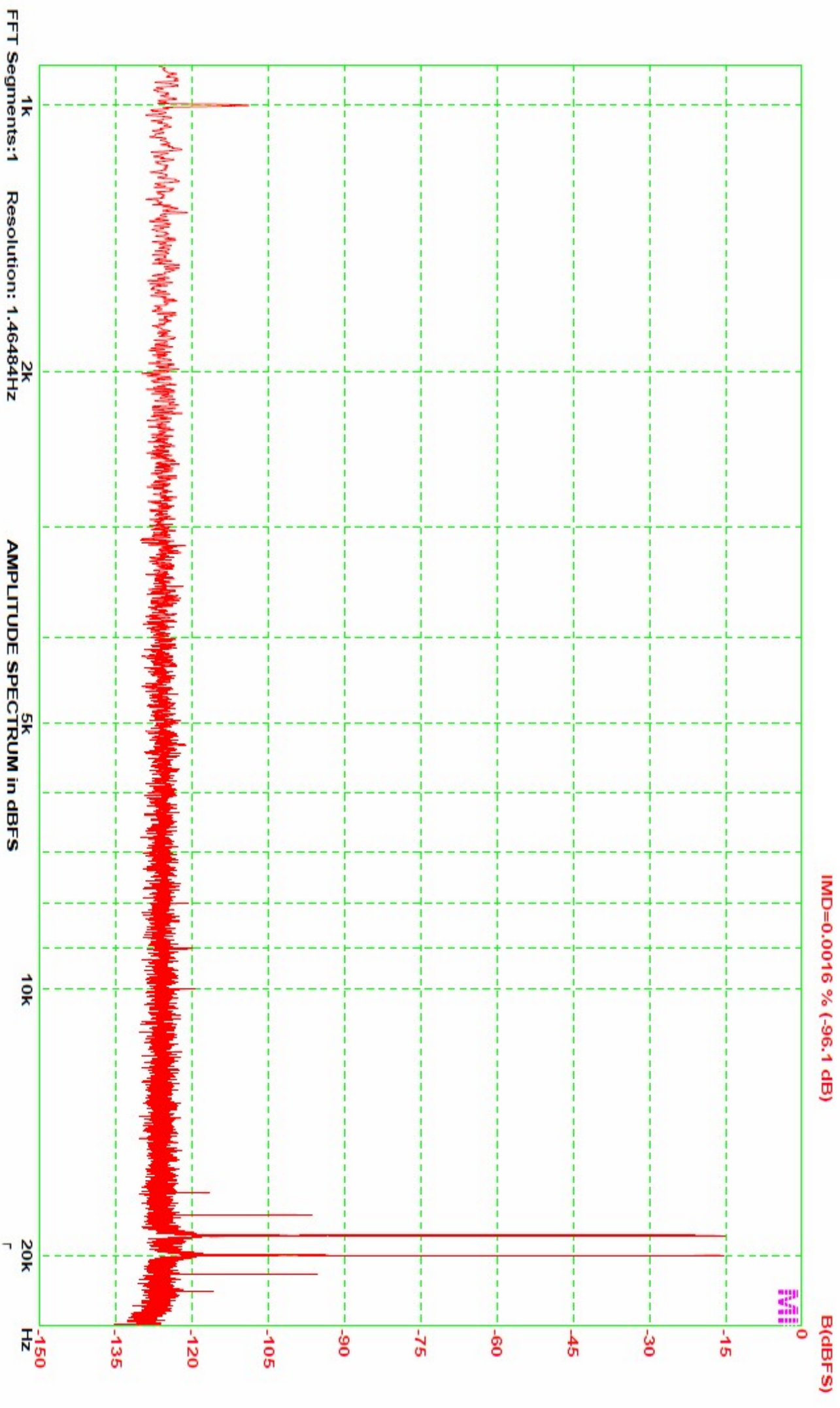
AD797 gain = +101 Vout = 2.9Vp-p



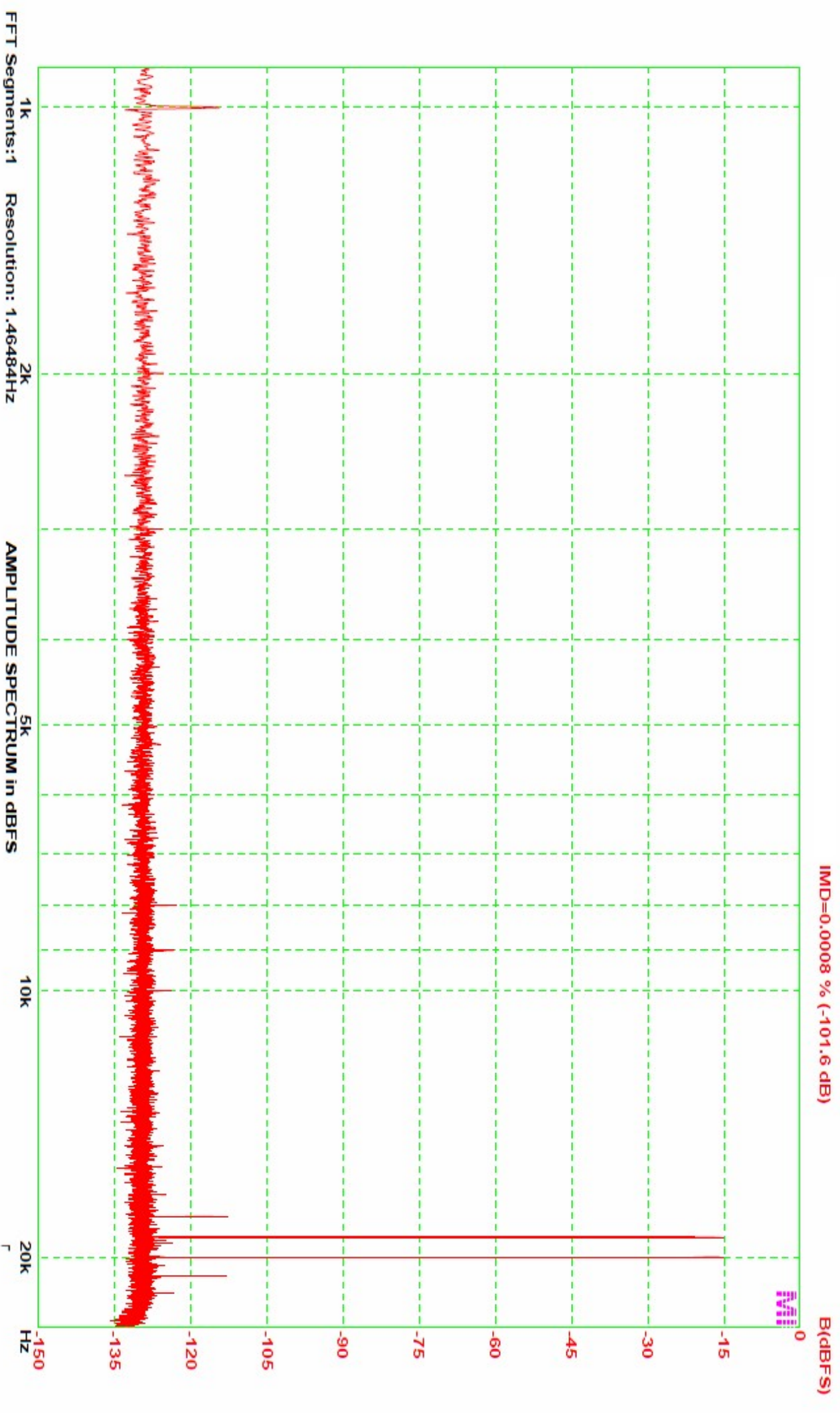
AD844 gain = +101 Vout = 2.9Vp-p



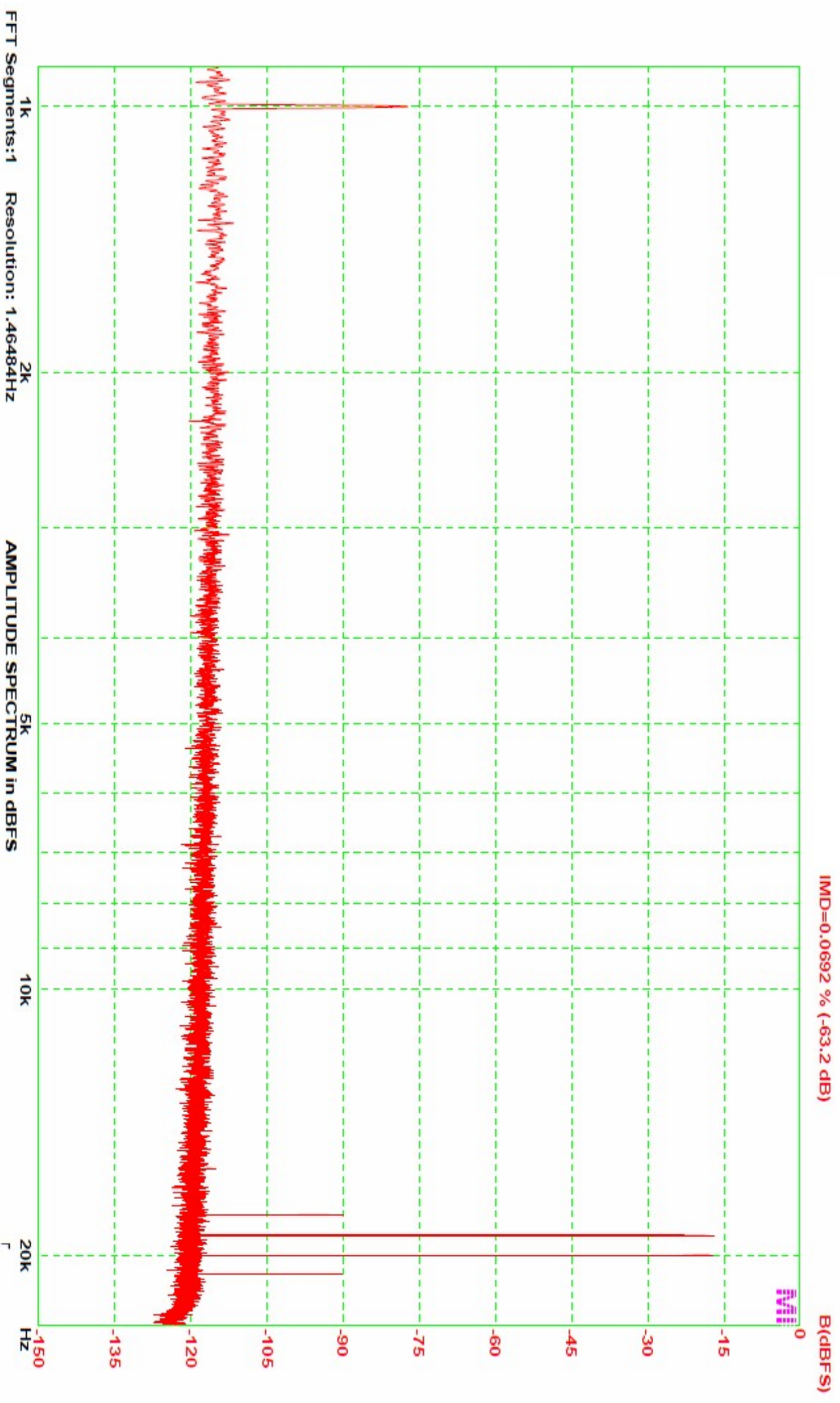
OP27 gain = +101 Vout = 2.9Vp-p



OPA134 gain = +101 Vout = 2.9Vp-p



OPA637 gain = +101 Vout = 2.9Vp-p



uA748 gain = +101 Vout = 2.9Vp-p