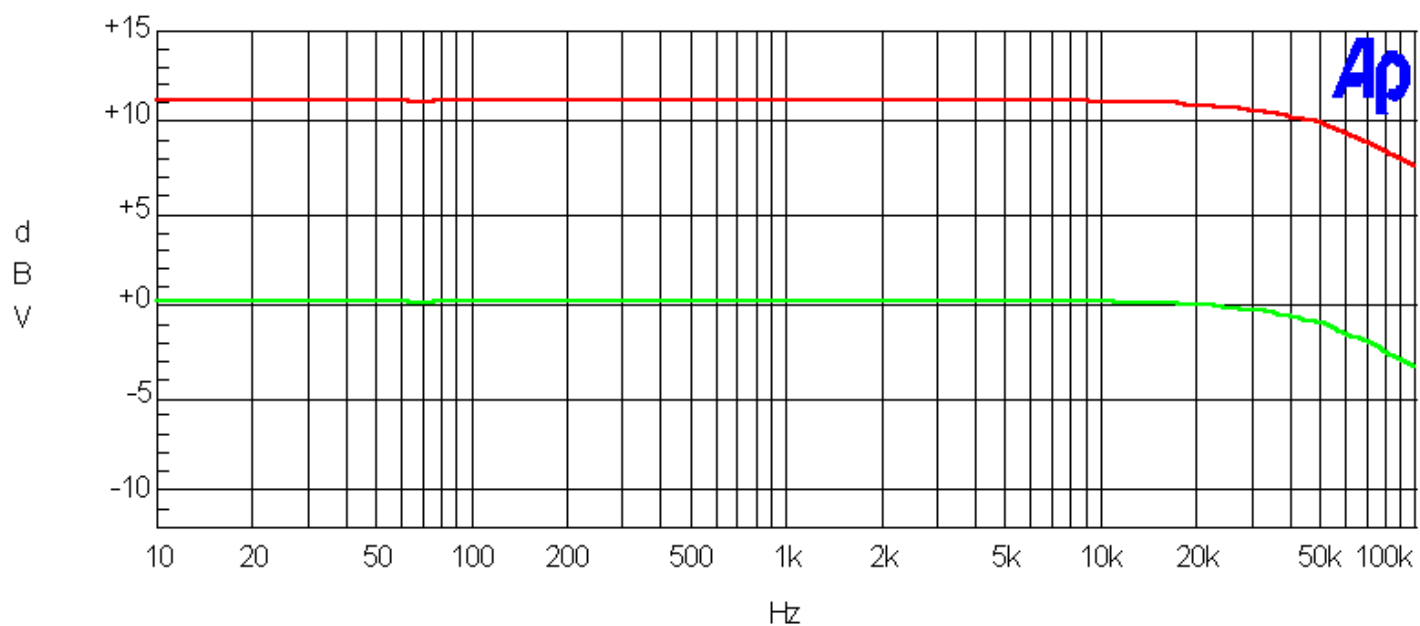


### Frequency response



### Test results

<b>Dynamic range</b>	<b>10 V CV, no signal</b>	<b>81 dBr A</b>
	<b>0 V CV, no signal</b>	<b>110 dBr A</b>
	<b>0 V CV, 1kHz 10 V p-p in</b>	<b>85 dBr A</b>
	<b>0 V CV, 2 kHz 10 V p-p in</b>	<b>77 dBr A</b>
	<b>0 V CV, 10 kHz 10 V p-p in</b>	<b>67 dBr A</b>
	<b>Headroom (over 10V p-p)</b>	<b>5 dB</b>
<b>CV bleedthrough</b>	<b>with careful trimming</b>	<b>2 mV</b>

## Summary

**This was expected to be a poor performer but turned out to be quite respectable. It is a little noisier but the difference is surprisingly small. This circuit seems to be less noisy than the other CA3080-based ones.**



- Very low CV bleedthrough



- High signal bleedthrough at higher frequencies