



Revox A77 Input Amplifier - Frequency Response

Board 1.077.700, Measurement A: AUX IN -> external OUTPUT.

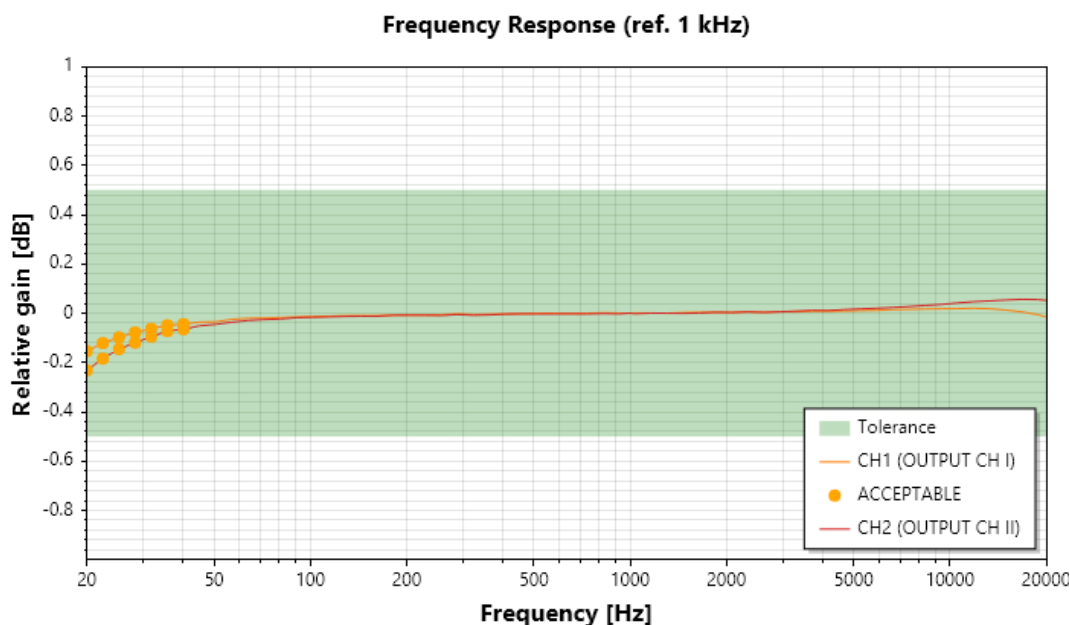
TIP

Overall result: EXCELLENT (max response deviation 0.23 dB, max channel mismatch 0.16 dB, 20 Hz - 20 kHz)

Within factory-new spec (≤ 0.5 dB response deviation and mismatch).

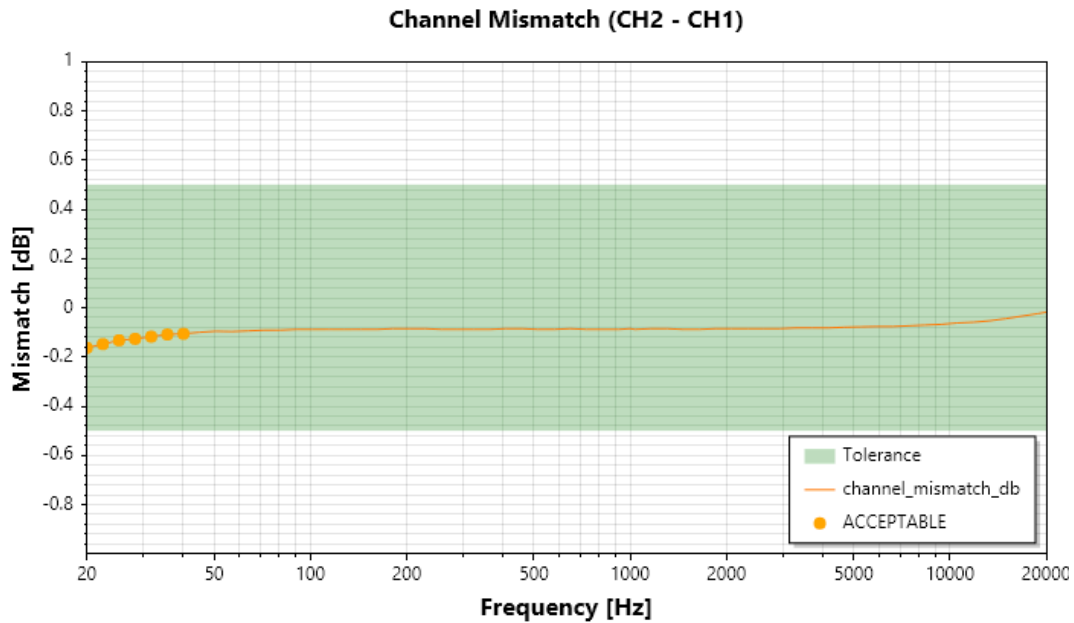
Swept sine, 35 mVrms held constant on AUX via a closed-loop servo, measured with a Rigol DHO4404 scope against a DG4202 generator. Each chart below shades the ± 0.5 dB spec band and flags any point whose measured status wasn't **GOOD** - see [\[1\]](#).

Frequency Response (ref. 1 kHz)

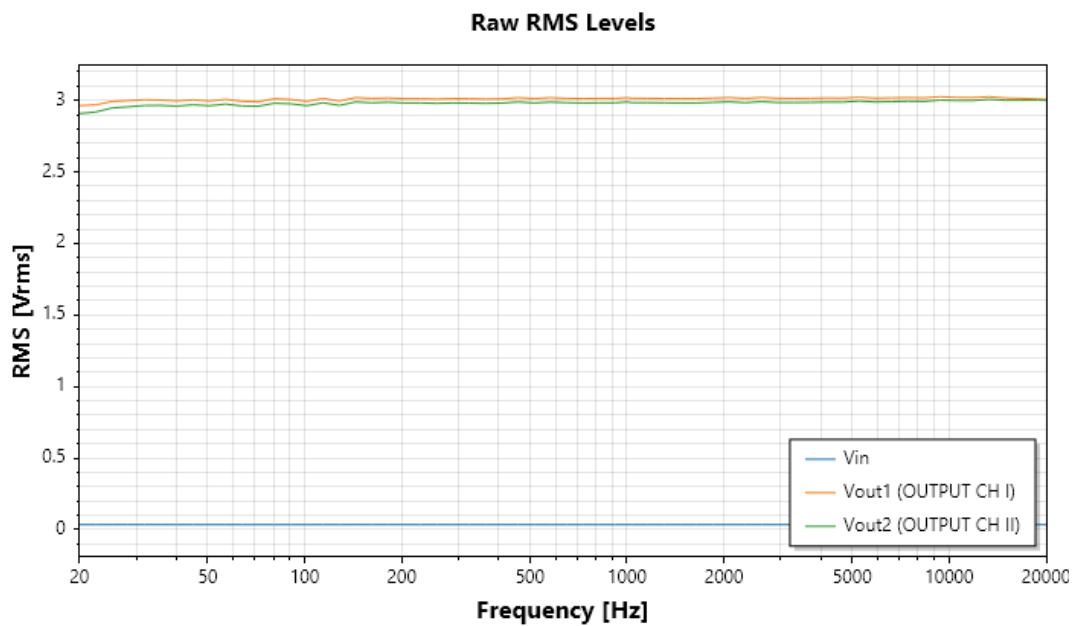




Channel Mismatch (CH2 - CH1)



Raw RMS Levels



Footnotes

1.

Per-point measurement status: **GOOD** - clean, no issues. **ACCEPTABLE/WARNING** - measured cleanly, but channel mismatch fell into that diagnostic band. **UNSTABLE** - noisy sample, usually a transient rather than a device fault. **FAIL** - clipping detected, generator shut off automatically. **INVALID** - the rig's own AUX-level control loop didn't settle before this point



was sampled.