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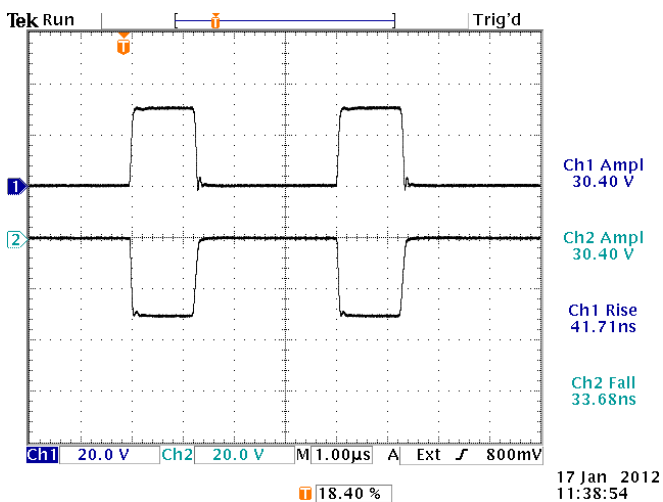
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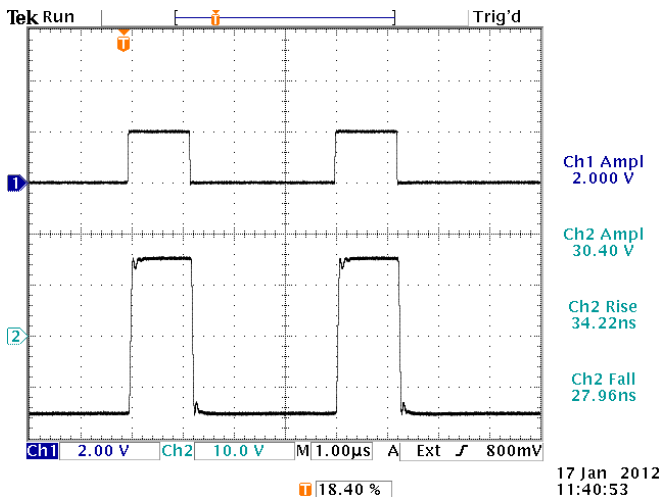
PERFORMANCE CHECKSHEET

Model: AV-110D-PS-OS-D-INV
Type: Dual-Channel Variable-Gain Linear Amplifier
S.N.: 12754
Date: January 18, 2012



Top: A OUT into 50Ω, +15 gain. 20 V/div, 1 us/div.
Bottom: B OUT into 50Ω, -15 gain. 20 V/div, 1 us/div.
The same +2V pulse signal was applied to both inputs.

- a) Output Signal Amplitude: 0 to ±30V, to $R \geq 50 \Omega$
- b) Gain: 0 to ±15
- c) Rise Time (20%-80%): < 0.08 us
- d) Fall Time (80%-20%): < 0.08 us
- e) Bandwidth: 1 MHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.



Top: +2V input B, 2 V/div, 1 us/div.
Bottom: B OUT into 50Ω, +15 gain, with -15V offset added. 10 V/div, 1 us/div.

References levels: 20%, 80%.