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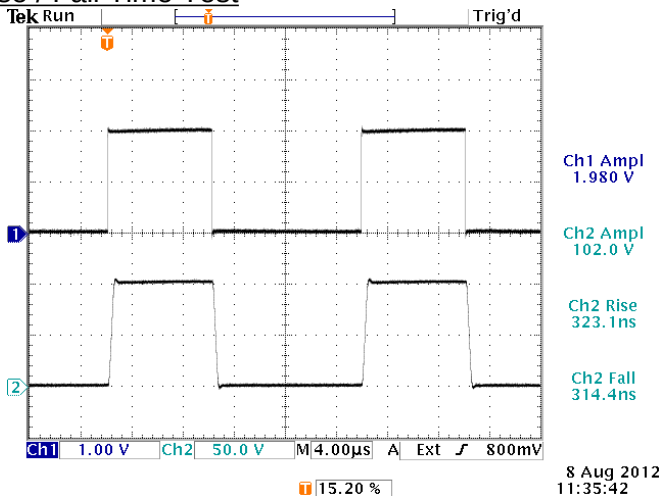
BOX 5120, LCD MERIVALE OTTAWA, ONTARIO CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AV-110C-PS-XOS-D
Type: High-Voltage Dual-Channel Adjustable-Gain Linear Amplifier
S.N.: 12891
Date: August 8, 2012

Rise / Fall Time Test



Top: +2V input, 1 V/div, 4 us/div. Bottom: +100V A out, 10 kΩ load. 50 V/div, 4 us/div.

a) Output Signal Amplitude: 0 to ±100V, to R ≥ 10 kΩ

b) Gain: ×1 to ×50

c) Rise Time: < 0.6 us

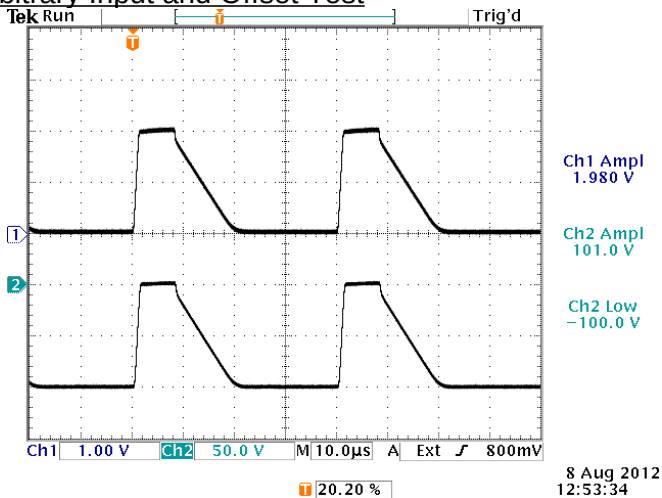
d) Fall Time: < 0.6 us

e) Bandwidth: 200 kHz

f) Jitter, Stability: OK

g) Prime Power: 100-240V AC, 50-60 Hz.

Arbitrary Input and Offset Test



Top: +2V input, 1 V/div, 10 us/div. Bottom: +100V B out, with a -100V DC offset added, 10 kΩ load. 50 V/div, 10 us/div.

References levels: 10%, 90%.