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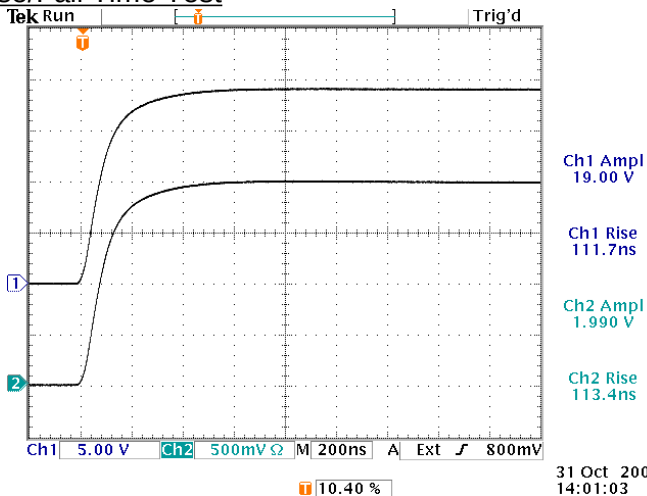
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AV-156A-B-P-ARLB
Type: Pulsed Constant Current Generator
S.N.: 11834
Date: October 31, 2007

Rise/Fall Time Test

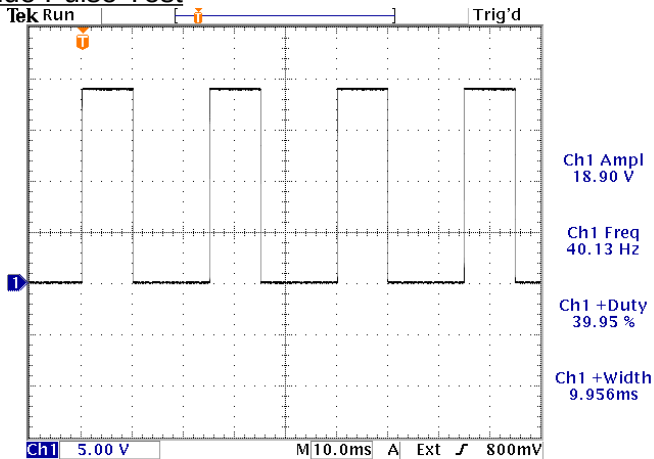


Top: OUT, 1 kHz, 100 us, +2A into 9.49Ω. 5V/div, 200 ns/div.

Bottom: Output of a Tektronix CT-2 current transformer (500 mA/div, 200 ns/div) in series with the load.

- a) Output Signal Amplitude: +10mA to +2A
- b) Pulse Width (FWHM): 1 us – 10 ms
- c) Rise Time (20%-80%): < 200 ns
- d) Fall Time (80%-20%): < 200 ns
- e) PRF: 1 Hz - 10 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Wide Pulse Test



Top: OUT, 40 Hz, 10 ms, +2A into 9.49Ω. 5V/div, 10 ms/div.

References levels: 20%, 80%.