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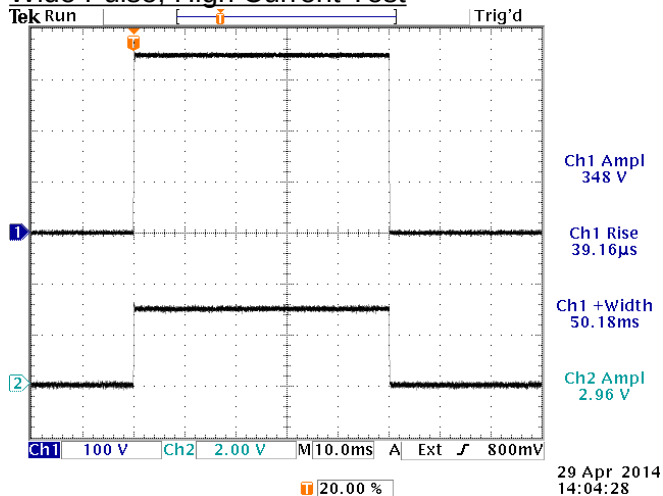
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AV-156A-B-VXI-GE1-R5
Type: High-Voltage Pulsed-Constant-Current Generator
S.N.: 13147
Date: April 29, 2014

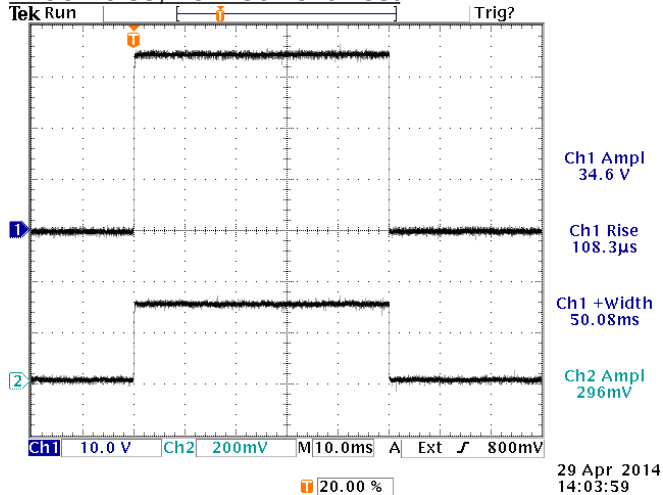
Wide Pulse, High Current Test



Top: +1.5A into 233Ω, 50 ms, 0.5 Hz.
Bottom: Monitor output (2 Volts per Amp)

- a) Output Signal Amplitude: +0.15 to +1.5A
- b) Pulse Width (FWHM): 1 to 50 ms
- c) Rise Time (20%-80%): < 300 us
- d) Fall Time (20%-80%): < 300 us
- e) PRF: 0.1 Hz - 10 Hz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

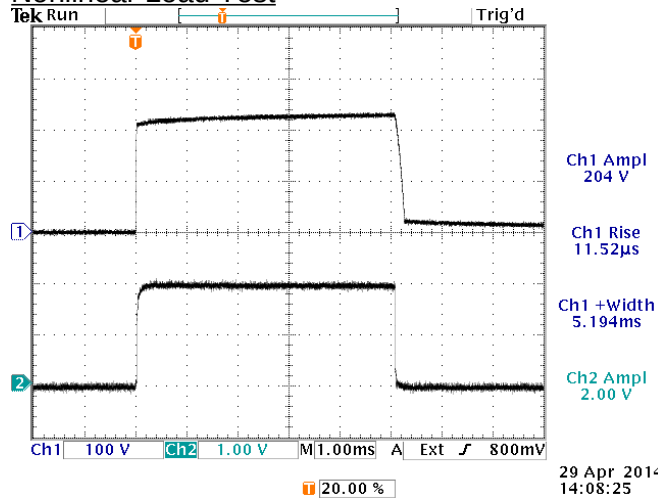
Wide Pulse, Low Current Test



Top: +0.15A into 233Ω, 50 ms, 0.5 Hz.
Bottom: Monitor output (2 Volts per Amp)

References levels: 20%, 80%.

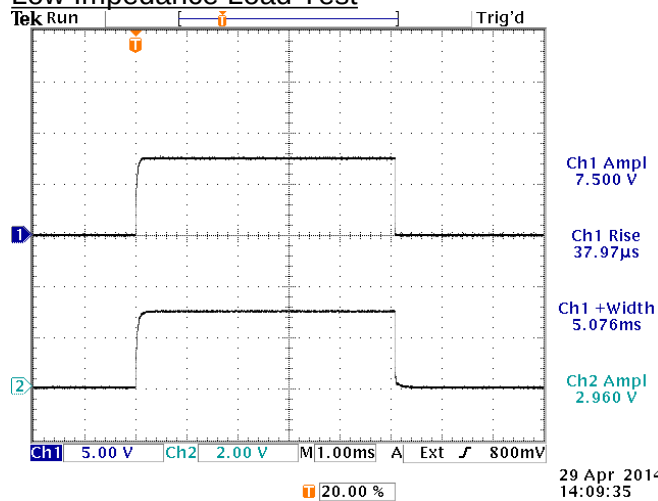
Nonlinear Load Test



Top: +1.0A into a reverse-biased 1N3015B Zener diode ($V_{ZENER} = 200V$) 5 ms, 1 Hz.

Bottom: Monitor output (2 Volts per Amp)

Low Impedance Load Test



Top: +1.5A into 5Ω , 5 ms, 5 Hz.

Bottom: Monitor output (2 Volts per Amp)