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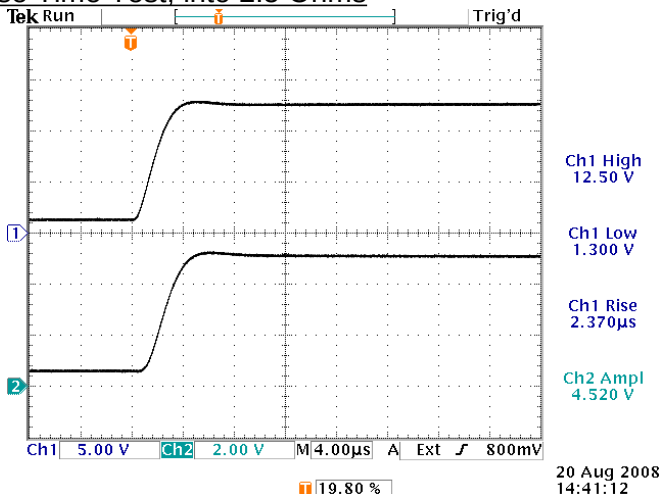
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AV-156A-B  
Type: Pulsed Constant Current Generator  
S.N.: 8655 (repair)  
Date: August 20, 2008

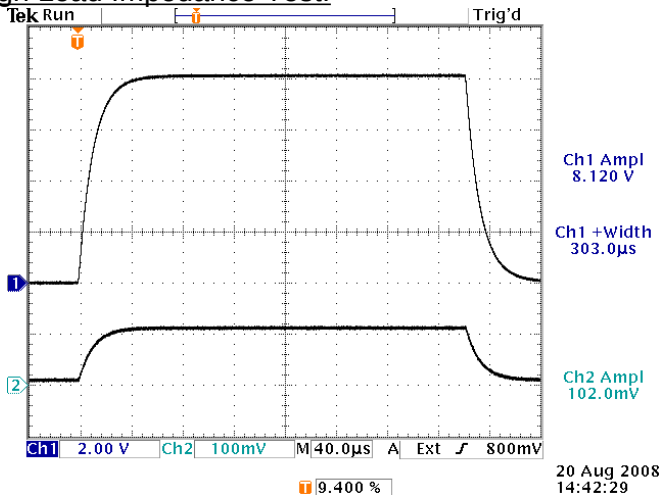
Rise Time Test, into 2.5 Ohms



Top: OUT, +4.5A amplitude with +0.5A offset into 5.017 Ω, 10 ms PW, 20 Hz PRF, 5 V/div, 4 μs/div.  
Bot: Monitor output into 10kΩ load, 2V/div, 4 μs/div

- a) Output Signal Amplitude: 0 - 5A
- b) Pulse Width (FWHM): 10 us - 10 ms
- c) Rise Time (20%-80%): < 4 us, for  $R_L < 2.5\Omega$
- d) Fall Time (80%-20%): < 4 us, for  $R_L < 2.5\Omega$
- e) PRF: 0.1 Hz - 10 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100 - 240V AC, 50 - 60 Hz.

High Load Impedance Test:



Top: OUT, 100 mA amplitude into 80 Ohms. 300 us PW, 20 Hz PRF, 5V/div, 40 us/div.  
Bot: Monitor output into 10kΩ load, 0.1V/div, 40 us/div

References levels: 10%, 90%.