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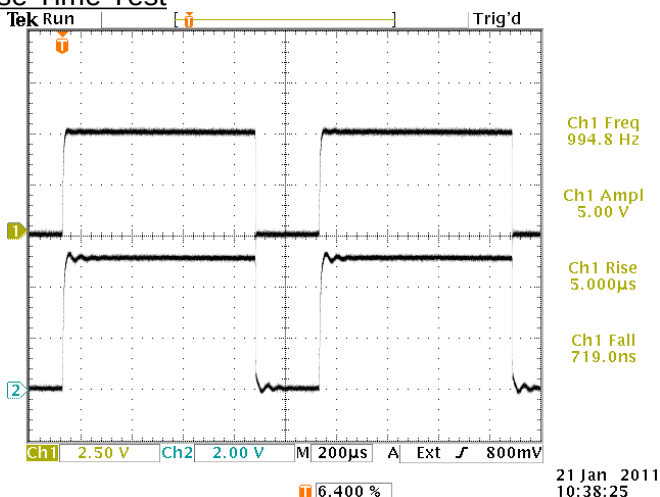
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AV-109F-3-B-P-AK3-AK6
Type: Pulse Constant Current Generator and Laser Diode Driver
S.N.: 12575
Date: January 21, 2011

Rise Time Test

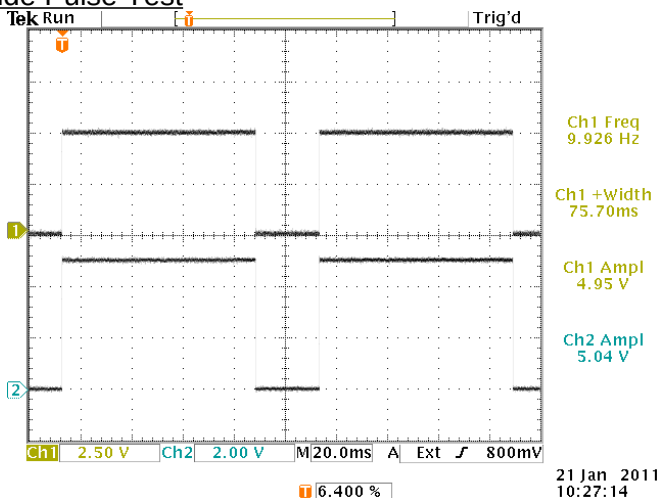


- a) Output Signal Amplitude: up to +50A
- b) Pulse Width (FWHM): 10 us to 1 sec
- c) Rise Time (20%-80%): < 10 us
- d) Fall Time (20%-80%): < 10 us
- e) PRF: 1 Hz - 1 kHz

Top: 1 kHz, 75% duty, +50A into 0.1Ω (AV-HTL-0R1-HLZ). 2.5V/div (25 A/div), 200 us/div.
Bot: Monitor output (1V / 10A).

- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Wide Pulse Test



Top: 10 Hz, 75% duty, +50A into 0.1Ω (AV-HTL-0R1-HLZ). 2.5V/div (25 A/div), 20 ms/div.
Bot: Monitor output (1V / 10A).

References levels: 20%, 80%.