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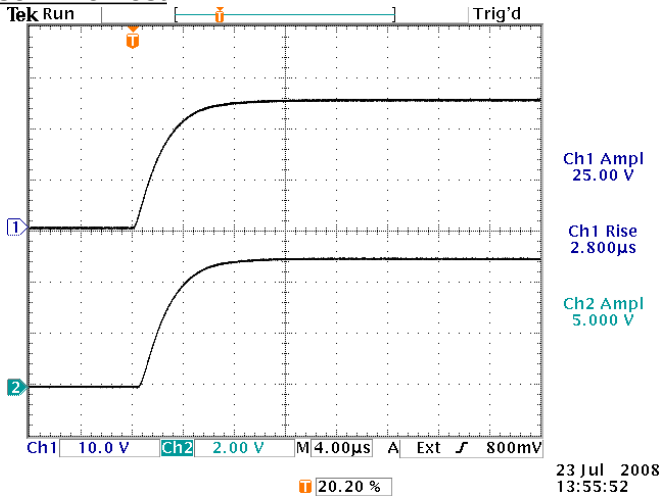
BOX 5120, LCD MERIVALE OTTAWA, ONTARIO CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AV-156A-B-HC
Type: Pulsed Constant Current Generator
S.N.: 12031
Date: July 23, 2008

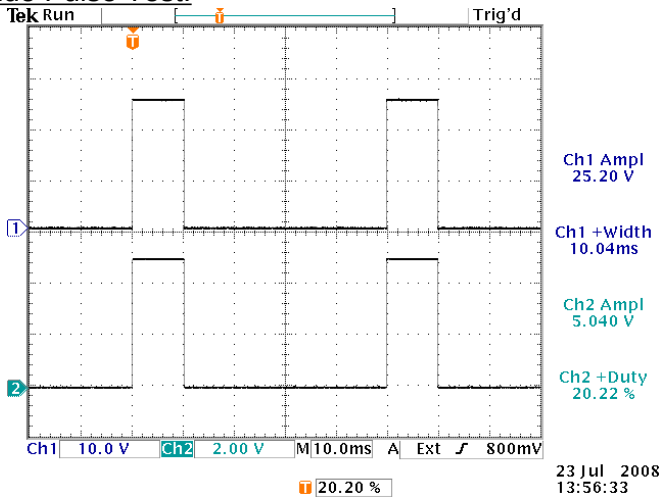
Rise Time Test



Top: OUT, +5A amplitude into 5.017 Ω, 10 ms PW, 20 Hz PRF, 10 V/div, 4 us/div
Bot: Monitor output into 10kΩ load, 2V/div, 4 us/div

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

Wide Pulse Test:



Top: OUT, +5A amplitude into 5.017 Ω, 10 ms PW, 20 Hz PRF, 10 V/div, 10 ms/div
Bot: Monitor output into 10kΩ load, 2V/div, 4 us/div

References levels: 20%, 80%.