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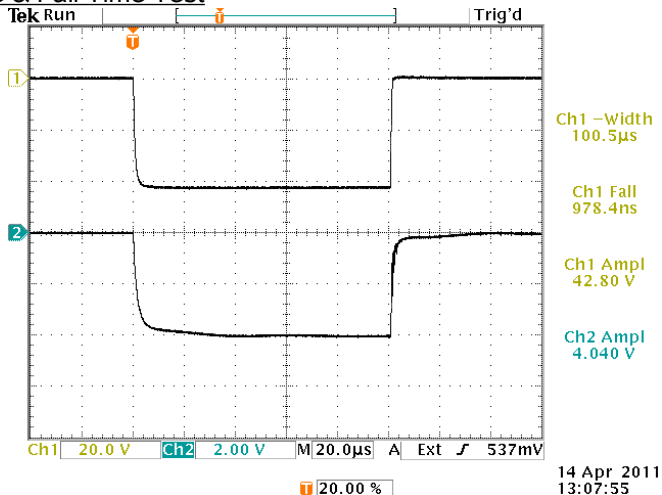
BOX 5120, LCD MERIVALE OTTAWA, ONTARIO CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVO-8C3-B-N-AK9-AC02
Type: High-Current Pulsed-Voltage Laser Diode Driver
S.N.: 12615
Date: April 14, 2011

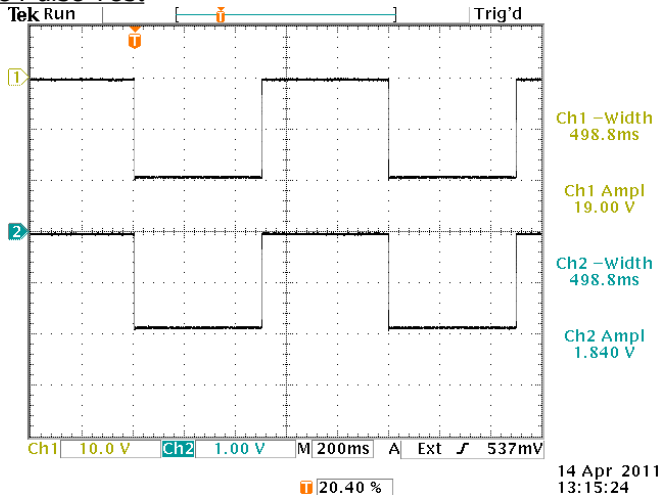
Rise & Fall Time Test



Top: 10 Hz, 100 us, 200A into 0.216Ω. 20 V/div, 20 us/div.
Bottom: Monitor output. 2 V/div, 20 us/div.
Load: Avtech AV-HTL-0R2 high power load.
Power supply: Xantrex XHR 60-18.

- a) Output Signal Amplitude: 0 to -40V, 0 to -200 Amps.
b) Pulse Width (FWHM) : 2 us - 1 s
c) Rise Time (20%-80%): < 1.5 us
d) Fall Time (80%-20%): < 1.5 us
e) PRF: 1 Hz - 1 kHz
f) Jitter, Stability: OK
g) Prime Power: 100-240V AC, 50-60 Hz.

Wide Pulse Test



Top: 1 Hz, 500 ms, 19V into 0.216Ω. 10 V/div, 200 ms/div.
Bottom: Monitor output. 1 V/div, 200 ms/div.
Load: Avtech AV-HTL-0R2 high power load.
Power supply: Xantrex XFR 20-130.

References levels: 10%, 90%.