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

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PERFORMANCE CHECKSHEET

Model: AVO-6C-B-F1-PN-M
Type: Pulsed Voltage Laser Diode Driver
S.N.: 11705 (repair)
Date: April 24, 2007

Output Amplitude: 0 to ±250V, to 50Ω
Pulse Width (FWHM): 50 ns – 5 us
Rise Time (20%-80%): ≤ 2 ns
Fall Time (80%-20%): ≤ 2 ns
PRF: 1 Hz - 10 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

10 kHz, 120 ns pulse width, +250V, into a 50Ω load (i.e., no output module).

10 kHz, 120 ns pulse width, -250V, into the provided output module. A short length of bus-bar wire was installed between the OUT and GND terminals, and the current was sensed using a Integrated Sensor Technologies model 711S current probe.

20 ns/div. 100 V/div (100 mV × 60 dB):

20 ns/div. 2 A/div.

