



P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

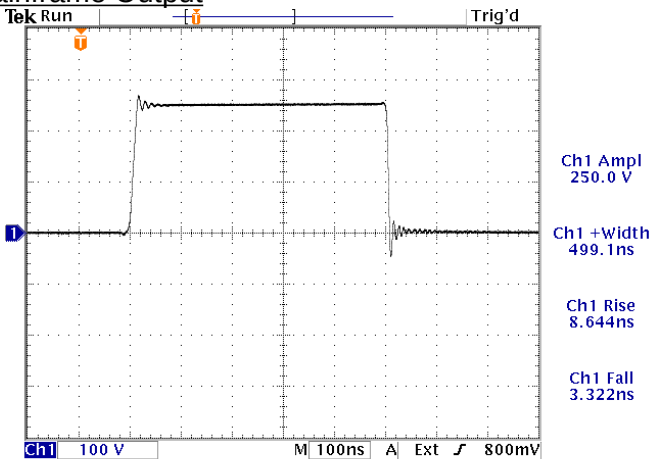
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AVO-6D-B-P-AC00
Type: High Current Pulse Generator and Laser Diode Driver
S.N.: 13414
Date: March 10, 2016

Mainframe Output



10 Mar 2016
14:47:09

+250V, 500 ns, into 50Ω (no output module).
1 kHz. 100 V/div, 100 ns/div.

a) Output Signal Amplitude: up to +10A

b) Pulse Width (FWHM): 50 ns – 5 us

c) Rise Time (20%-80%): < 15 ns

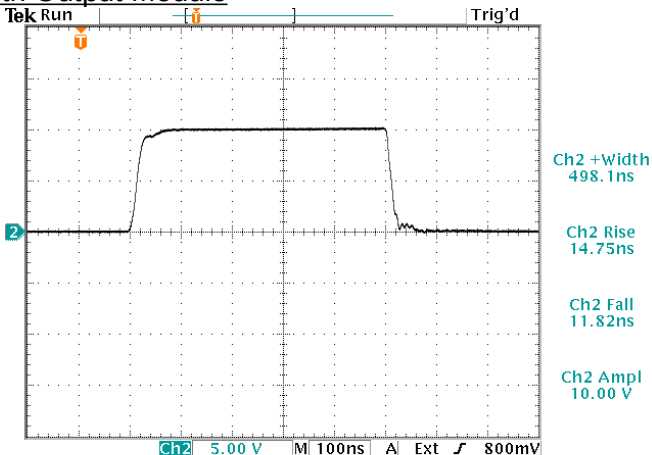
d) Fall Time (80%-20%): < 15 ns

e) PRF: 1 Hz - 10 kHz

f) Jitter, Stability: OK

g) Prime Power: 100-240V AC, 50-60 Hz.

With Output Module



10 Mar 2016
14:48:03

Output of a Tektronix CT-2 current probe (into 50Ω) for
a +250V/+10A pulse into the output module, with a
1N5819 diode installed as the DUT. 5 A/div, 100 ns/div.

References levels: 20%, 80%.