



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)

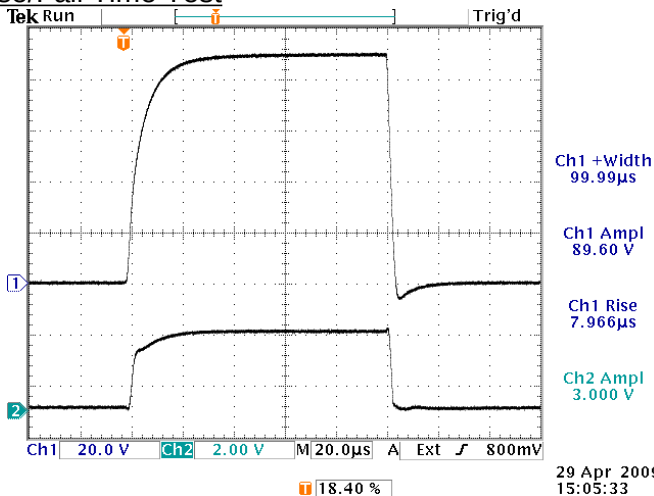
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AV-108E-4-B-P-AK5-MJLA  
Type: Pulsed Constant Current Generator or Laser Diode Driver  
S.N.: 12247  
Date: April 29, 2009

Rise/Fall Time Test



Top: OUT, 150A into 0.6 Ohms, 100 us, 10 Hz. 20V/div.  
Bottom: Monitor output (1V / 50A). 2V/div.  
Both: 20 us/div.

a) Output Signal Amplitude: 0 to +150A

b) Pulse Width (FWHM): 20 us - 400 us

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

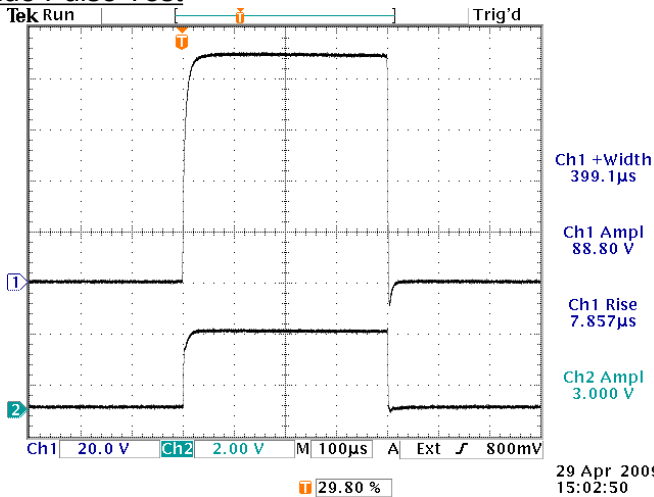
d) Fall Time (80%-20%): < 15 us

e) PRF: 1 Hz - 1 kHz

f) Jitter, Stability: OK

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

Wide Pulse Test



Top: OUT, 150A into 0.6 Ohms, 400 us, 2 Hz. 20V/div.  
Bottom: Monitor output (1V / 50A). 2V/div.  
Both: 100 us/div.

Reference levels: 10%, 90%.