



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)

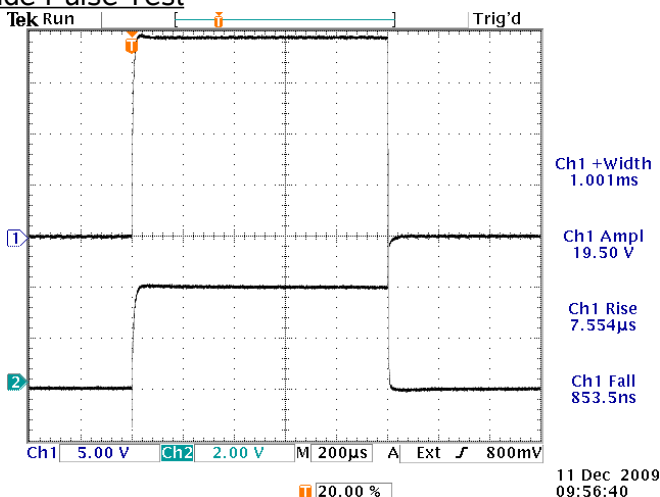
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AV-108E-3-B-P-AK5  
Type: Pulsed Constant Current Generator or Laser Diode Driver  
S.N.: 12322  
Date: December 11, 2009

Wide Pulse Test



Top: OUT, 200A into 0.097 Ohms, 1 ms, 10 Hz.  
Bottom: Monitor output (1V / 50A).

a) Output Signal Amplitude: 0 to +200A

b) Pulse Width (FWHM): 20 us - 1 ms

c) Rise Time (20%-80%): < 10 us

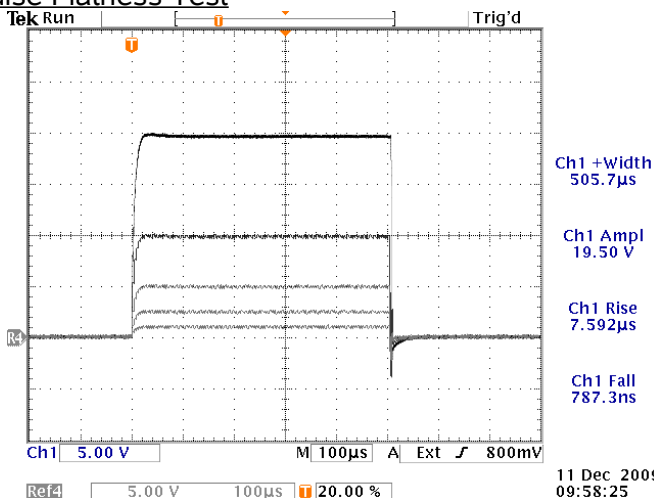
d) Fall Time (80%-20%): < 10 us

e) PRF: 1 Hz - 1 kHz

f) Jitter, Stability: OK

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

Pulse Flatness Test



+10A, +25A, 50A, +100A, and +200A at 20 Hz, 500 us.  
5 V/div, 100 us/div.

References levels: 20%, 80%.