



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)

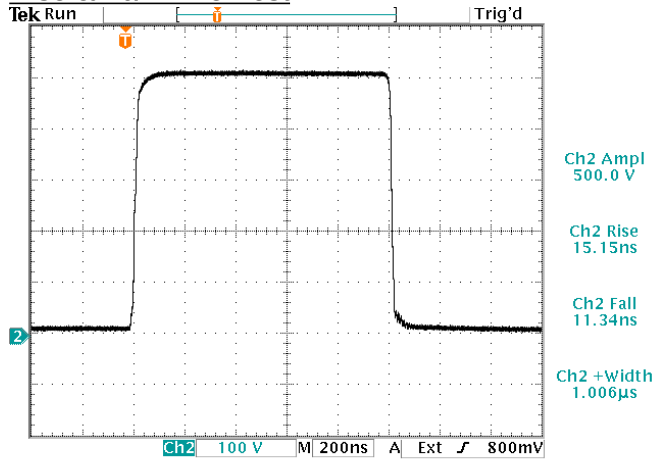
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVR-5B-B-BR-PN  
Type: High-Voltage Pulse Generator  
S.N.: 12496  
Date: September 7, 2010

Rise & Fall Time Test

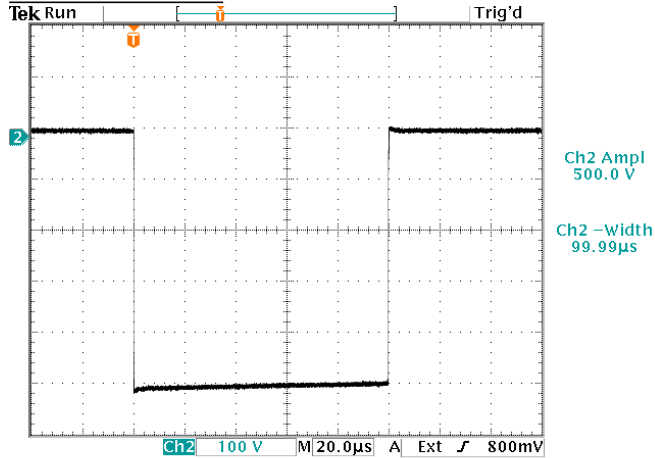


7 Sep 2010  
13:08:45

10 Hz, 1 us, +500V into a 50Ω load.  
100 V/div, 200 ns/div.

- a) Output Signal Amplitude: 0 to ±500V
- b) Pulse Width (FWHM): 100 ns - 100 us
- c) Rise Time (20%-80%): < 20 ns
- d) Fall Time (20%-80%): < 20 ns
- e) PRF: 1 Hz - 10 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

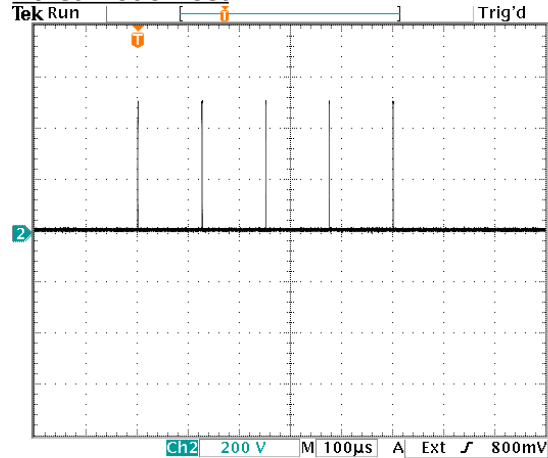
Wide Pulse Test



7 Sep 2010  
13:09:26

10 Hz, 100 us, -500V into a 50Ω load.  
100 V/div, 20 us/div.

Burst Mode Test



7 Sep 2010  
13:11:03

Burst of five 1 us 500V pulses.  
200 V/div, 100 us/div.

References levels: 20%, 80%