



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

TEL: 888-670-8729 (USA & Canada) or +1-613-226-5772 (Intl)  
FAX: 800-561-1970 (USA & Canada) or +1-613-226-2802 (Intl)

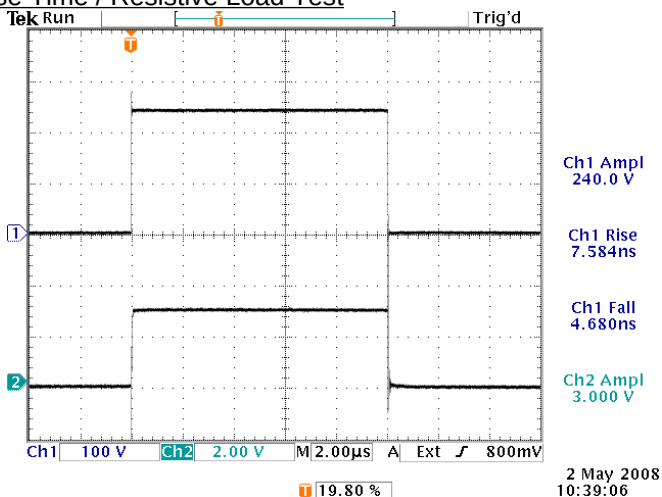
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVR-G1-B-P-EMRA-R5-RP-IM  
Type: High-Voltage Pulse Generator  
S.N.: 11974  
Date: May 2, 2008

Rise Time / Resistive Load Test



Top: OUT, 10 kHz, 10 us, 240V, to 1.6 kΩ.  
100 V/div, 2 us/div.

Bot: Monitor output, into an open circuit. 2V /div.

a) Output Signal Amplitude: 0 to +240V

b) Pulse Width (FWHM): 3 – 30 us

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

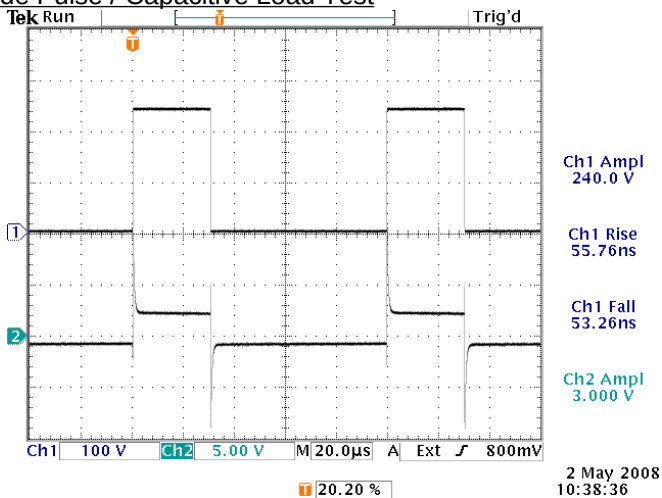
d) Fall Time (80%-20%): < 20 ns

e) PRF: 1 – 10 kHz

f) Jitter, Stability: OK

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

Wide Pulse / Capacitive Load Test



Top: OUT, 10 kHz, 30 us, maximum amplitude, into  
1.6 kΩ in parallel with 1000 pF. 100 V/div, 20 us/div.

Bot: Monitor output, into an open circuit. 5V /div.

References levels: 20%, 80%.