



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

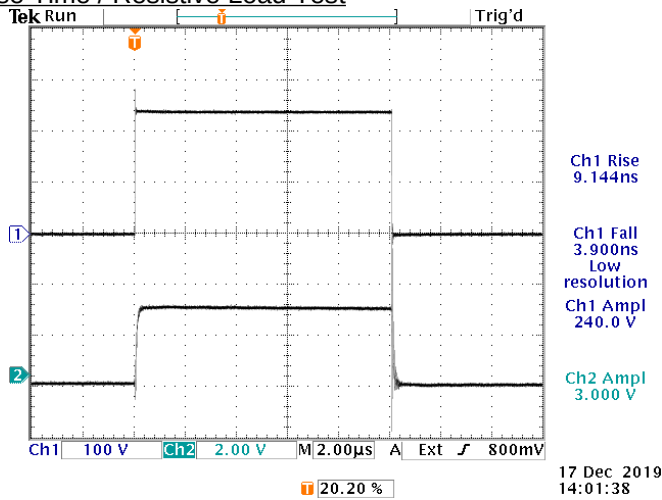
Tel: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)  
Fax: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-G1-B-P-EMRA-R5-RP-IM  
Type: High-Voltage Pulse Generator  
S.N.: 13942  
Date: December 17, 2019

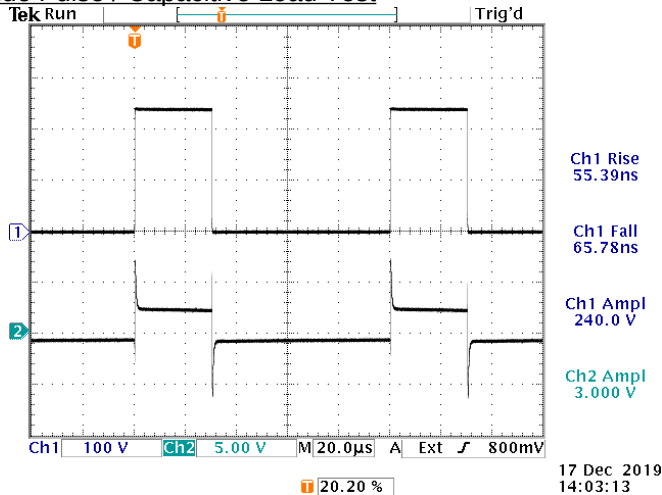
Rise Time / Resistive Load Test



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: up 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%.