AVTECH ELECTROSYSTEMS LTD.
NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

☐ 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)

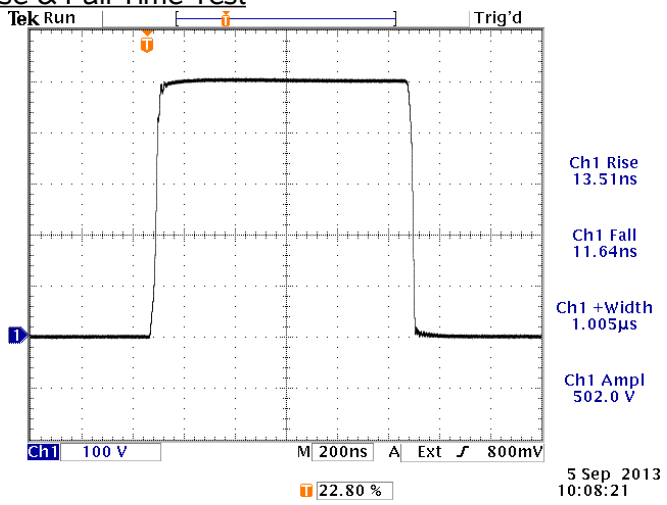
☒ BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AVR-5B-B-P-AC03
Type: High Voltage Pulse Generator
S.N.: 13087
Date: September 5, 2013

Rise & Fall Time Test



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

a) Output Signal Amplitude: up to +500V

b) Pulse Width (FWHM): 100 ns - 100 us, 1% duty cycle

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

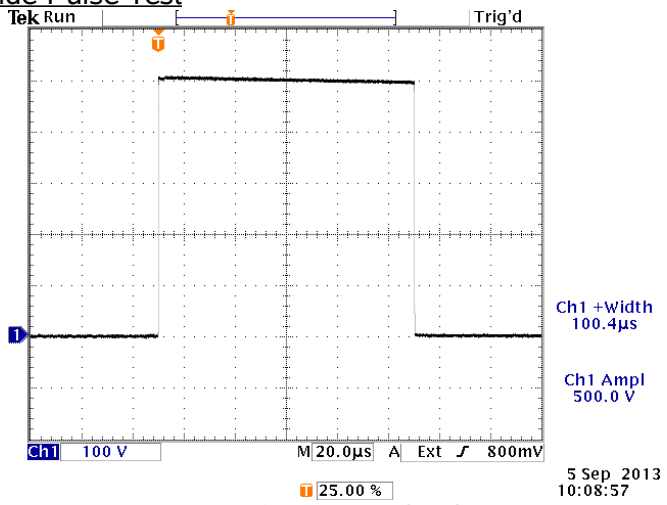
d) Fall Time (20%-80%): < 20 ns

e) PRF: 1 Hz - 10 kHz

f) Jitter, Stability: OK

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

Wide Pulse Test



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

References levels: 20%, 80%.