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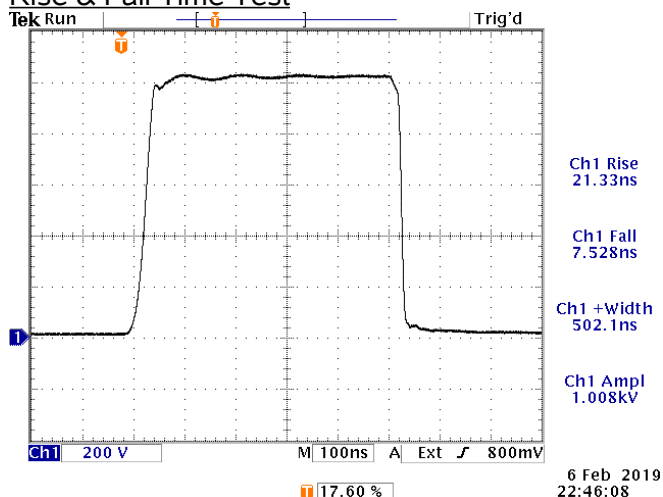
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AVR-8A-B-R50-P-UCLA
Type: High Voltage Pulse Generator
S.N.: 13835
Date: February 7, 2019

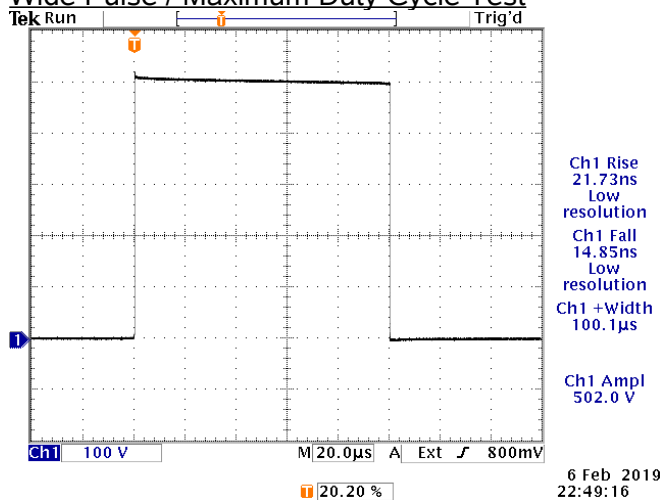
Rise & Fall Time Test



10 Hz, 500 ns, +1 kV, into 25Ω, Z_{OUT} = 0Ω.
200 V/div, 100 ns/div.

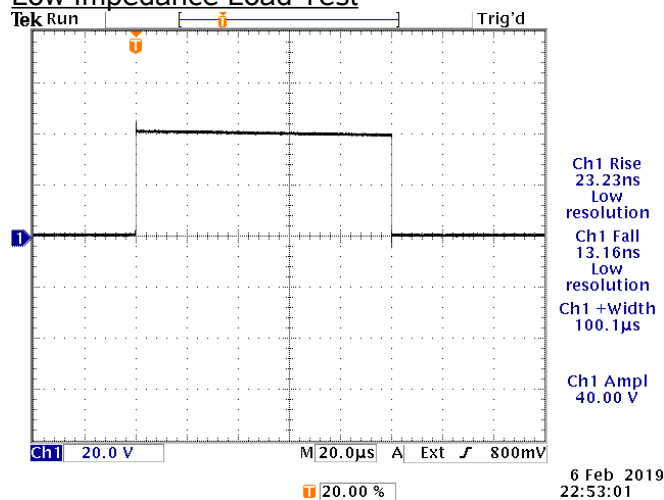
- a) Output Signal Amplitude: up to +1000V, into 25Ω
- b) Pulse Width (FWHM): 200 ns - 100 us, 0.1% duty cycle
- c) Rise Time (20%-80%): < 75 ns
- d) Fall Time (20%-80%): < 75 ns
- e) PRF: 1 Hz - 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Wide Pulse / Maximum Duty Cycle Test



10 Hz, 100 us, +1 kV, into 25Ω, Z_{OUT} = 25Ω.
100 V/div, 20 us/div.

Low Impedance Load Test



10 Hz, 100 us, +1 kV, into 1.0Ω, Z_{OUT} = 25Ω.
20 V/div, 20 us/div.