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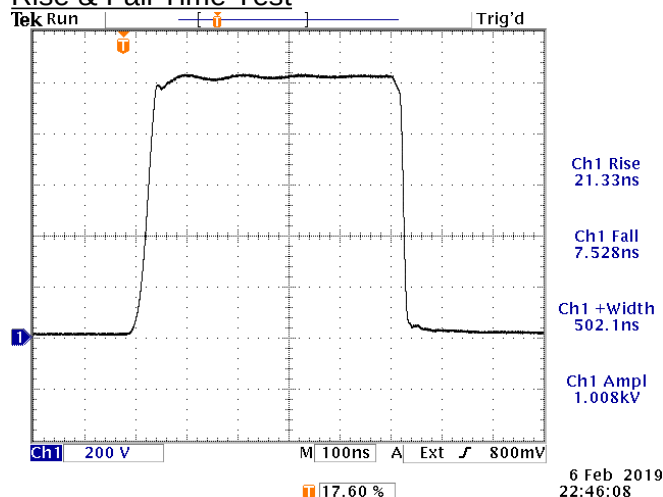
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

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

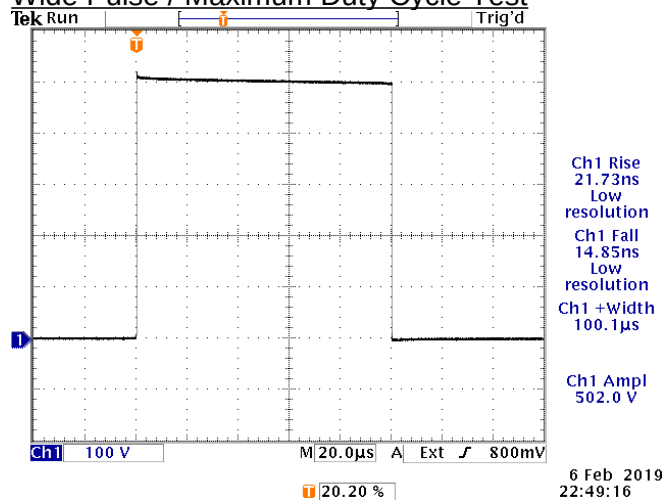
Rise & Fall Time Test



10 Hz, 500 ns, +1 kV, into 25Ω, Z<sub>OUT</sub> = 0Ω.  
200 V/div, 100 ns/div.

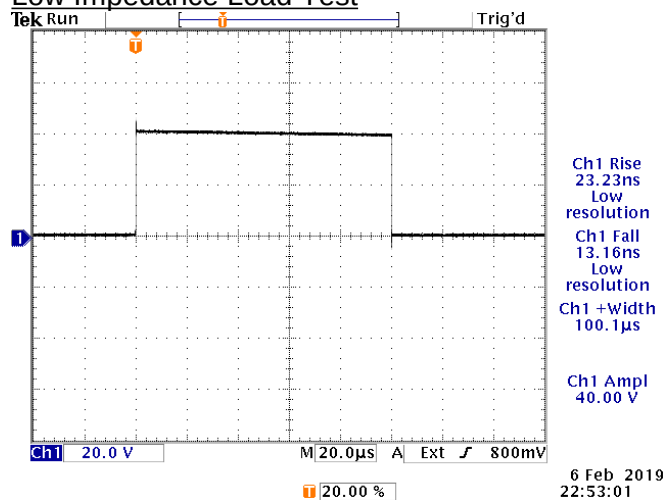
- a) Output Signal Amplitude: up to +1000V, into 25Ω
- b) Pulse Width (FWHM): 200 ns - 100 us, 0.1% duty cycle
- c) Rise Time (20%-80%): < 75 ns
- d) Fall Time (20%-80%): < 75 ns
- e) PRF: 1 Hz - 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Wide Pulse / Maximum Duty Cycle Test



10 Hz, 100 us, +1 kV, into 25Ω, Z<sub>OUT</sub> = 25Ω.  
100 V/div, 20 us/div.

Low Impedance Load Test



10 Hz, 100 us, +1 kV, into 1.0Ω, Z<sub>OUT</sub> = 25Ω.  
20 V/div, 20 us/div.