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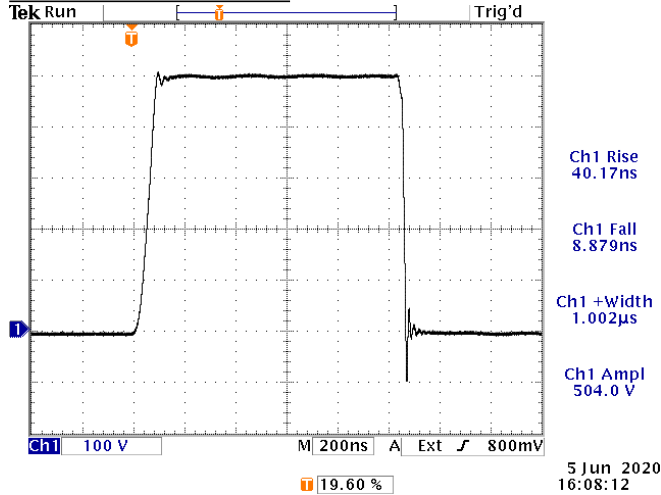
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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-8A-B-P-R50FIX-HPRF
Type: High Voltage Pulse Generator
S.N.: 13993
Date: June 8, 2020

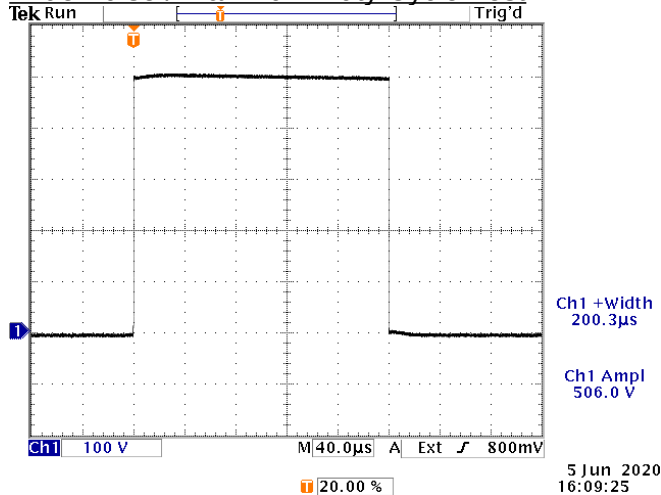
Rise & Fall Time Test



10 Hz, 500 ns, +1 kV set amplitude, into 50Ω.
100 V/div, 100 ns/div.

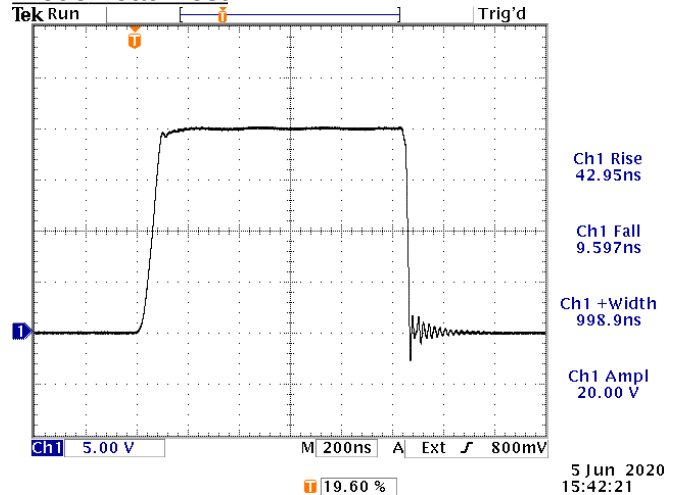
- a) Output Signal Amplitude: up to +1000V
- b) Pulse Width (FWHM): 200 ns - 200 us
- c) Rise Time (20%-80%): < 50 ns
- d) Fall Time (20%-80%): < 50 ns
- e) PRF: 1 Hz - 10 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Wide Pulse / Maximum Duty Cycle Test



10 Hz, 200 us, +1 kV set amplitude, into 50Ω.
100 V/div, 40 us/div.

Diode Load Test



10 Hz, 1 us, +1 kV/+20A, into a BY255P-E3/54 diode load, through 2 meters of coaxial cabling. Current measured with a Tektronix CT2 current probe (1 V/A). 200 ns/div, 5 A/div.