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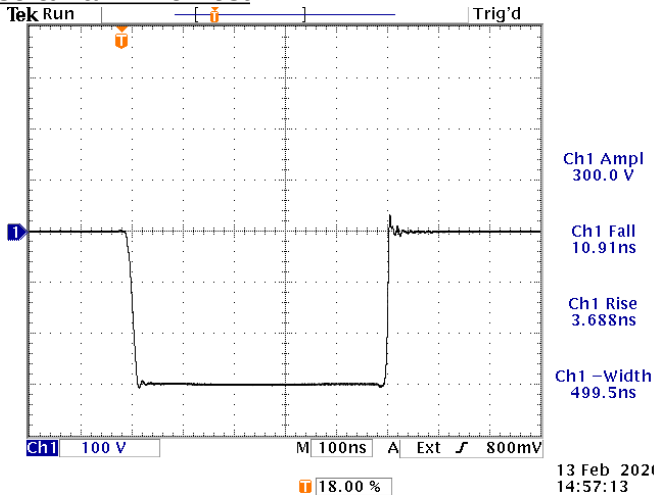
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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-3HG-B-N-AC22-CC1-ID1
Type: High Voltage Pulse Generator
S.N.: 13952
Date: February 13, 2020

Rise & Fall Time Test



10 kHz, 500 ns, -300V into a 50Ω load.
100 V/div, 100 ns/div.

a) Output Signal Amplitude: up to -300V

b) Pulse Width (FWHM): 50 ns - 100 us,
0.8% duty cycle

c) Rise Time (20%-80%): < 12.5 ns

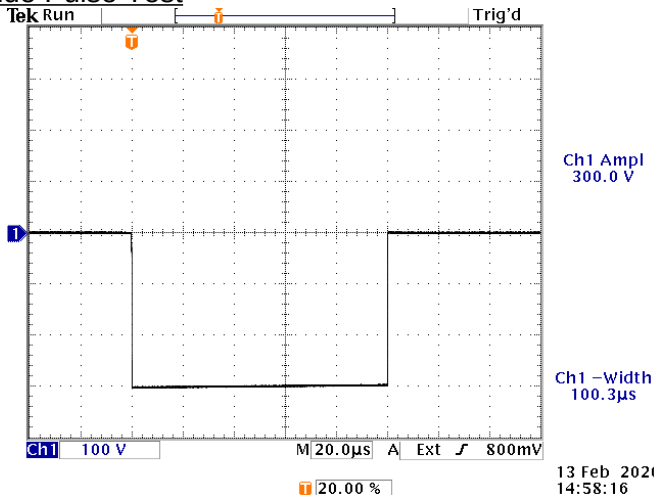
d) Fall Time (20%-80%): < 12.5 ns

e) PRF: 1 Hz - 20 kHz

f) Jitter, Stability: OK

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

Wide Pulse Test



50 Hz, 100 us, -300V into a 50Ω load.
100 V/div, 20 us/div.

Reference levels: 20%, 80%.