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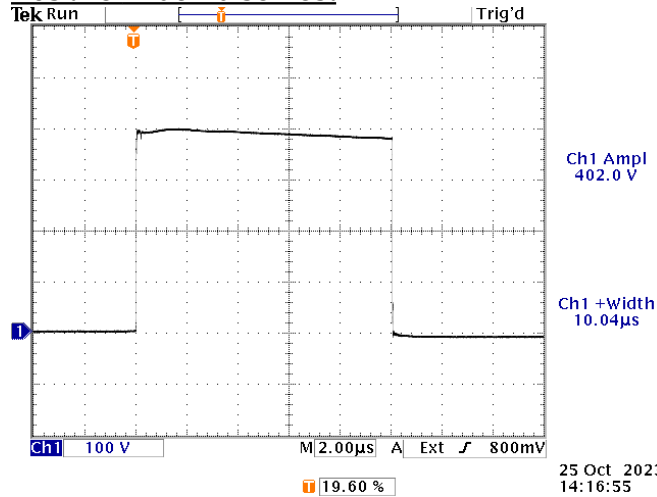
Tel: 888-670-8729 (USA & Canada)
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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-4A-B-PN-M-EA-OS200-CC1
Type: High Voltage Pulse Generator
S.N.: 14387
Date: October 25, 2023

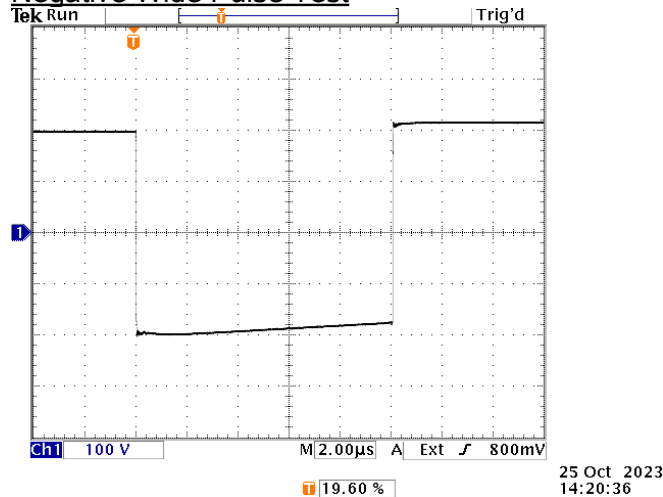
Positive Wide Pulse Test



100 Hz, 10 us, +400V into a 50Ω load.

- a) Output Signal Amplitude: up to ±400V
- b) Pulse Width (FWHM): 150 ns - 10 us,
0.5% max. duty cycle
- c) Rise Time (20%-80%): < 5 ns
- d) Fall Time (20%-80%): < 5 ns
- e) PRF: 1 Hz - 10 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Negative Wide Pulse Test



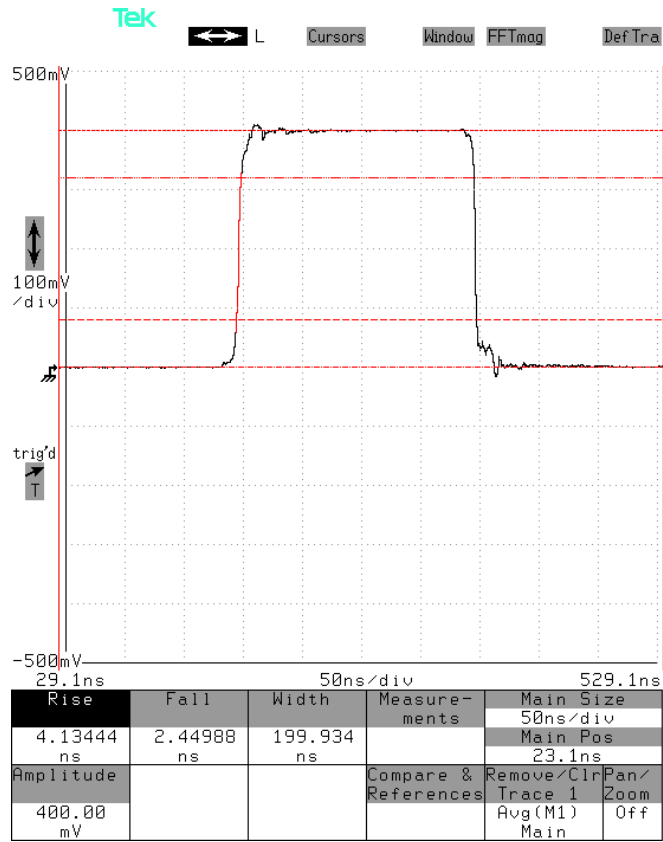
100 Hz, 10 us, -400V, with a +200V DC offset,
into a load consisting of a 10uF DC blocking
capacitor in series with 50Ω.

Reference levels: 20%, 80%.

Positive Narrow Pulse Test

10 kHz, 200 ns, +400V,

50 ns/div. 100 V/div (100 mV/div × 60 dB):



Negative Narrow Pulse Test

10 kHz, 200 ns, -400V,

50 ns/div. 100 V/div (100 mV/div × 60 dB):

