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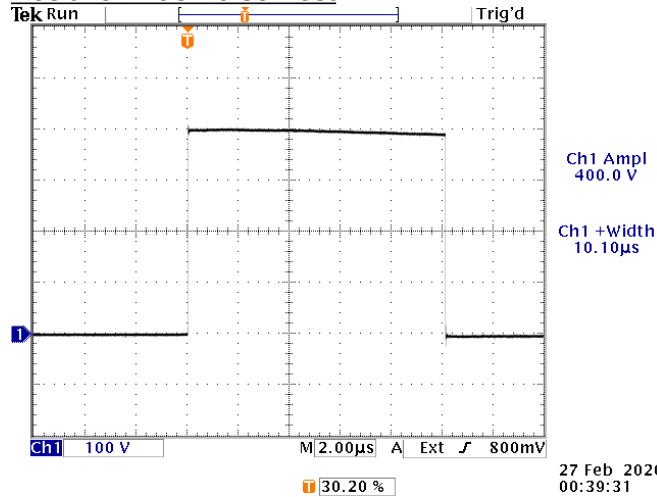
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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVRF-4A-B-PN-AC22  
Type: High Voltage Pulse Generator  
S.N.: 13960  
Date: March 3, 2020

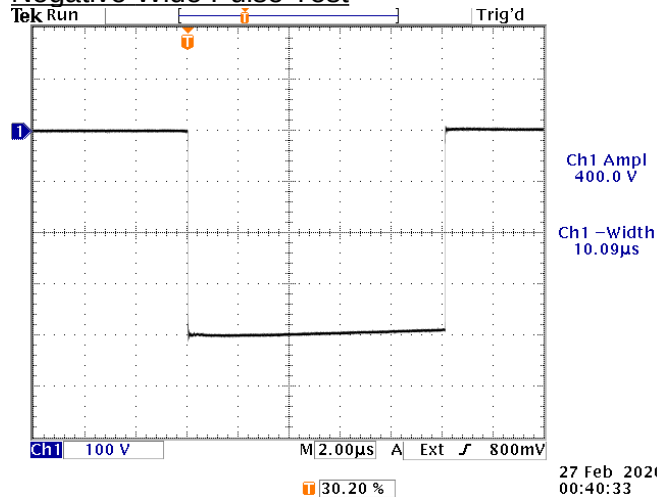
Positive Wide Pulse Test



500 Hz, 10 us, +400V into a 50Ω load.  
100 V/div, 2 us/div.

- 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



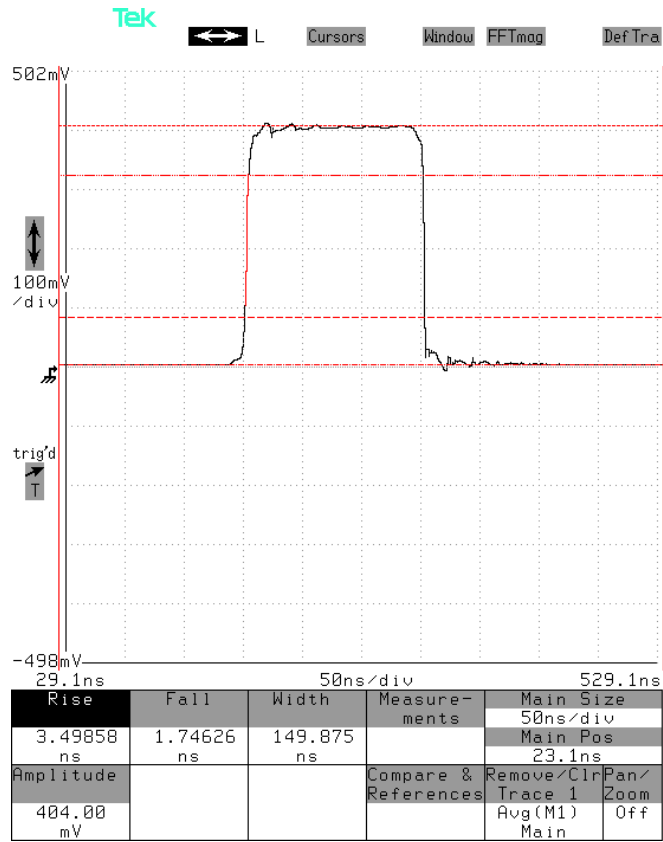
500 Hz, 10 us, -400V into a 50Ω load.  
100 V/div, 2 us/div.

Reference levels: 20%, 80%.

### Positive Narrow Pulse Test

10 kHz, 150 ns, +400V,

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



### Negative Narrow Pulse Test

10 kHz, 150 ns, -400V,

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

