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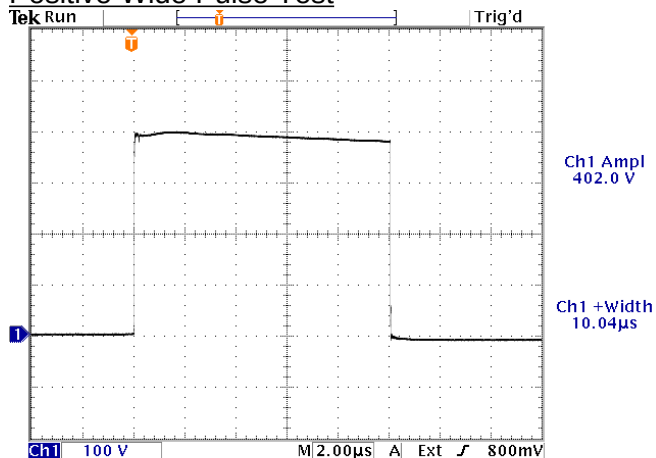
Tel: 888-670-8729 (USA & Canada)  
or +1-613-686-6675 (Worldwide)

BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

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

Positive Wide Pulse Test



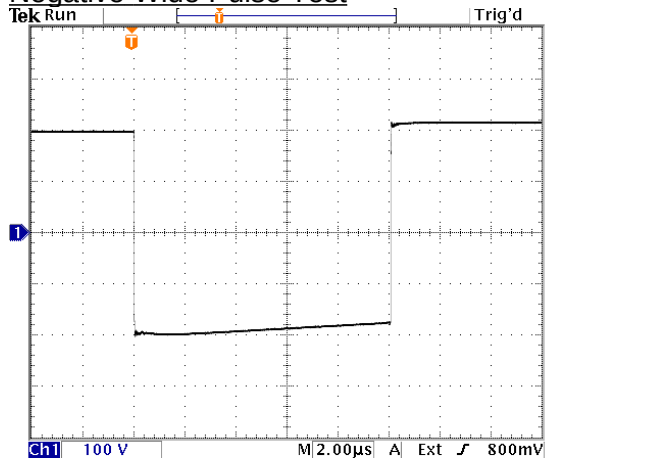
100 Hz, 10 us, +400V into a 50Ω load.

25 Oct 2023  
14:16:55

- 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.

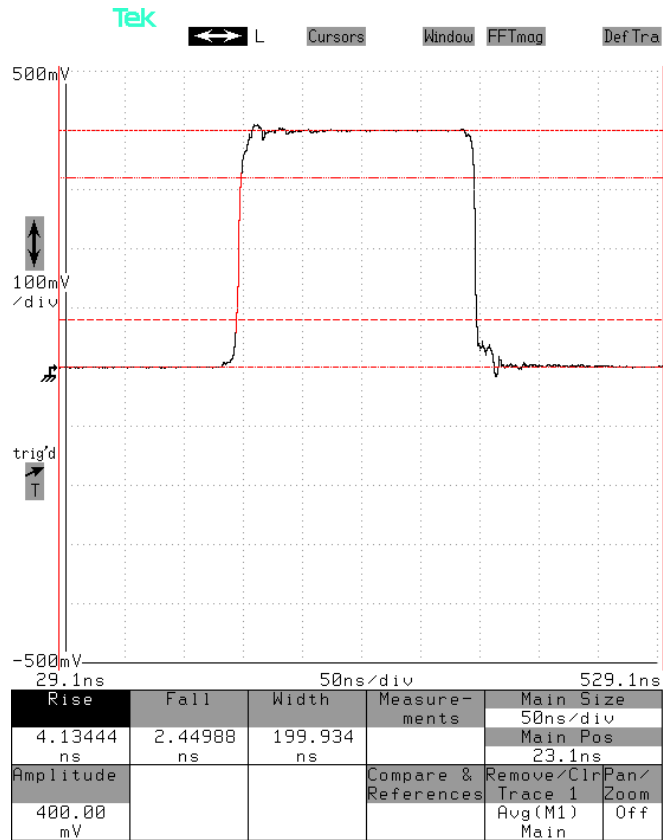
25 Oct 2023  
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Reference levels: 20%, 80%.

### 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):

