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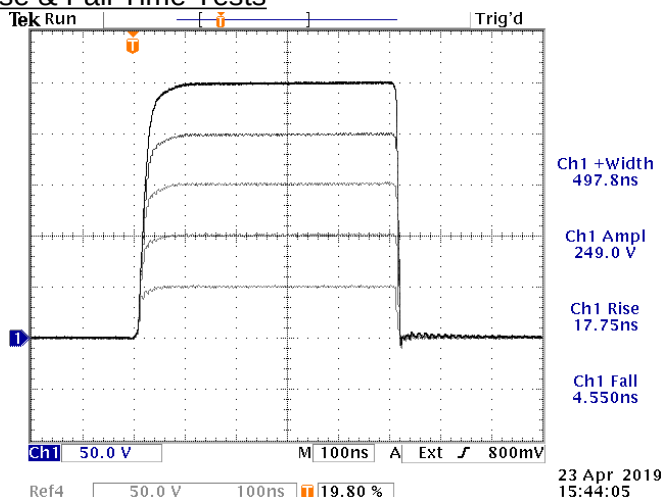
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

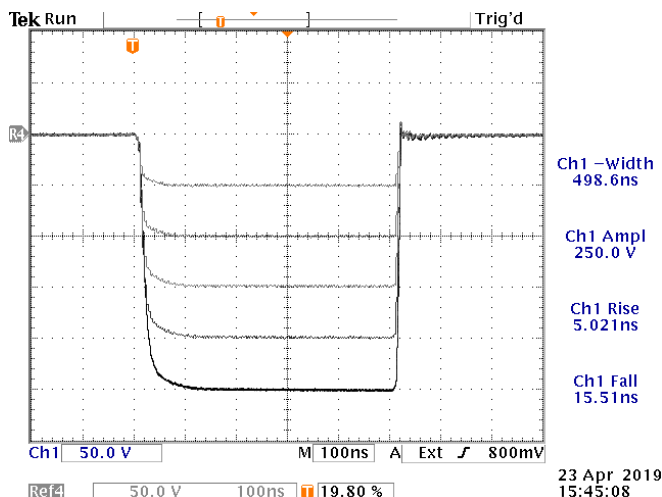
Model: AVR-3HF-B-PN-UWA  
Type: High Voltage Pulse Generator  
S.N.: 13848 (modified)  
Date: April 23, 2019

Rise & Fall Time Tests



10 Hz, 500 ns, +50 / +100 / +150 / +200 / +250 V  
into a 50Ω load. 50 V/div, 100 ns/div.

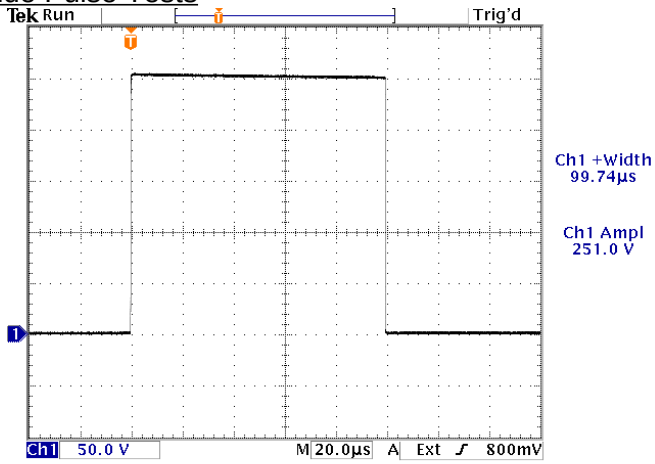
- a) Output Signal Amplitude: up to ±250V
- b) Pulse Width (FWHM): 100 ns - 100 us, 4% duty cycle
- c) Rise Time (20%-80%): < 25 ns
- d) Fall Time (20%-80%): < 25 ns
- e) PRF: 1 Hz - 100 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.



10 Hz, 500 ns, -50 / -100 / -150 / -200 / -250 V  
into a 50Ω load. 50 V/div, 100 ns/div.

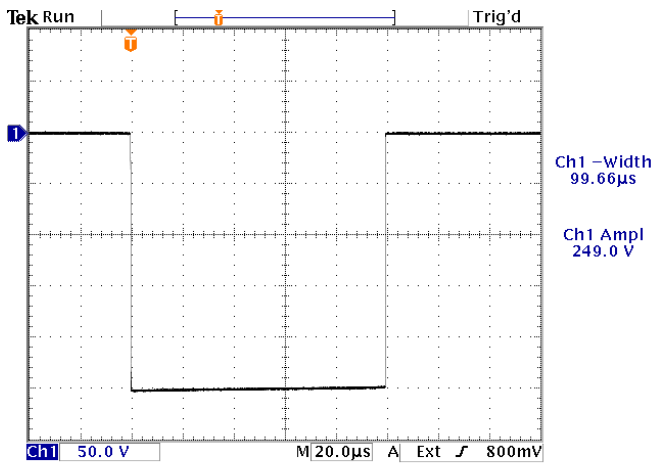
References levels: 20%, 80%.

## Wide Pulse Tests



23 Apr. 2019  
15:46:21

10 Hz, 100 us, +250V into a 50Ω load.  
50 V/div, 20 us/div.



23 Apr. 2019  
15:46:44

10 Hz, 100 us, -250V into a 50Ω load.  
50 V/div, 20 us/div.