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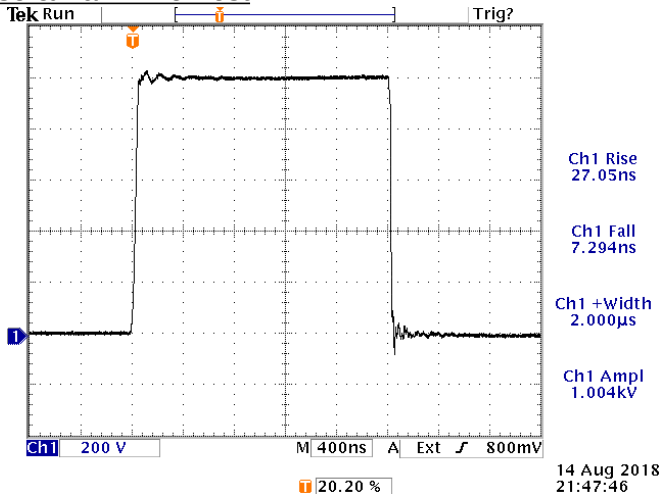
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AVR-8F-B-P-ADPT1
Type: High Voltage Pulse Generator
S.N.: 13781
Date: August 15, 2018

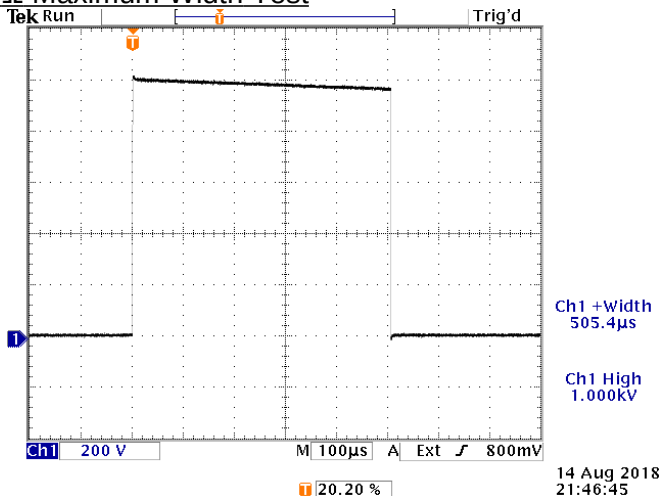
Rise & Fall Time Test



1 kHz, 2 us, +1 kV into a 50Ω load.
200 V/div, 400 ns/div.

- a) Output Signal Amplitude: up to +1000V
- b) Pulse Width (FWHM): 100 ns - 1 sec
- c) Rise Time (20%-80%): < 50 ns
- d) Fall Time (20%-80%): < 50 ns
- e) PRF: 1 Hz - 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

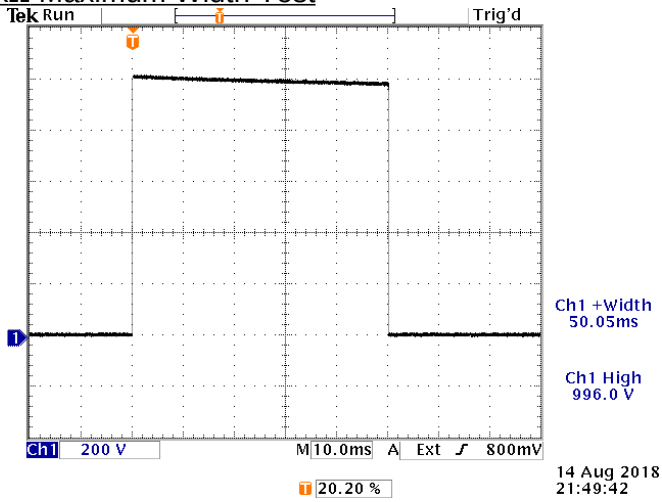
50Ω Maximum Width Test



4 Hz, 500 us, +1 kV into a 50Ω load.
200 V/div, 100 us/div.

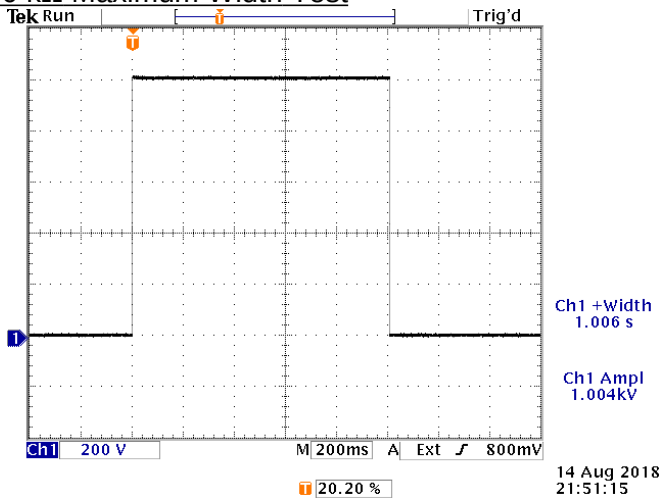
References levels: 20%, 80%.

5 kΩ Maximum Width Test



4 Hz, 50 ms, +1 kV into a 5 kΩ load.
200 V/div, 10 ms/div.

100 kΩ Maximum Width Test



0.5 Hz, 1 sec, +1 kV into a 100 kΩ load.
200 V/div, 200 ms/div.