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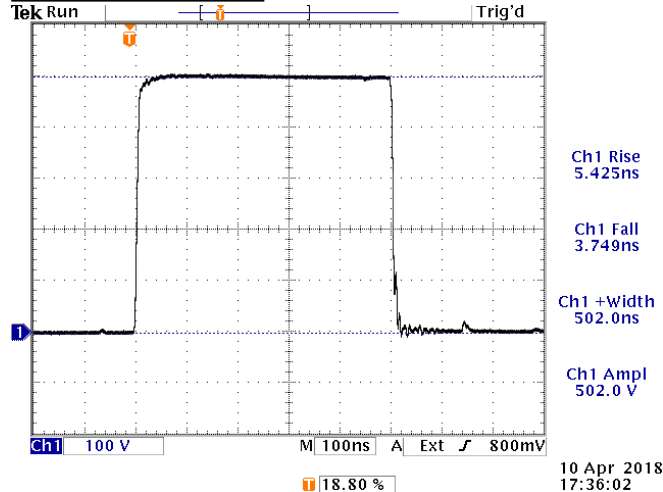
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AVRZ-5W-B-PN-LVA
Type: High-Speed, High-Voltage Pulse Generator
S.N.: 13705
Date: April 11, 2018

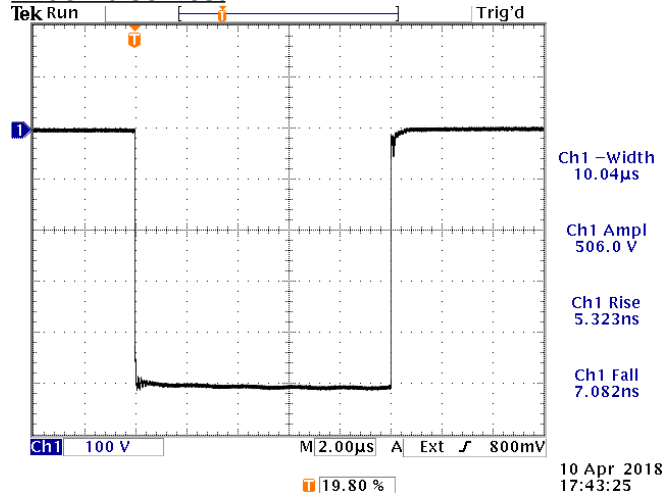
Rise/Fall Time Test



+500V, 50Ω load, PW = 500 ns.
100 V/div, 100 ns/div.

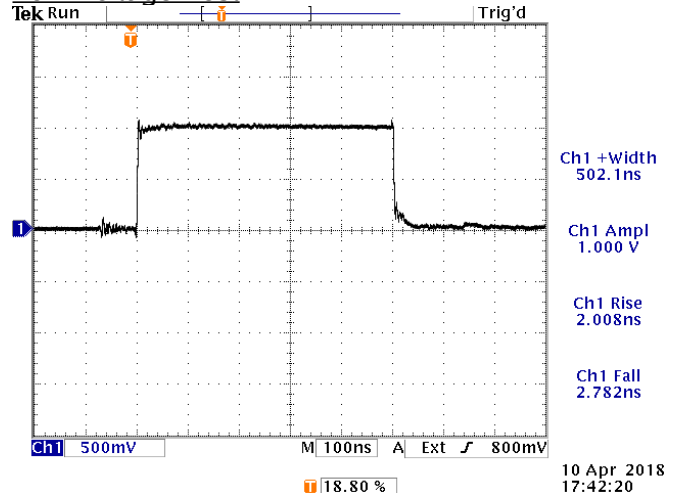
- a) Output Signal Amplitude: up to ±500V, to 50Ω
- b) Pulse Width: 15 ns - 10 us,
- c) Rise Time (20%-80%): < 6 ns (> +250V)
< 4 ns (0 to +250V)
(~ 3 ns longer for -)
- d) Fall Time (80%-20%): < 4 ns (0 to +500V)
(~ 3 ns longer for -)
- e) PRF: 1 Hz - 5 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz

Wide Pulse Test



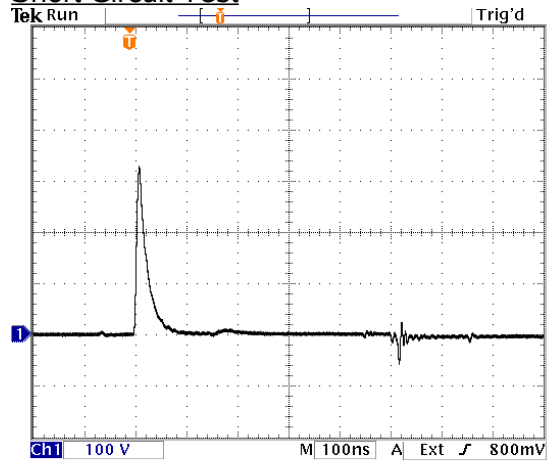
-500V, 50Ω load, PW = 10 us, PRF = 100 Hz.
100 V/div, 2 us/div.

Low Voltage Test



+1V, 50Ω load, PW = 500 ns.
500 mV/div, 100 ns/div.

Short Circuit Test



Reference levels: 20%, 80%.

10 Apr 2018
17:38:52
18.80 %
500 ns, +500V into a 50Ω load shorted with a 12”
length of patch cord. 100 V/div, 100 ns/div.