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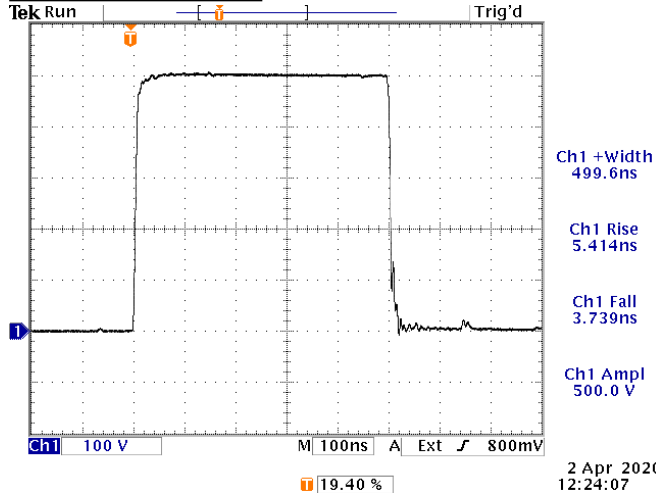
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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVRZ-5W-B-PN-LVA-CC1-ID1-AC02-711S  
Type: High-Speed, High-Voltage Pulse Generator  
S.N.: 13973  
Date: April 2, 2020

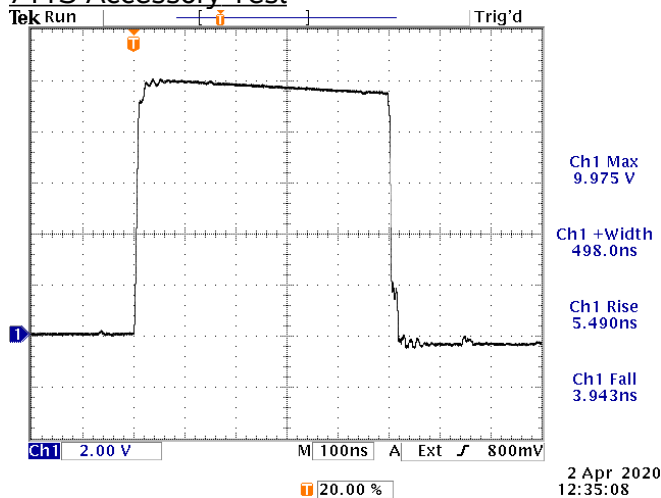
Rise/Fall Time Test



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

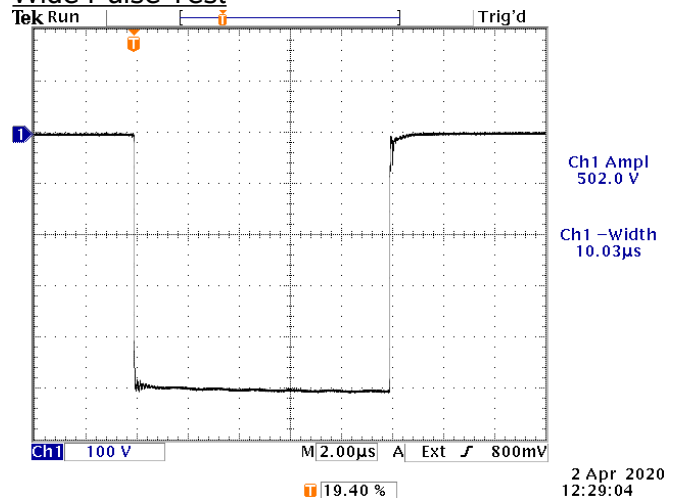
- a) Output Signal Amplitude: up to ±500V, to 50Ω
- b) Pulse Width: 15 ns - 10 us,
- c) Rise Time (20%-80%): < 6 ns (> +250V)  
< 4 ns (0 to +250V)  
(~ 3 ns longer for -)
- d) Fall Time (80%-20%): < 4 ns (0 to +500V)  
(~ 3 ns longer for -)
- e) PRF: 1 Hz - 5 kHz
- f) Jitter, Stability: OK
- g) Prime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

711S Accessory Test



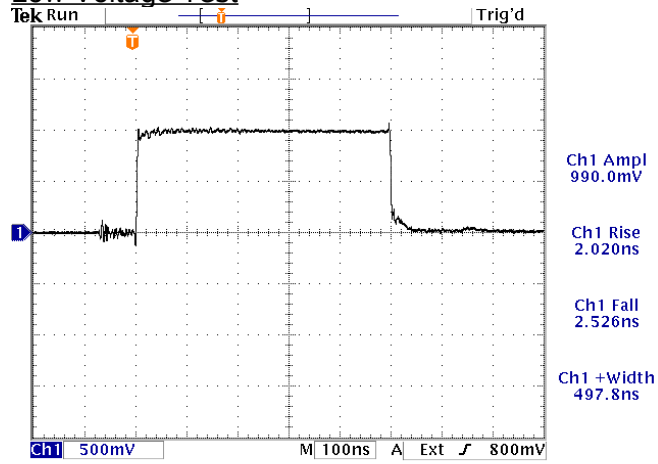
As above, but measured with the included 711S current probe. 2A/div, 100 ns/div. The AC-coupled nature of the probe introduces droop on the measured (but not actual) current waveform.

Wide Pulse Test



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

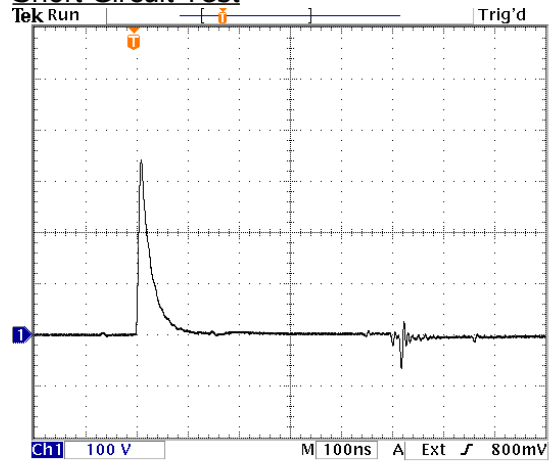
### Low Voltage Test



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

2 Apr 2020  
12:27:35

### Short Circuit Test



500 ns, +500V into a 50Ω load shorted with a 12” length of patch cord. 100 V/div, 100 ns/div.

2 Apr 2020  
12:26:20

Reference levels: 20%, 80%.