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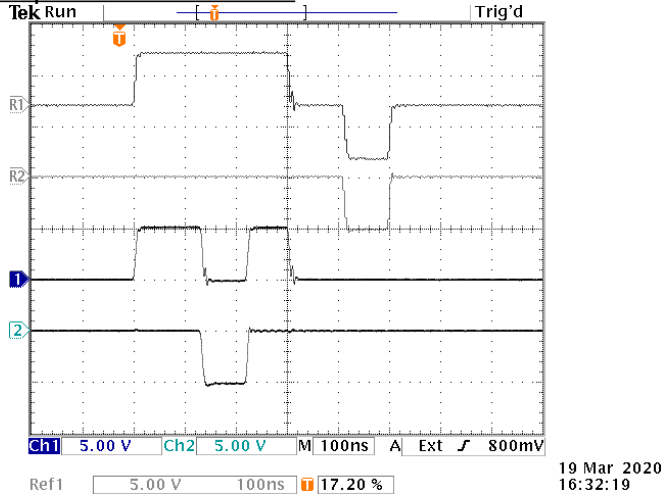
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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-1023-C-R5-ATA3
Type: General-Purpose Dual-Channel Pulse Generator
S.N.: 13964
Date: March 24, 2020

Complex Waveform Test



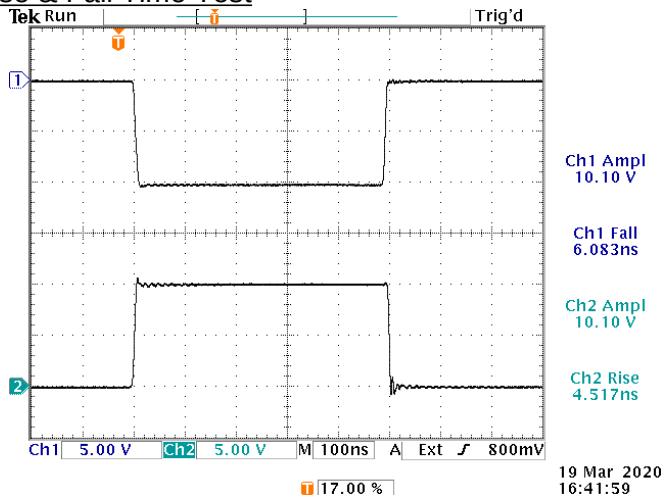
Waveforms, Top to Bottom:

- 1) A+B, A has +5V amplitude, B has -5V ampl.
- 2) B
- 3) Same as 1, but with B delay reduced
- 4) Same as 2, but with B delay reduced

All: 5V/div, 100 ns/div. R_{LOAD} = 50Ω, Z_{OUT} = 50Ω

- a) Output Signal Amplitude: up to ±10V
- b) Pulse Width (FWHM): 50 ns - 500 ms
- c) Rise Time (20%-80%): < 10 ns
- d) Fall Time (80%-20%): < 10 ns
- e) PRF: 1 Hz - 10 MHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz

Rise & Fall Time Test



Top: OUT A, > -10V to 50Ω. 5 V/div, 100 ns/div.
Bottom: OUT B, > +10V to 50Ω. 5 V/div, 100 ns/div.