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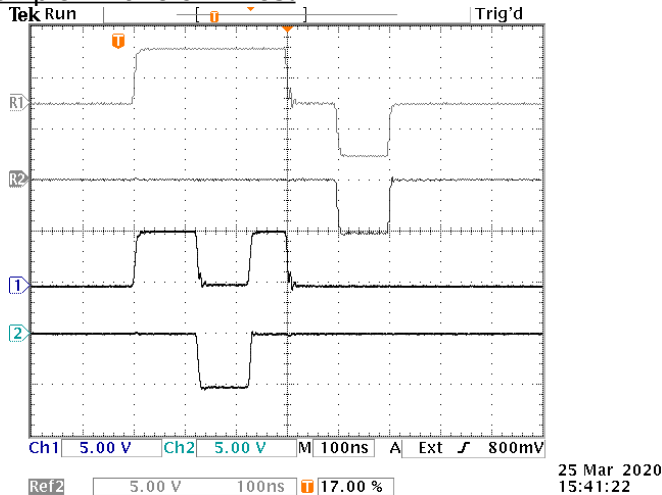
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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-1023-C-R5-ATA3  
Type: General-Purpose Dual-Channel Pulse Generator  
S.N.: 13967  
Date: March 25, 2020

Complex Waveform Test



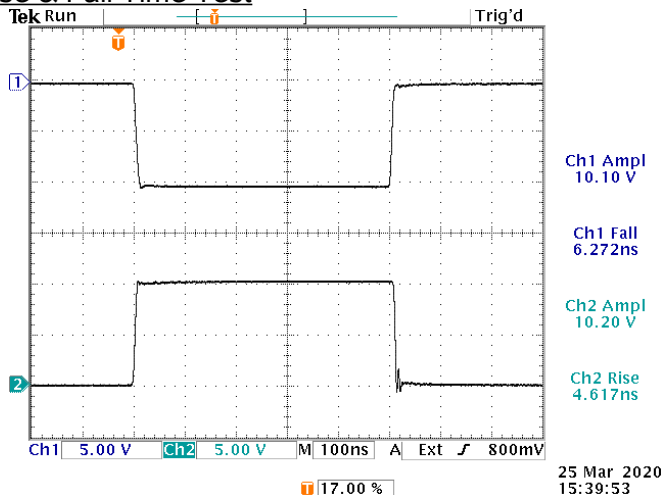
- a) Output Signal Amplitude: up to  $\pm 10V$
- b) Pulse Width (FWHM): 50 ns - 500 ms
- c) Rise Time (20%-80%): < 10 ns
- d) Fall Time (80%-20%): < 10 ns
- e) PRF: 1 Hz - 10 MHz
- f) Jitter, Stability: OK

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.  $R_{LOAD} = 50\Omega$ ,  $Z_{OUT} = 50\Omega$

Rise & Fall Time Test



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