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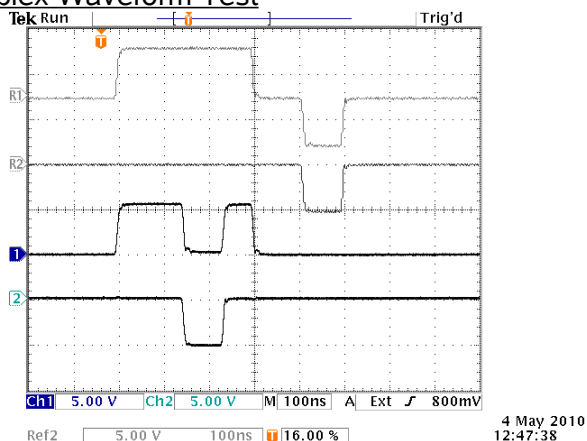
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AV-1023-C
Type: General-Purpose Dual-Channel Pulse Generator
S.N.: 12422
Date: May 4, 2010

Complex Waveform Test



a) Output Signal Amplitude: 0 to ±10V

b) Pulse Width: 50 ns - 500 ms

c) Rise Time: < 10 ns

d) Fall Time: < 10 ns

e) PRF: 1 Hz - 10 MHz

Waveforms, Top to Bottom:

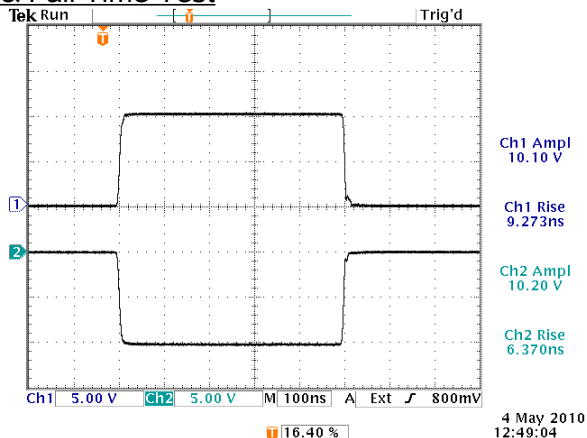
- 1) A+B, A has +5V amplitude, B has -5V ampl.
- 2) B
- 3) Same as 1, but with B delay reduced
- 4) Same as 2, but with B delay reduced

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

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.

Reference levels: 10%, 90% used for rise time measurements in waveforms