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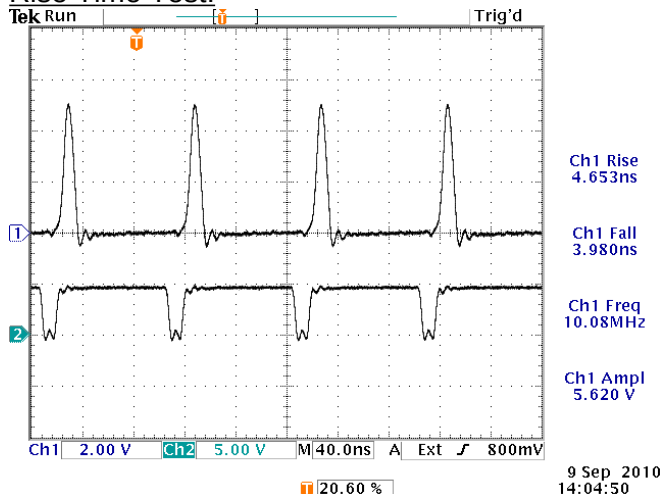
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AV-1000-C  
Type: General-Purpose Pulse Generator  
S.N.: 12513  
Date: September 9, 2010

Rise Time Test:



Top: +5V into 50Ω, 10 MHz, 2 V/div, 40 ns/div.  
Bottom: NOT TTL OUT, 5 V/div, 40 ns/div.

a) Output Signal Amplitude: 0 to ±10V, plus TTL and ECL outputs.

b) DC Offset: 0 to ±10V

c) Pulse Width (FWHM): 10 ns - 1 s

d) Rise Time (20%-80%): 5 ns - 1 ms

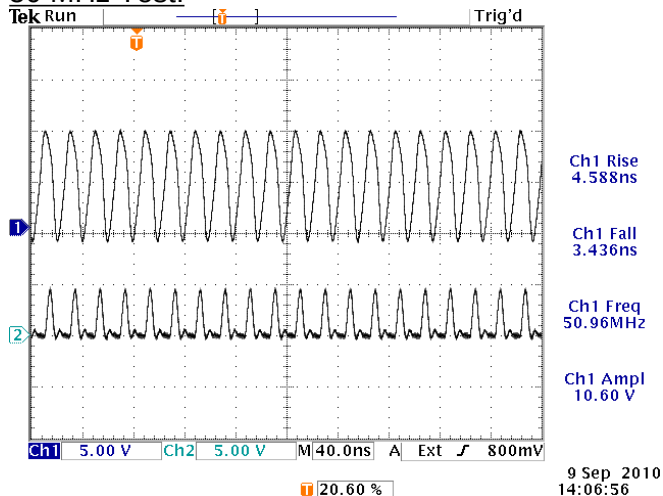
e) Fall Time (80%-20%): 5 ns - 1 ms

f) PRF: 1 Hz - 50 MHz

g) Jitter, Stability: OK

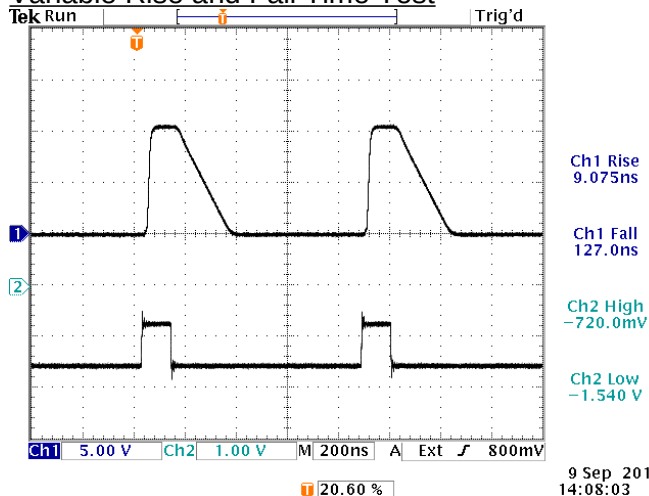
h) Prime Power: 100-240V AC, 50-60 Hz.

50 MHz Test:



Top: +10V into 50Ω, 5 V/div, 40 ns/div.  
Bottom: TTL OUT, 5 V/div, 40 ns/div.

Variable Rise and Fall Time Test



Top: +10V into 50Ω, 5 V/div, 200 ns/div.  
Bottom: ECL OUT, 1 V/div, 200 ns/div.

References levels: 20%, 80%.