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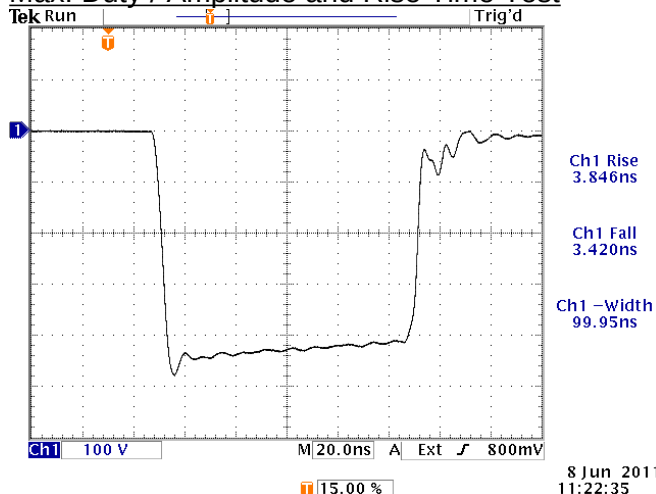
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVL-5-B-PN-R5
Type: High-Speed High-Voltage Pulse Generator
S.N.: 12651
Date: June 8, 2011

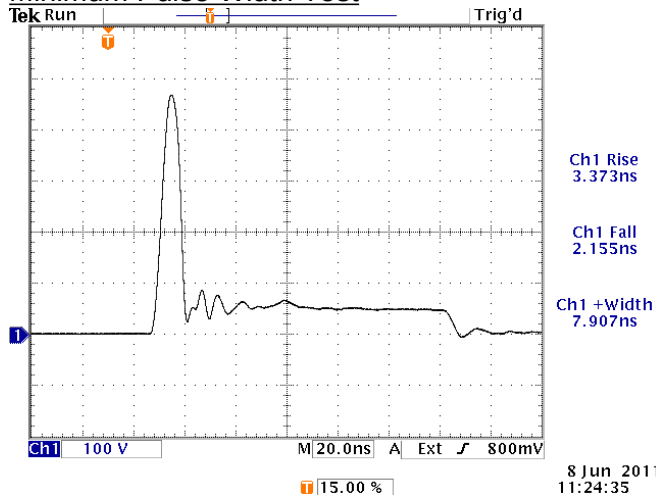
Max. Duty / Amplitude and Rise Time Test



- a) Output Signal Amplitude: up to $\pm 450V$
- b) Pulse Width (FWHM) : 8 – 100 ns
- c) Rise Time (20%-80%): < 4 ns
- d) Fall Time (80%-20%): < 5 ns
- e) PRF: 1 Hz - 2 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

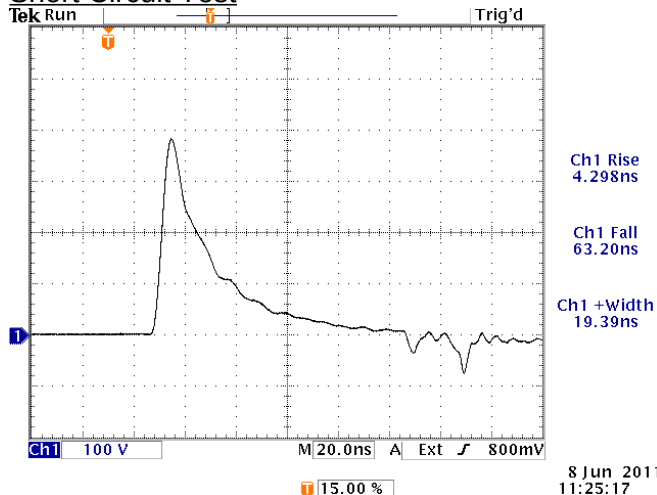
2 kHz, 100 ns, -450V into a 50Ω load.
100 V/div, 20 ns/div.

Minimum Pulse Width Test



2 kHz, 8 ns, +450V into a 50Ω load.
100 V/div, 20 ns/div.

Short Circuit Test



10 Hz, 100 ns, +450V into a 50Ω load shorted
with a 12" length of patch cord.
200 V/div, 20 ns/div.

Reference levels: 20%, 80%.