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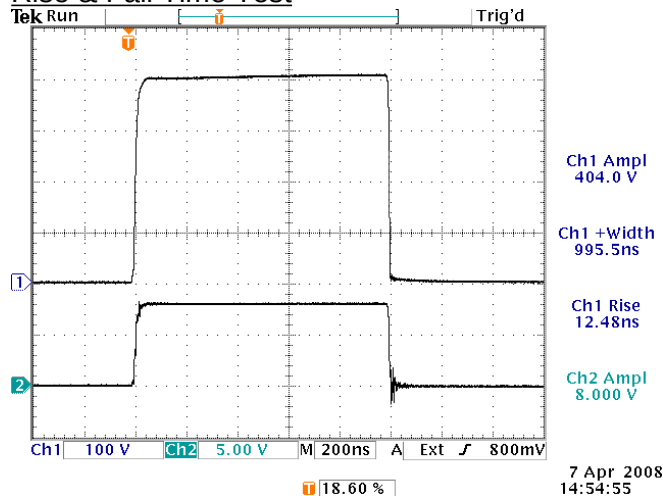
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVR-4-B-TNT-BR-PN-CT-KMP5
Type: High-Voltage Pulse Generator
S.N.: 11943
Date: April 7, 2008

Rise & Fall Time Test

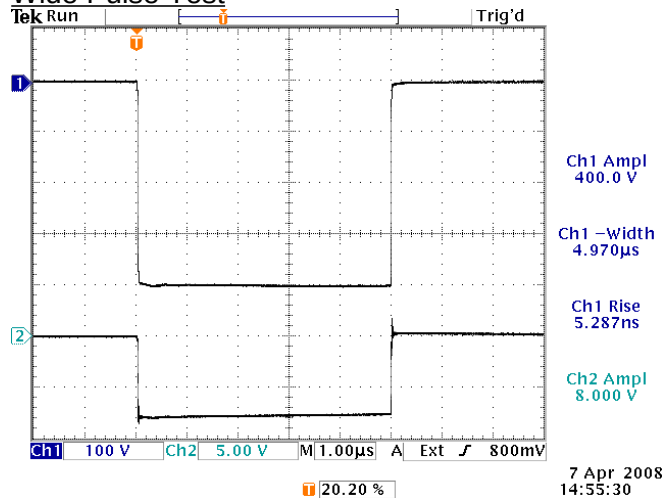


Top: 10 Hz, 1 us, +400V into a 50Ω load.
Bottom: Current monitor output into a 50Ω load.

- a) Output Signal Amplitude: 0 to ±400V
- b) Pulse Width (FWHM): 100 ns – 5 us
- c) Rise Time (20%-80%): < 20 ns
- d) Fall Time (80%-20%): < 20 ns
- e) PRF: 1 Hz – 10 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

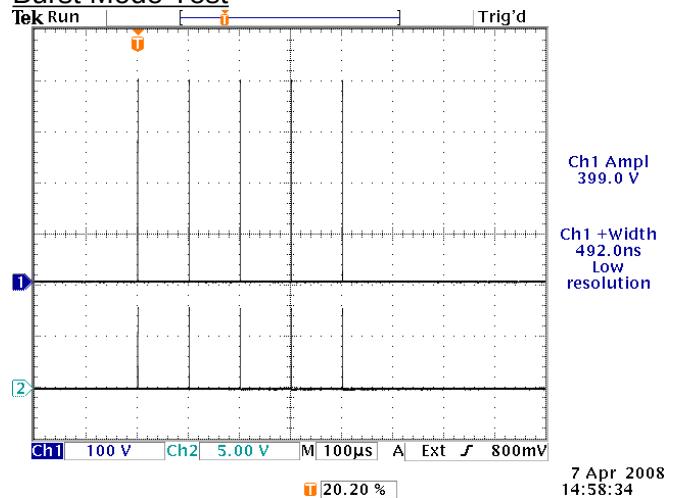
Reference levels: 20%, 80%.

Wide Pulse Test



Top: 10 Hz, 5 us, -400V into a 50Ω load.
Bottom: Current monitor output into a 50Ω load.

Burst Mode Test



Top: Burst of 5, 500 ns, 400V into a 50Ω load.
Bottom: Current monitor output into a 50Ω load.