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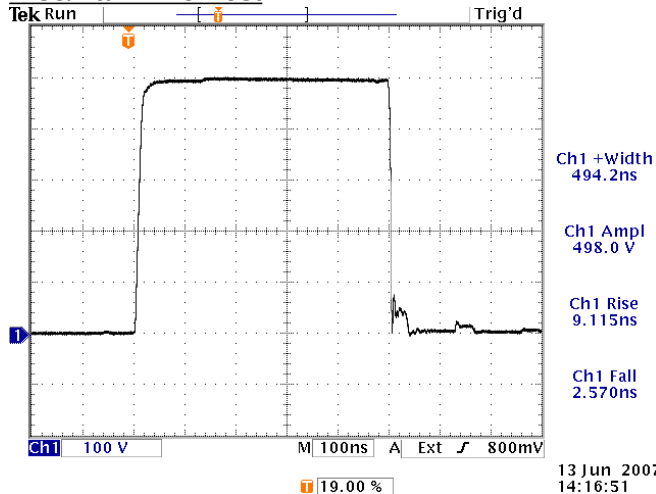
BOX 5120, LCD MERIVALE OTTAWA, ONTARIO CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVRZ-5W-B
Type: High-Voltage High-Speed Pulse Generator
S.N.: 11747
Date: June 13, 2007

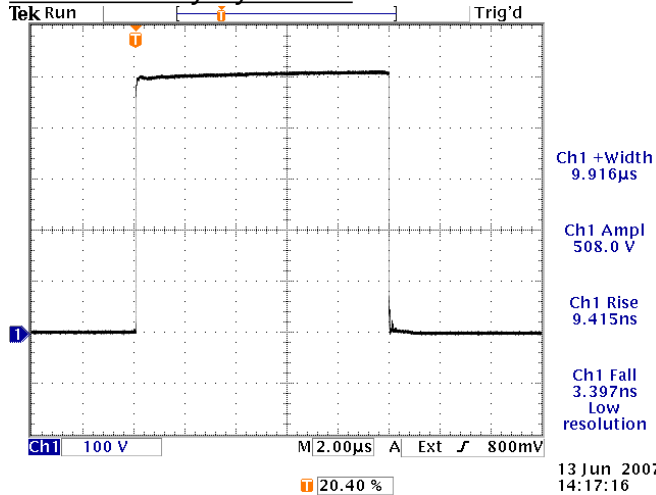
Rise/Fall Time Test



+500V, 50Ω load, PW = 500 ns. 100 V/div, 100 ns/div.

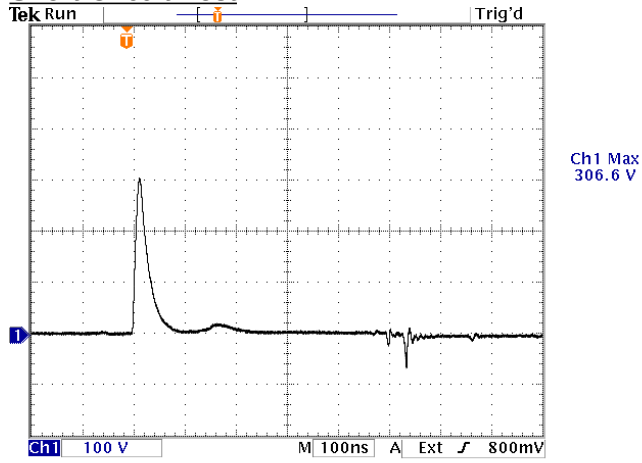
- a) Output Signal Amplitude: 0 to +500V, to 50Ω
b) Pulse Width: 15 ns - 10 us, 0.1% duty cycle
c) Rise Time (20%-80%): < 10 ns
d) Fall Time (80%-20%): < 5 ns
e) PRF: 1 Hz - 5 kHz
f) Jitter, Stability: OK

Maximum Duty Cycle Test



+500V, 50Ω load, PW = 10 us, PRF = 100 Hz. 100 V/div, 2 us/div.

Short Circuit Test



500 ns, +500V into a 50Ω load shorted with a 12" length of patch cord. 100 V/div, 100 ns/div.

Reference levels: 20%, 80%.