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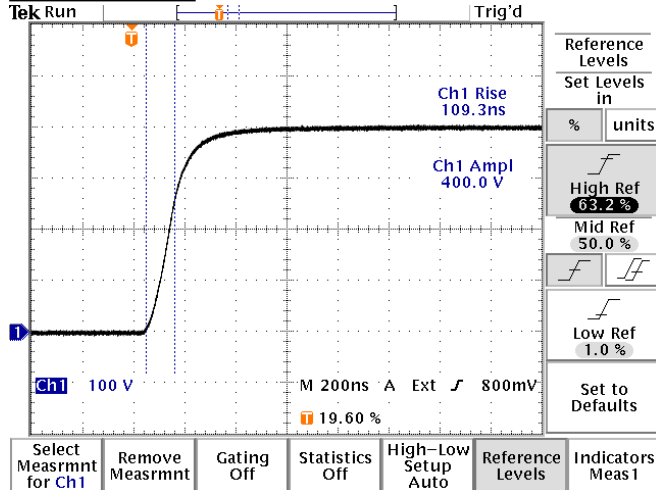
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVR-8A-B-PN-EVC
Type: High-Voltage Phototriac dV/dt Test System
S.N.: 11812
Date: August 29, 2007

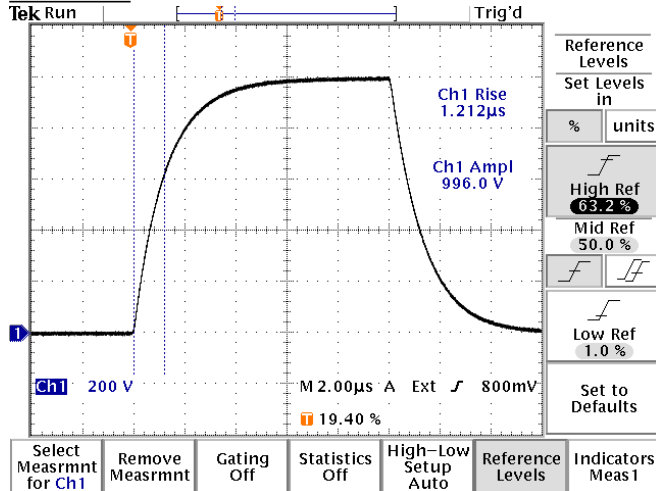
> 2 kV/us Test



- a) Output Signal Amplitude: 0 to ±1000V
- b) Pulse Width (FWHM): 500 ns - 200 us
- c) Rise Time (20%-80%): < 100 ns
at mainframe OUT
- d) Fall Time (80%-20%): < 100 ns
at mainframe OUT
- e) PRF: 1 Hz - 400 Hz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

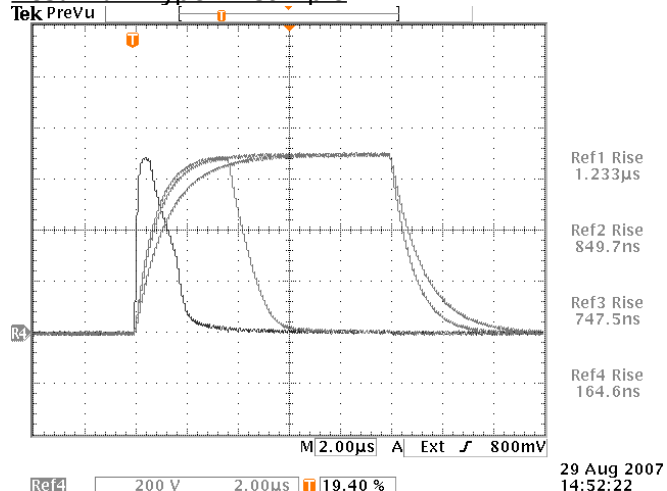
+400V pulse, with "T" control at minimum. 100 V/div, 200 ns/div. 10 Hz, 10 us PW. No DUT.

1 kV Test



+1 kV pulse, with "T" control at maximum. 200 V/div, 2 us/div. 10 Hz, 10 us PW. No DUT.

Test with "Type F" sample



+700V, varying "T" from maximum to minimum. The phototriac collapses around T ≈ 0.8 us, or dV/dt ≈ 550 V/us.