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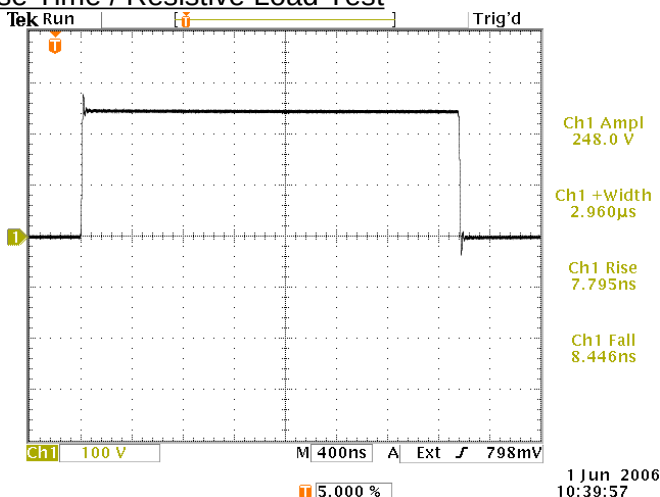
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BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4
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PERFORMANCE CHECKSHEET

Model: AVR-G1-C-P-EMRA
Type: High-Voltage Pulse Generator
S.N.: 10326 (repair / upgrade)
Date: June 1, 2006

Rise Time / Resistive Load Test



OUT, 10 kHz, 3 us, maximum amplitude, into 1.6 kΩ.
100V V/div, 400 ns/div.

a) Output Signal Amplitude: 0 to +240V

b) Pulse Width (FWHM): 3 – 30 us

c) Rise Time (20%-80%): < 10 ns

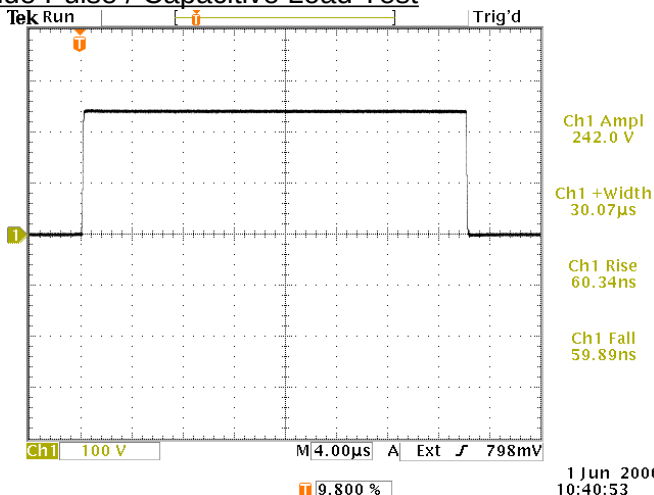
d) Fall Time (80%-20%): < 20 ns

e) PRF: 1 – 10 kHz

f) Jitter, Stability: OK

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

Wide Pulse / Capacitive Load Test



OUT, 10 kHz, 30 us, maximum amplitude, into 1.6 kΩ in
parallel with 1000 pF. 100V V/div, 400 ns/div.

References levels: 20%, 80%.