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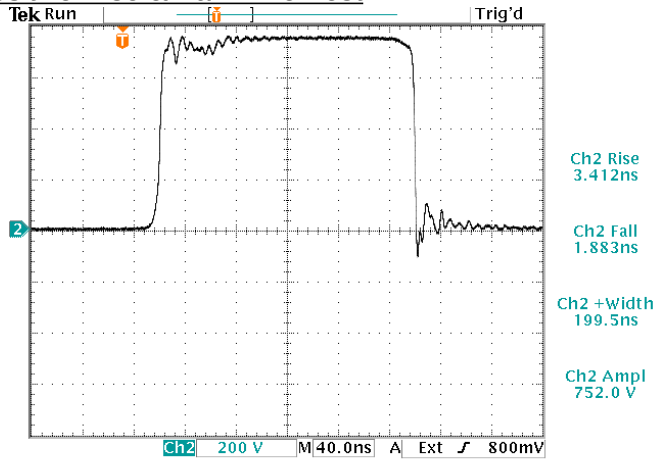
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVRF-7A-B-PN-BUA
Type: High Speed, High Voltage Pulse Generator
S.N.: 12296
Date: October 15, 2009

Positive Rise & Fall Time Test



10 Hz, 200 ns, +750V into a 50Ω load.
200 V/div, 40 ns/div.

15 Oct 2009
13:21:43

a) Output Signal Amplitude: 0 to ±750V

b) Pulse Width (FWHM): 100 ns - 10 us

c) Rise Time (20%-80%): < 7.5 or 9 ns

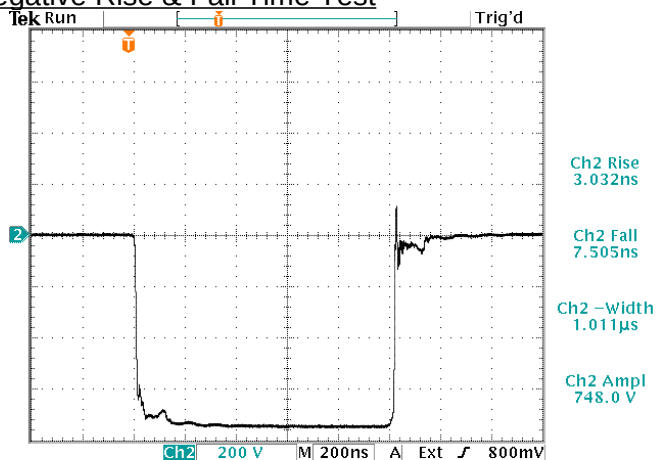
d) Fall Time (20%-80%): < 7.5 or 9 ns

e) PRF: 1 Hz - 10 kHz

f) Jitter, Stability: OK

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

Negative Rise & Fall Time Test

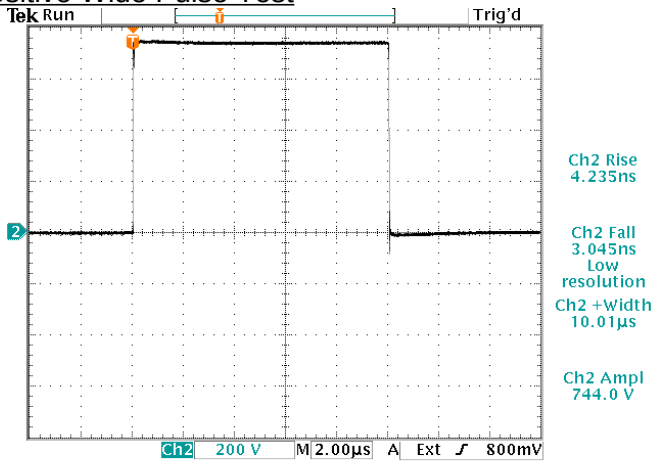


10 Hz, 1 us, -750V into a 50Ω load.
200 V/div, 200 ns/div.

15 Oct 2009
13:25:20

References levels: 20%, 80%.

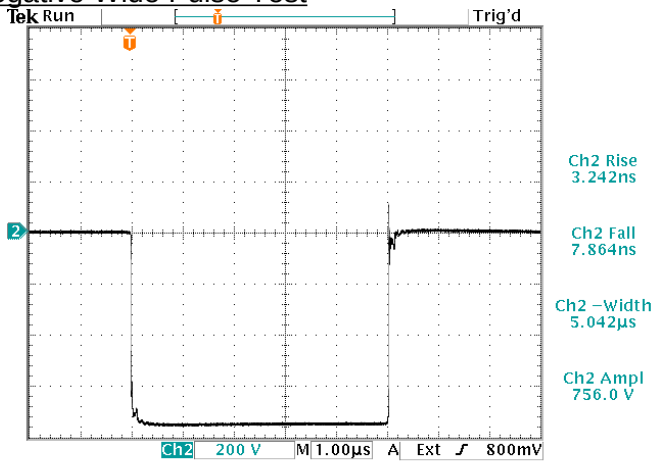
Positive Wide Pulse Test



15 Oct. 2009
13:24:49

10 Hz, 10 us, +750V into a 50Ω load.
200 V/div, 2 us/div.

Negative Wide Pulse Test



15 Oct. 2009
13:24:08

10 Hz, 5 us, -750V into a 50Ω load.
200 V/div, 1 us/div.