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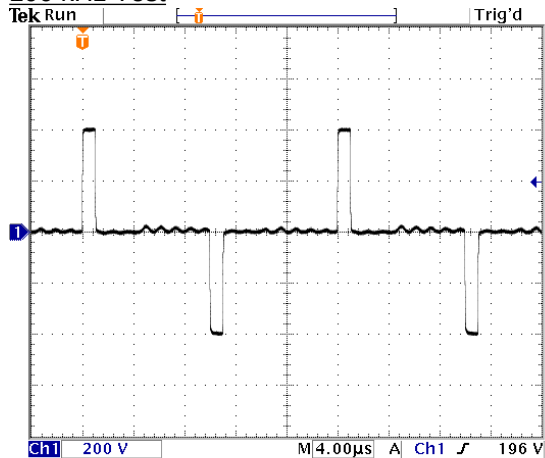
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVR-GHV4-B-PN-SCHA
Type: High-Voltage Bipolar Pulse Generator
S.N.: 12251
Date: April 4, 2006

100 kHz Test

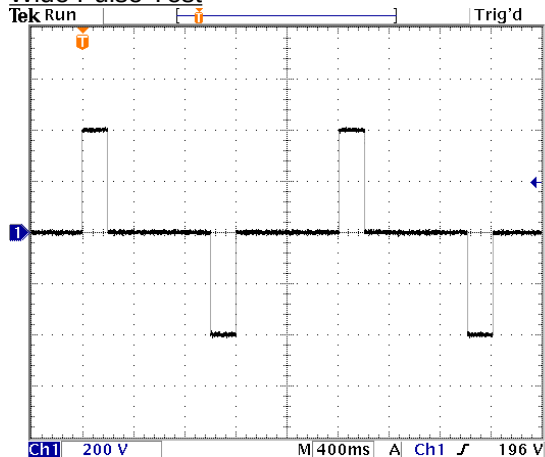


17 Apr 2009
14:00:23

100 kHz, 1 us PW, +/- 400V, into 4 feet of coaxial cable terminated with a 100 kΩ load. 200V/div, 4 us/div.

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

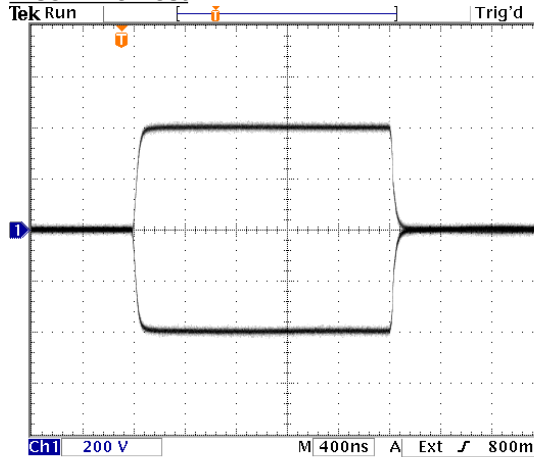
Wide Pulse Test



17 Apr 2009
14:02:17

1 Hz, 200 ms PW, +/- 400V, into 4 feet of coaxial cable terminated with a 100 kΩ load. 200V/div, 400 ms/div.

Rise Time Test



Ch1 Rise
38.87ns
Ch1 Fall
30.35ns
Ch1 +width
2.007µs
Ch1 Ampl
400.0 V

17 Apr 2009
13:54:48

10 kHz, 2 us PW, +/- 400V, into 4 feet of coaxial cable terminated with a 100 kΩ load. 200V/div, 400 ns/div.