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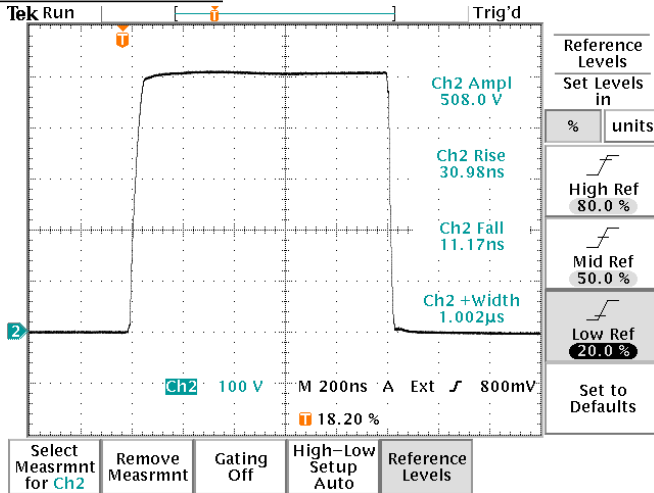
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVR-GHV1-B-P
Type: High Voltage Pulse Generator
S.N.: 11554
Date: July 13, 2006

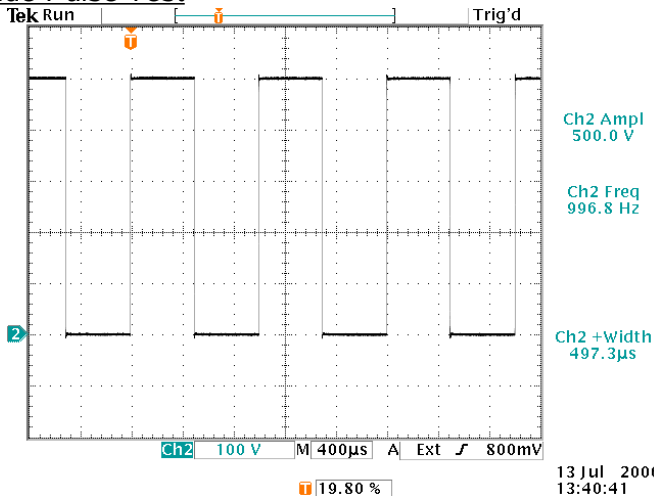
Rise/Fall Time Test



1 us, 1 kHz, +500V into a 100 kΩ load at the end of a 1.5 m / 5 ft length of coaxial cable. 100 V/div, 200 ns/div.

- a) Output Signal Amplitude: 0 to +500V
- b) Pulse Width (FWHM): 200 ns - 500 ms
- c) Rise Time (20%-80%): < 40 ns
- d) Fall Time (80%-20%): < 40 ns
- e) PRF: 1 Hz – 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Wide Pulse Test



500 us, 1 kHz, +500V into 100 kΩ in parallel with 330 pF at the end of a 1.5 m / 5 ft length of coaxial cable. 100 V/div, 400 us/div.

References levels: 20%, 80%.