



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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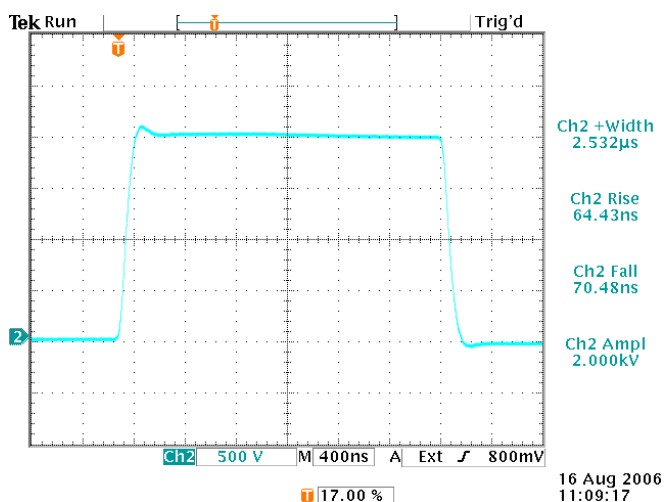
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BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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## PERFORMANCE CHECKSHEET

Model: AVRH-2-B-P  
Type: High Voltage Pulse Generator  
S.N.: 11542  
Date: August 16, 2006



1 kHz, 2.5 us, +2000V into a 10 kΩ load.  
500 V/div, 400 ns/div.

References levels: 20%, 80%.

- a) Output Signal Amplitude: 0 to +2000V, to  $R \geq 10 \text{ k}\Omega$
- b) Pulse Width (FWHM) : 200 ns – 2.5 us,
- c) Rise Time (20%-80%): < 80 ns
- d) Fall Time (80%-20%): < 80 ns
- e) PRF: 1 Hz - 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.