

# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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BOX 5120, LCD MERIVALE  
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CANADA K2C 3H4

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## PERFORMANCE CHECKSHEET

Model: AVL-2-B-PN  
Type: High-Voltage High-Speed Pulse Generator  
S.N.: 10080 (repair)  
Date: June 13, 2006

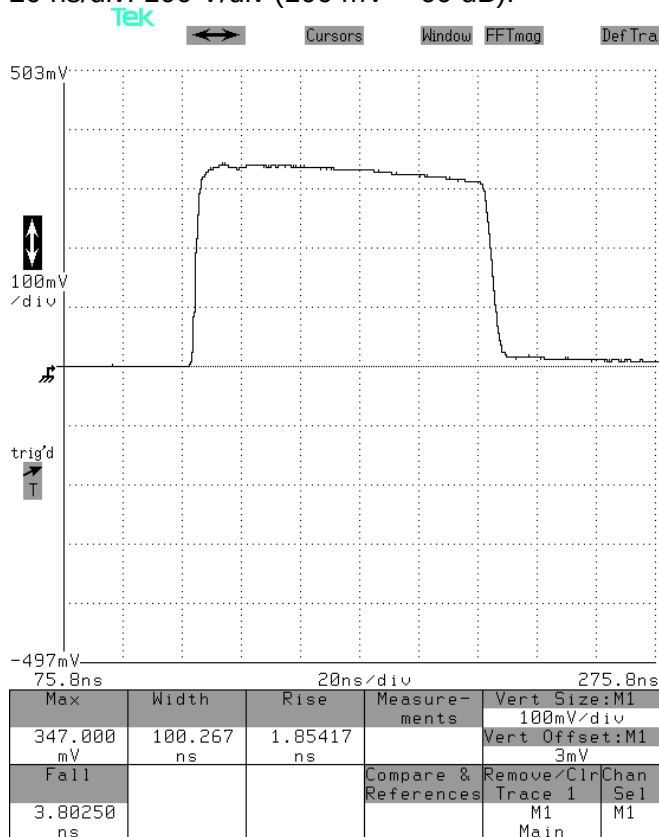
Output Amplitude: 0 to  $\pm 350V$ , to 50 $\Omega$   
Pulse Width (FWHM): 5 ns – 100 ns  
Rise Time (20%-80%):  $\leq 2$  ns  
Fall Time (80%-20%):  $\leq 4$  ns  
PRF: 1 Hz - 5 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

### Test Waveforms

At 2 kHz, 100 ns, +350V:

20 ns/div. 100 V/div (100 mV  $\times$  60 dB):



At 2 kHz, 100 ns, -350V:

20 ns/div. 100 V/div (100 mV  $\times$  60 dB):

