



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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## PERFORMANCE CHECKSHEET

Model: AVL-2-B-N  
Type: High-Voltage High-Speed Pulse Generator  
S.N.: 11698  
Date: April 18, 2007

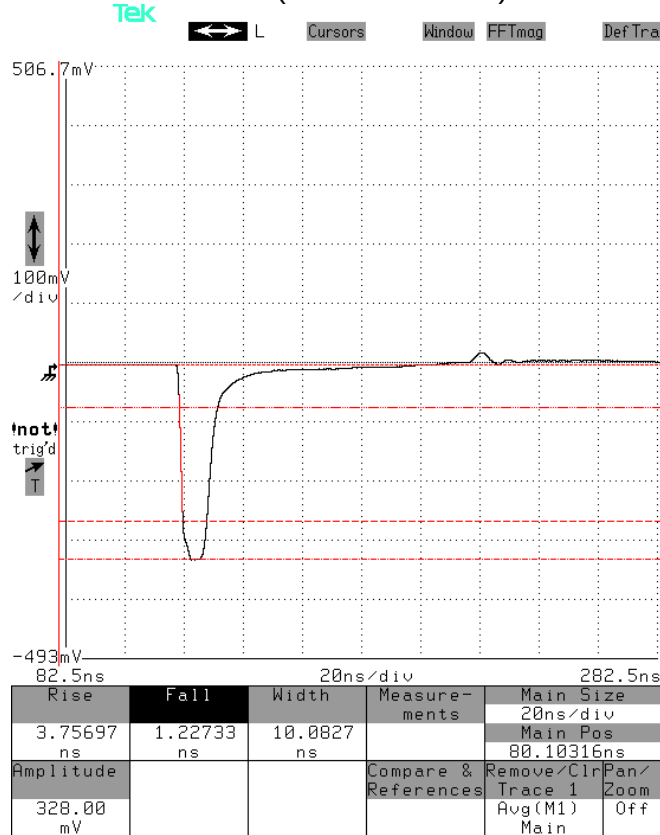
Output Amplitude: 0 to -320V, to 50Ω  
Pulse Width (FWHM): 5 ns – 100 ns  
Rise Time (20%-80%): ≤ 2 ns  
Fall Time (80%-20%): ≤ 4 ns  
PRF: 1 Hz - 5 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

### Test Waveforms

At 2 kHz, 10 ns, -320V:

20 ns/div. 100 V/div (100 mV × 60 dB):



At 2 kHz, 100 ns, -320V:

20 ns/div. 100 V/div (100 mV × 60 dB):

