



# 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: AVI-V-B-OS-PN  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12281  
Date: July 29, 2009

Output Amplitude: up to  $\pm 50V$ , to  $50\Omega$   
Pulse Width (FWHM): 2 - 100 ns  
Rise Time (20%-80%):  $\leq 350$  ps  
Fall Time (80%-20%):  $\leq 3$  ns  
PRF: 1 Hz - 20 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

### Test Waveforms

10 kHz, 10 ns, +50V,

10 kHz, 100 ns, -50V,

2 ns/div. 20 V/div (200 mV  $\times$  40 dB):

20 ns/div. 20 V/div (200 mV  $\times$  40 dB):

