



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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

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## PERFORMANCE CHECKSHEET

Model: AVG-3B-C-PN  
Type: High-Voltage Impulse Generator  
S.N.: 12025  
Date: July 21, 2008

Output Amplitude:  $\pm 70$  to  $\pm 450$ V, to 50 $\Omega$   
Pulse Width (at 20%): < 2.7 ns  
Rise Time (20%-80%):  $\leq 0.9$  ns  
Fall Time (80%-20%):  $\leq 0.9$  ns  
PRF: 1 Hz - 20 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

### Test Waveforms

At 20 kHz, +450V,  
2 ns/div. 100 V/div (100 mV  $\times$  60 dB):

At 20 kHz, -450V,  
2 ns/div. 100 V/div (100 mV  $\times$  60 dB):

