



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: ± 70 to ± 450 V, to 50Ω
Pulse Width (at 20%): < 2.7 ns
Rise Time (20%-80%): ≤ 0.9 ns
Fall Time (80%-20%): ≤ 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 × 60 dB):

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

