



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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BOX 5120, LCD MERIVALE  
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CANADA K2C 3H5

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## PERFORMANCE CHECKSHEET

Model: AVL-5-B-N-TR-R5  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13662  
Date: January 10, 2018

Output Amplitude: up to -400V, to 50Ω  
Pulse Width (FWHM): 8 – 100 ns  
Rise Time (20%-80%): ≤ 2 ns  
Fall Time (80%-20%): ≤ 5 ns  
PRF: 1 Hz - 2 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

### Test Waveforms

2 kHz, 8 ns, -400V,

2 kHz, > 100 ns, -400V,

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

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

