



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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## PERFORMANCE CHECKSHEET

Model: AVG-2A-P  
Type: Ultra-High-Speed Impulse Generator  
S.N.: 11662  
Date: February 21, 2007

Output Amplitude: 0 to +120V, to 50Ω  
Pulse Width (at 20%): ≤ 1 ns  
Rise Time (20%-80%): ≤ 0.4 ns  
Fall Time (80%-20%): ≤ 0.4 ns  
PRF: 0 – 50 kHz  
Jitter, Stability: OK  
Prime Power: +15V DC

Basic specifications: →

### Test Waveforms

Maximum amplitude, 50 kHz.

Same waveform, different time scale.

500 ps/div. 50 V/div (50 mV × 60 dB):

5 ns/div. 50 V/div (50 mV × 60 dB):

