



# 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: AVP-AV-1-P  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12231  
Date: April 15, 2009

Output Amplitude: 0 to +10V, to 50Ω  
Pulse Width (FWHM): 0.2 – 4 ns  
Rise Time (20%-80%): ≤ 100 ps  
Fall Time (80%-20%): ≤ 300 ps  
PRF: 1 Hz - 1 MHz  
Jitter, Stability: OK  
Prime Power: +15V DC

Basic specifications: →

### Test Waveforms

< 0.2 ns pulse width at 100 kHz, +10V out,

4 ns pulse width at 100 kHz, > +10V out,

200 ps/div. 5 V/div (50 mV × 40 dB):

1 ns/div. 5 V/div (50 mV × 40 dB):

