



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

□ P.O. BOX 265  
OGDENSBURG, NY  
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-226-5772 (Intl)  
FAX: 800-561-1970 (USA & Canada) or +1-613-226-2802 (Intl)

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

info@avtechpulse.com - http://www.avtechpulse.com/

## PERFORMANCE CHECKSHEET

Model: AVP-AV-1-P  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12100  
Date: October 7, 2008

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 1 MHz, +10V out,

200 ps/div. 5 V/div (50 mV × 40 dB):

4 ns pulse width at 1 MHz, > +10V out,

1 ns/div. 5 V/div (50 mV × 40 dB):

