



# 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 +1-613-686-6675 (Intl)  
FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

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

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

## PERFORMANCE CHECKSHEET

Model: AVM-4-C-P-PN-Z50-AT-AC06  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12588  
Date: February 11, 2011

Output Amplitude: up to  $\pm 20V$   
Pulse Width (FWHM): 0.5 to 4 ns  
Rise Time (20%-80%): < 150 ps  
Fall Time (80%-20%): < 300 ps  
PRF: up to 10 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

### Test Waveforms

At 10 MHz, 20V amplitude, > 4 ns pulse width.

At 10 MHz, 20V amplitude, < 0.5 ns pulse width.

20 ns/div. 10 V/div (100 mV  $\times$  40 dB):

500 ps/div. 10 V/div (100 mV  $\times$  40 dB):

