



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H5

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## PERFORMANCE CHECKSHEET

Model: AVM-4-C-PWT-AT-M-P  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13060  
Date: August 30, 2013

Output Amplitude: up to +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: 100-240 V, 50-60 Hz

Basic specifications: →

### Test Waveforms

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

At 1 MHz, > 20V amplitude, > 4 ns pulse width.

500 ps/div. 10 V/div (100 mV/div × 40 dB):

1 ns/div. 10 V/div (100 mV/div × 40 dB):

