



# 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: AVM-2-Z50-EA-M-N  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12889  
Date: August 22, 2012

Output Amplitude: 0 to -15V  
Pulse Width (FWHM): 0.25 to 2 ns  
Rise Time (20%-80%): < 100 ps  
Fall Time (80%-20%): < 250 ps  
PRF: 3 kHz - 25 MHz  
Jitter, Stability: OK  
Prime Power: +24V, 500 mA DC

Basic specifications: →

### Test Waveforms

At 12 MHz, > -15V amplitude, < minimum pulse width.

At 12 MHz, > -15V amplitude, > maximum pulse width.

200 ps/div. 5 V/div (50 mV × 40 dB):

500 ps/div. 5 V/div (50 mV × 40 dB):

