



# 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 3H5

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

## PERFORMANCE CHECKSHEET

Model: AVL-5-B-PN-ATA3-AC22-M-TR-R5-VXI  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13728  
Date: June 11, 2018

Output Amplitude: up to  $\pm 400V$ , to 50 $\Omega$   
Pulse Width (FWHM): 8 – 100 ns  
Rise Time (20%-80%):  $\leq 2.5$  ns  
Fall Time (80%-20%):  $\leq 5$  ns  
PRF: 1 Hz - 2 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

### Test Waveforms

2 kHz, > 100 ns, -400V,

20 ns/div. 100 V/div (100 mV/div  $\times$  60 dB):

2 kHz, > 100 ns, > +400V,

20 ns/div. 100 V/div (100 mV/div  $\times$  60 dB):

