



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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☒ BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
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## PERFORMANCE CHECKSHEET

Model: AVR-E4-B-P  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12972  
Date: February 21, 2013

Output Amplitude: up to +100V, to 50Ω  
Pulse Width (FWHM): 1 – 5 ns  
Rise Time (20%-80%): ≤ 400 ps  
Fall Time (80%-20%): ≤ 600 ps  
PRF: 1 Hz - 100 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

### Test Waveforms

10 kHz, < 800 ps, +100V,

10 kHz, > 5.2 ns, +100V,

2 ns/div. 50 V/div (50 mV × 60 dB):

2 ns/div. 50 V/div (50 mV × 60 dB):

