



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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☒ BOX 5120, LCD MERIVALE  
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## PERFORMANCE CHECKSHEET

Model: AVG-4C2-C-N-AC22  
Type: Ultra-High-Speed Impulse Generator  
S.N.: 13409  
Date: February 23, 2016

Output Amplitude: -150V to -920V, to 50Ω  
Pulse Width (at 20%): < 5 ns  
Rise Time (20%-80%): ≤ 1.5 ns  
Fall Time (80%-20%): ≤ 3 ns  
PRF: 1 Hz - 10 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

### Test Waveforms

10 kHz, > -920V,

10 kHz, < -100V,

2 ns/div. 200 V/div (200 mV/div × 60 dB):

2 ns/div. 20 V/div (20 mV/div × 60 dB):

