



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVG-4A-B-PN-AK8-AC02
Type: Ultra-High-Speed Impulse Generator
S.N.: 13278
Date: April 1, 2015

Output Amplitude: up to $\pm 600V$, to 50 Ω
Pulse Width (at 20%): 4 – 8 ns (special)
Rise Time (20%-80%): ≤ 1.5 ns
Fall Time (80%-20%): varies (special)
PRF: 1 Hz - 10 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

5 kHz, < 4 ns, maximum positive amplitude,
2 ns/div. 200 V/div (200 mV/div \times 60 dB):

5 kHz, > 8 ns, maximum negative amplitude,
2 ns/div. 200 V/div (200 mV/div \times 60 dB):

