



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVG-4B2-B-AK2-AK8-VXI-PN-AC02
Type: Ultra-High-Speed Impulse Generator
S.N.: 13968
Date: March 6, 2020

Output Amplitude: $\pm 120V$ to $\pm 800V$, 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, $> -800V$,

10 kHz, $< +120V$,

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

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

