



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVH-HV1-B-P
Type: Ultra-High-Speed Impulse Generator
S.N.: 11962
Date: April 10, 2008

Output Amplitude: 0 to +100V, to 50Ω
Pulse Width (FWHM): ≤ 1 ns (at 20%)
Rise Time (20%-80%): N/A
Fall Time (80%-20%): N/A
PRF: to 100 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz

Basic specifications: →

Test Waveforms

100 kHz, +100V (maximum amplitude),
1 ns/div. 20 V/div (200 mV × 40 dB).

100 kHz, +50V,
1 ns/div. 20 V/div (200 mV × 40 dB).

