



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AVH-HV1-N
Type: Ultra-High-Speed Impulse Generator
S.N.: 13797
Date: November 20, 2018

Output Amplitude: up to -100V, to 50Ω
Pulse Width (at 20%): ≤ 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
1 ns/div. 20 V/div (200 mV/div × 40 dB).

As previous image, but with AVX-2 S/N 13798
used to invert the polarity.

