



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: AVP-AV-HV3-B-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 13838
Date: February 12, 2019

Output Amplitude: up to +40V, to 50Ω
Pulse Width (FWHM): 0.4 – 2 ns
Rise Time (20%-80%): ≤ 150 ps
Fall Time (80%-20%): ≤ 300 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: 100-240 V, 50-60 Hz

Basic specifications: →

Test Waveforms

< 400 ps pulse width at 100 kHz, +40V out,
500 ps/div. 20 V/div (200 mV/div × 40 dB):

> 2 ns pulse width at 100 kHz, > +40V out,
500 ps/div. 20 V/div (200 mV/div × 40 dB):

