



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVP-AV-HV3-N
Type: Ultra-High-Speed Pulse Generator
S.N.: 12199
Date: March 3, 2009

Output Amplitude: 0 to -40V, to 50Ω
Pulse Width (FWHM): 0.4 ns – 2 ns
Rise Time (20%-80%): ≤ 150 ps
Fall Time (80%-20%): ≤ 300 ps
PRF: to 1 MHz
Jitter, Stability: OK
Prime Power: +15V DC

Basic specifications: →

Test Waveforms

At 100 kHz, < 0.4 ns, -40V,

500 ps/div. 20 V/div (200 mV × 40 dB):

At 100 kHz, 2 ns, -40V,

500 ps/div. 20 V/div (200 mV × 40 dB):

