



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVI-V-HV1-C-M-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 11586
Date: September 5, 2006

Output Amplitude: 0 to +50V, to 50Ω
Pulse Width (FWHM): 2 – 100 ns
Rise Time (20%-80%): ≤ 250 ps
Fall Time (80%-20%): ≤ 2 ns
PRF: 1 Hz – 20 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

Leading edge at 20 kHz, 80 ns, +50V,

200 ps/div. 10 V/div (100 mV × 40 dB):

Full pulse at 20 kHz, 90 ns, +50V,

200 ps/div. 10 V/div (100 mV × 40 dB):

