



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: AVN-W1-C-N-PN
Type: Ultra-High-Speed Pulse Generator
S.N.: 12059
Date: August 22, 2008

Output Amplitude: 0 to -5V, to 50Ω
Pulse Width (FWHM): 0.2 - 2.5 ns
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 200 ps
PRF: 20 - 100 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

At 20 MHz, > -5V, > 2.5 ns pulse width:

At 100 MHz, > -5V, ~ 0.4 ns pulse width:

1 ns/div. 2 V/div (20 mV × 40 dB):

2 ns/div. 2 V/div (20 mV × 40 dB):

