



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: AV-144B1-HUB
Type: High-Speed Pulse Generator Module
S.N.: 11773
Date: July 20, 2007

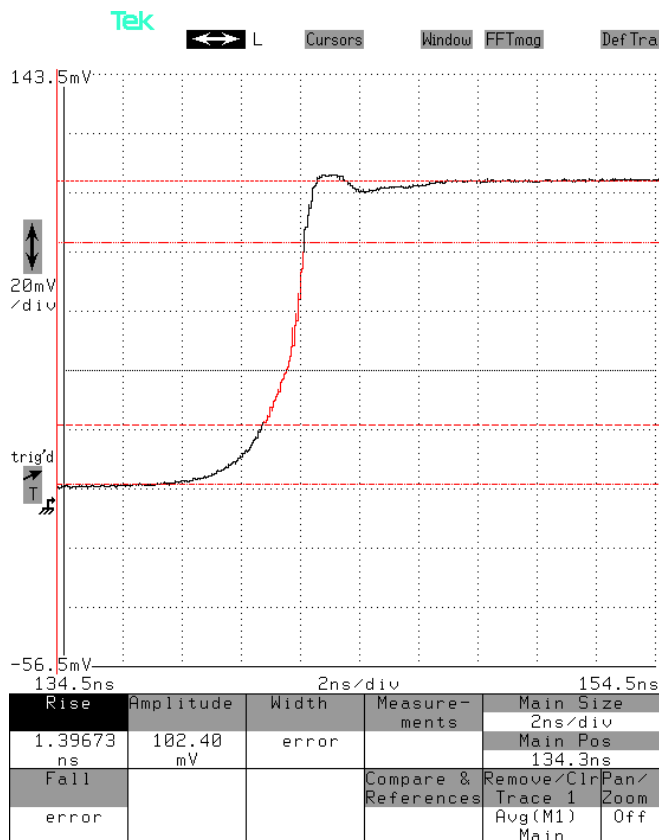
Output Amplitude: +100V, to 50Ω
Pulse Width (FWHM): 100 ns – 1 ms
Rise Time (20%-80%): ≤ 2 ns
Fall Time (80%-20%): ≤ 2 ns
Duty cycle: 5% maximum
Jitter, Stability: OK
Prime Power: +24V, -24V, +115V DC

Basic specifications: →

Test Waveforms

Leading edge at 1 kHz, 10 us PW, +100V,
2 ns/div. 20 V/div (20 mV × 60 dB):

Trailing edge at 1 kHz, 10 us PW, +100V,
5 ns/div. 20 V/div (20 mV × 60 dB):



Full pulse at 10 kHz, 100 ns PW, +100V,

20 ns/div. 20 V/div (20 mV × 60 dB):

