



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-4-C-M-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 11701
Date: March 26, 2007

Max. Output Amplitude: varies with PRF
Pulse Width (FWHM): 0.3 - 1 ns
Rise Time (20%-80%): ≤ 150 ps
Fall Time (80%-20%): ≤ 150 ps
PRF: 25 - 250 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

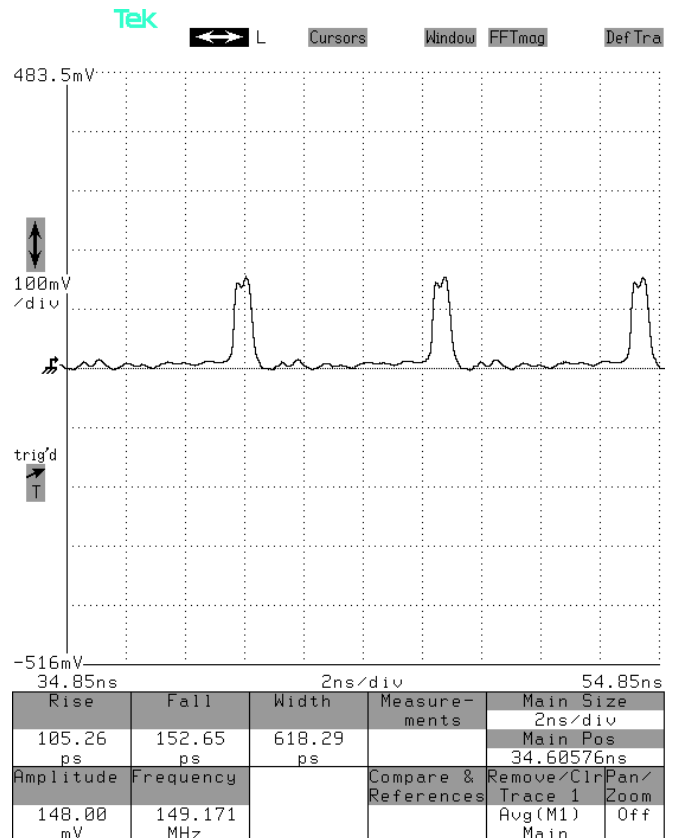
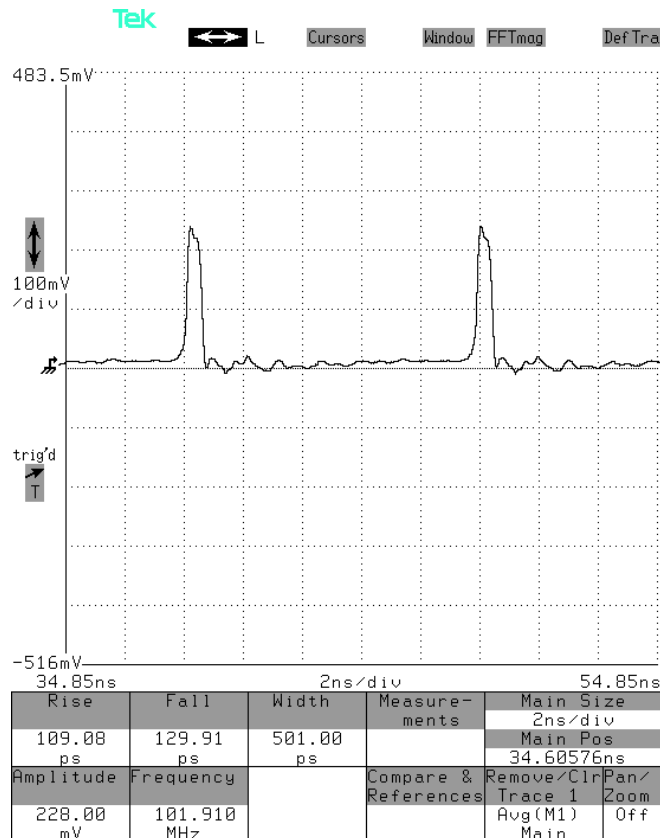
Test Waveforms

At 100 MHz, > 20V, 0.5 ns pulse width:

At 150 MHz, +15V, 0.6 ns pulse width:

2 ns/div. 10 V/div (100 mV × 40 dB):

2 ns/div. 10 V/div (100 mV × 40 dB):



At 250 MHz, +4V:

2 ns/div. 2 V/div (20 mV × 40 dB):

