



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
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CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVK-V-C-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 11712
Date: April 30, 2007

Output Amplitude: +5V, to 50Ω
Pulse Width (FWHM): 1 – 50 ns
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 1 ns (PW < 10 ns)
≤ 2 ns (PW > 10 ns)
PRF: 5 Hz – 50 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

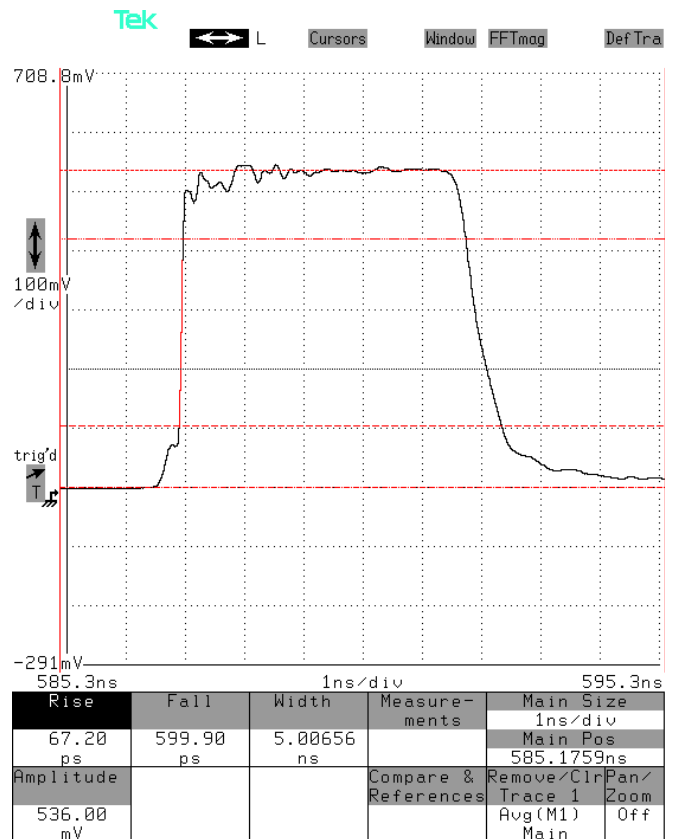
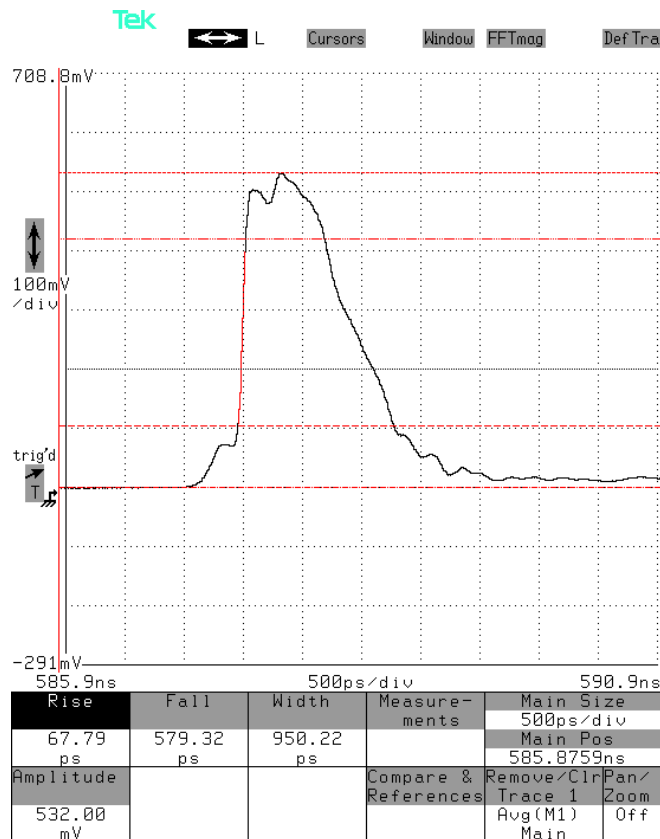
Test Waveforms

< 1 ns PW, 50 kHz, +5V.

5 ns PW, 50 kHz, +5V.

500 ps/div. 1 V/div (100 mV × 20 dB):

1 ns/div. 1 V/div (100 mV × 20 dB):



50 ns PW, 50 kHz, +5V.

20 ns/div. 1 V/div (100 mV × 20 dB):

