



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: AVP-2SA-C-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 12665
Date: June 10, 2011

Output Amplitude: up to +5V, to 50Ω
Pulse Width (FWHM): 0.2 to 4 ns
Rise Time (20%-80%): ≤ 40 ps
Fall Time (80%-20%): ≤ 250 ps
PRF: up to 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

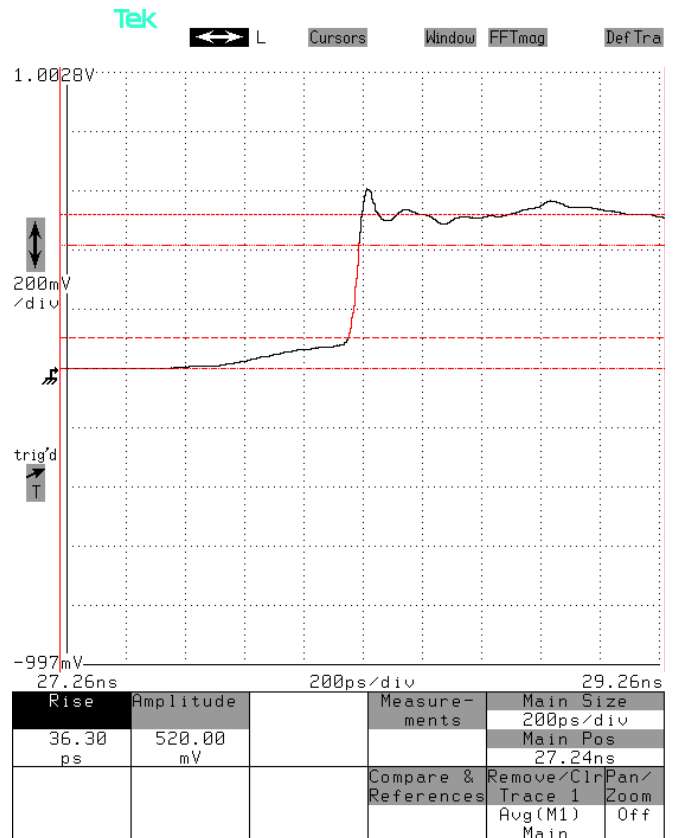
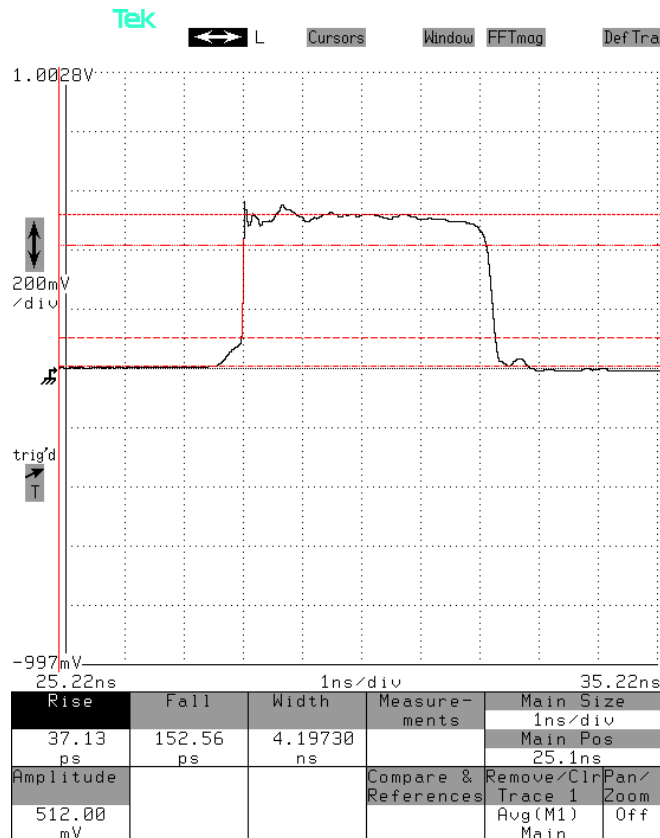
Test Waveforms

Full pulse at 1 MHz, 100 ns, +5V,

1 ns/div. 2 V/div (200 mV × 20 dB):

Leading edge at 500 kHz, 4 ns, +5V,

200 ps/div. 2 V/div (200 mV × 20 dB):



Full pulse at 500 kHz, < 0.2 ns, +5V,

200 ps/div. 2 V/div (200 mV × 20 dB):

