



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVM-2-C-P-AK1-AK8
Type: Ultra-High-Speed Pulse Generator
S.N.: 13020
Date: September 30, 2010

Output Amplitude: up to +15V
Pulse Width (FWHM): 0.25 to 2 ns
Rise Time (20%-80%): < 100 ps
Fall Time (80%-20%): < 250 ps
PRF: up to 25 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

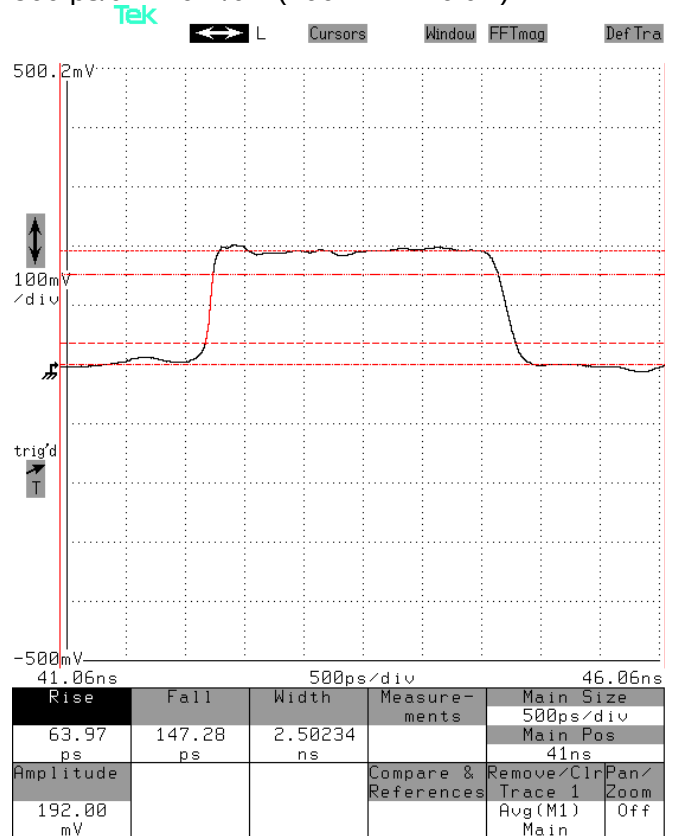
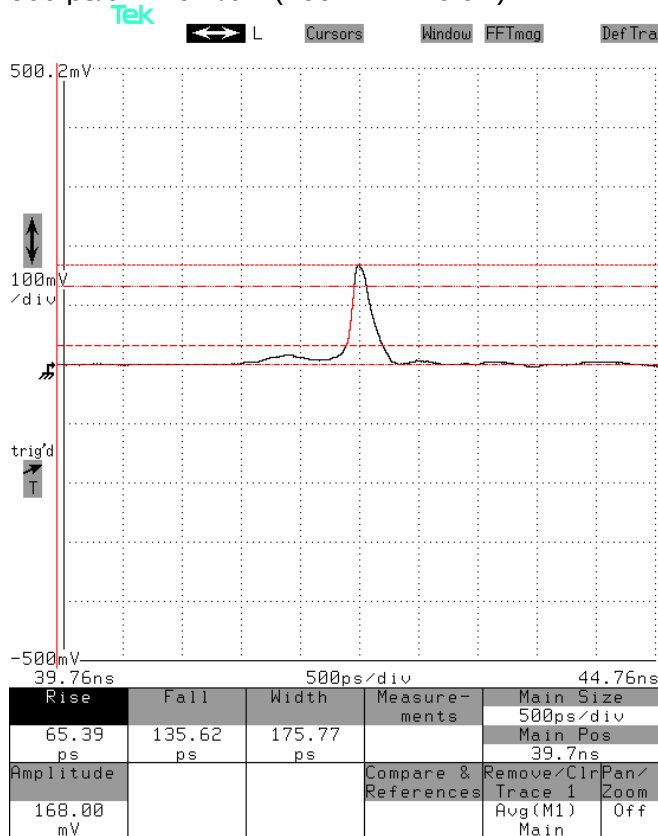
Test Waveforms

At 10 MHz, > 15V amplitude, < minimum pulse width.

At 10 MHz, > 15V amplitude, > maximum pulse width.

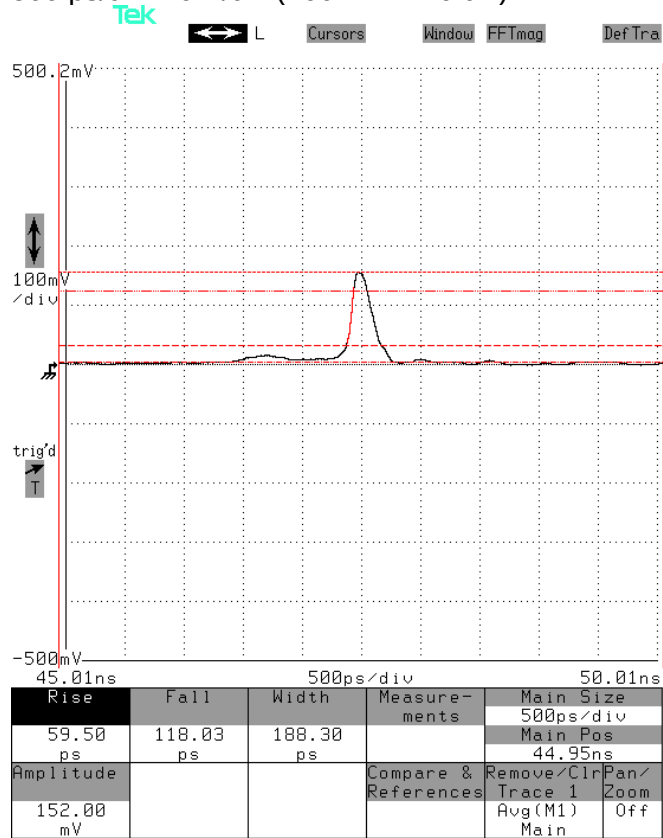
500 ps/div. 10 V/div (100 mV × 40 dB):

500 ps/div. 10 V/div (100 mV × 40 dB):



At 25 MHz, > 15V amplitude, < minimum pulse width.

500 ps/div. 10 V/div (100 mV × 40 dB):



At 25 MHz, > 15V amplitude, > maximum pulse width.

500 ps/div. 10 V/div (100 mV × 40 dB):

