



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVM-4-C-EA-ED-EW-M-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 12943
Date: November 21, 2012

Output Amplitude: up to +20V
Pulse Width (FWHM): 0.5 to 4 ns
Rise Time (20%-80%): < 150 ps
Fall Time (80%-20%): < 300 ps
PRF: up to 10 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

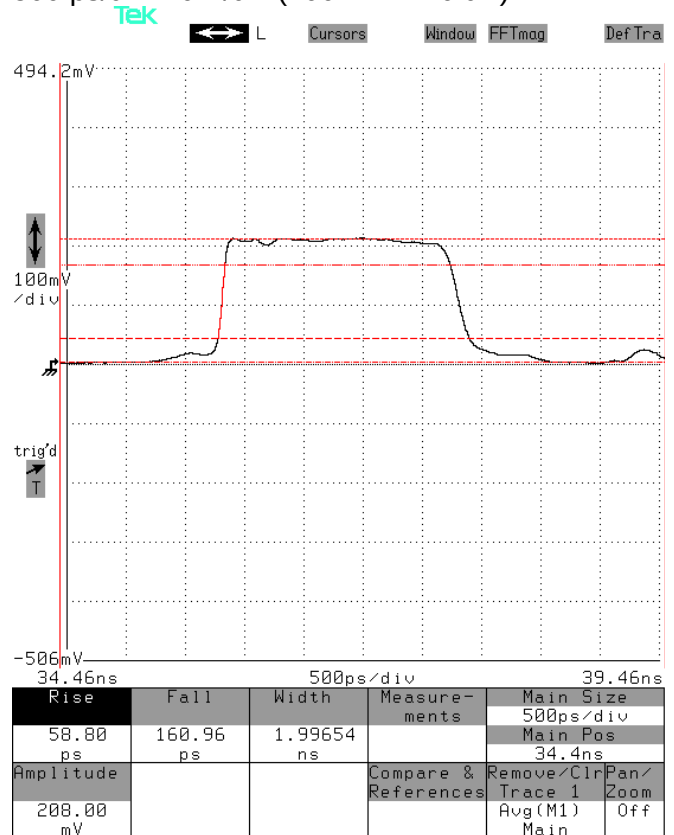
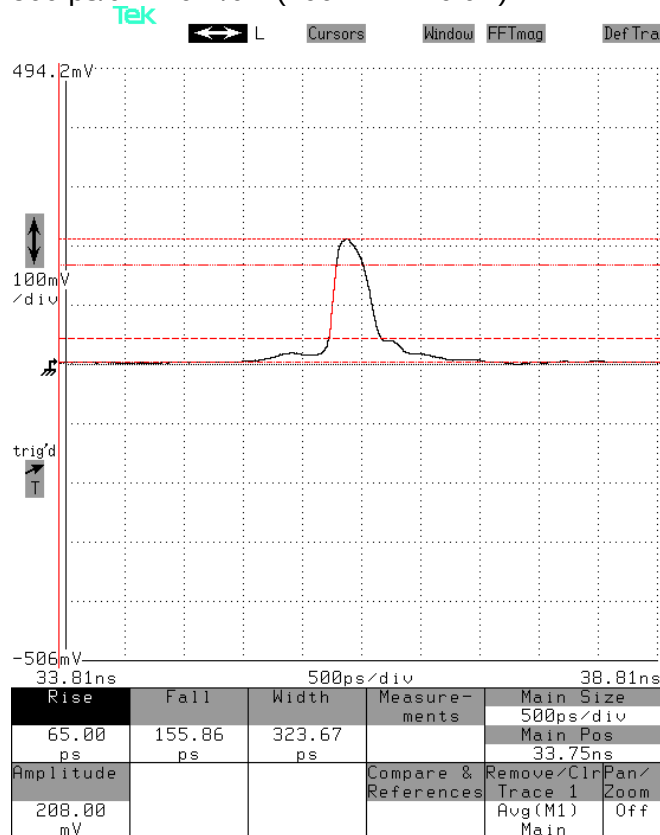
Test Waveforms

At 3 MHz, > 20V amplitude, < 0.5 ns pulse width.

At 3 MHz, > 20V amplitude, 2 ns pulse width.

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

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



At 10 MHz, > 20V amplitude, > 4 ns pulse width.

1 ns/div. 10 V/div (100 mV × 40 dB):

