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BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVM-1-P-M-H3
Type: Ultra-High-Speed Pulse Generator
S.N.: 12320
Date: September 28, 2009

Output Amplitude: 0 to +5V, to 50Ω
Pulse Width (FWHM): 0.15 to 2 ns
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 250 ps
PRF: to 3 MHz
Jitter, Stability: OK
Prime Power: +24V DC

Basic specifications: →

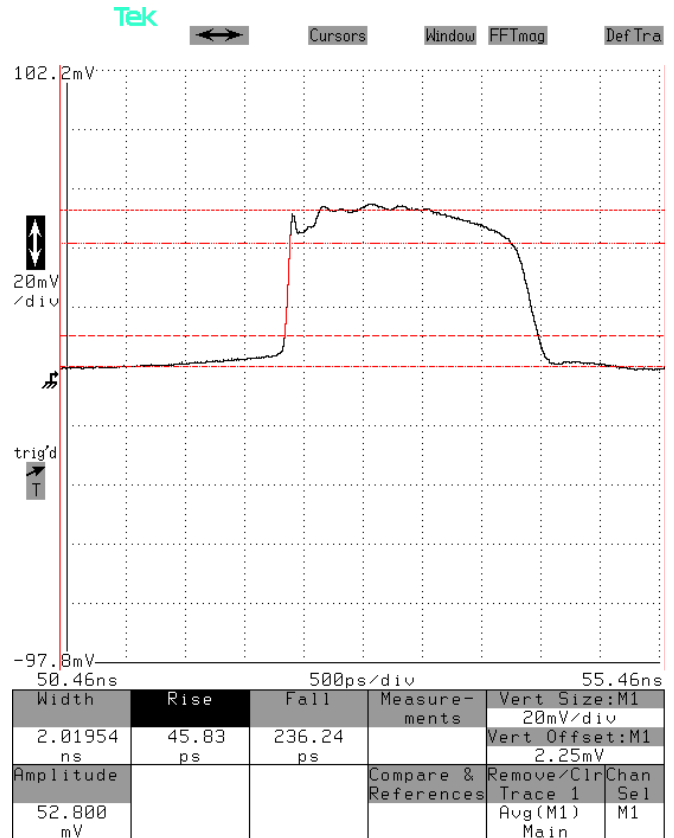
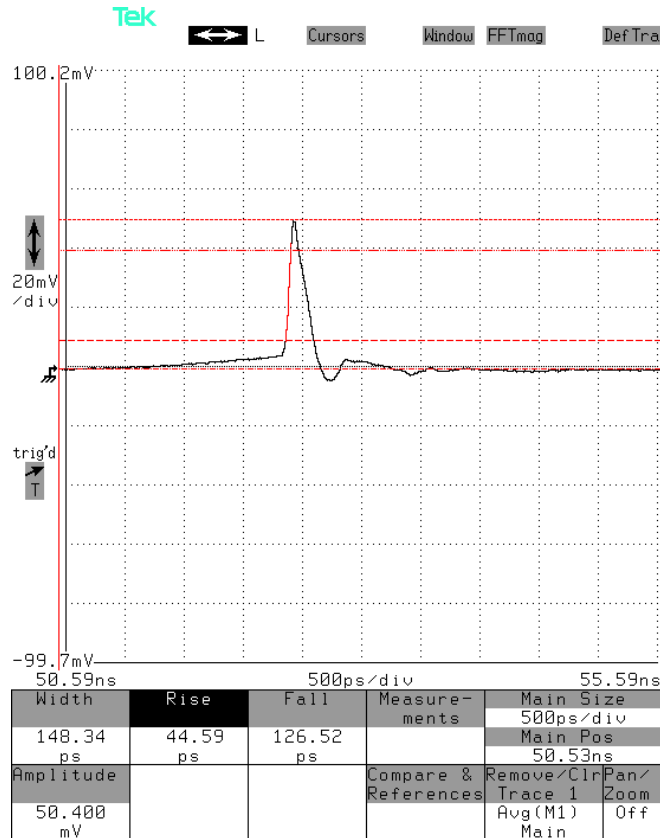
Test Waveforms

100 kHz, 0.15 ns, +5V,

100 kHz, 2 ns, +5V,

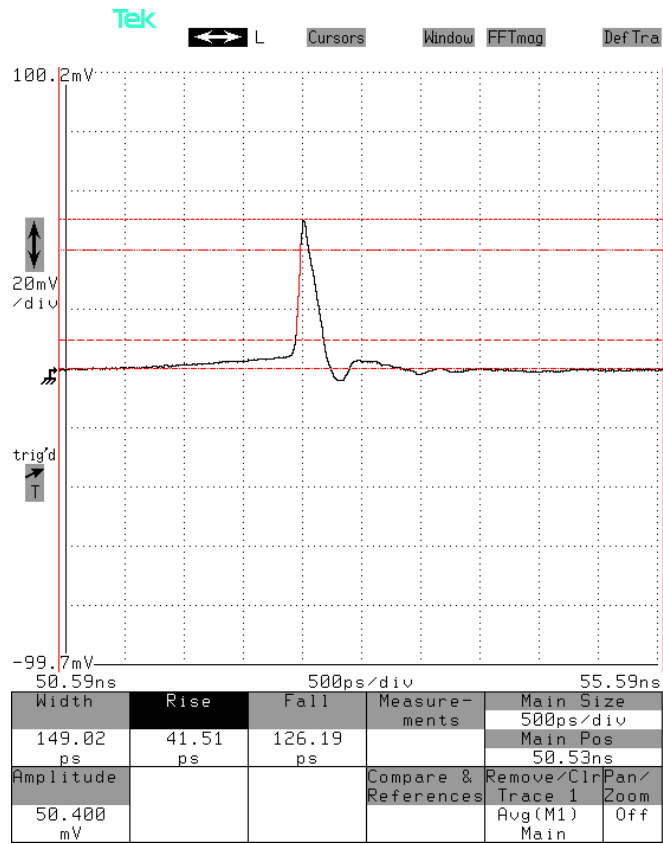
500 ps/div. 2 V/div (20 mV × 40 dB):

500 ps/div. 2 V/div (20 mV × 40 dB):



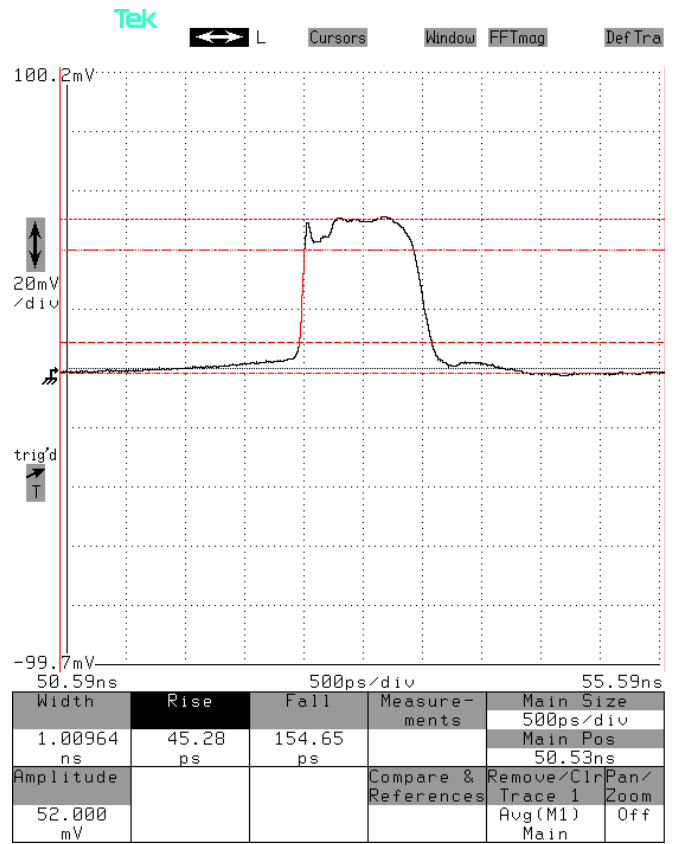
1 MHz, 0.15 ns, +5V,

500 ps/div. 2 V/div (20 mV × 40 dB):



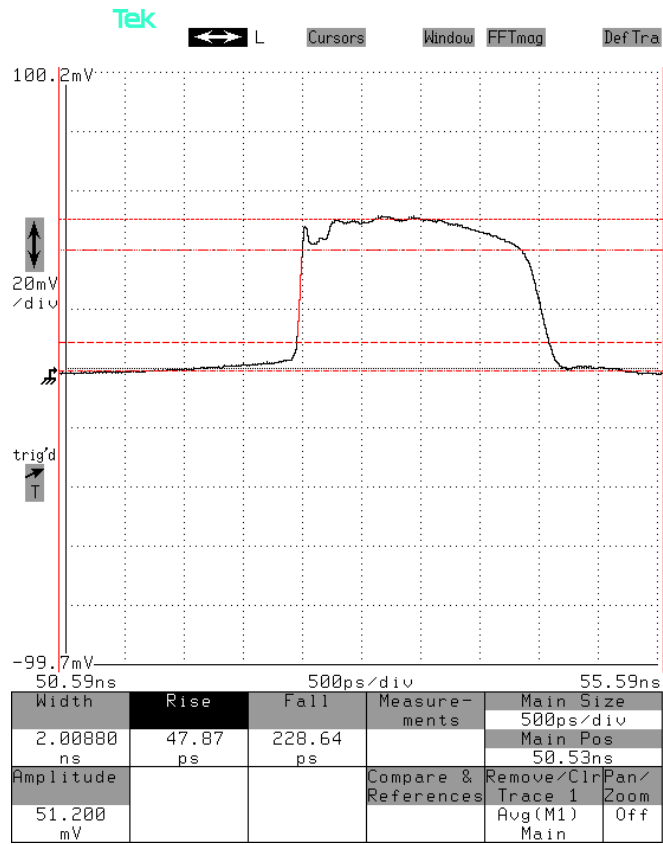
1 MHz, 1 ns, +5V,

500 ps/div. 2 V/div (20 mV × 40 dB):



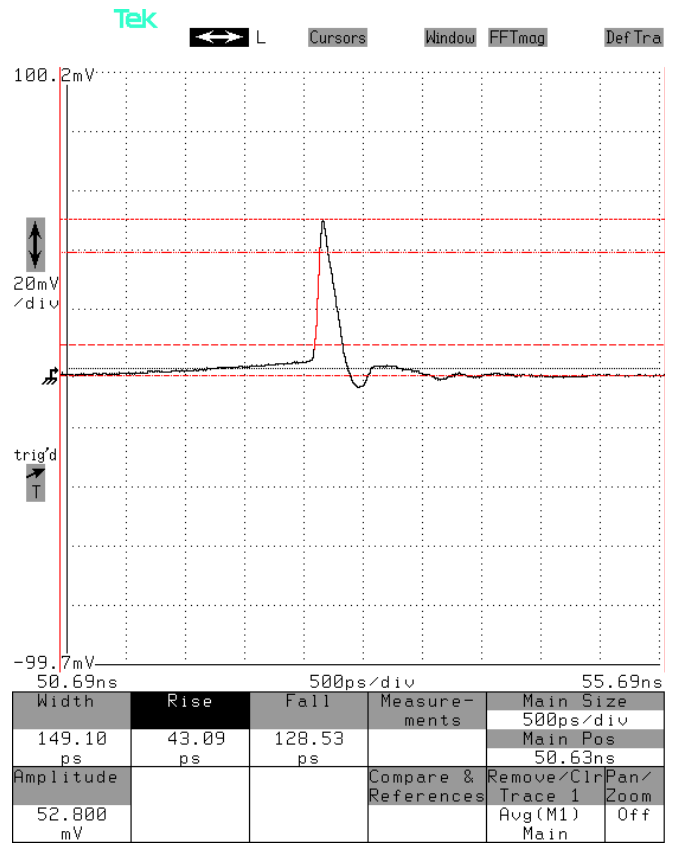
1 MHz, 2 ns, +5V,

500 ps/div. 2 V/div (20 mV × 40 dB):



3 MHz, 0.15 ns, +5V,

500 ps/div. 2 V/div (20 mV × 40 dB):



3 MHz, 2 ns, +5V,

500 ps/div. 2 V/div (20 mV × 40 dB):

