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BOX 5120, LCD MERIVALE OTTAWA, ONTARIO CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AVM-1-C-P Type: Ultra-High-Speed Pulse Generator S.N.: 12911 Date: October 3, 2012

Output Amplitude: up to +5V, to 50Ω Pulse Width (FWHM): 0.25 – 6 ns Rise Time (20%-80%): ≤ 100 ps Fall Time (80%-20%): ≤ 250 ps PRF: to 25 MHz Jitter, Stability: OK Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

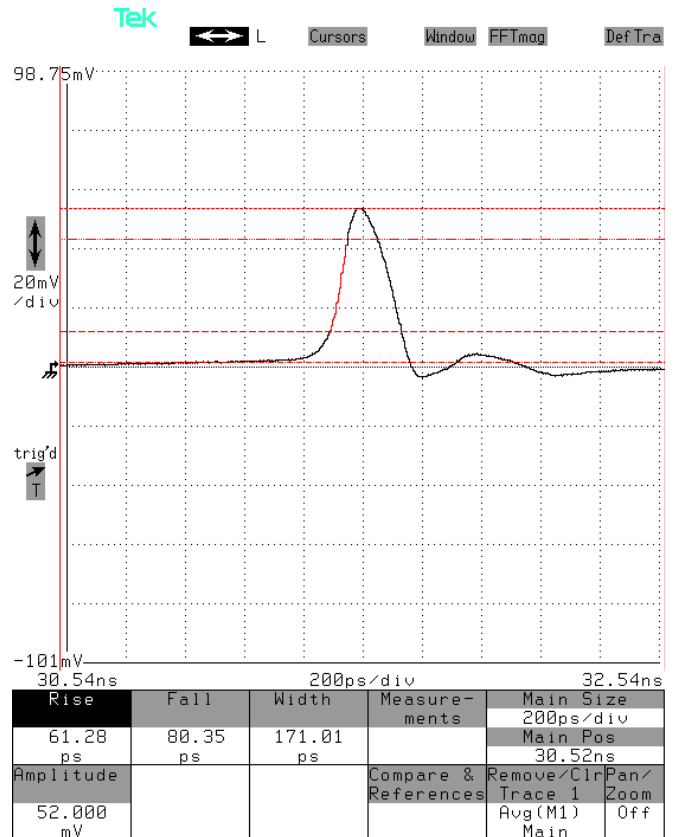
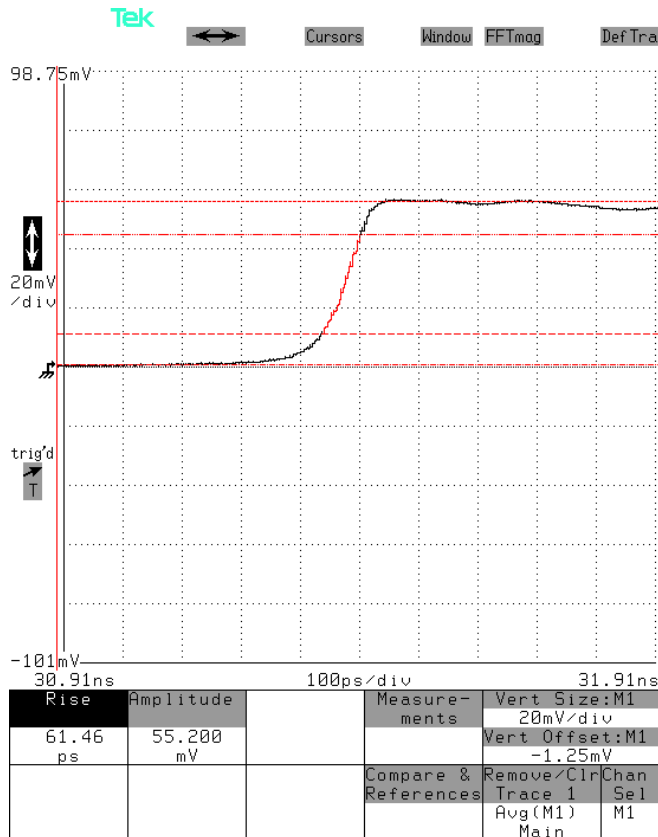
Test Waveforms

Rise time test:

12 MHz, > +5V, 1.5 ns PW. 100 ps/div. 2 V/div (20 mV/div × 40 dB).

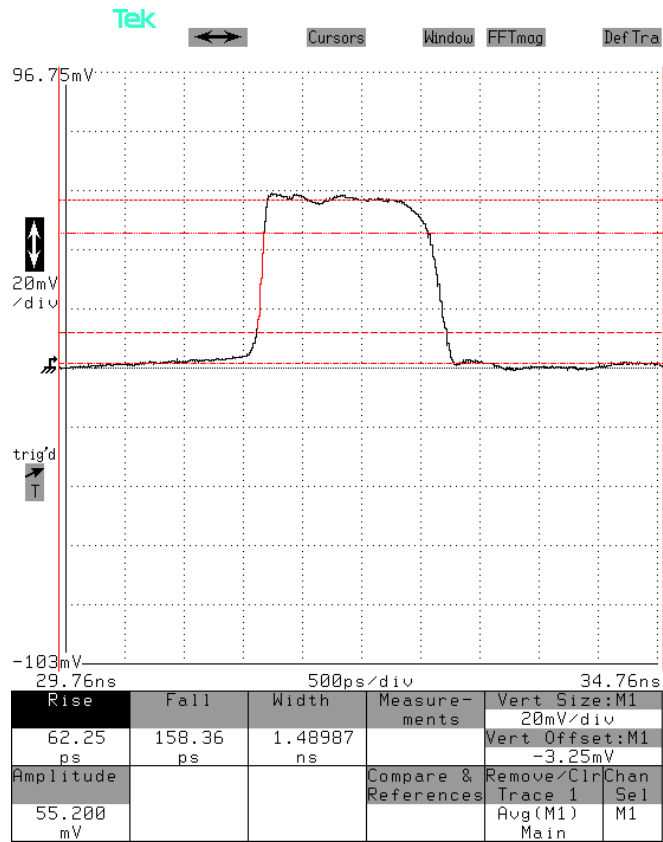
Narrow pulse test:

12 MHz, > +5V, < minimum PW. 200 ps/div. 2 V/div (20 mV/div × 40 dB).



Medium pulse width test:

12 MHz, > +5V, 1.5 ns PW.
 500 ps/div. 2 V/div (20 mV/div × 40 dB).



Wide pulse width test:

12 MHz, > +5V, 6 ns PW.
 1 ns/div. 2 V/div (20 mV/div × 40 dB).

