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

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PERFORMANCE CHECKSHEET

Model: AVM-1-C-D-M-P-AK1
Type: Ultra-High-Speed Pulse Generator
S.N.: 12843
Date: June 25, 2012

Output Amplitude: 0 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: →

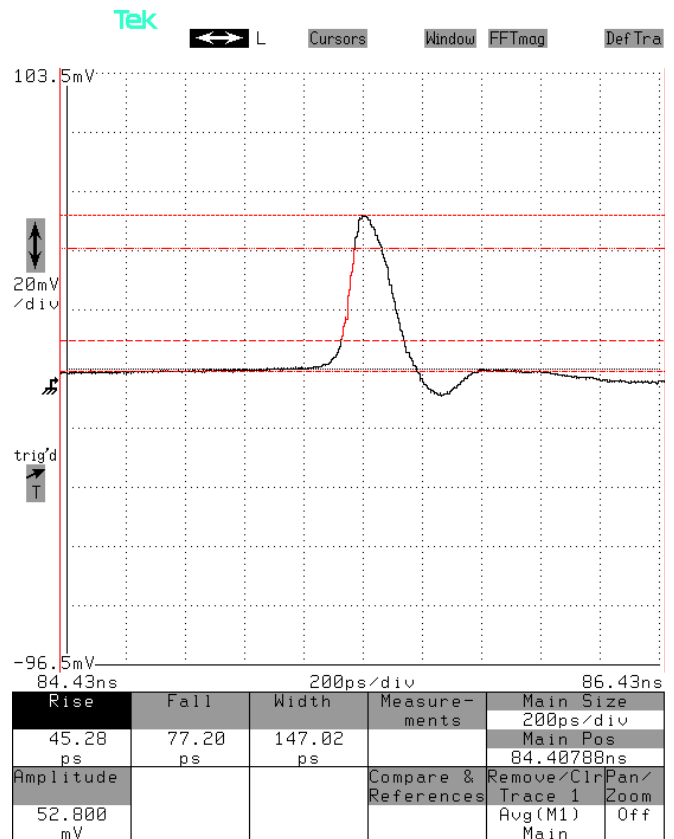
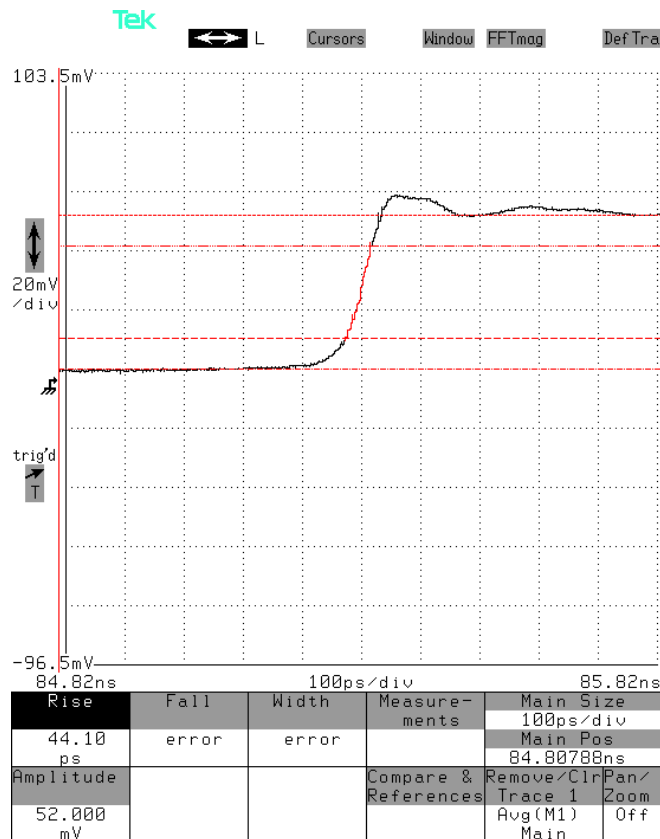
Test Waveforms

Rise time test:

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

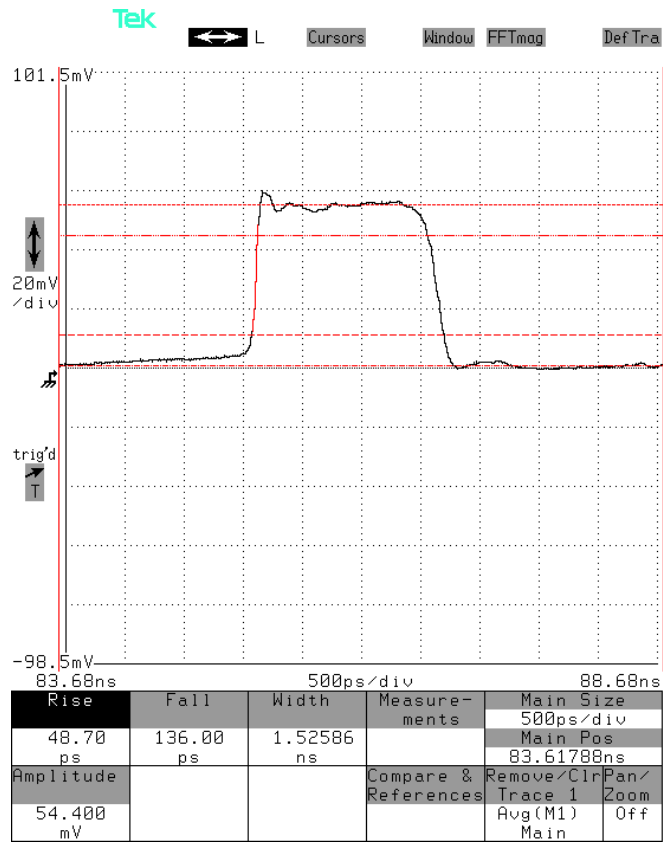
Narrow pulse test:

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.
 2 ns/div. 2 V/div (20 mV/div × 40 dB).

