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

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PERFORMANCE CHECKSHEET

Model: AVM-1-C-P-PN-AK1  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12072  
Date: September 5, 2008

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: →

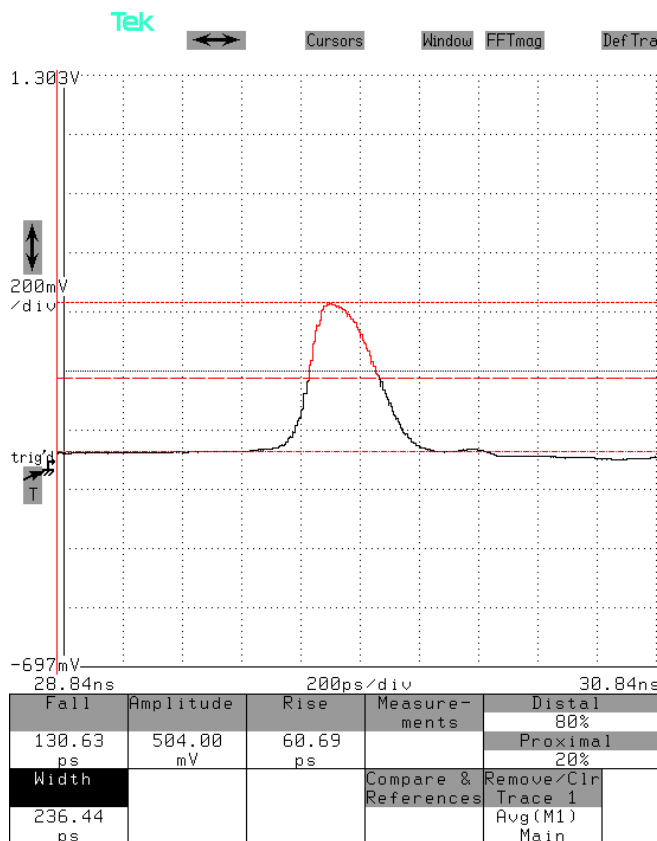
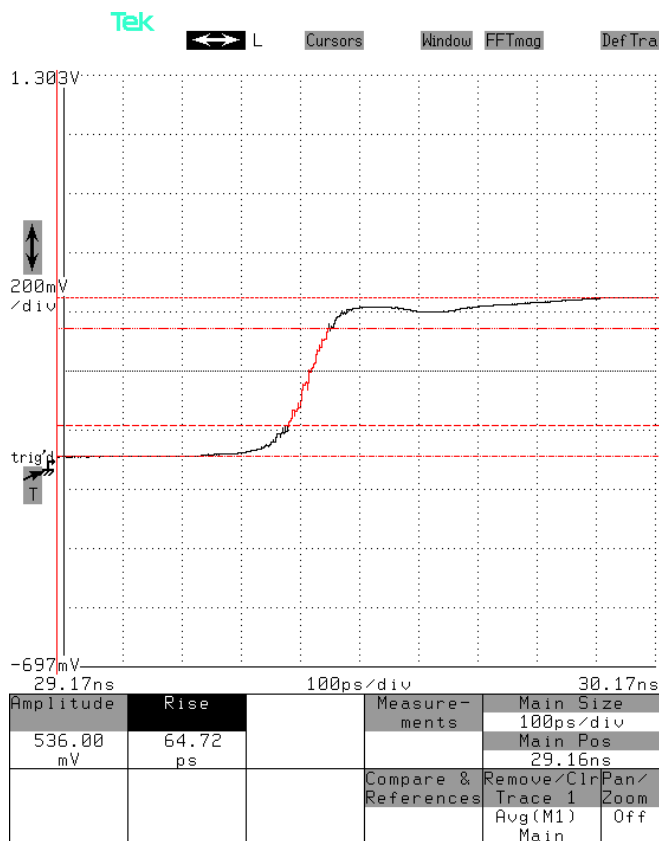
Test Waveforms

Rise time test:

12 MHz, +5V, 1.5 ns PW.  
100 ps/div. 2 V/div (200 mV × 20 dB).

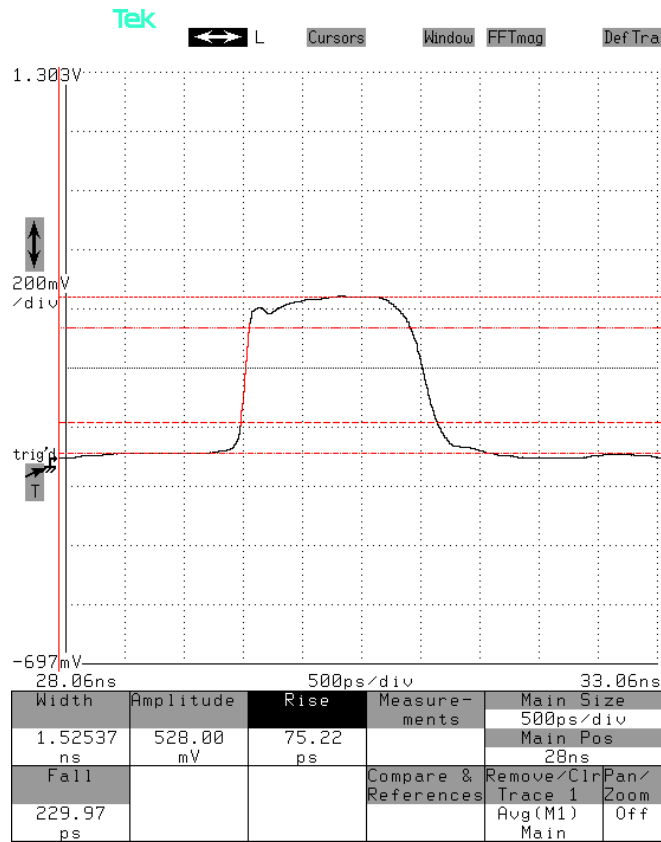
Narrow pulse test:

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



Medium pulse width test:

12 MHz, +5V, 1.5 ns PW.  
500 ps/div. 2 V/div (200 mV × 20 dB).



Wide pulse width test:

12 MHz, +5V, 4 ns PW.  
2 ns/div. 2 V/div (200 mV × 20 dB).

