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

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AVI-V-HV3-C-P  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12303  
Date: August 25, 2009

Output Amplitude: 0 to +100V, to 50Ω  
Pulse Width (FWHM): 4 – 100 ns  
Rise Time (20%-80%): ≤ 250 ps  
Fall Time (80%-20%): ≤ 4 ns  
PRF: 0.5 Hz - 5 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

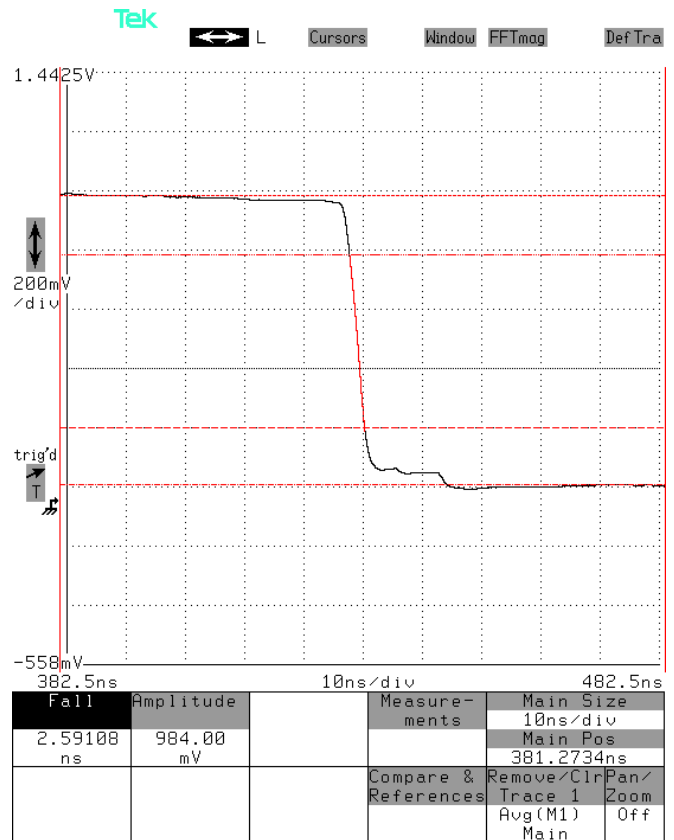
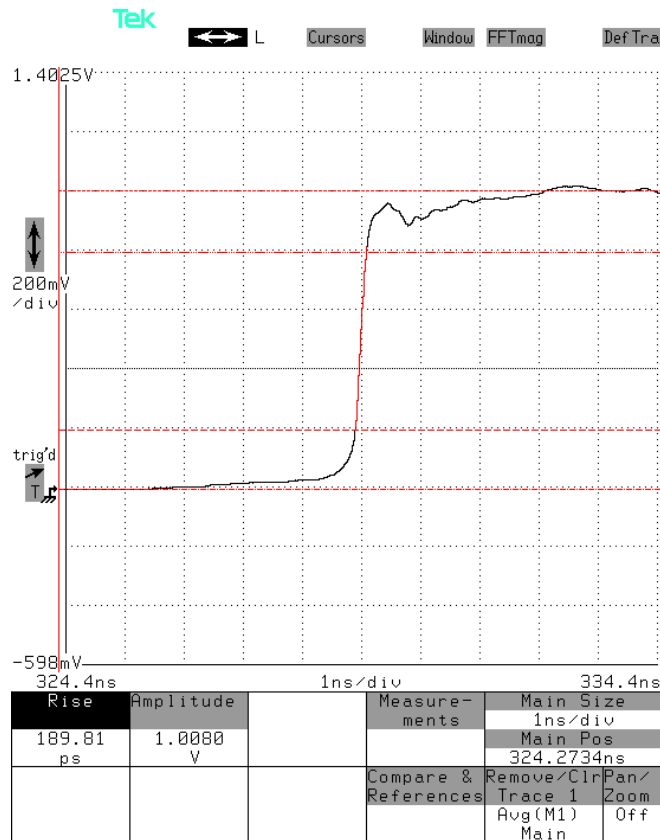
Test Waveforms

Leading edge at 5 kHz, 100 ns, +100V,

1 ns/div. 20 V/div (200 mV × 40 dB):

Trailing edge at 5 kHz, 100 ns, +100V,

10 ns/div. 20 V/div (200 mV × 40 dB):



Full pulse at 5 kHz, 100 ns, +100V,

20 ns/div. 20 V/div (200 mV × 40 dB):



Full pulse at 5 kHz, 10 ns, +100V,

2 ns/div. 20 V/div (200 mV × 40 dB):

