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

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

PERFORMANCE CHECKSHEET

Model: AVPP-1-B-N  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12134  
Date: January 9, 2009

Output Amplitude: 0 to -10V, to 50Ω  
Pulse Width (FWHM): 0.4 – 100 ns  
Rise Time (20%-80%): ≤ 100 ps or 150 ps  
Fall Time (80%-20%): ≤ 120 ps or 350 ps  
PRF: 1 Hz - 1 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

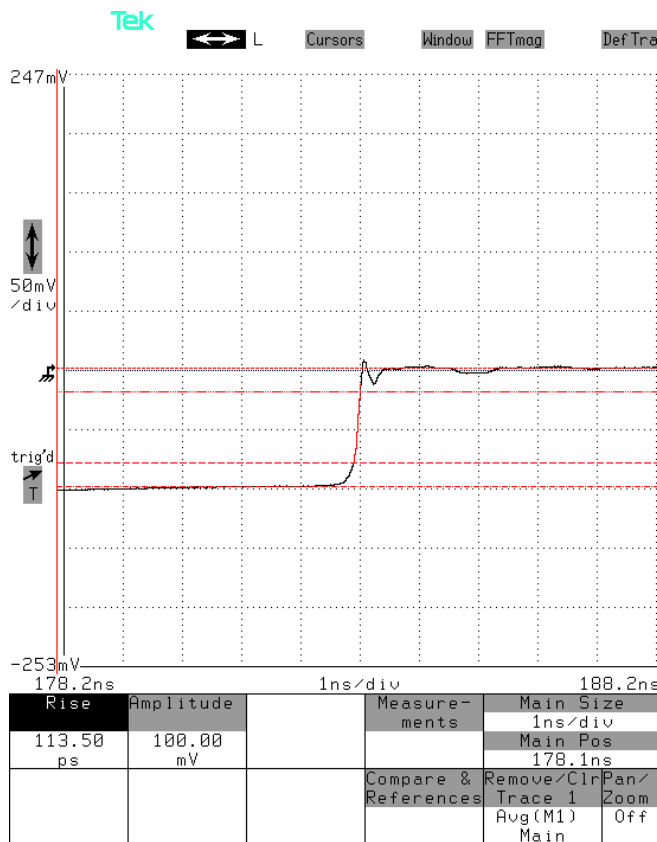
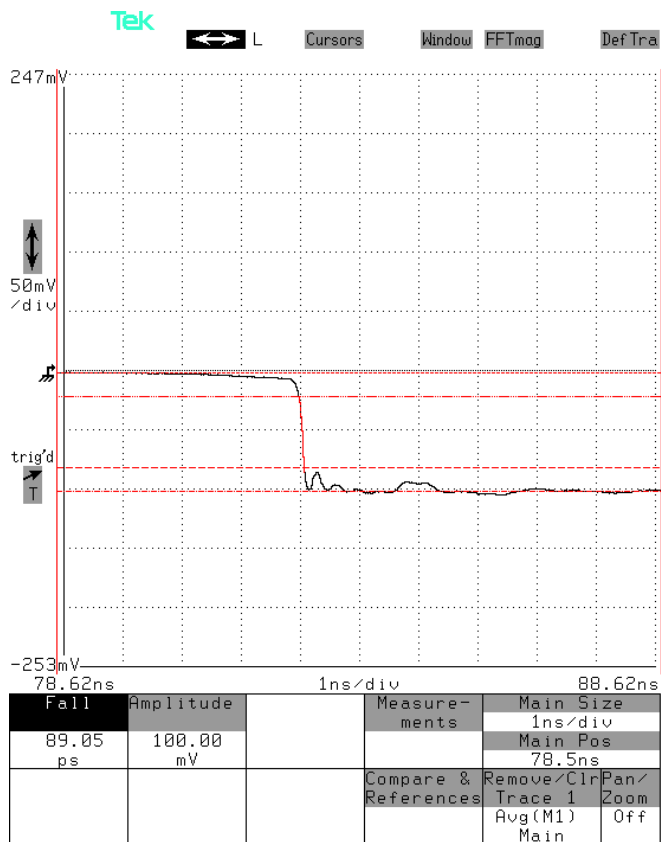
Test Waveforms

Leading edge at 100 kHz, 100 ns, -10V,

Trailing edge at 100 kHz, 100 ns, -10V,

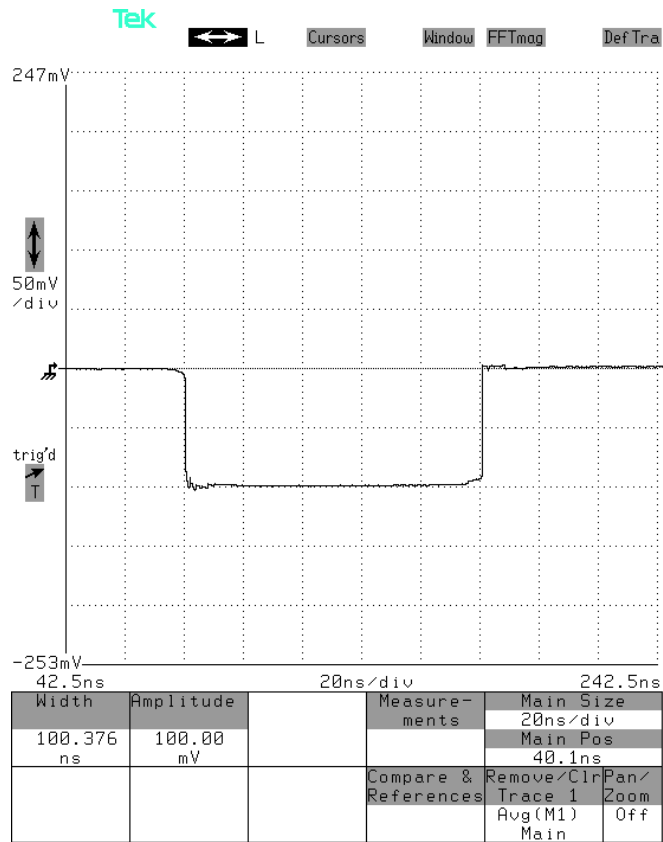
1 ns/div. 5 V/div (50 mV × 40 dB):

1 ns/div. 5 V/div (50 mV × 40 dB):



Full pulse at 100 kHz, 100 ns, -10V,

20 ns/div. 5 V/div (50 mV × 40 dB):



Full pulse at 100 kHz, 4 ns, -10V,

1 ns/div. 5 V/div (50 mV × 40 dB):

