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

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PERFORMANCE CHECKSHEET

Model: AVPP-1-B-PN-M-AK1  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12683  
Date: September 7, 2011

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: →

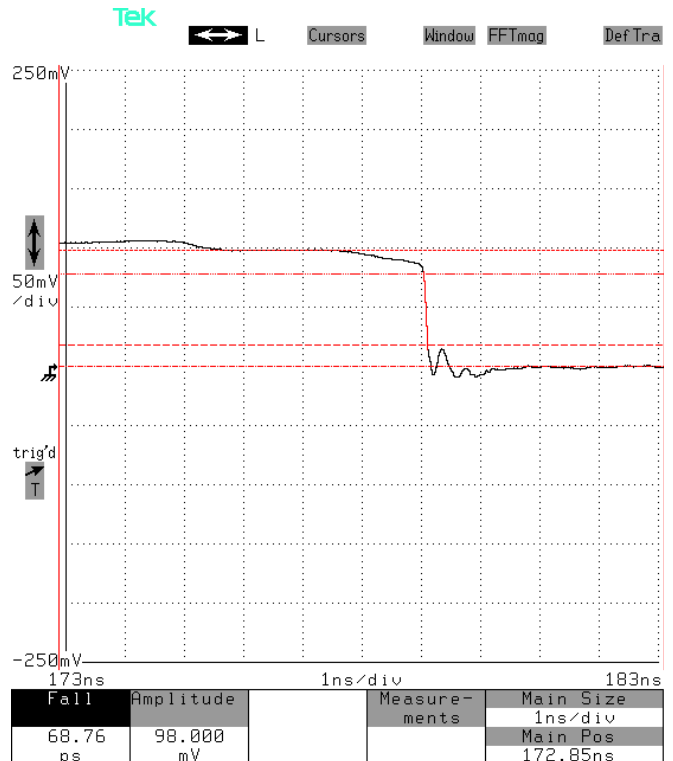
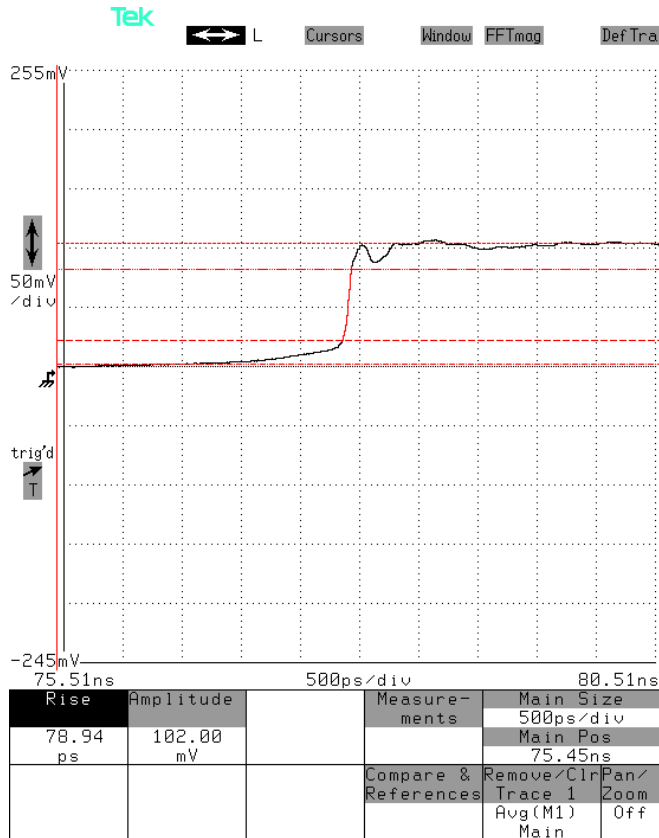
Test Waveforms

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

500 ps/div. 5 V/div (50 mV × 40 dB):

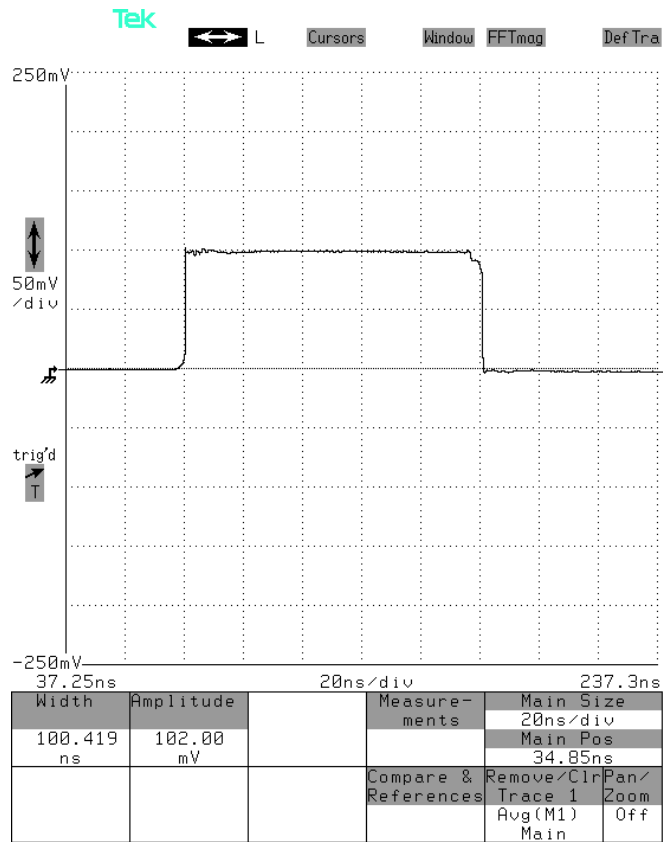
Trailing edge at 100 kHz, 100 ns, +10V,

1 ns/div. 5 V/div (50 mV × 40 dB):



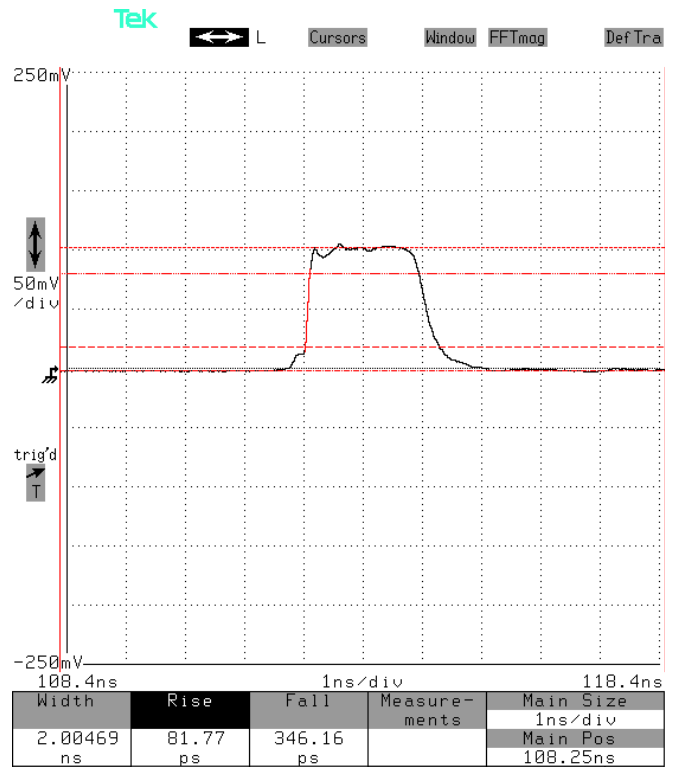
Full pulse at 100 kHz, 100 ns, +10V,

20 ns/div. 5 V/div (50 mV × 40 dB):



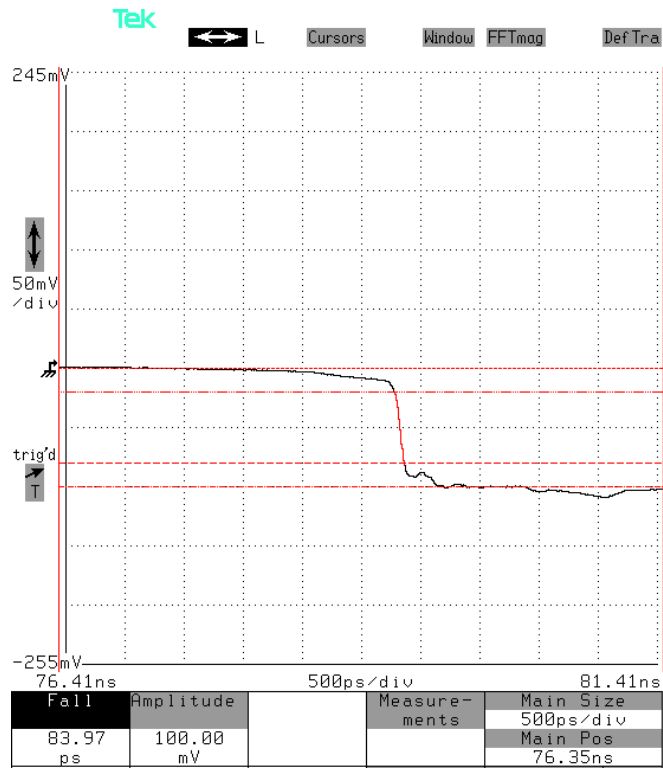
Full pulse at 100 kHz, 2 ns, +10V,

1 ns/div. 5 V/div (50 mV × 40 dB):



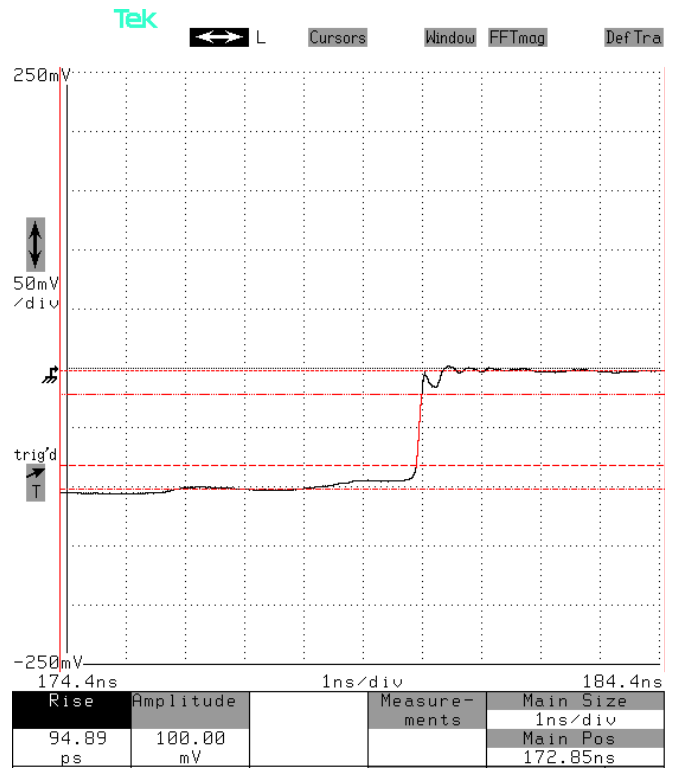
Leading edge at 100 kHz, 100 ns, -10V,

500 ps/div. 5 V/div (50 mV × 40 dB):



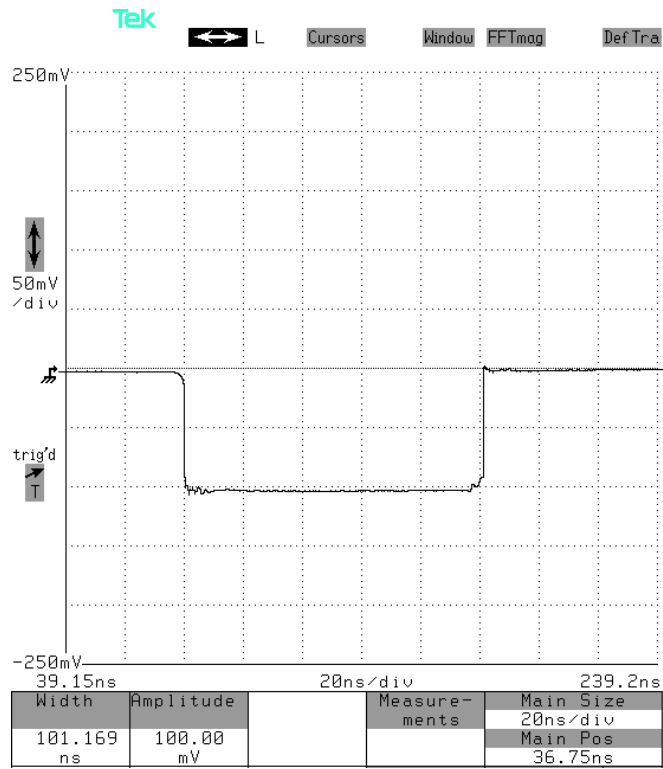
Trailing edge at 100 kHz, 100 ns, -10V,

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, 2 ns, -10V,

1 ns/div. 5 V/div (50 mV × 40 dB):

