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

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PERFORMANCE CHECKSHEET

Model: AVR-E3-B-PN-W-CSA  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 11762  
Date: June 25, 2007

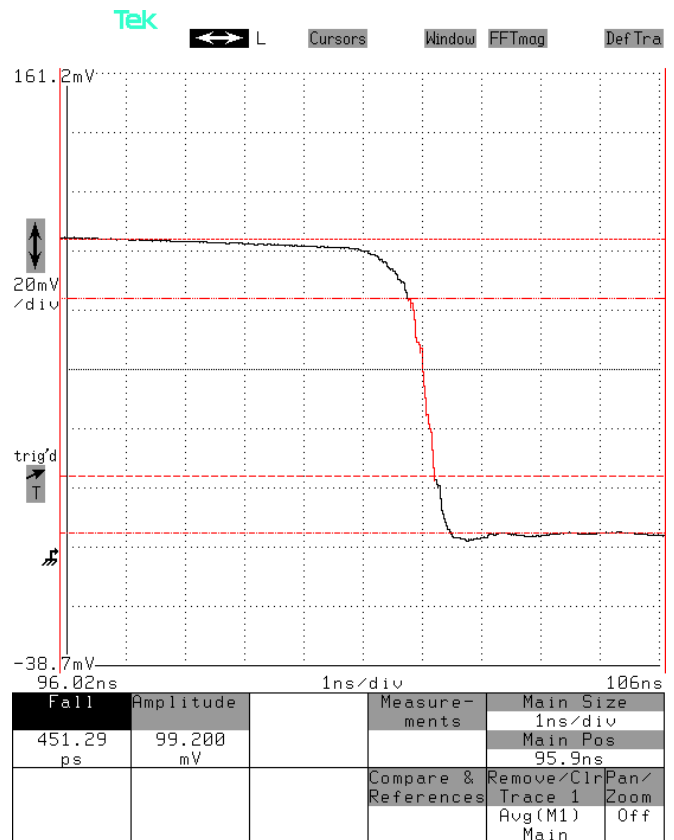
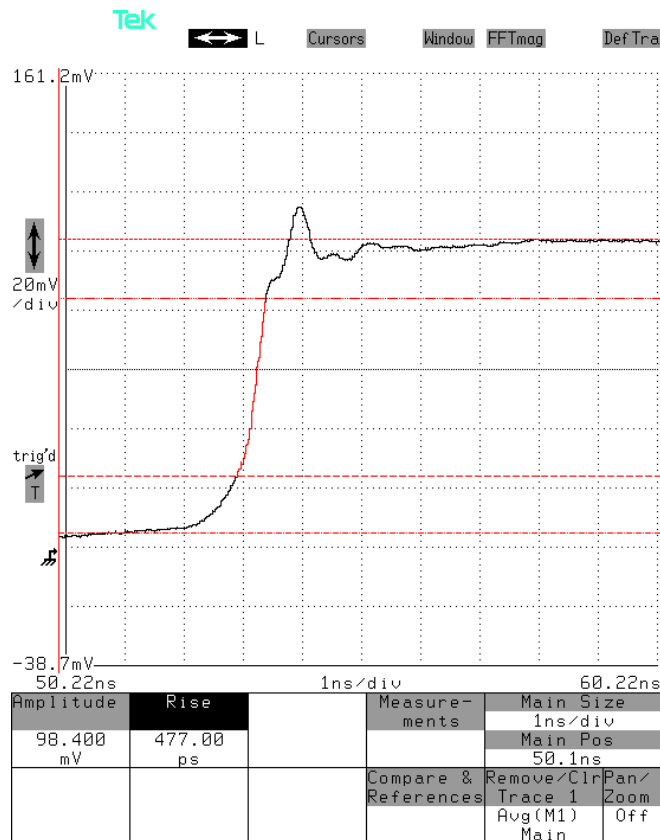
Output Amplitude: 0 to +/- 100V, to 50Ω  
Pulse Width (FWHM): 50 ns – 5 us  
Rise Time (20%-80%): ≤ 500 ps  
Fall Time (80%-20%): ≤ 1 ns  
PRF: 1 Hz – 5 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

Leading edge at 5 kHz, 50 ns, +100V,  
1 ns/div. 20 V/div (20 mV × 60 dB):

Trailing edge at 5 kHz, 50 ns, +100V,  
1 ns/div. 20 V/div (20 mV × 60 dB):



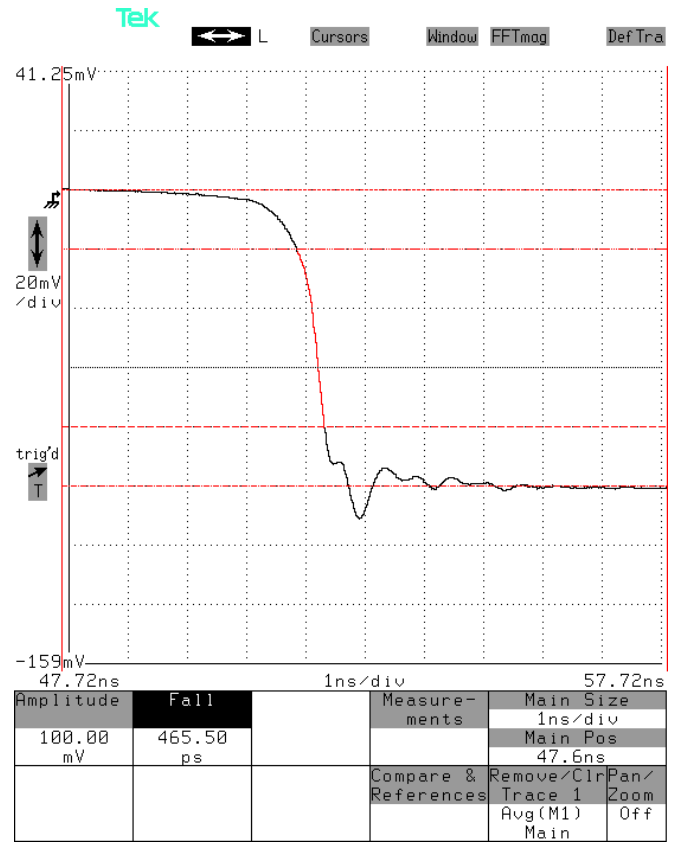
Full pulse at 5 kHz, 500 ns, +100V,

100 ns/div. 20 V/div (20 mV × 60 dB):



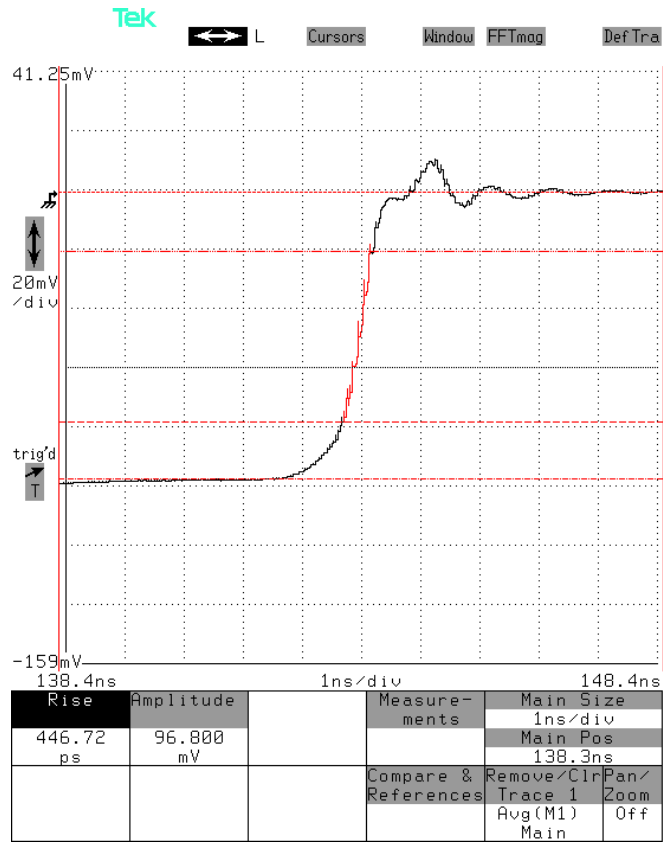
Leading edge at 5 kHz, 50 ns, -100V,

1 ns/div. 20 V/div (20 mV × 60 dB):



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

1 ns/div. 20 V/div (20 mV × 60 dB):



Full pulse at 5 kHz, 500 ns, -100V,

100 ns/div. 20 V/div (20 mV × 60 dB):

