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BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AVR-E3-B-R5-N-M5
Type: Ultra-High-Speed Pulse Generator
S.N.: 12948
Date: December 17, 2012

Output Amplitude: up to -100V, to 50Ω
Pulse Width (FWHM): 3 ns – 5 ns
Rise Time (20%-80%): ≤ 500 ps
Fall Time (80%-20%): ≤ 500 ps
PRF: 1 Hz – 20 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

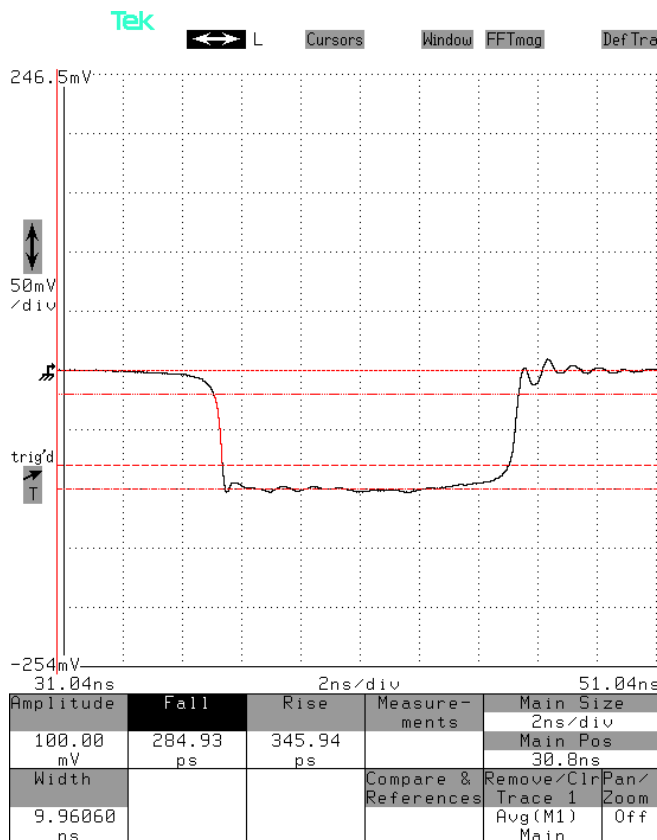
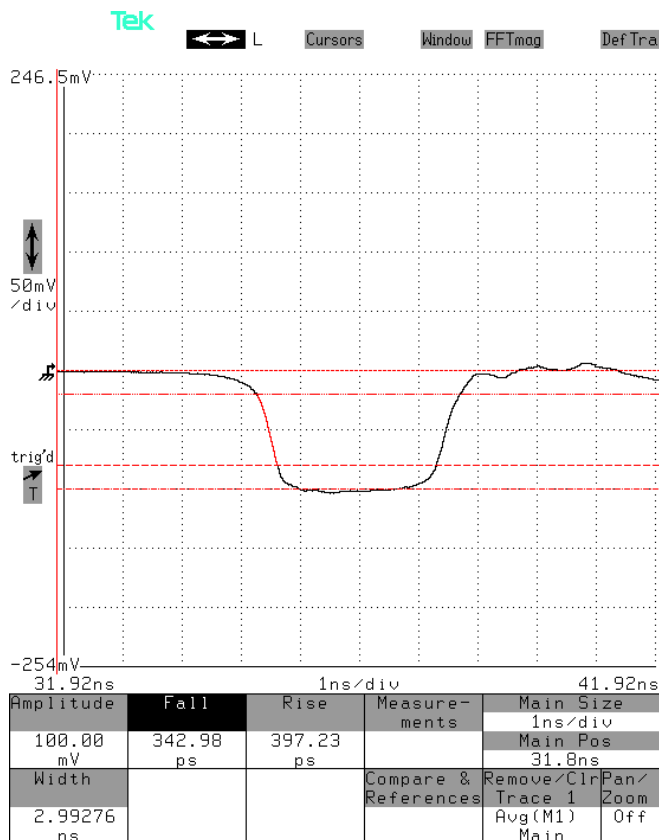
Test Waveforms

Full pulse at 10 kHz, 3 ns, -100V,

1 ns/div. 50 V/div (50 mV × 60 dB):

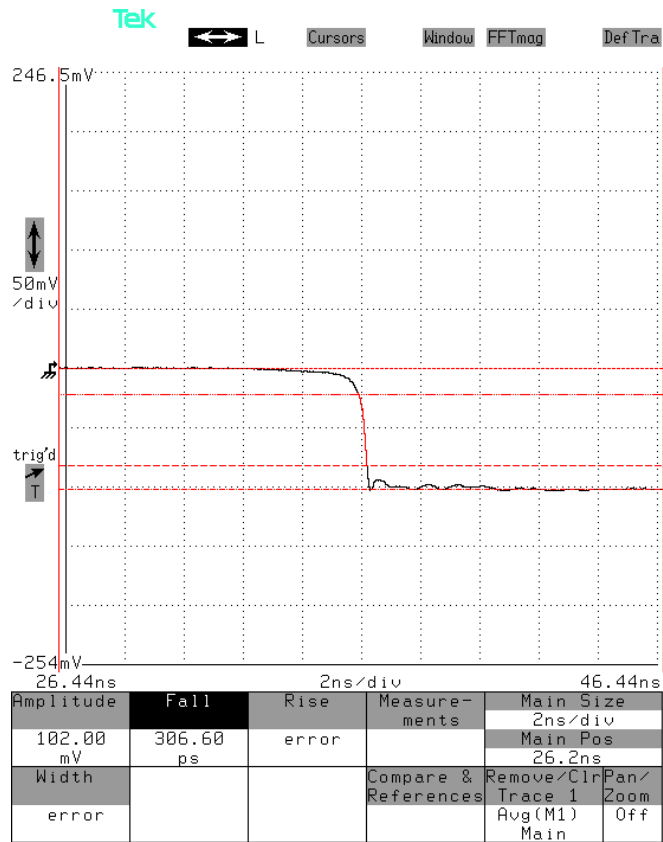
Full pulse at 10 kHz, 10 ns, -100V,

2 ns/div. 50 V/div (50 mV × 60 dB):



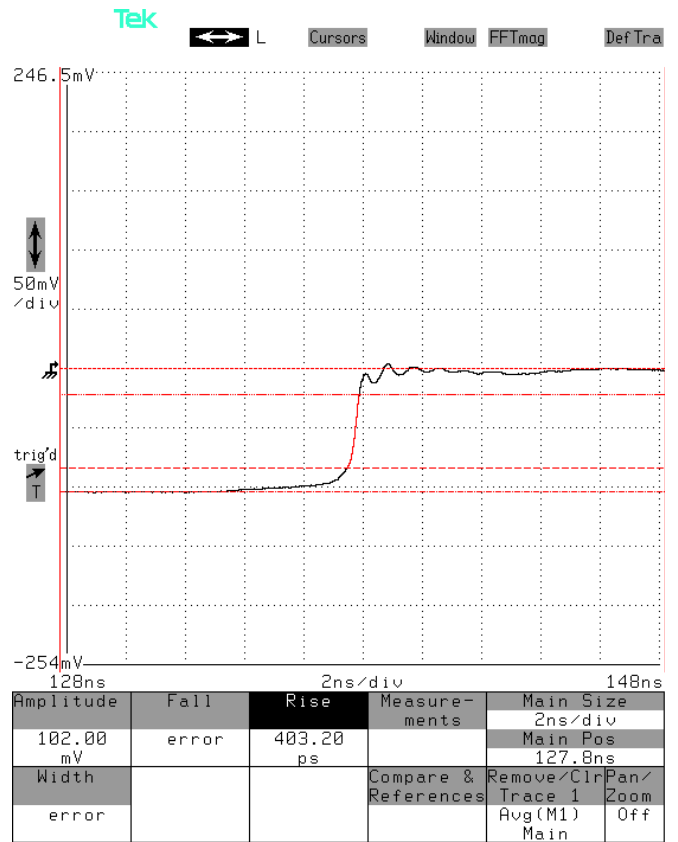
Leading edge at 10 kHz, 100 ns, -100V,

2 ns/div. 50 V/div (50 mV × 60 dB):



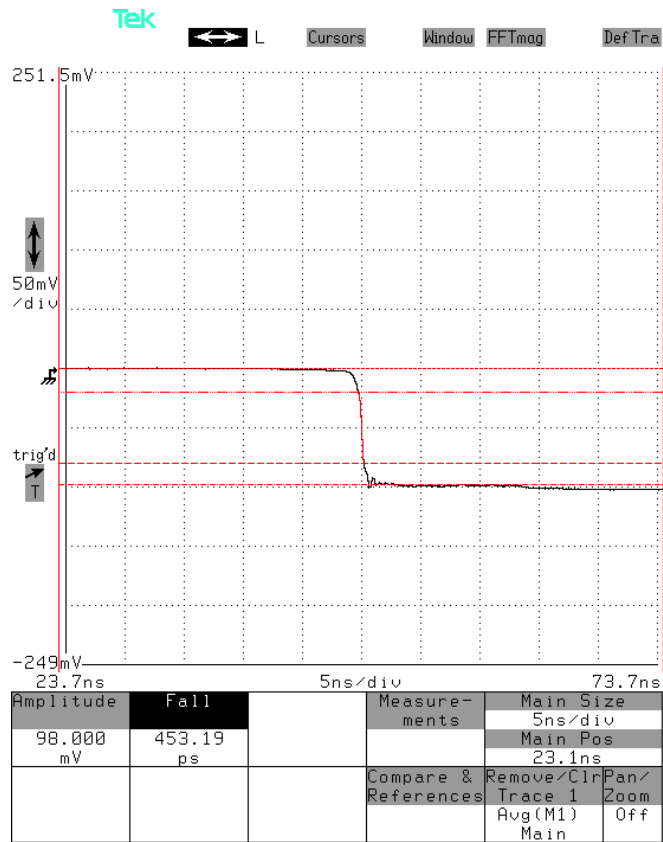
Trailing edge at 10 kHz, 10 ns, -100V,

2 ns/div. 50 V/div (50 mV × 60 dB):



Leading edge at 10 kHz, 5 us, -100V,

2 ns/div. 50 V/div (50 mV × 60 dB):



Full pulse at 10 kHz, 5 us, -100V,

1 us/div. 50 V/div (50 mV × 60 dB):

