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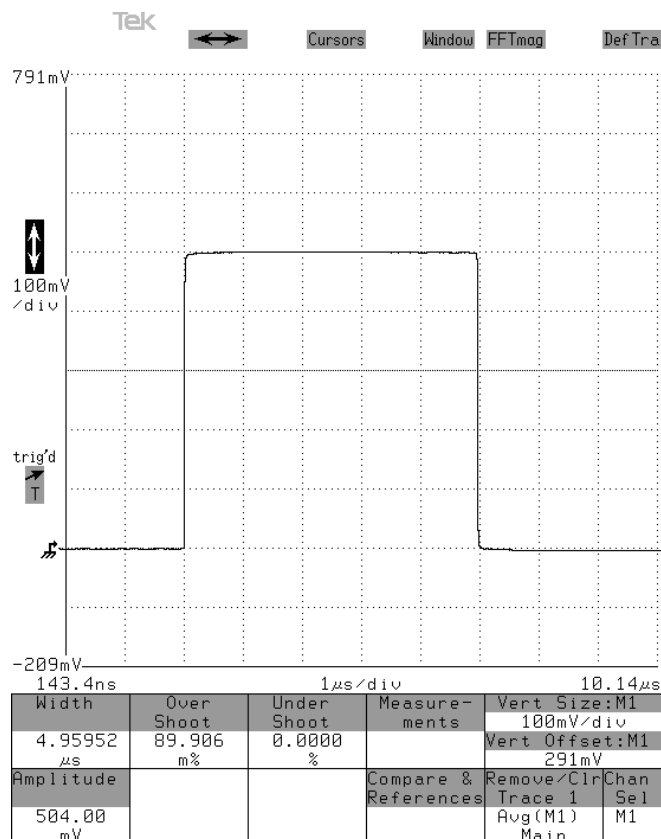
e-mail: info@avtechpulse.com
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☒ BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4
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PERFORMANCE CHECKSHEET

Model: AVR-E2-B-AK1-PN-W
Type: High Speed Pulse Generator
S.N.: 11483
Date: May 18, 2006

Wide Pulse Flatness Test

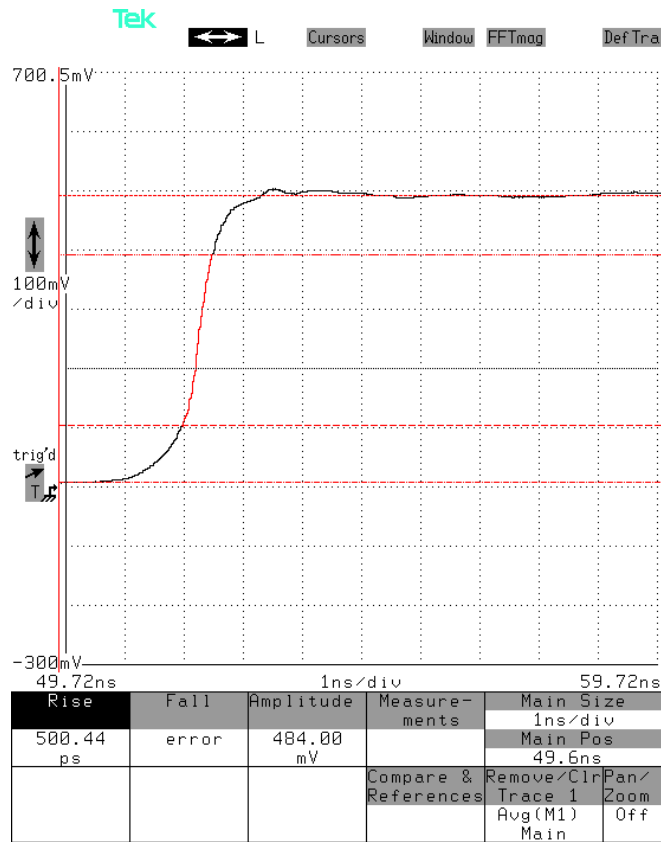


- a) Output Signal Amplitude: 0 to ±50V
- b) Pulse Width (FWHM): 50 ns – 5 us
- c) Rise Time (20%-80%): < 0.5 ns
- d) Fall Time (80%-20%): < 0.5 ns
- e) PRF: 1 Hz - 10 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

1 kHz, 5 us, +50V pulse.
1 us/div, 10 V/div (= 100 mV/div × 40 dB)

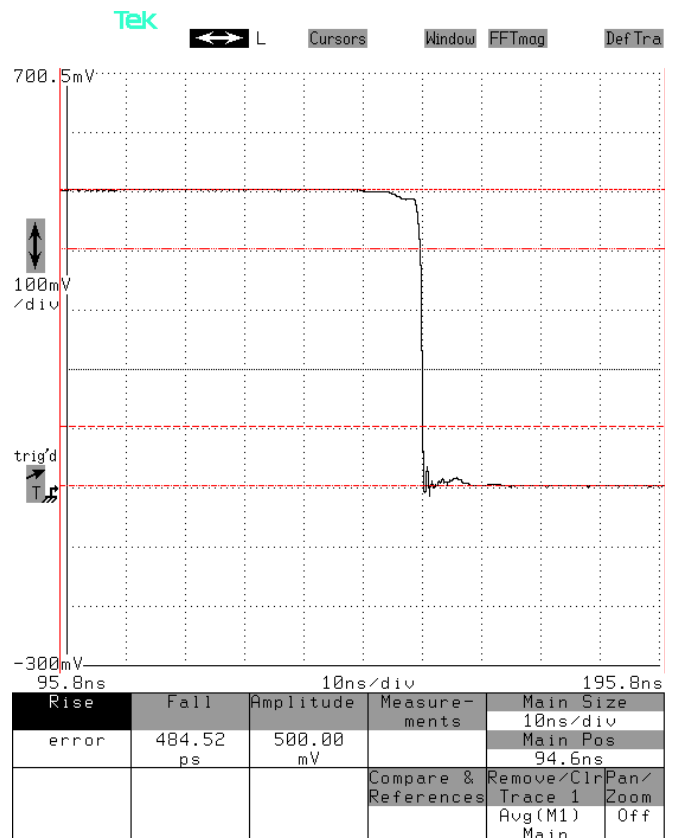
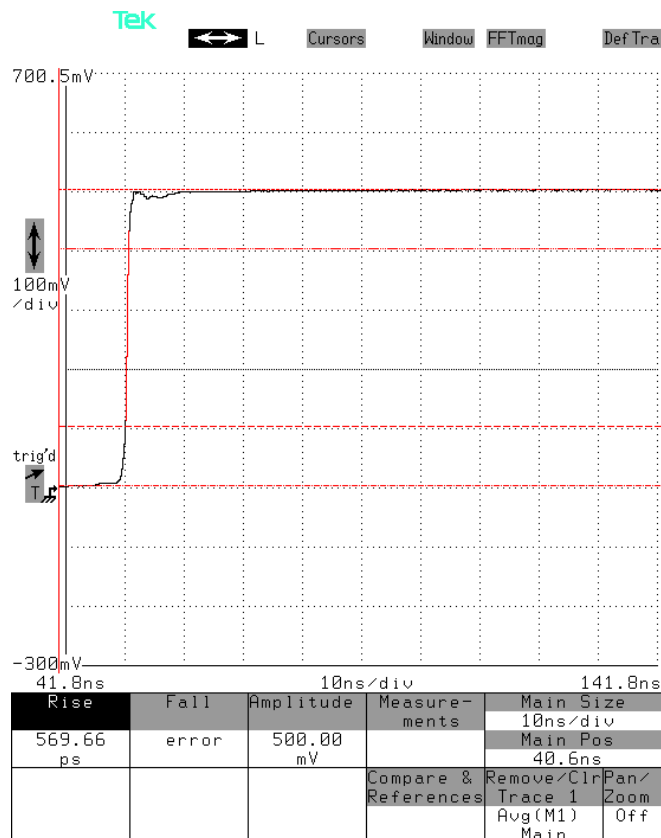
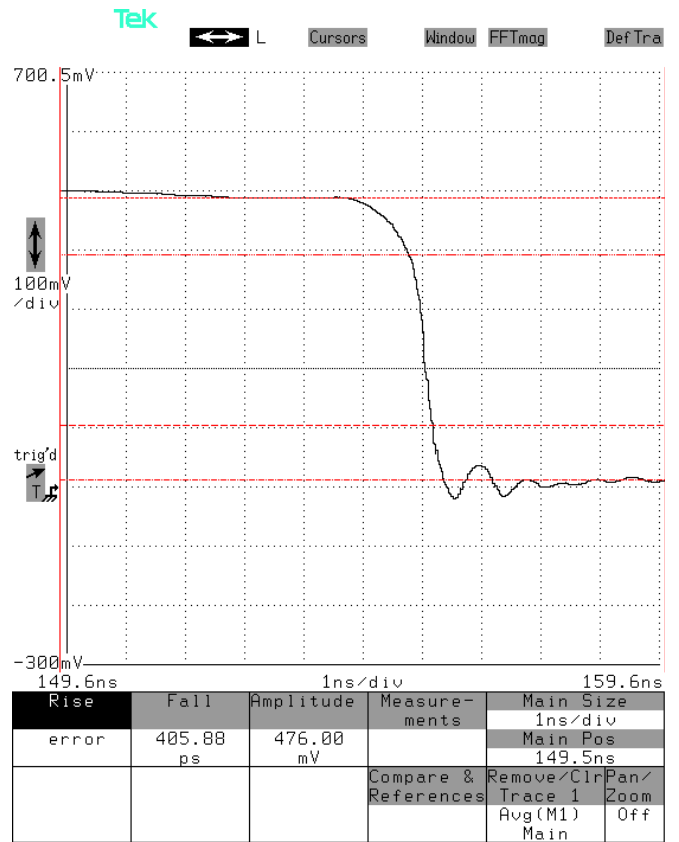
Positive, Rising Edge

10 V/div, 1 and 10 ns/div. 5 kHz, 100 ns.



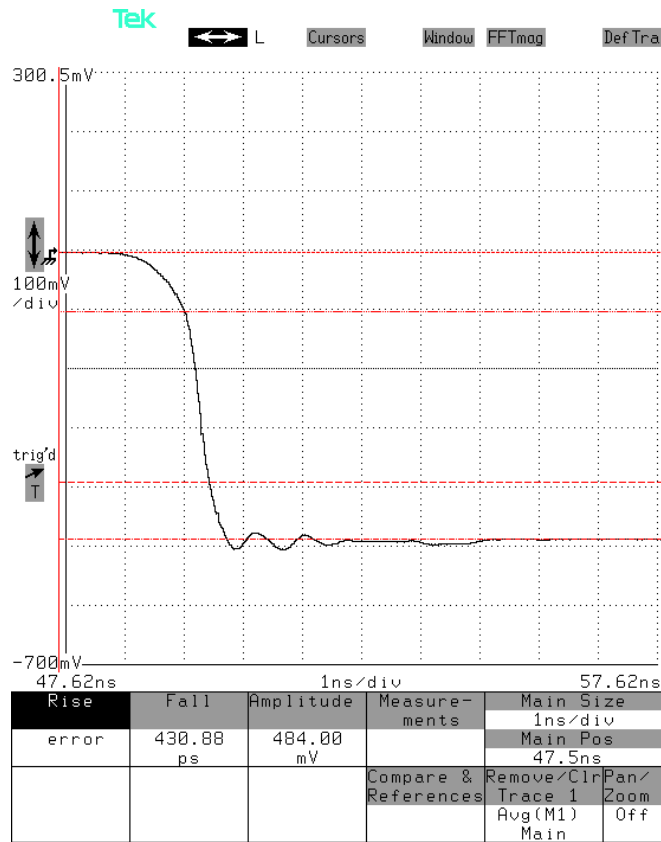
Positive, Falling Edge

10 V/div, 1 and 10 ns/div. 5 kHz, 100 ns.



Negative, Rising Edge

10 V/div, 1 and 10 ns/div. 5 kHz, 100 ns.



Negative, Falling Edge

10 V/div, 1 and 10 ns/div. 5 kHz, 100 ns.

