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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-E3A-B-PN-AC22
Type: Ultra-High-Speed Pulse Generator
S.N.: 14237
Date: May 10, 2022

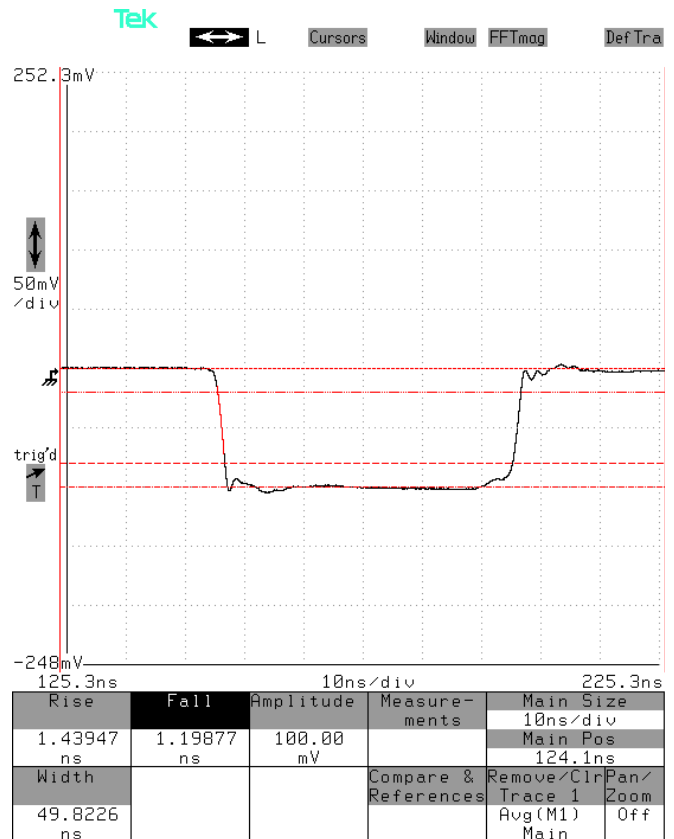
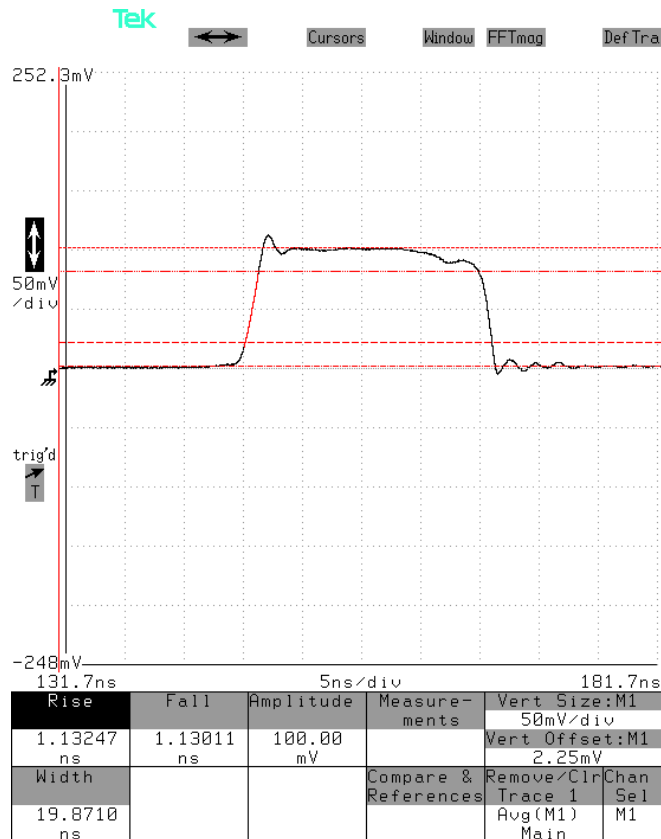
Output Amplitude: up to $\pm 100V$, to 50Ω
Pulse Width (FWHM): 15 – 500 ns
Rise Time (20%-80%): ≤ 1.5 ns
Fall Time (80%-20%): ≤ 2.5 ns
PRF: up to 200 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

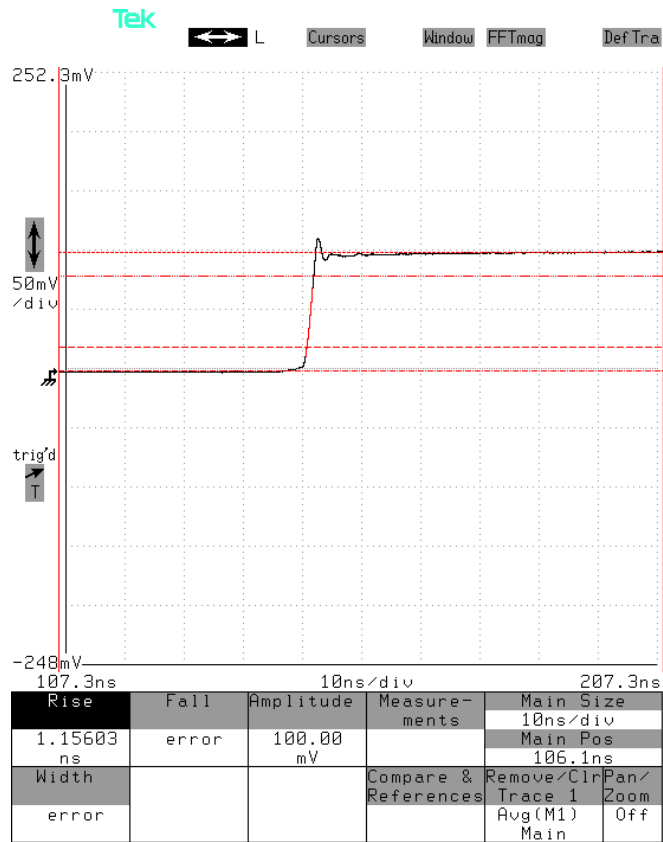
Full pulse at 200 kHz, 20 ns, +100V,
5 ns/div. 50 V/div (50 mV/div \times 60 dB):

Full pulse at 200 kHz, 50 ns, -100V,
10 ns/div. 50 V/div (50 mV/div \times 60 dB):



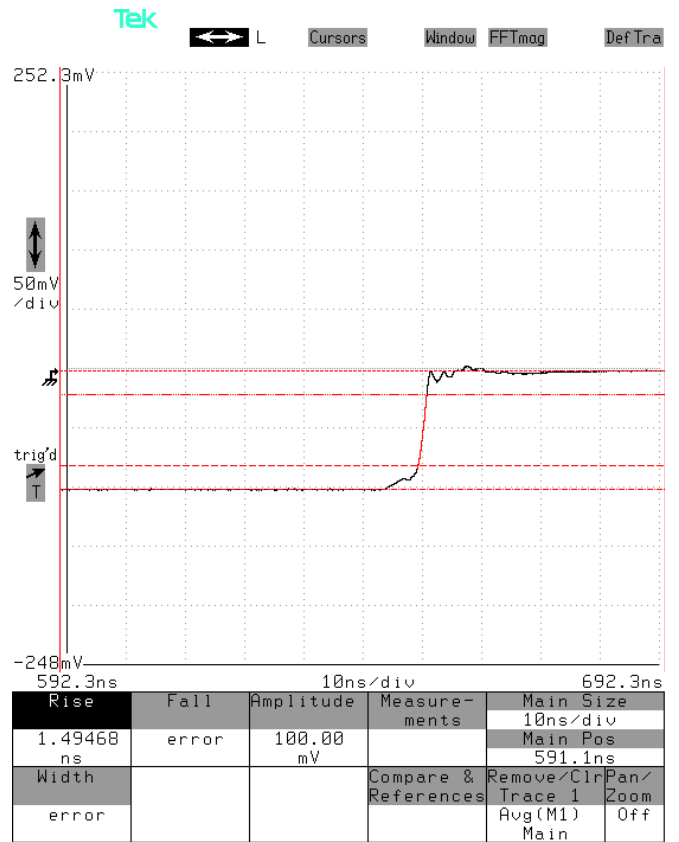
Leading edge at 40 kHz, 500 ns, +100V,

10 ns/div. 50 V/div (50 mV/div × 60 dB):



Trailing edge at 40 kHz, 500 ns, -100V,

10 ns/div. 50 V/div (50 mV/div × 60 dB):



Full pulse at 40 kHz, 500 ns, +100V,

100 ns/div. 50 V/div (50 mV/div × 60 dB):

