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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVMR-2D-B-PN-AK1-AK8-OT-AC22
Type: Ultra-High-Speed Pulse Generator
S.N.: 13950
Date: May 29, 2020

Output Amplitude: up to $\pm 20V$, to 50Ω
Pulse Width (FWHM): 0.5 to 200 ns
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 300 ps
PRF: 1 Hz - 10 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

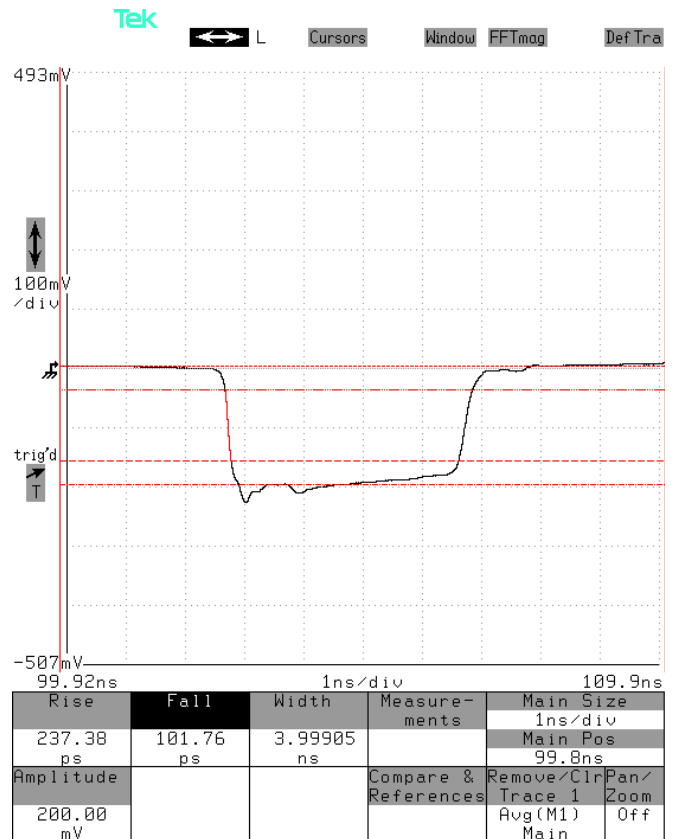
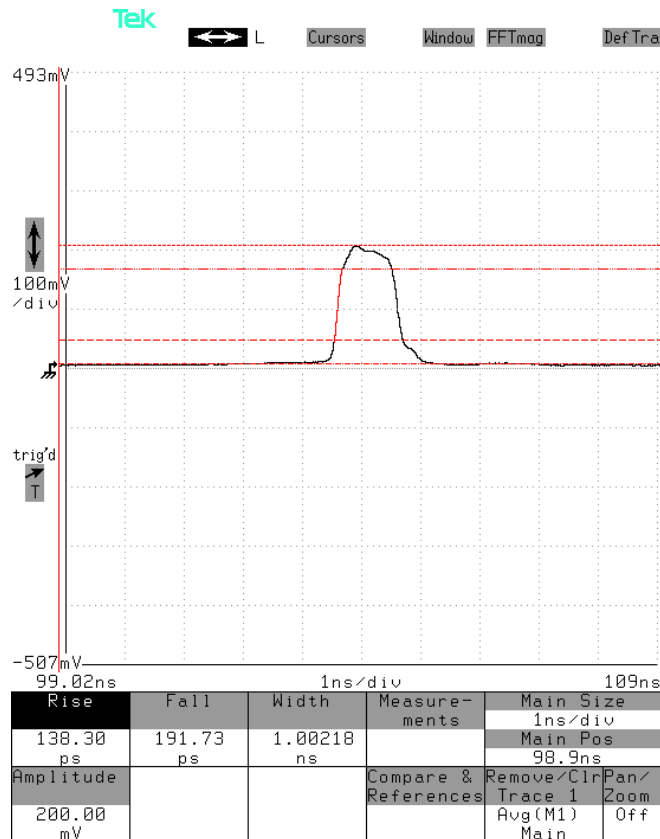
Test Waveforms

1 MHz, 1 ns, +20V,

1 MHz, 4 ns, -20V,

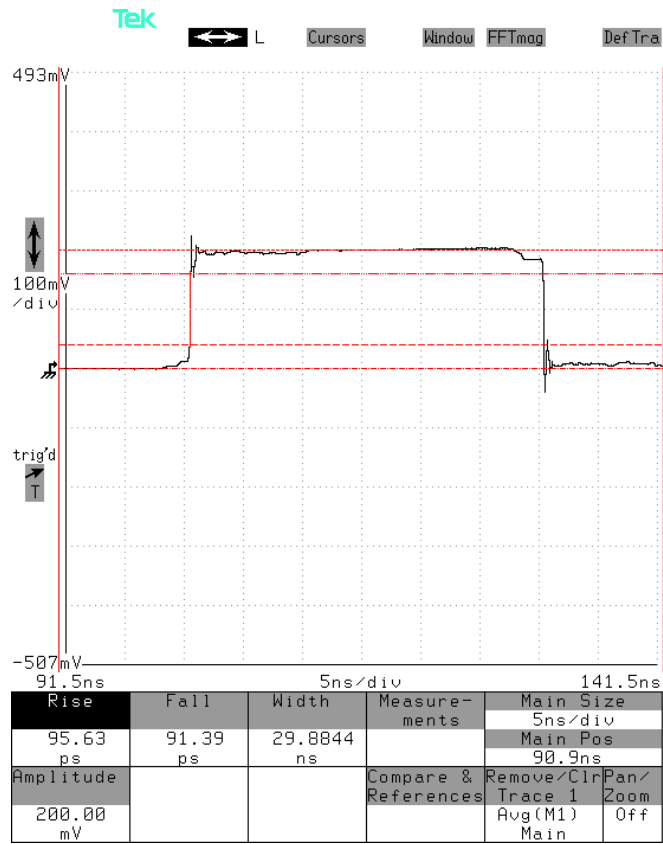
1 ns/div. 10 V/div (100 mV/div \times 40 dB):

1 ns/div. 10 V/div (100 mV/div \times 40 dB):



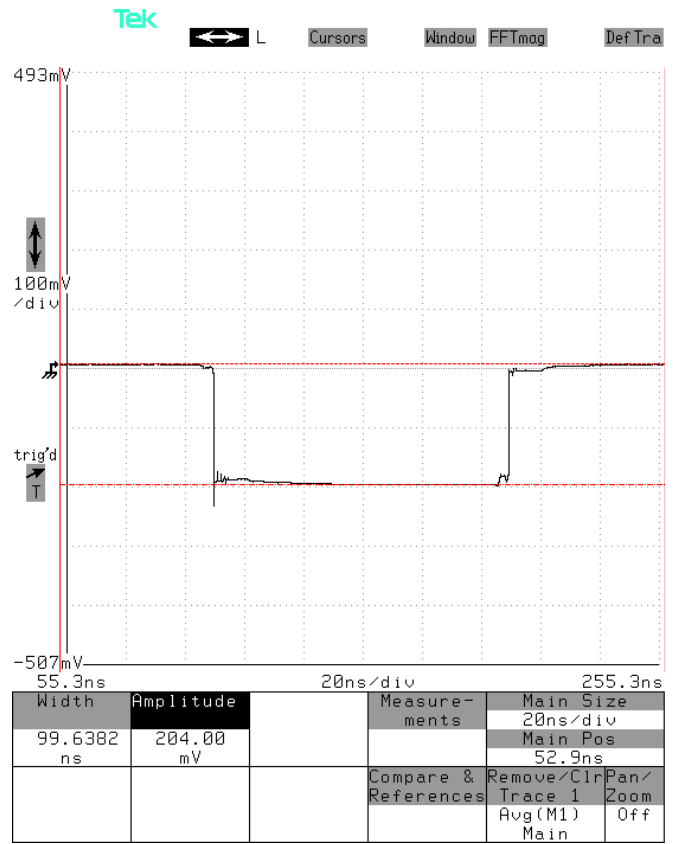
1 MHz, 30 ns, +20V,

5 ns/div. 10 V/div (100 mV/div × 40 dB):

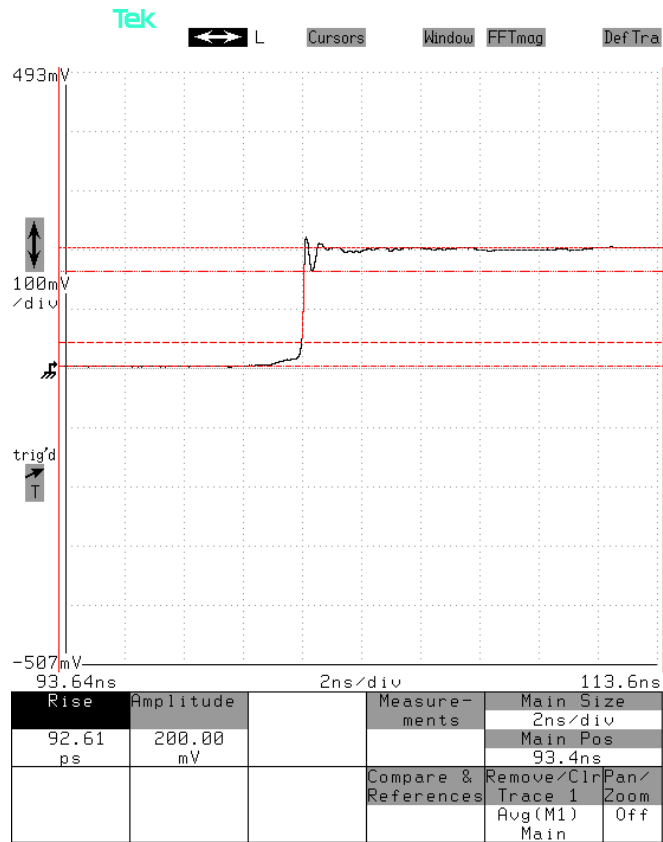


100 kHz, 100 ns, -20V,

20 ns/div. 10 V/div (100 mV/div × 40 dB):



100 kHz, 200 ns, +20V, leading edge,
 2 ns/div. 10 V/div (100 mV/div × 40 dB):



100 kHz, 200 ns, +20V, trailing edge,
 2 ns/div. 10 V/div (100 mV/div × 40 dB):

