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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVI-V-HV1A-B-PN-AC06
Type: Ultra-High-Speed Pulse Generator
S.N.: 13881
Date: May 23, 2019

Output Amplitude: up to +50V, to 50Ω
Pulse Width (FWHM): 2 to 100 ns
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 3 ns
PRF: 1 Hz - 20 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

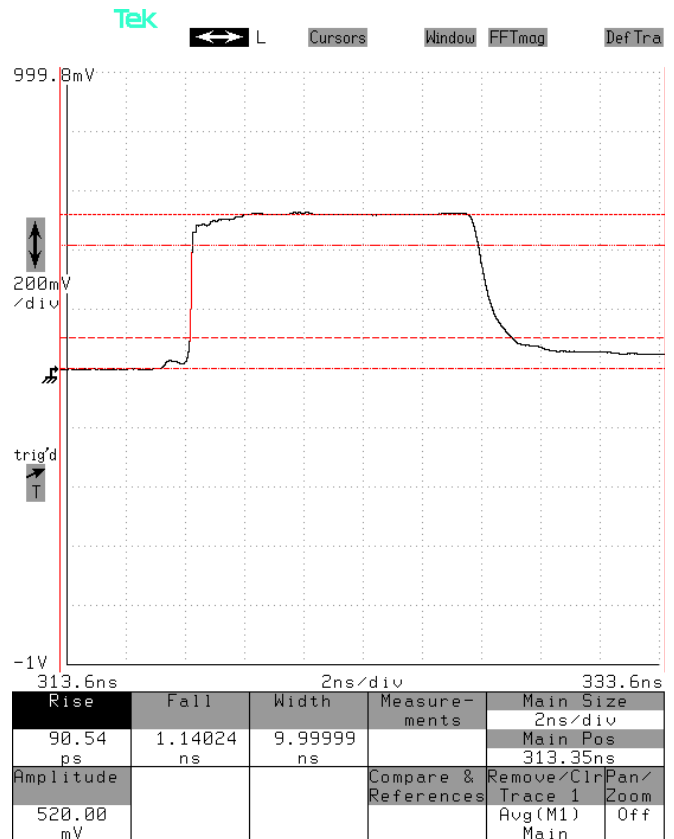
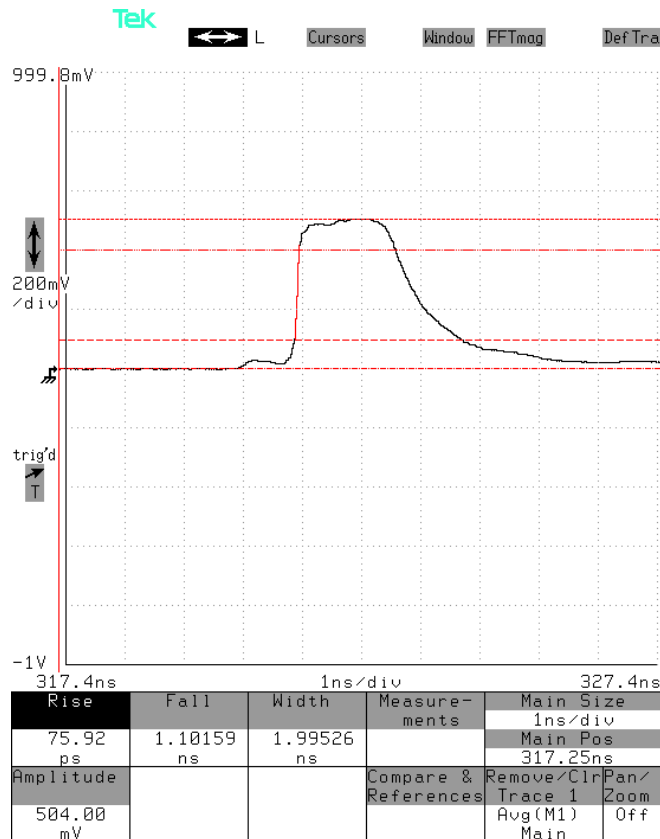
Test Waveforms

10 kHz, 2 ns, > +50V,

10 kHz, 10 ns, > +50V,

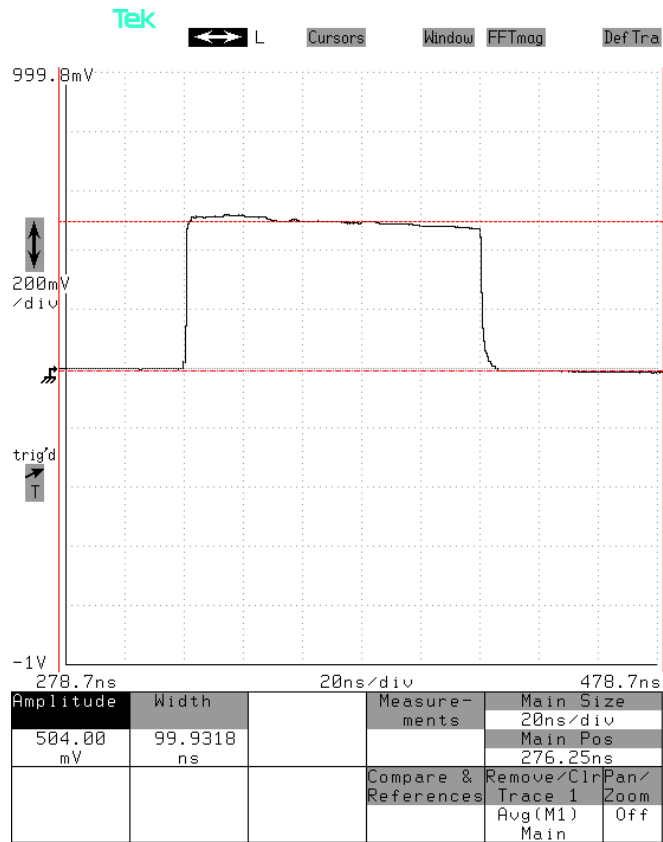
1 ns/div. 20 V/div (200 mV/div × 40 dB):

2 ns/div. 20 V/div (200 mV/div × 40 dB):



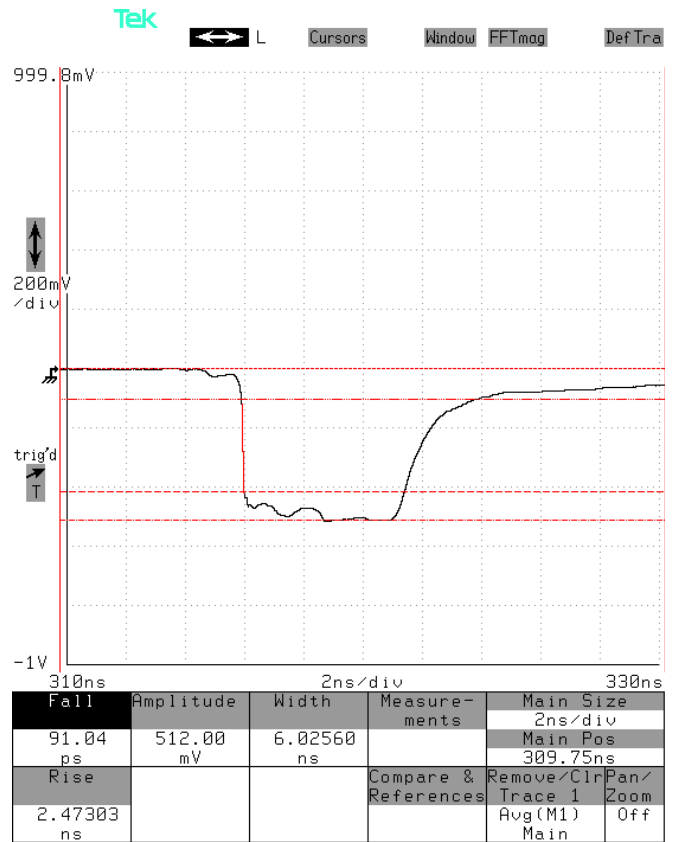
10 kHz, 100 ns, > +50V,

20 ns/div. 20 V/div (200 mV/div × 40 dB):



10 kHz, 6 ns, > -50V,

2 ns/div. 20 V/div (200 mV/div × 40 dB):



10 kHz, 100 ns, > -50V,

20 ns/div. 20 V/div (200 mV/div × 40 dB):

