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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVI-V-HV2A-B-PN-AC02-AK2
Type: Ultra-High-Speed Pulse Generator
S.N.: 14025
Date: September 21, 2020

Output Amplitude: up to $\pm 100V$, to 50Ω
Pulse Width (FWHM): 4 – 100 ns
Rise Time (20%-80%): ≤ 300 ps
Fall Time (80%-20%): ≤ 4 ns
PRF: 1 Hz - 20 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

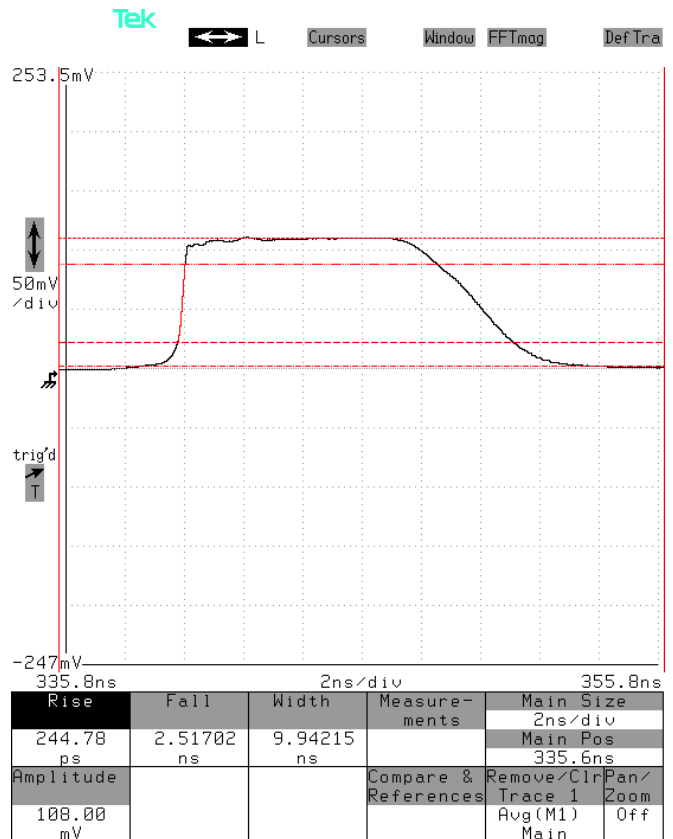
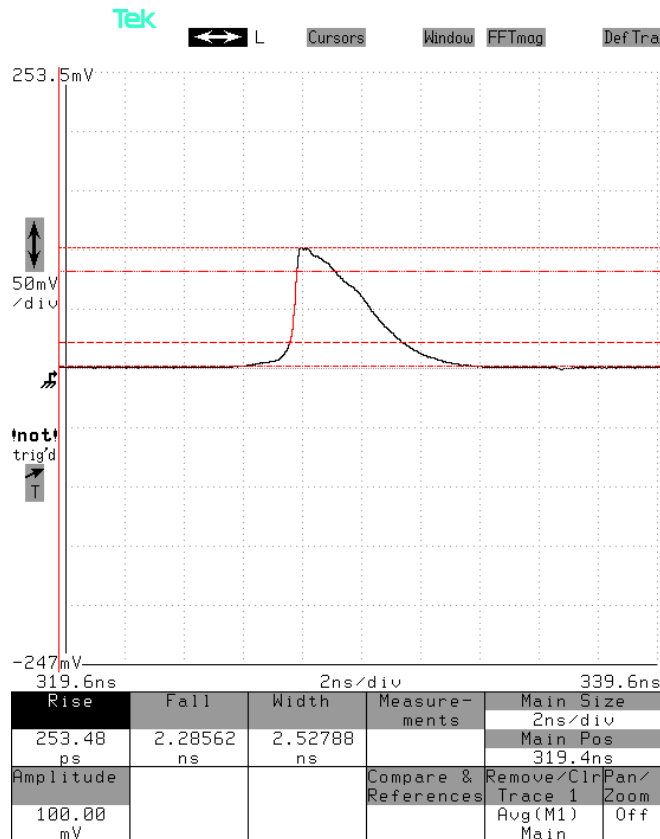
Test Waveforms

10 kHz, < 4 ns, > +100V,

10 kHz, 10 ns, > +100V,

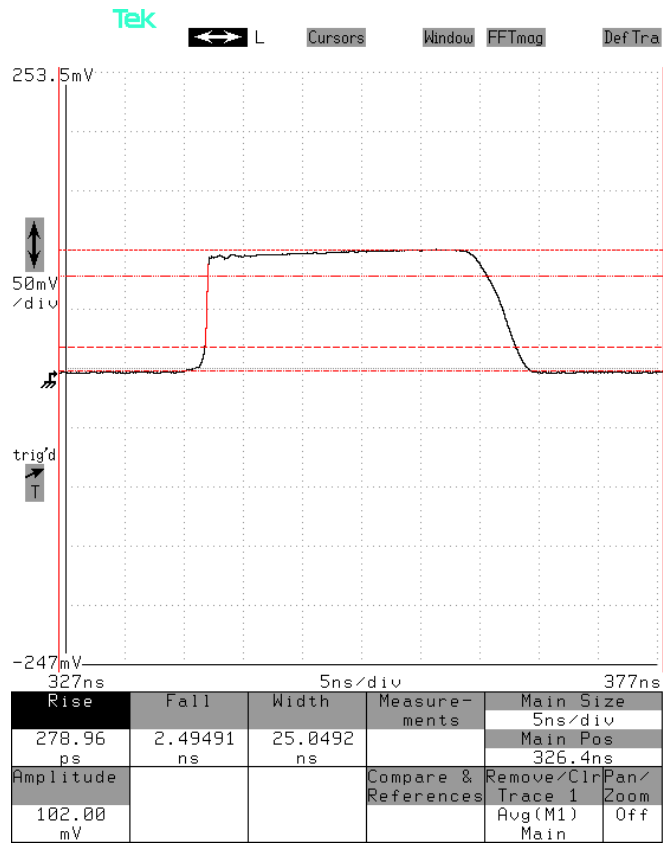
2 ns/div. 50 V/div (50 mV/div \times 60 dB):

2 ns/div. 50 V/div (50 mV/div \times 60 dB):



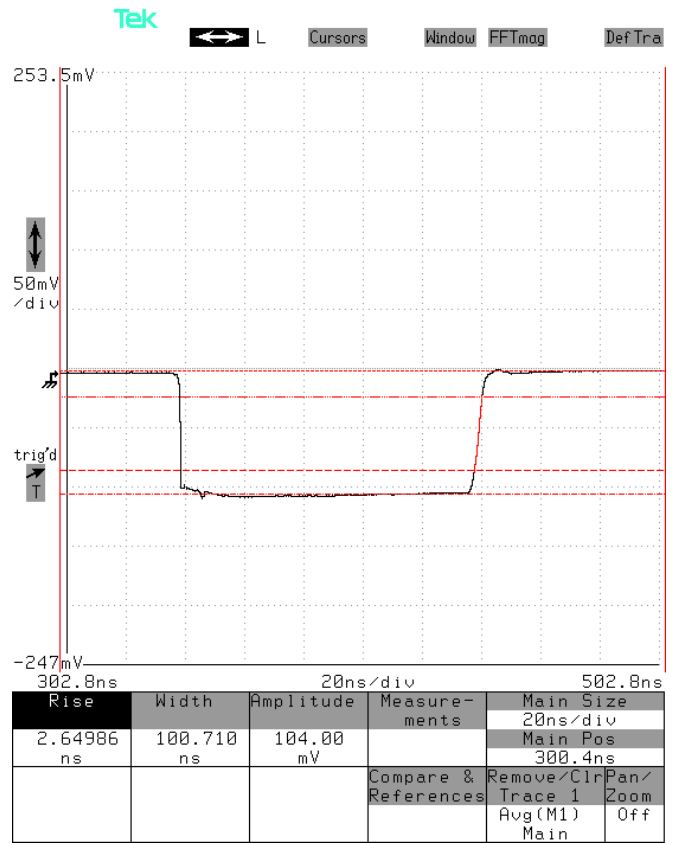
20 kHz, 25 ns, > +100V,

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



20 kHz, 100 ns, > -100V,

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



Same as last waveform, but scaled to show the leading edge,

20 kHz, 100 ns, > -100V,

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

