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BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AVI-V-HV2A-B-P-AK1-AK8
Type: Ultra-High-Speed Pulse Generator
S.N.: 13181 (modified)
Date: April 21, 2016

Output Amplitude: up to +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: →

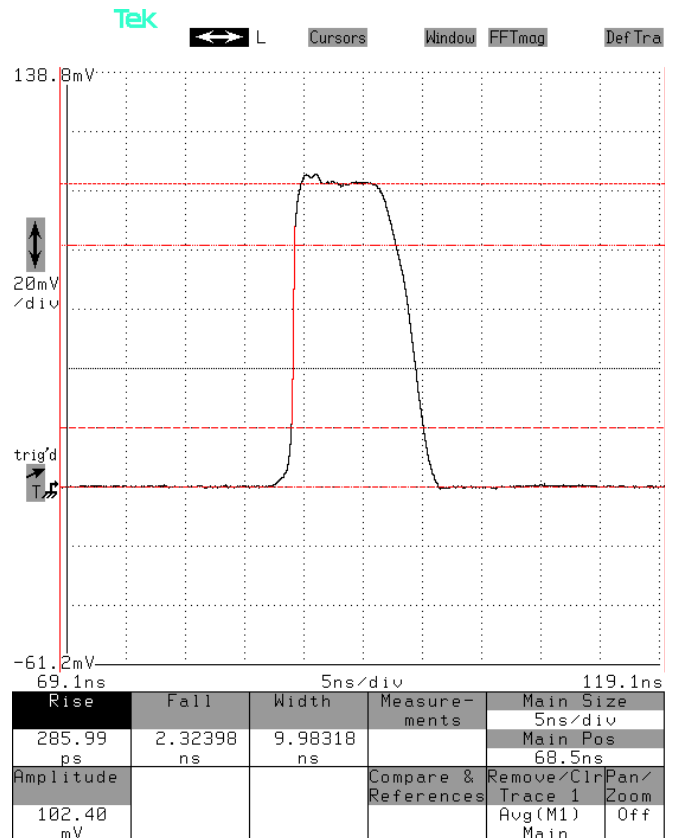
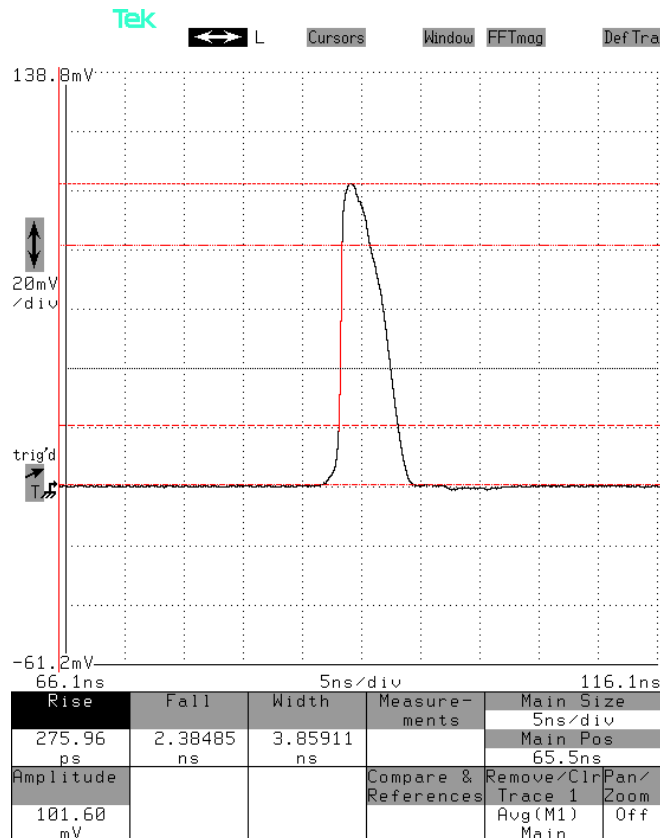
Test Waveforms

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

20 kHz, 10 ns, > +100V,

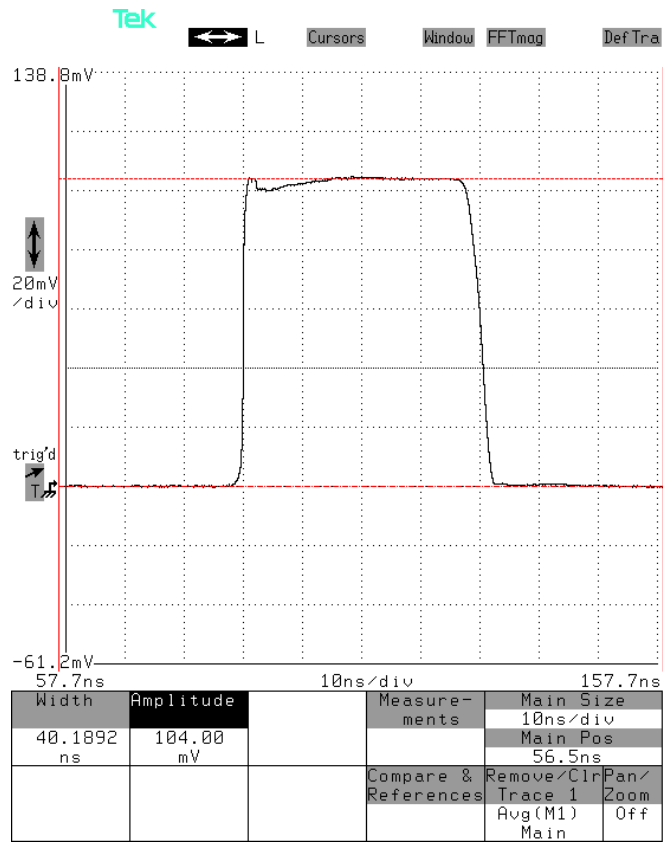
5 ns/div. 20 V/div (20 mV/div × 60 dB):

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



20 kHz, 40 ns, > +100V,

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



20 kHz, 100 ns, +100V,

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

