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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVPP-1-B-PN-M-AK1-CC1-R5-OT
Type: Ultra-High-Speed Pulse Generator
S.N.: 14200
Date: December 17, 2021

Output Amplitude: up to $\pm 10V$, to 50Ω
Pulse Width (FWHM): 0.4 to 100 ns
Rise Time (20%-80%): ≤ 120 or 150 ps
Fall Time (80%-20%): ≤ 150 or 420 ps
PRF: 1 Hz – 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

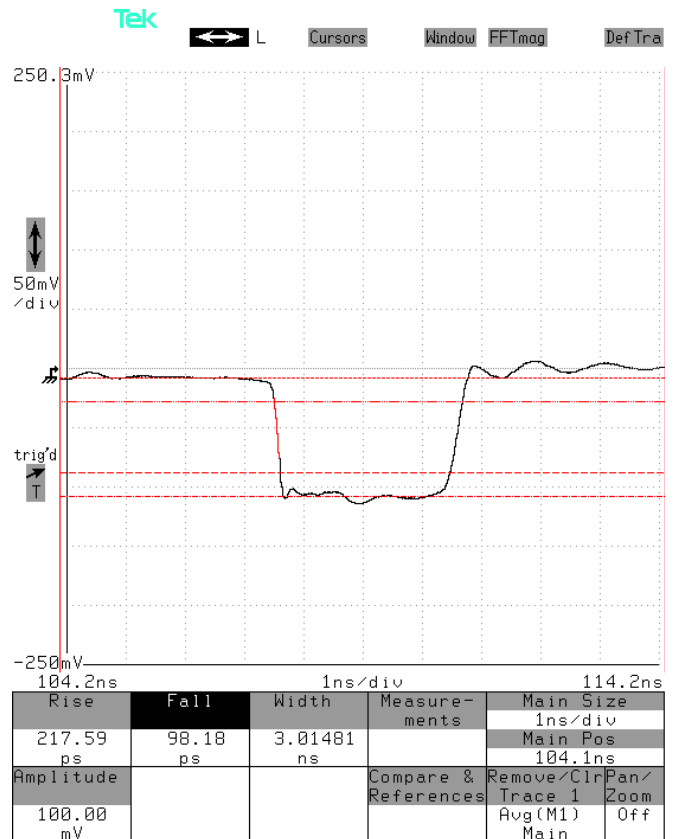
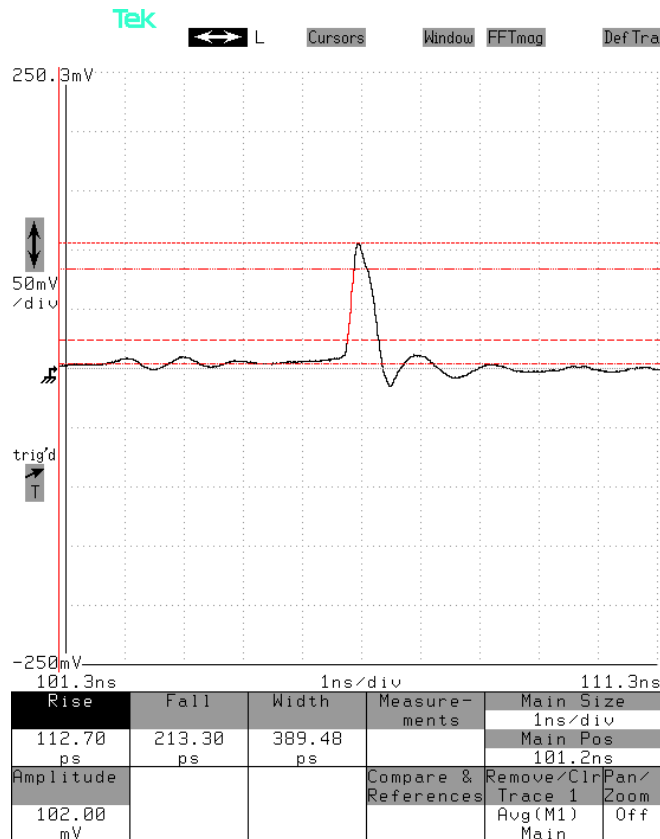
Test Waveforms

100 kHz, 0.4 ns, +10V,

1 ns/div. 5 V/div (50 mV/div \times 40 dB):

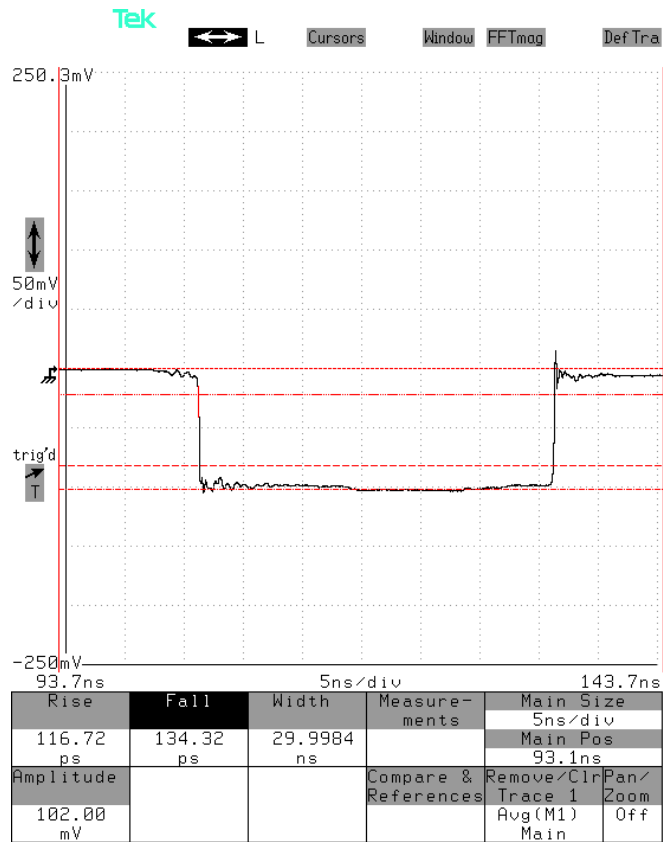
100 kHz, 3 ns, -10V,

1 ns/div. 5 V/div (50 mV/div \times 40 dB):



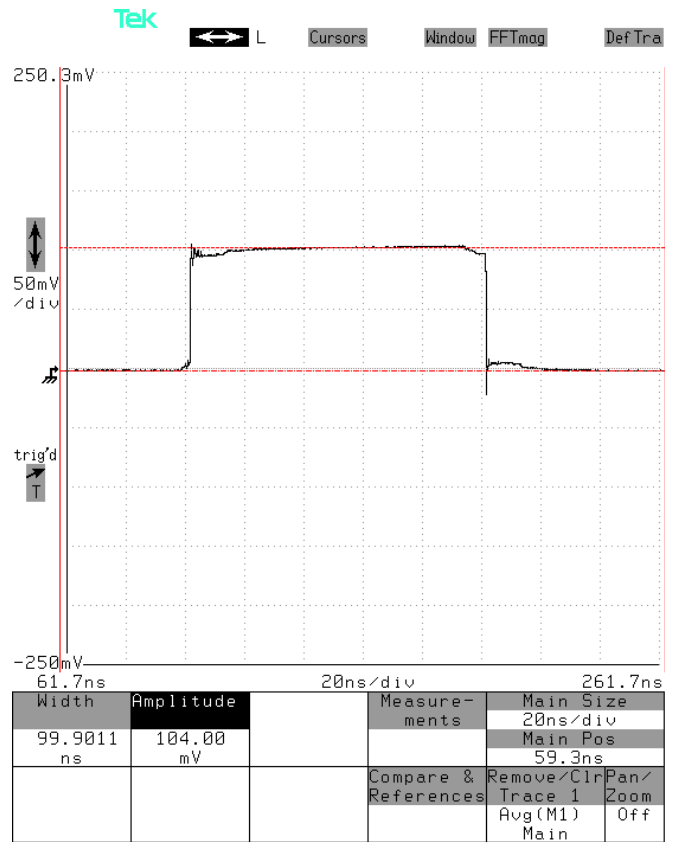
100 kHz, 30 ns, -10V,

5 ns/div. 5 V/div (50 mV/div × 40 dB):



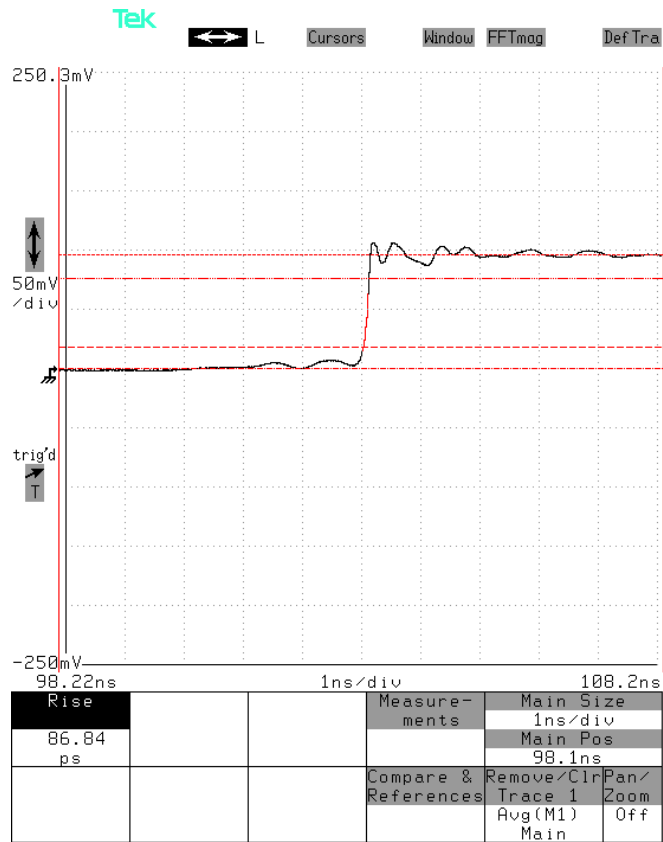
100 kHz, 100 ns, > +10V, full pulse

20 ns/div. 5 V/div (50 mV/div × 40 dB):



100 kHz, 100 ns, > +10V, leading edge,

1 ns/div. 5 V/div (50 mV/div × 40 dB):



100 kHz, 100 ns, > +10V, trailing edge,

2 ns/div. 5 V/div (50 mV/div × 40 dB):

