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BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVPP-2A-B-P-M-R5
Type: Ultra-High-Speed Pulse Generator
S.N.: 12814
Date: June 27, 2012

Output Amplitude: up to +20V, to 50Ω
Pulse Width (FWHM): < 0.6 ns to 1 us
Rise Time (20%-80%): ≤ 250 ps
Fall Time (80%-20%): ≤ 500 ps / 350 ps
PRF: 1 Hz - 100 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

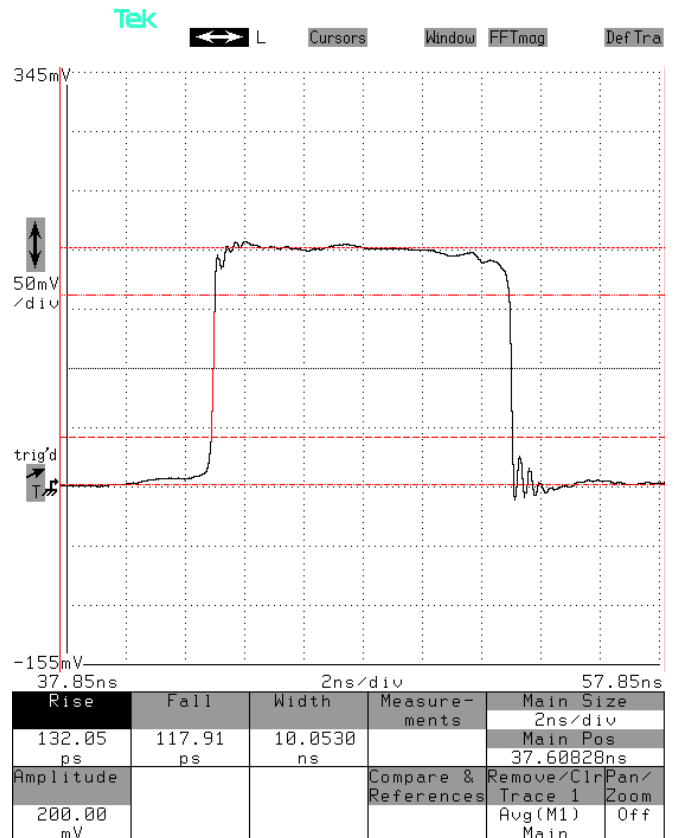
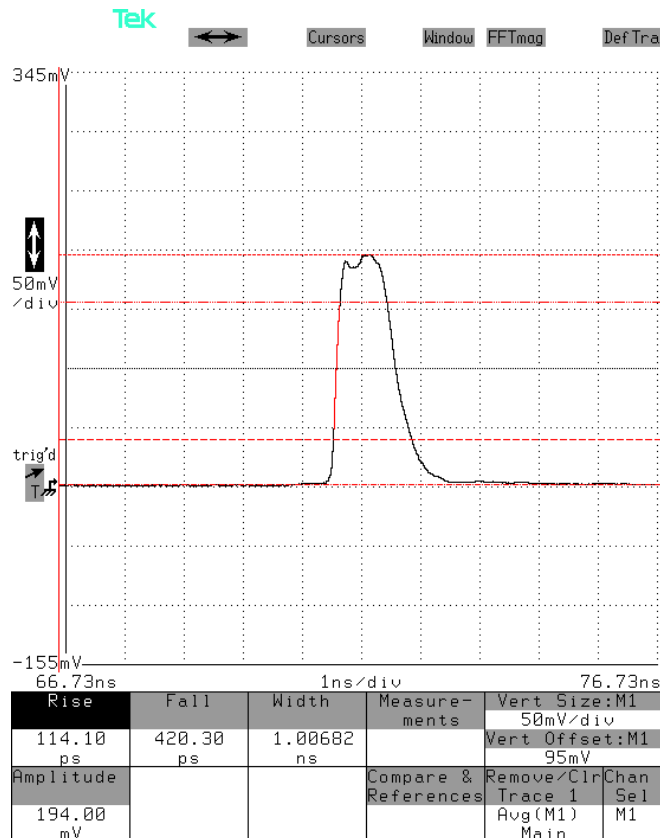
Test Waveforms

100 kHz, 1 ns, +20V,

1 ns/div. 5 V/div (50 mV × 40 dB):

100 kHz, 10 ns, +20V,

2 ns/div. 5 V/div (50 mV × 40 dB):



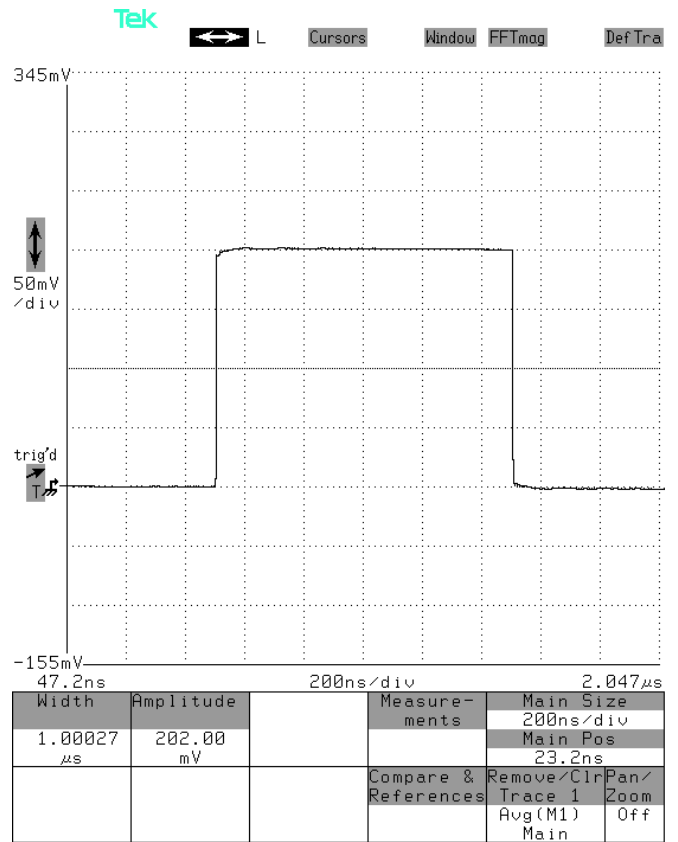
100 kHz, 100 ns, +20V,

20 ns/div. 5 V/div (50 mV × 40 dB):



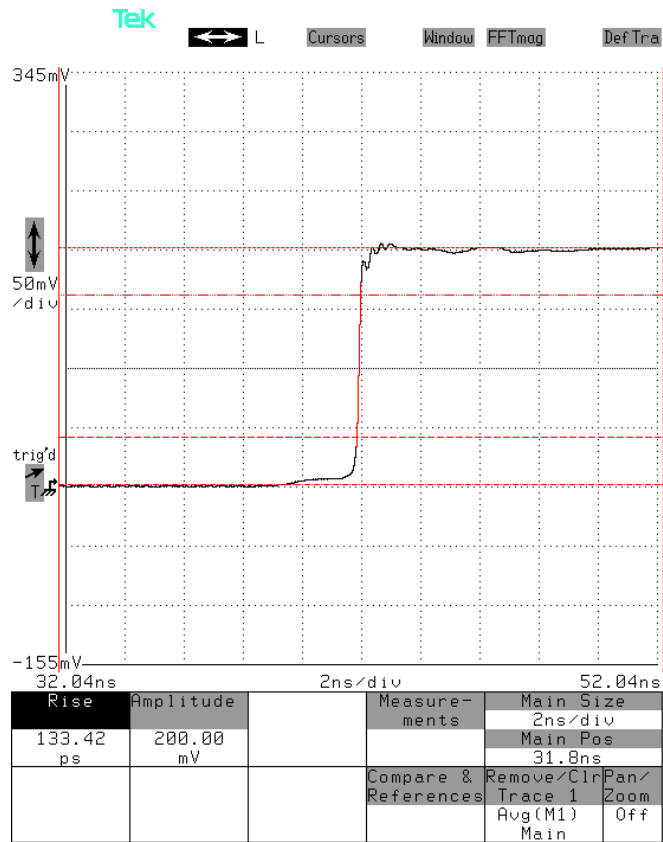
10 kHz, 1 μs, +20V,

200 ns/div. 5 V/div (50 mV × 40 dB):



Leading edge at 10 kHz, 1 us, +20V,

2 ns/div. 5 V/div (50 mV × 40 dB):



Falling edge at 10 kHz, 1 us, +20V,

2 ns/div. 5 V/div (50 mV × 40 dB):

