



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVPP-2-B-N
Type: Ultra-High-Speed Pulse Generator
S.N.: 12083
Date: October 14, 2008

Output Amplitude: 0 to -20V, to 50Ω
Pulse Width (FWHM): 0.6 ns – 100 ns
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 350, 500 ps
PRF: 1 Hz – 100 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

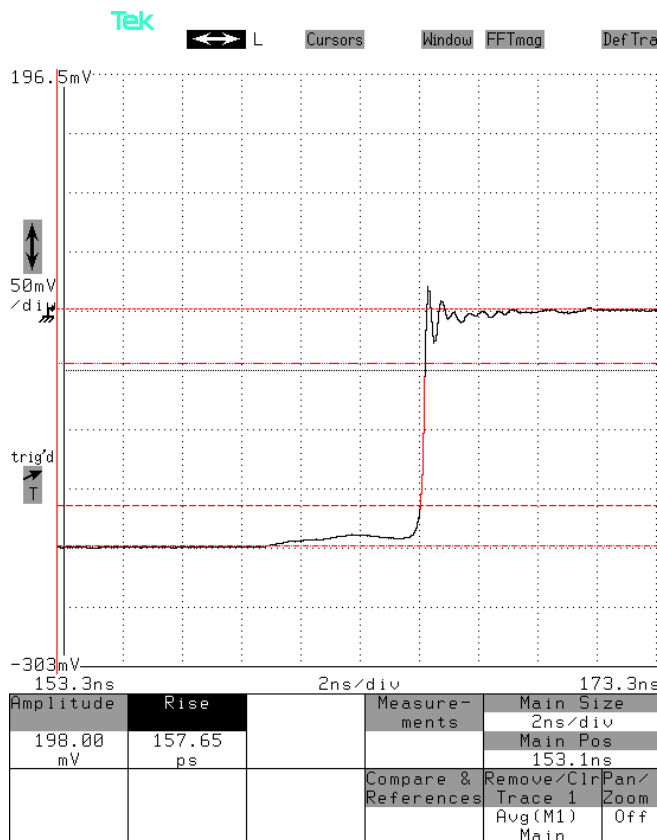
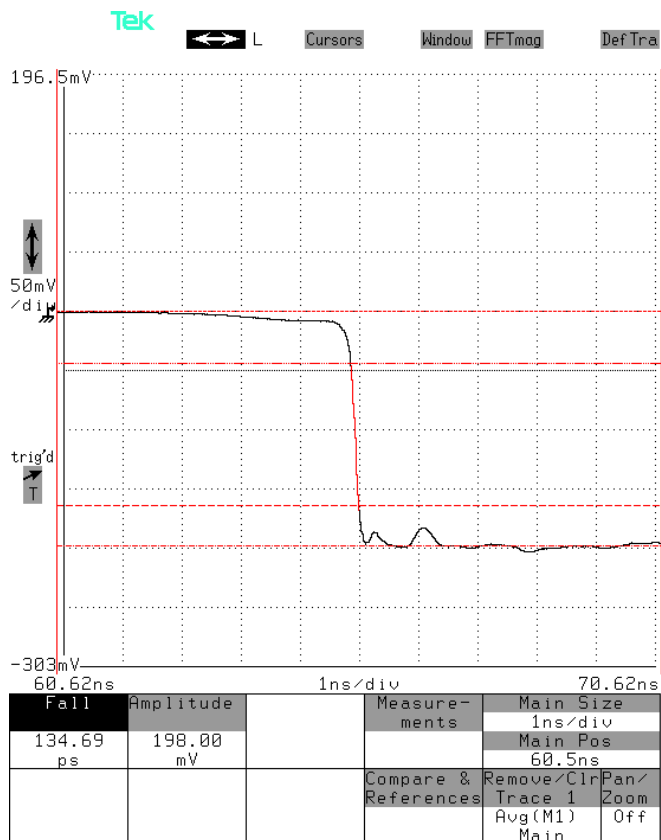
Test Waveforms

Leading edge at 10 kHz, 100 ns, -20V,

Trailing edge at 10 kHz, 100 ns, -20V,

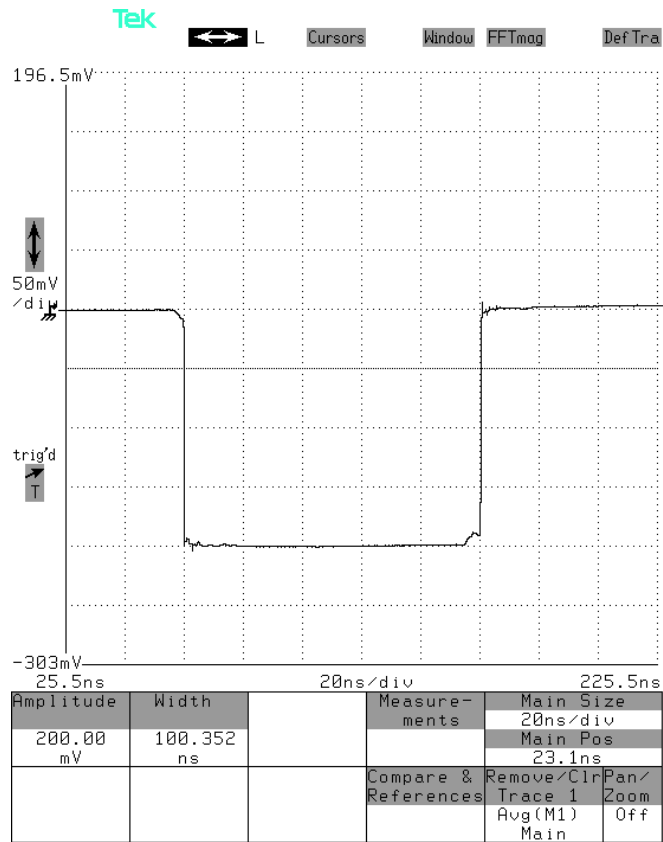
1 ns/div. 5 V/div (50 mV × 40 dB):

2 ns/div. 5 V/div (50 mV × 40 dB):



Full pulse at 10 kHz, 100 ns, -20V,

20 ns/div. 5 V/div (50 mV × 40 dB):



Full pulse at 10 kHz, 4 ns, -20V,

1 ns/div. 5 V/div (50 mV × 40 dB):

