



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
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CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVP-AV-2-B-PN-M
Type: Ultra-High-Speed Pulse Generator
S.N.: 12254
Date: June 1, 2009

Output Amplitude: 0 to ±10V, to 50Ω
Pulse Width (FWHM): 2 to 50 ns
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 200 ps
PRF: 1 Hz - 50 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

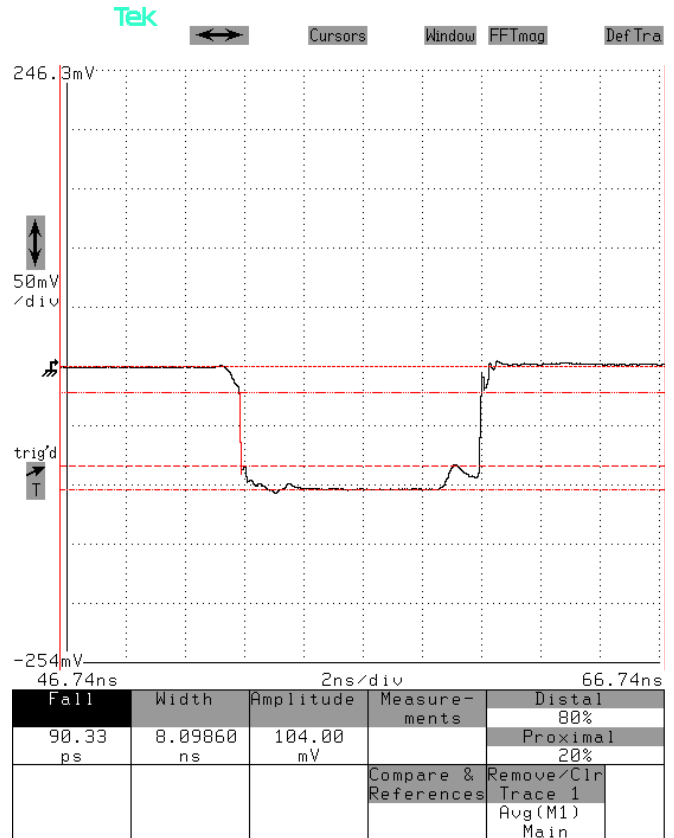
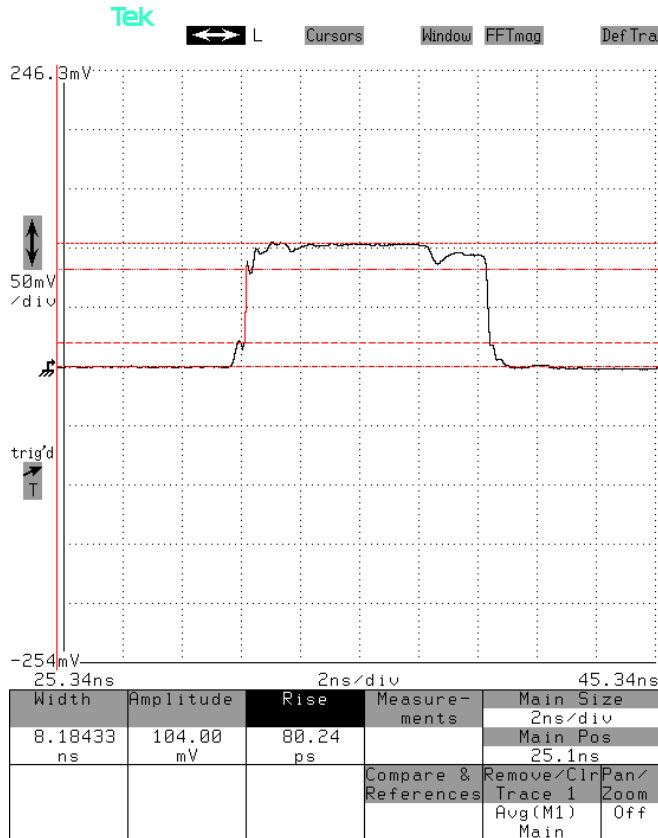
Test Waveforms

10 kHz, 8 ns width, +10V,

10 kHz, 8 ns width, -10V,

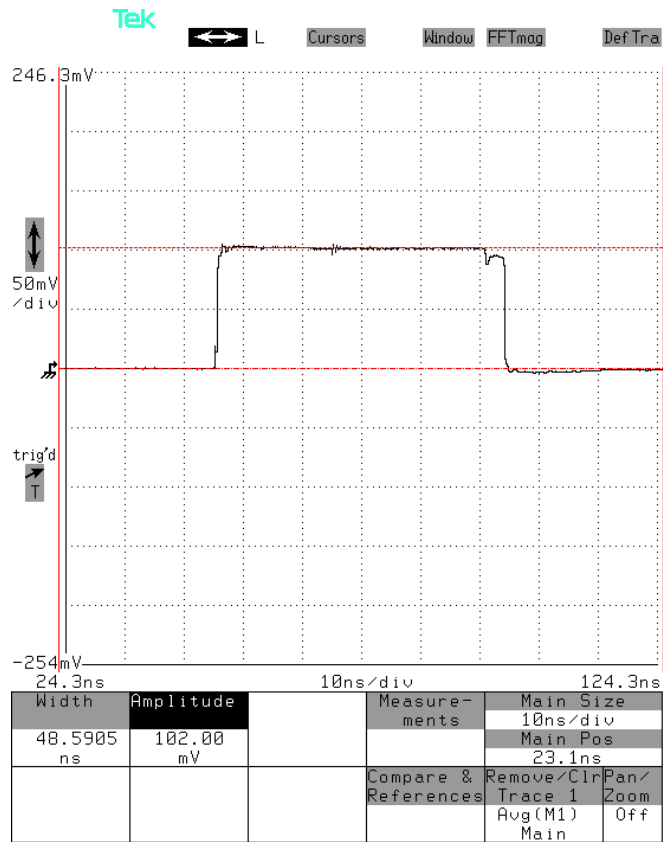
2 ns/div. 5 V/div (50 mV × 40 dB):

2 ns/div. 5 V/div (50 mV × 40 dB):



10 kHz, 48 ns width, +10V,

10 ns/div. 5 V/div (50 mV × 40 dB):



10 kHz, 48 ns width, -10V,

10 ns/div. 5 V/div (50 mV × 40 dB):

