



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVL-2A-W-B-P-M
Type: Ultra-High-Speed Pulse Generator
S.N.: 13070
Date: September 12, 2013

Output Amplitude: up to +160V, to 50Ω
Pulse Width (FWHM): 3 – 400 ns
Rise Time (20%-80%): ≤ 2 ns
Fall Time (80%-20%): ≤ 3 ns
PRF: 1 Hz - 50 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

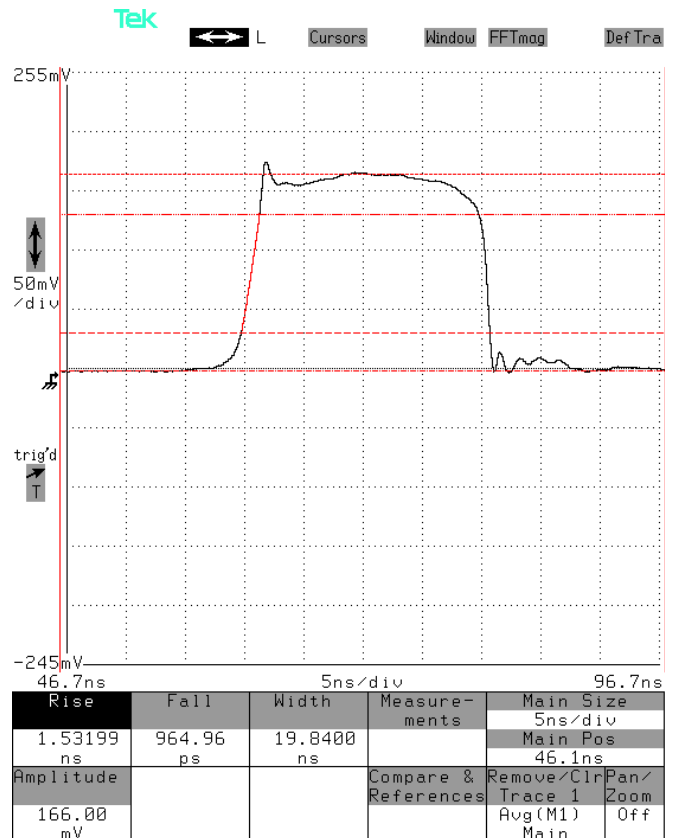
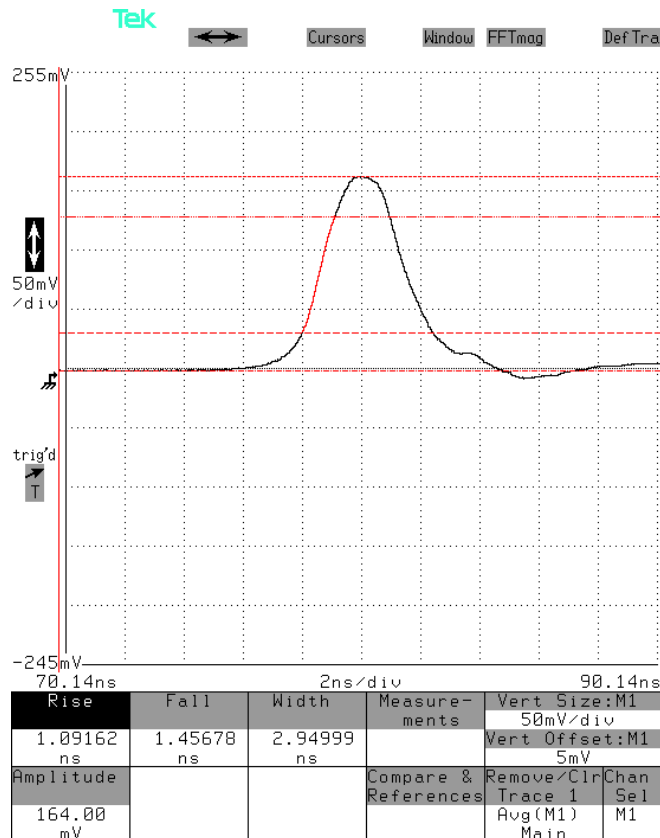
Test Waveforms

20 kHz, < 3 ns, > 160V,

50 kHz, 20 ns, > 160V,

2 ns/div. 50 V/div (50 mV/div × 60 dB):

5 ns/div. 50 V/div (50 mV/div × 60 dB):



50 kHz, 400 ns, > 160V,

50 ns/div. 50 V/div (50 mV/div × 60 dB):

