



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVI-V-3L-B-PN
Type: Ultra-High-Speed Pulse Generator
S.N.: 13566
Date: April 26, 2017

Output Amplitude: up to $\pm 40V$, to 50Ω
Pulse Width (FWHM): 1 to 20 ns
Rise Time (20%-80%): ≤ 500 ps
Fall Time (80%-20%): ≤ 500 ps
PRF: 1 Hz - 100 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

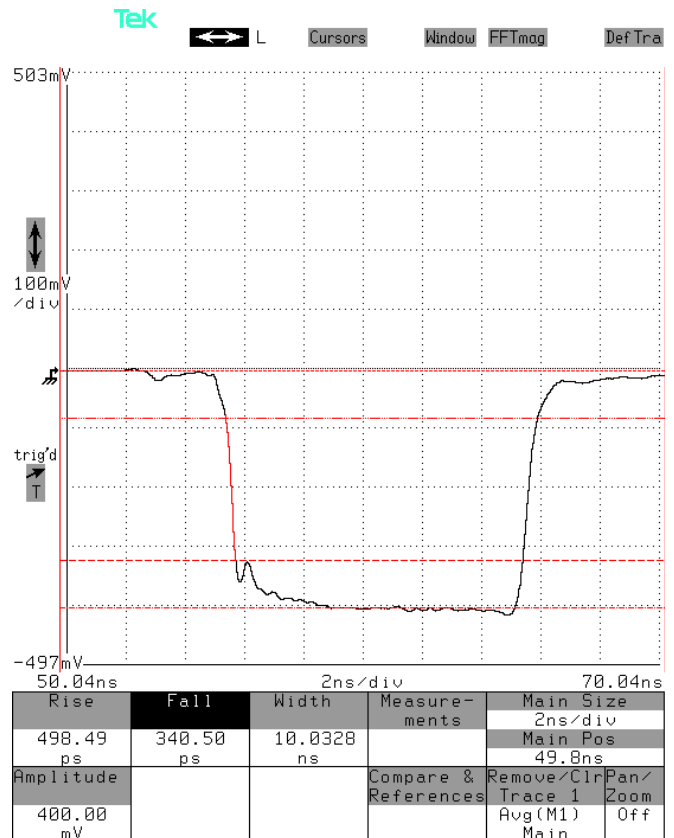
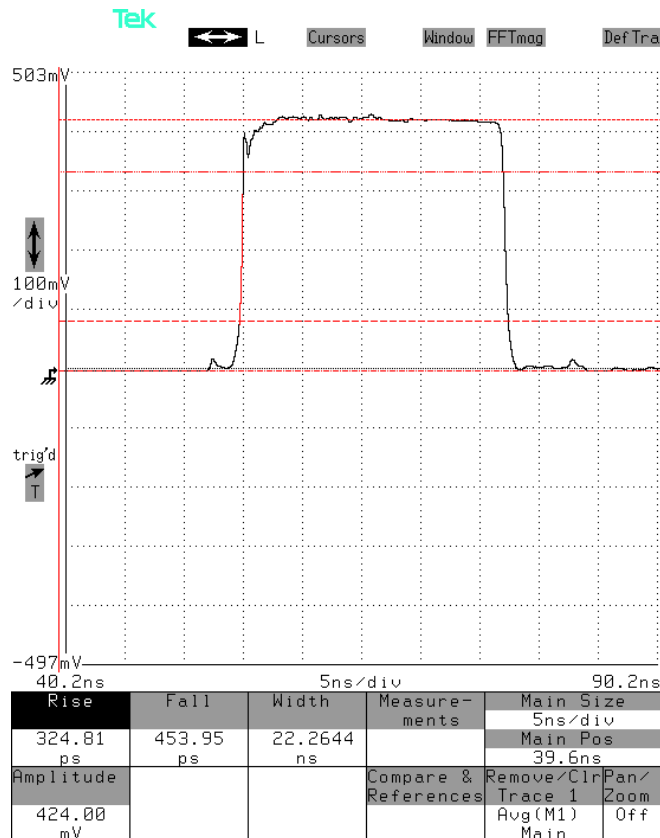
Test Waveforms

10 kHz, > 20 ns, > +40V,

10 kHz, 10 ns, -40V,

5 ns/div. 10 V/div (100 mV/div \times 40 dB):

2 ns/div. 10 V/div (100 mV/div \times 40 dB):



10 kHz, < 1 ns, +40V,

2 ns/div. 10 V/div (100 mV/div × 40 dB):

