



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AVMP-3-B-P-OT-ELA-R5
Type: Ultra-High-Speed Pulse Generator
S.N.: 9845 (repair)
Date: January 22, 2015

Output Amplitude: up to $\pm 20V$, to 50Ω
Pulse Width (FWHM): 8 – 100 ns
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 300 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

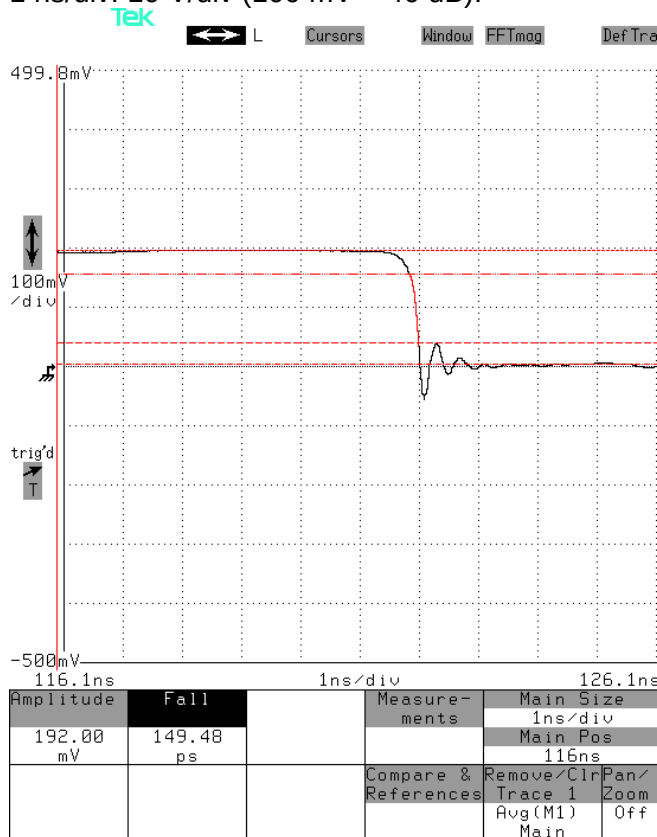
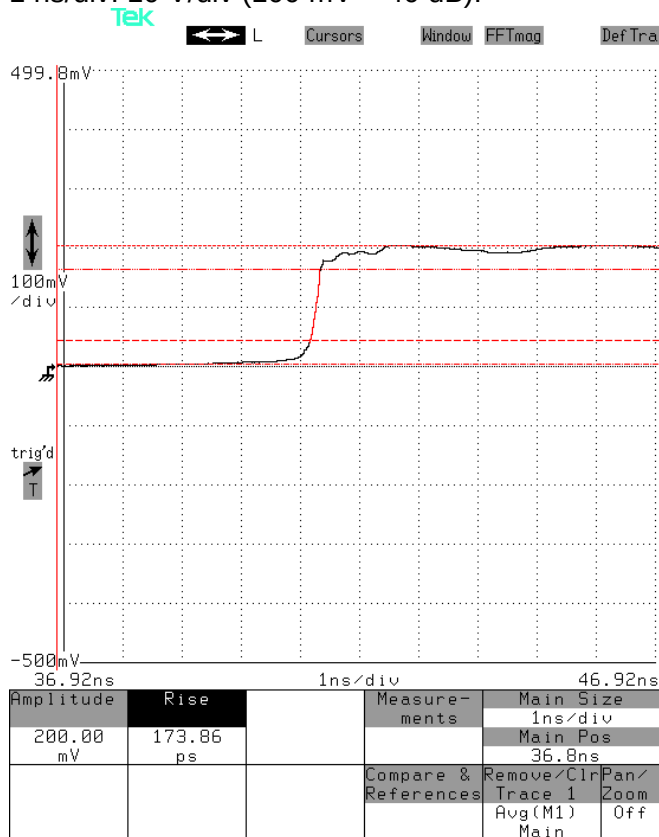
Test Waveforms

Leading edge at 100 kHz, 80 ns, +20V,

Trailing edge at 100 kHz, 80 ns, +20V,

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

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



Full pulse at 100 kHz, 80 ns, +20V,

10 ns/div. 10 V/div (100 mV × 40 dB):

