



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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☒ BOX 5120, LCD MERIVALE  
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## PERFORMANCE CHECKSHEET

Model: AVP-AV-2-B-P-AK1-AK8  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13306  
Date: July 14, 2015

Output Amplitude: up 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: →

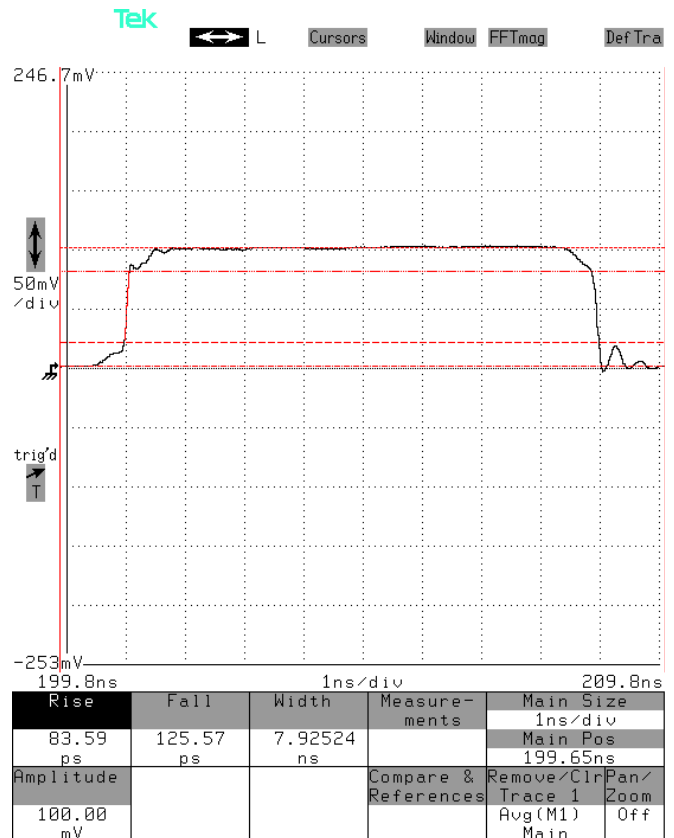
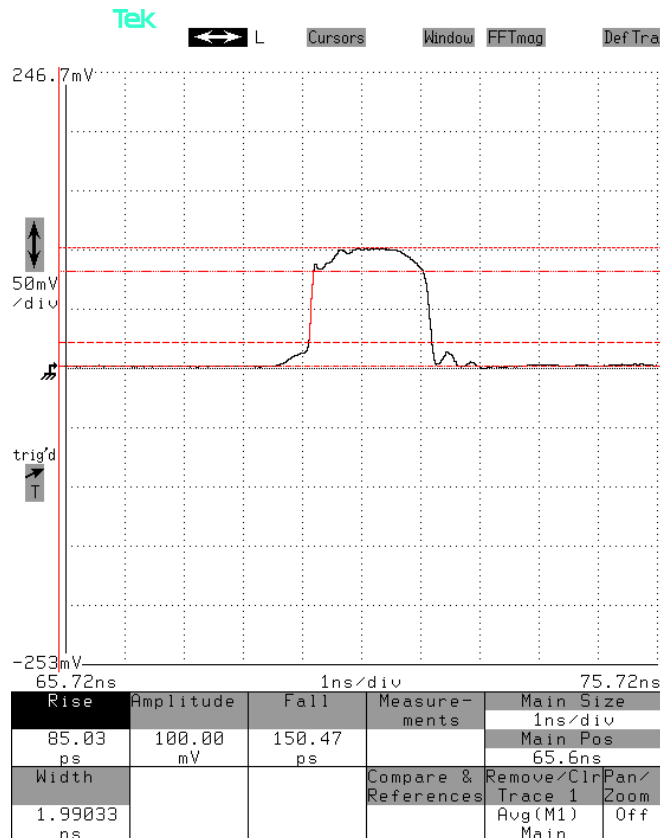
### Test Waveforms

50 kHz, 2 ns, +10V,

10 kHz, 8 ns, +10V,

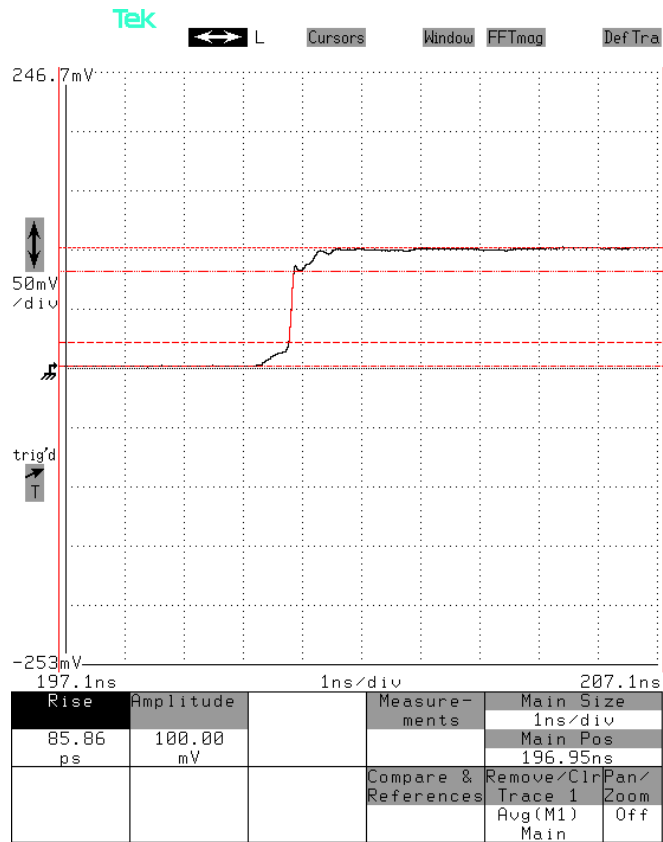
1 ns/div. 5 V/div (50 mV/div × 40 dB):

1 ns/div. 5 V/div (50 mV/div × 40 dB):



Leading edge at 10 kHz, 50 ns, +10V,

1 ns/div. 5 V/div (50 mV/div × 40 dB):



Trailing edge at 10 kHz, 50 ns, +10V,

2 ns/div. 5 V/div (50 mV/div × 40 dB):

