



# 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-1-C-N  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 11517  
Date: June 20, 2006

Output Amplitude: 0 to -10V, to 50Ω  
Pulse Width (FWHM): 0.2 – 4 ns  
Rise Time (20%-80%): ≤ 100 ps  
Fall Time (80%-20%): ≤ 200 ps  
PRF: 100 Hz - 1 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

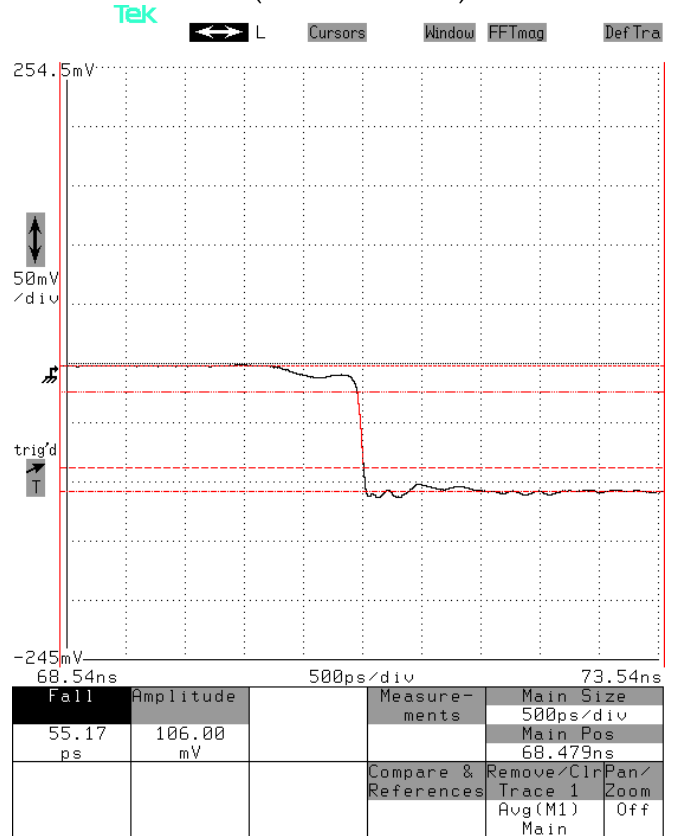
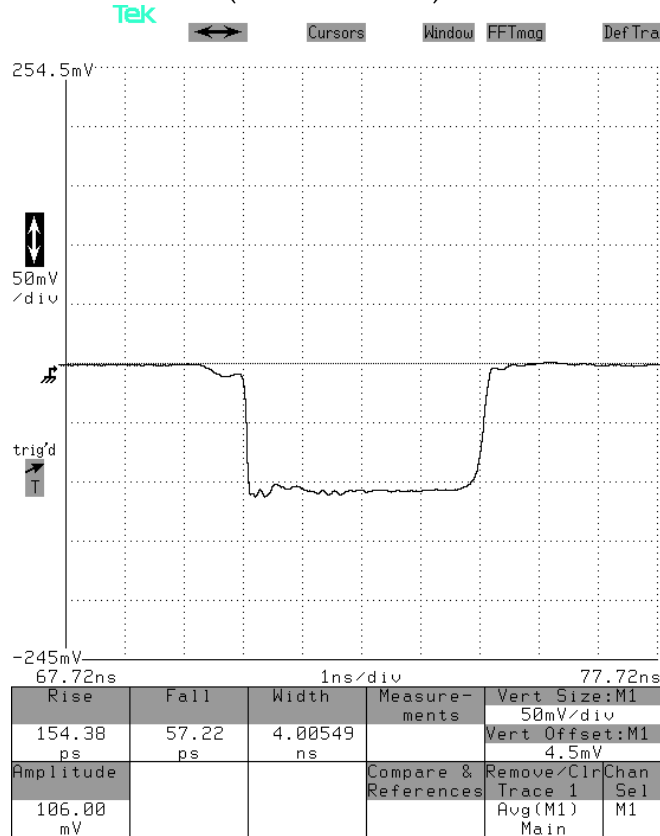
### Test Waveforms

Maximum pulse width and amplitude, 100 kHz.

Maximum pulse width and amplitude, 100 kHz.

1 ns/div. 5 V/div (50 mV × 40 dB):

0.5 ns/div. 5 V/div (50 mV × 40 dB):



Min. pulse width and max. amplitude, 100 kHz.

1 ns/div. 5 V/div (50 mV × 40 dB):

