



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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☒ BOX 5120, LCD MERIVALE  
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## PERFORMANCE CHECKSHEET

Model: AVIR-4D-B-AC02-EA-PN-X2-TNT  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13037  
Date: July 12, 2013

Output Amplitude: up to  $\pm 200V$ , to  $50\Omega$   
Pulse Width (FWHM): 4 ns – 1  $\mu s$   
Rise Time (20%-80%):  $\leq 2$  ns  
Fall Time (80%-20%):  $\leq 2$  ns  
PRF: 1 Hz - 20 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

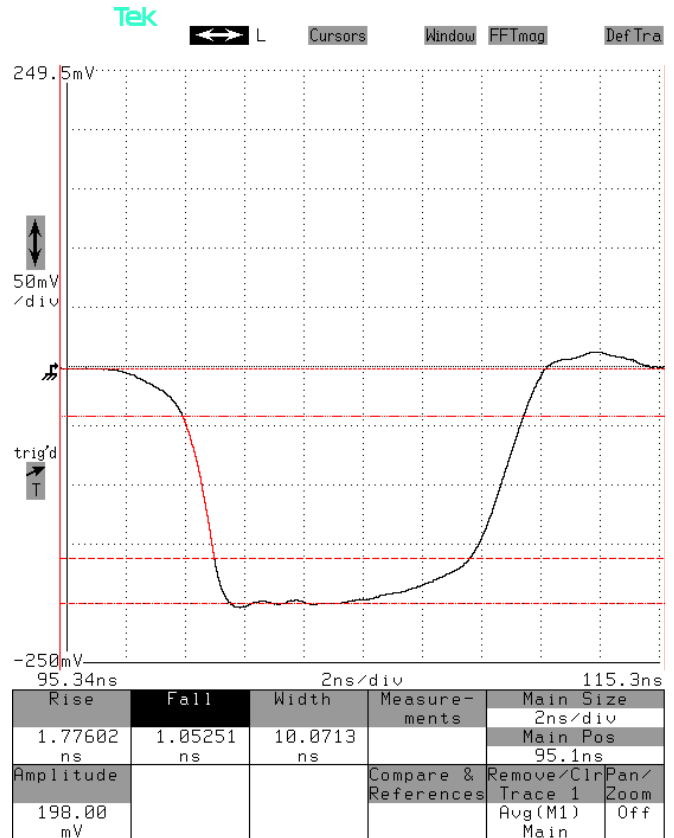
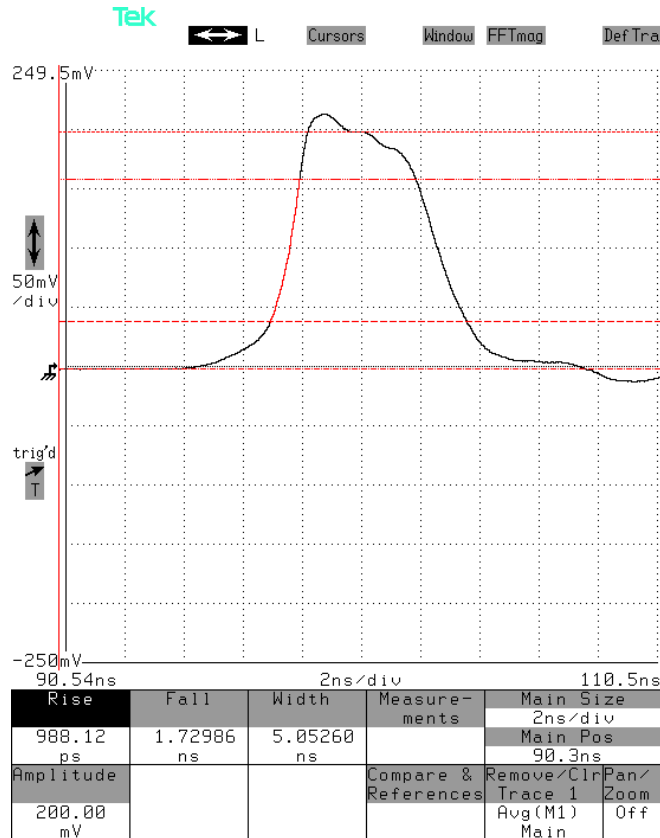
### Test Waveforms

10 kHz, 5 ns, +200V,

10 kHz, 10 ns, -200V,

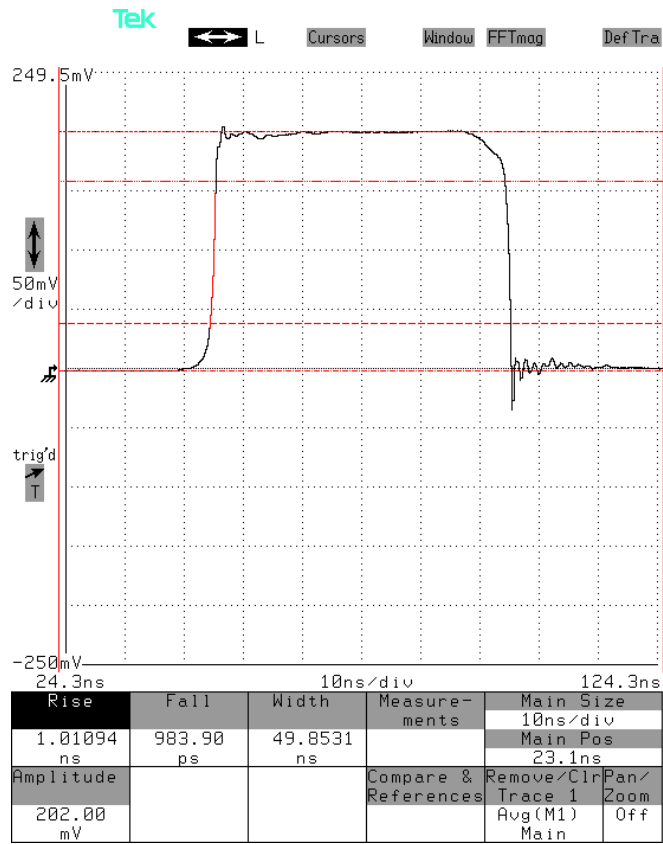
2 ns/div. 50 V/div (50 mV/div  $\times$  60 dB):

2 ns/div. 50 V/div (50 mV/div  $\times$  60 dB):



10 kHz, 50 ns, +200V,

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



2 kHz, 1 us, -200V,

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

