



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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BOX 5120, LCD MERIVALE  
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## PERFORMANCE CHECKSHEET

Model: AVL-5-B-PN-AC02-VXI-TR  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13293  
Date: May 20, 2015

Output Amplitude: up to  $\pm 400V$ , to  $50\Omega$   
Pulse Width (FWHM): 8 – 100 ns  
Rise Time (20%-80%):  $\leq 2$  ns  
Fall Time (80%-20%):  $\leq 5$  ns  
PRF: 1 Hz - 2 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

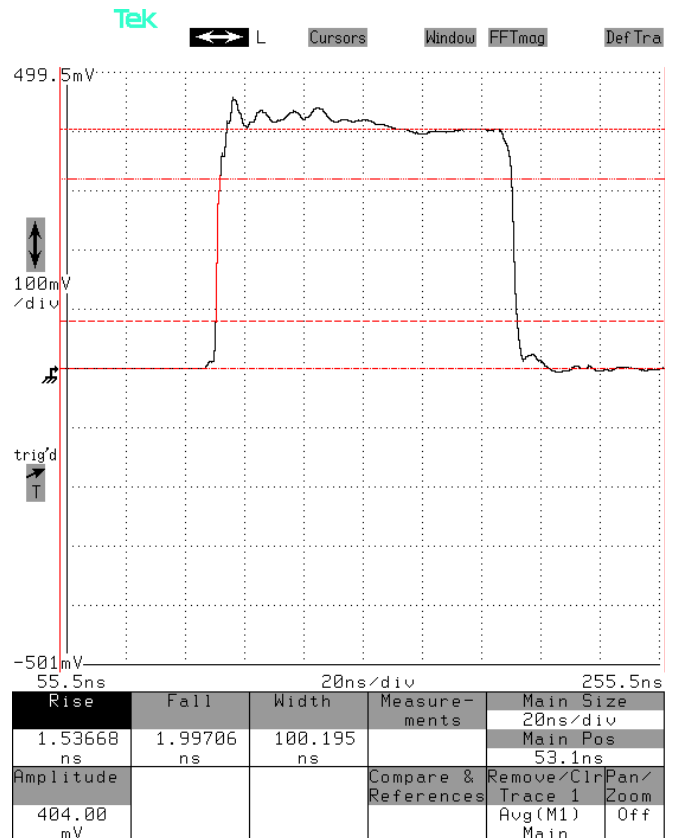
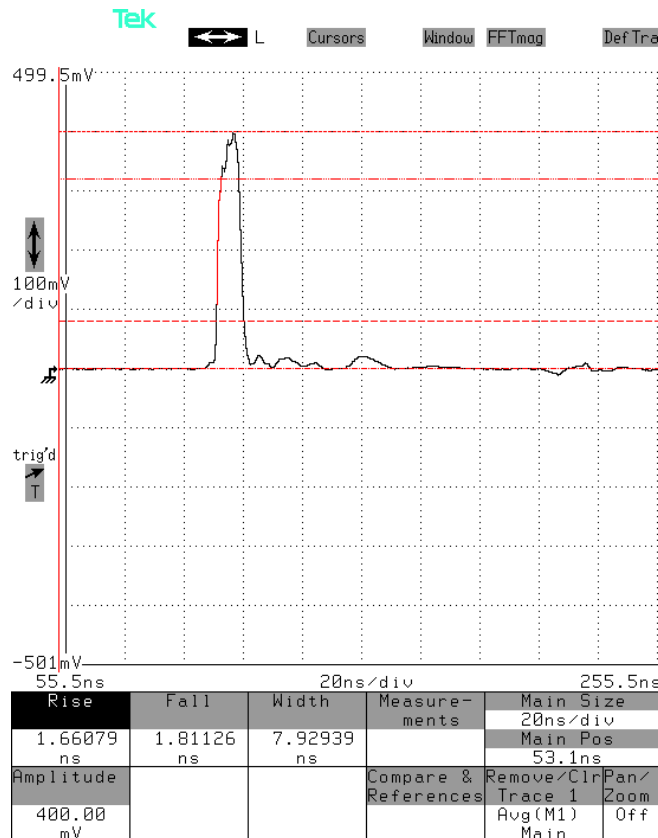
### Test Waveforms

2 kHz, 8 ns, +400V,

2 kHz, 100 ns, +400V,

20 ns/div. 100 V/div (100 mV/div  $\times$  60 dB):

20 ns/div. 100 V/div (100 mV/div  $\times$  60 dB):



2 kHz, 100 ns, -400V,

20 ns/div. 100 V/div (100 mV/div × 60 dB):

