



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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BOX 5120, LCD MERIVALE  
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CANADA K2C 3H5

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## PERFORMANCE CHECKSHEET

Model: AVL-2A-B-PN-AC22  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13453  
Date: June 2, 2016

Output Amplitude: up to  $\pm 160V$ , to  $50\Omega$   
Pulse Width (FWHM): 3 – 100 ns  
Rise Time (20%-80%):  $\leq 2$  ns  
Fall Time (80%-20%):  $\leq 3$  ns  
PRF: 1 Hz - 20 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

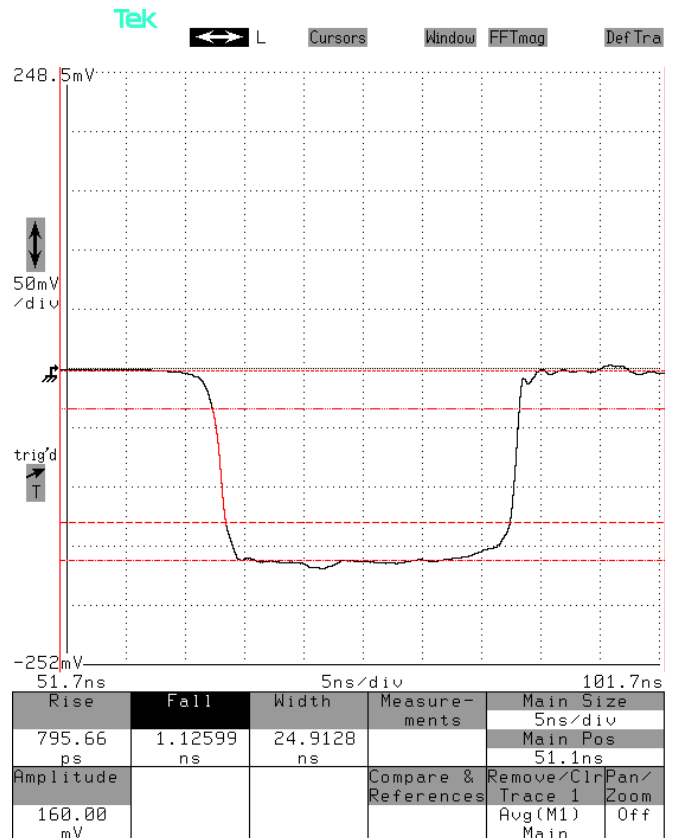
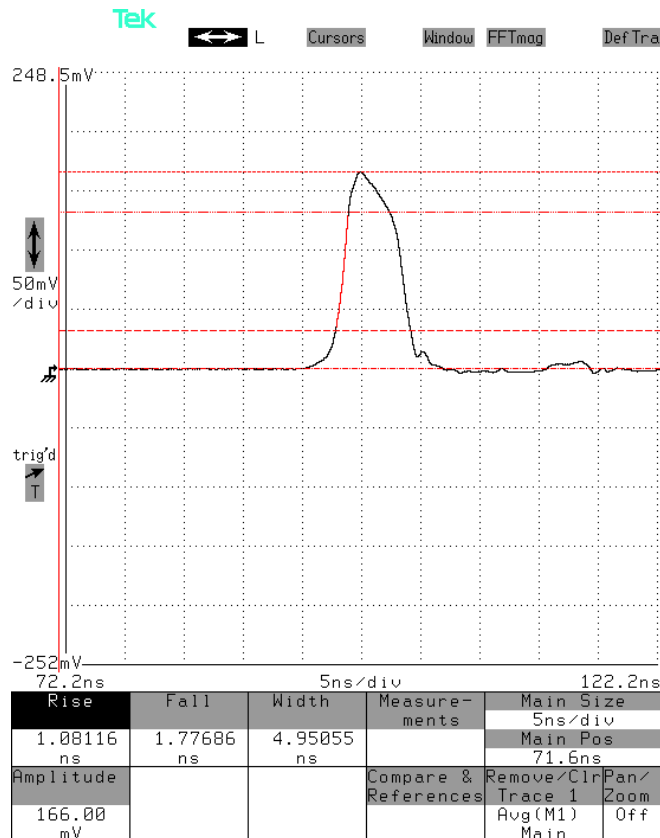
### Test Waveforms

20 kHz, 5 ns, 160V,

20 kHz, 25 ns, -160V,

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

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



20 kHz, 100 ns, 160V,

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

