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BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AVIR-4-B-PN-VXI-OS-AC22N  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13125  
Date: February 21, 2014

Output Amplitude: up to  $\pm 200V$ , to  $50\Omega$   
Pulse Width (FWHM): 4 – 200 ns  
Rise Time (20%-80%):  $\leq 2$  ns  
Fall Time (80%-20%):  $\leq 2.5$  ns  
PRF: 1 Hz – 20 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

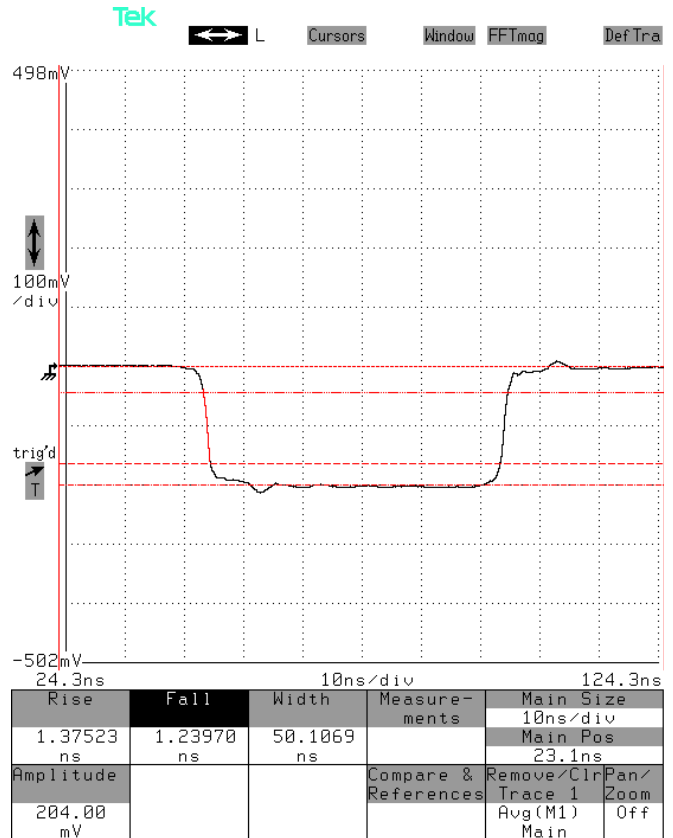
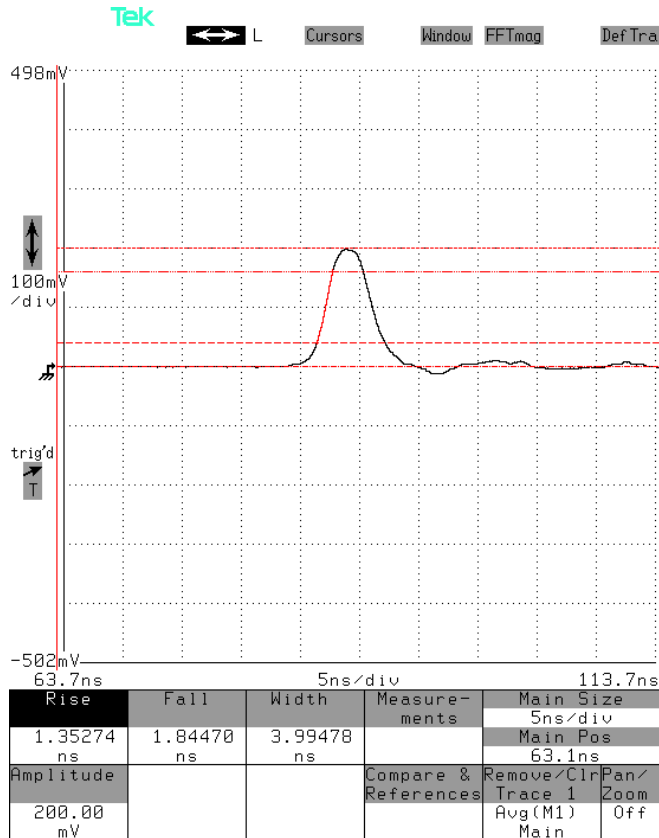
Test Waveforms

Full pulse at 20 kHz, 4 ns, +200V,

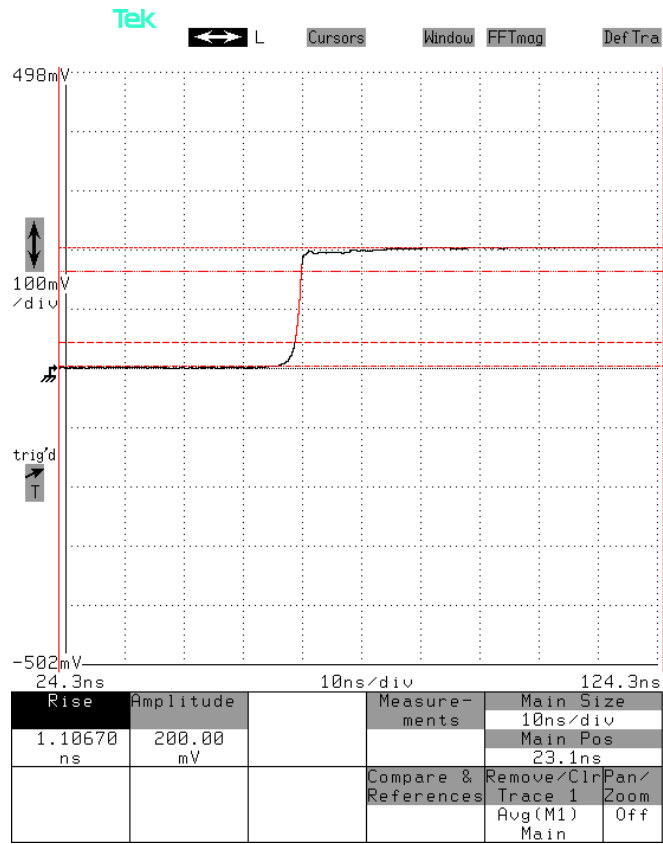
5 ns/div. 100 V/div (100 mV/div  $\times$  60 dB):

Full pulse at 20 kHz, 50 ns, -200V,

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



Leading edge at 20 kHz, 200 ns, +200V,  
 10 ns/div. 100 V/div (100 mV/div × 60 dB):



Trailing edge at 20 kHz, 200 ns, +200V,  
 10 ns/div. 100 V/div (100 mV/div × 60 dB):

