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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVIR-4D-B-PN-AC22  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13959  
Date: March 2, 2020

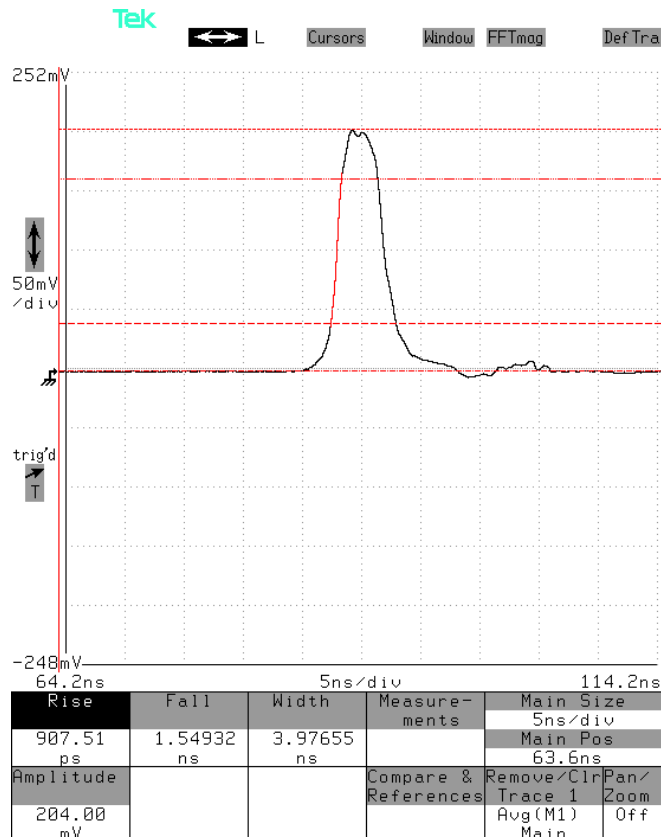
Output Amplitude: up to  $\pm 200V$ , to  $50\Omega$   
Pulse Width (FWHM): 4 – 1000 ns  
Rise Time (20%-80%):  $\leq 2$  ns  
Fall Time (80%-20%):  $\leq 2.5$  ns  
PRF: 1 Hz – 20 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

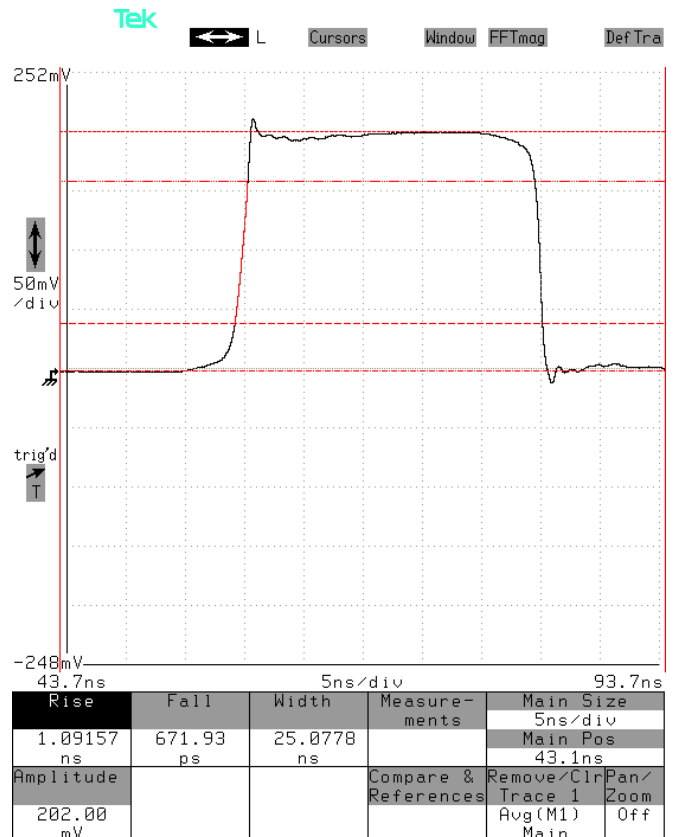
Full pulse at 20 kHz, 4 ns, +200V,

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



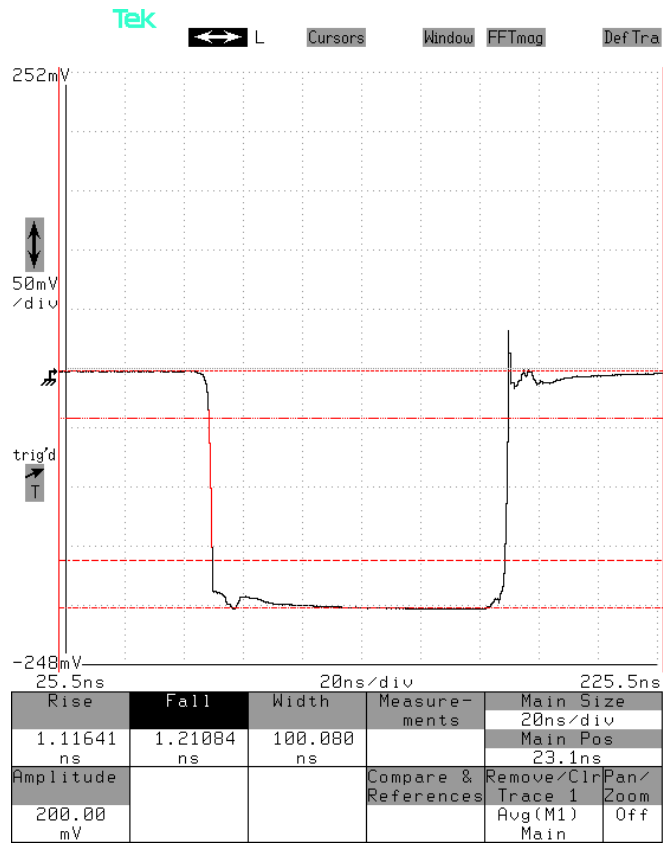
Full pulse at 20 kHz, 25 ns, +200V,

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



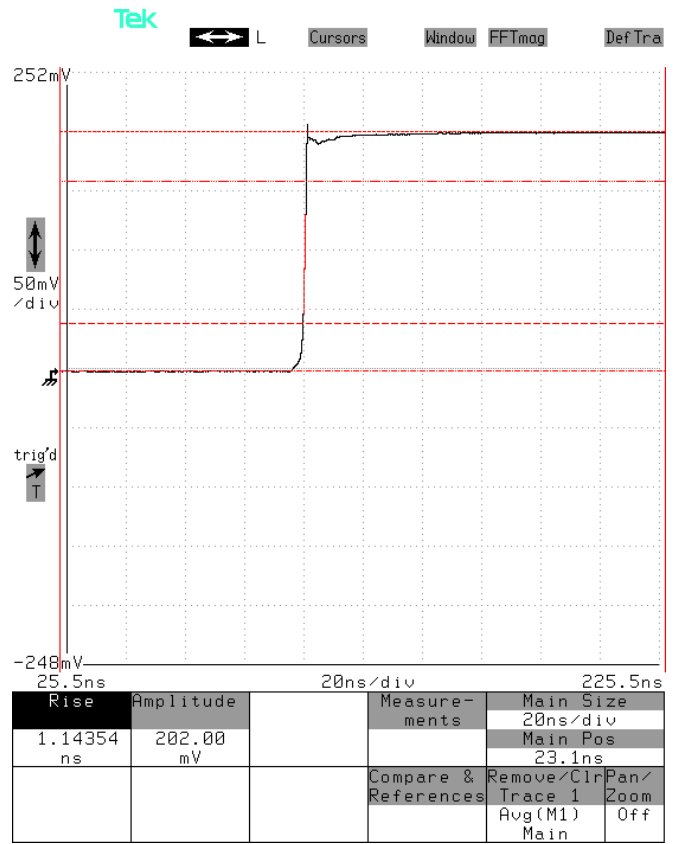
Full pulse at 20 kHz, 100 ns, -200V,

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



Leading edge at 4 kHz, 1 us, +200V,

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



Trailing edge at 4 kHz, 1 us, -200V,

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

