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

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PERFORMANCE CHECKSHEET

Model: AVIR-3-B-P  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13179  
Date: July 29, 2014

Output Amplitude: up to +200V, to 50Ω  
Pulse Width (FWHM): 10 – 200 ns  
Rise Time (20%-80%): ≤ 2 ns  
Fall Time (80%-20%): ≤ 2.5 ns  
PRF: 1 Hz - 20 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

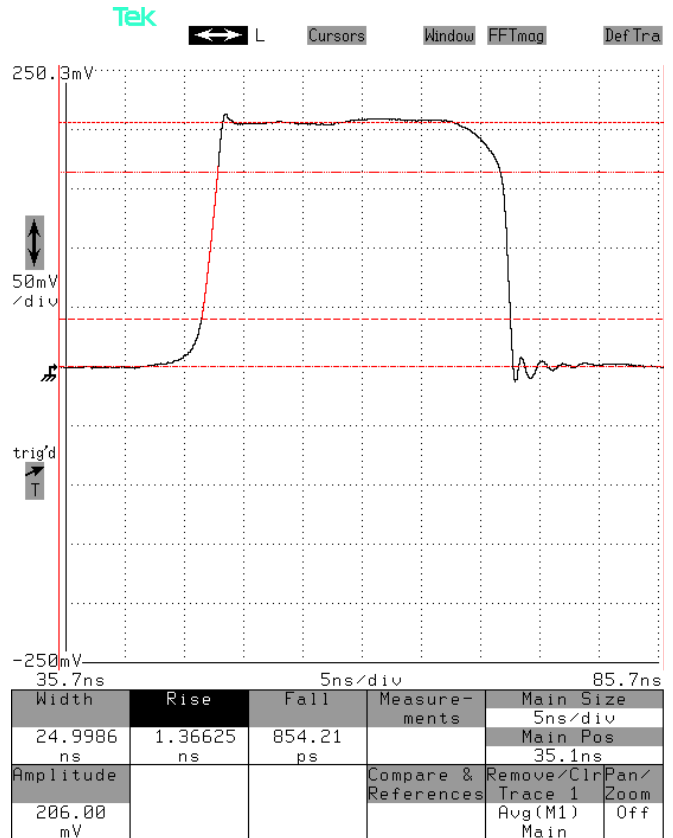
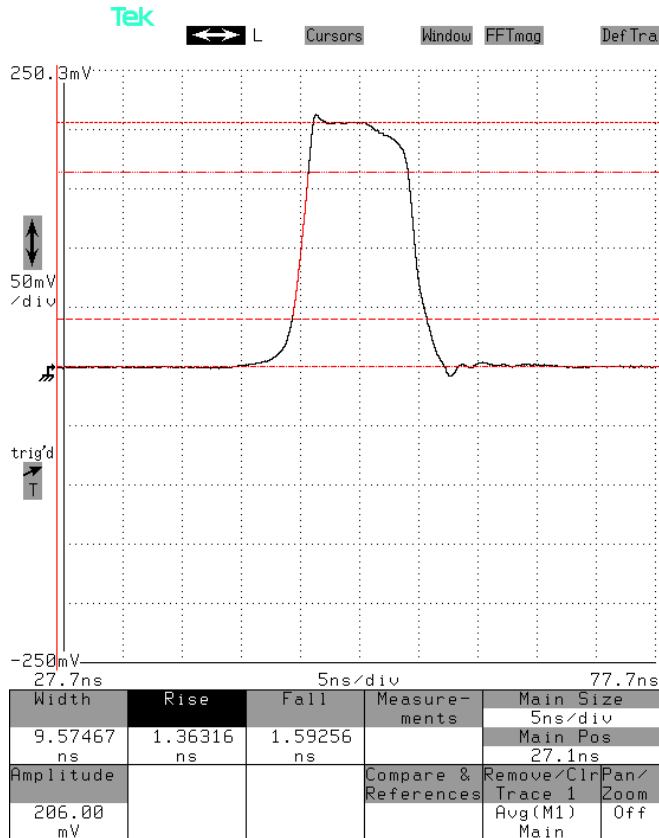
Test Waveforms

Full pulse at 20 kHz, < 10 ns, > +200V,

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

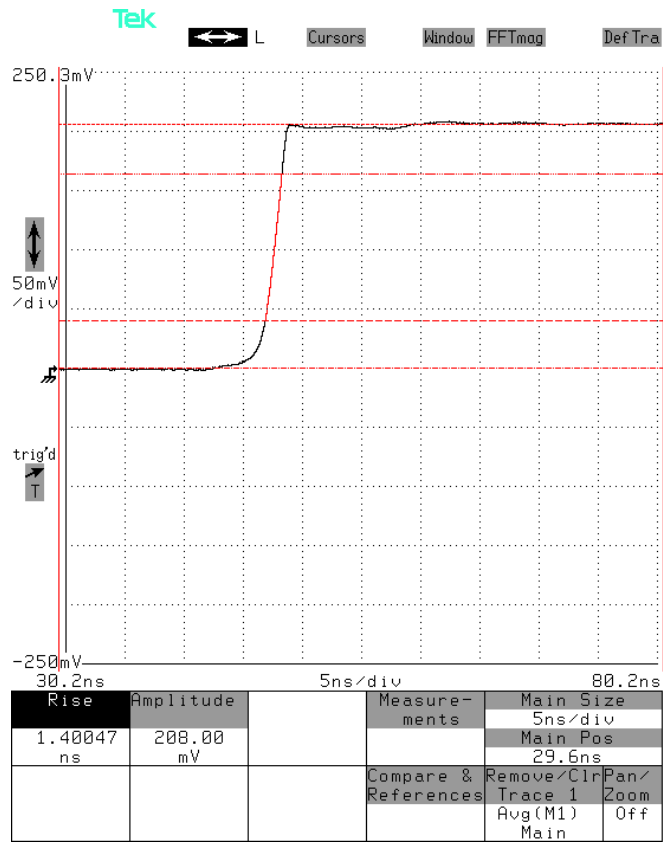
5 ns/div. 50 V/div (50 mV × 60 dB):

5 ns/div. 50 V/div (50 mV × 60 dB):



Leading edge at 20 kHz, 200 ns, > +200V,

5 ns/div. 50 V/div (50 mV × 60 dB):



Trailing edge at 20 kHz, 200 ns, > +200V,

5 ns/div. 50 V/div (50 mV × 60 dB):

