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

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PERFORMANCE CHECKSHEET

Model: AVIR-4-B-PN
Type: Ultra-High-Speed Pulse Generator
S.N.: 13120
Date: February 20, 2014

Output Amplitude: up to ±200V, to 50Ω
Pulse Width (FWHM): 4 – 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: →

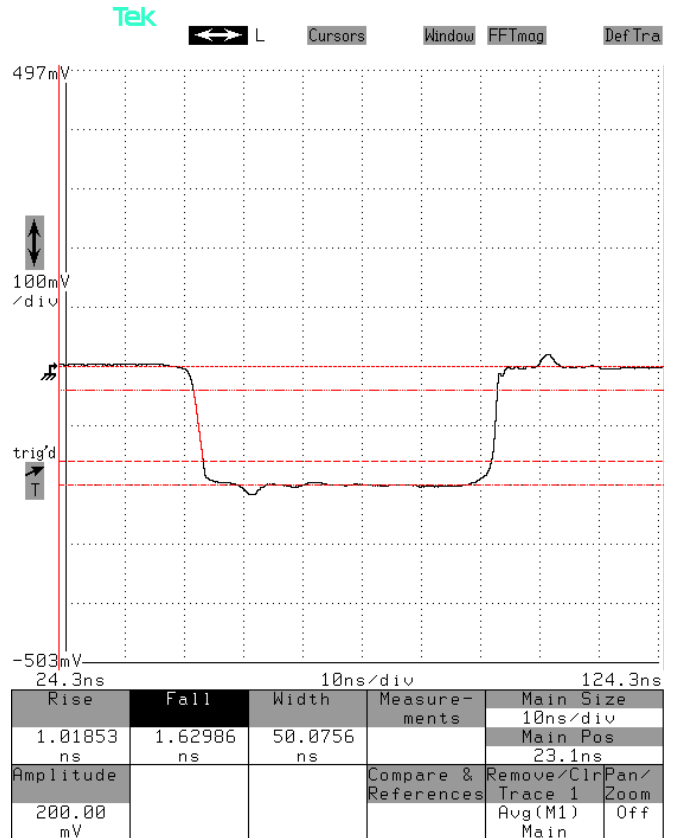
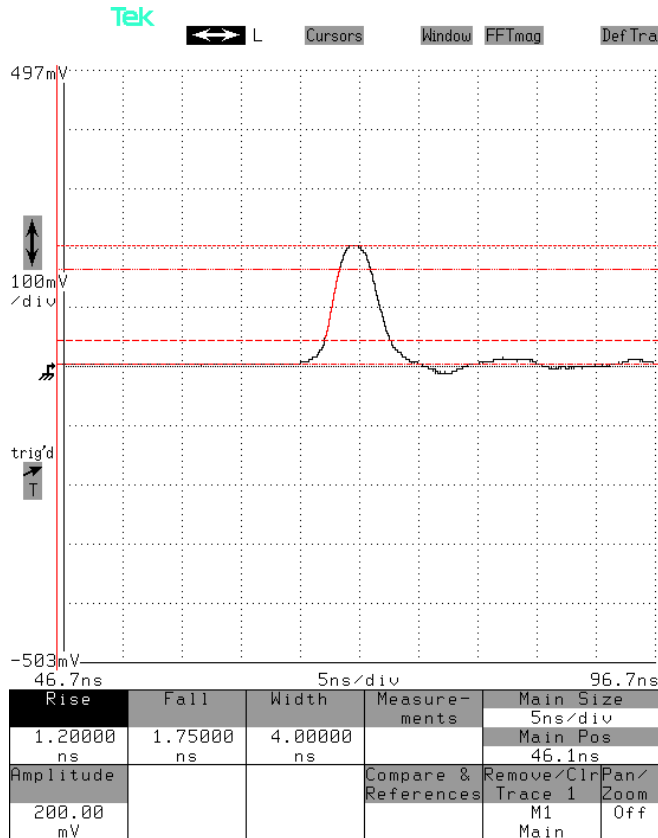
Test Waveforms

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

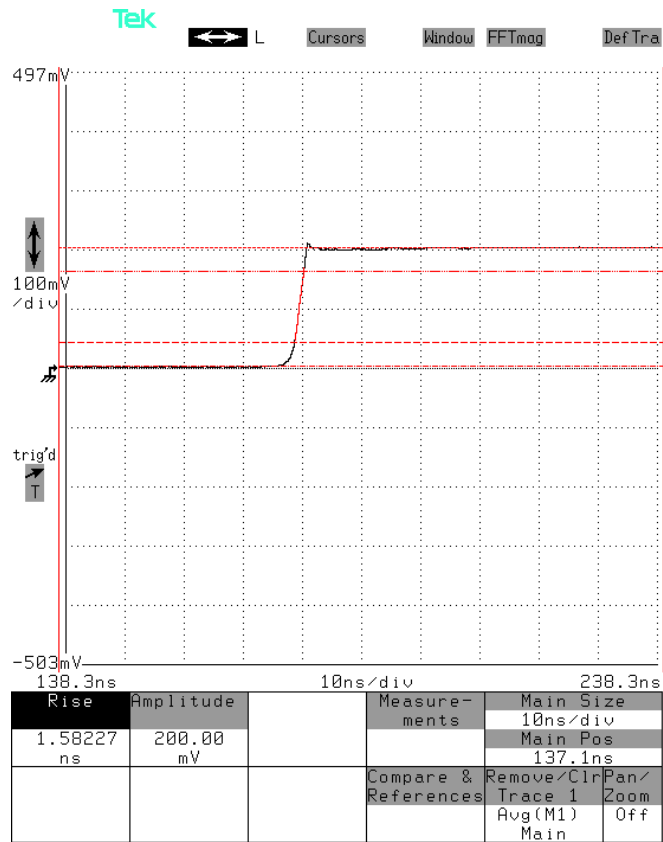
Full pulse at 20 kHz, 50 ns, -200V,

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

10 ns/div. 100 V/div (100 mV/div × 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):

