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BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
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PERFORMANCE CHECKSHEET

Model: AVIR-4D-B-PN-CC1-AC22
Type: Ultra-High-Speed Pulse Generator
S.N.: 13819
Date: December 19, 2018

Output Amplitude: up to $\pm 200V$, to 50Ω
Pulse Width (FWHM): 4 – 1000 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: →

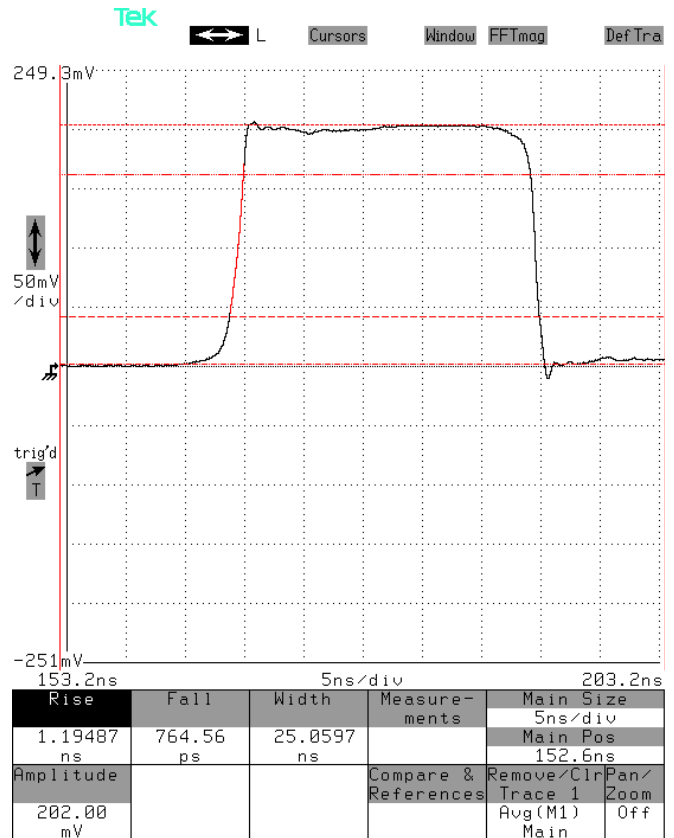
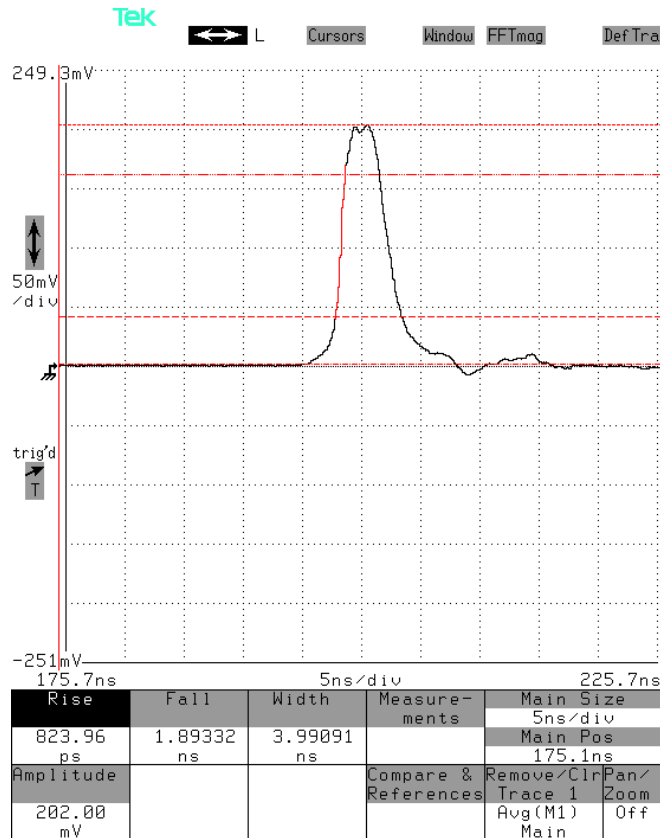
Test Waveforms

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

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

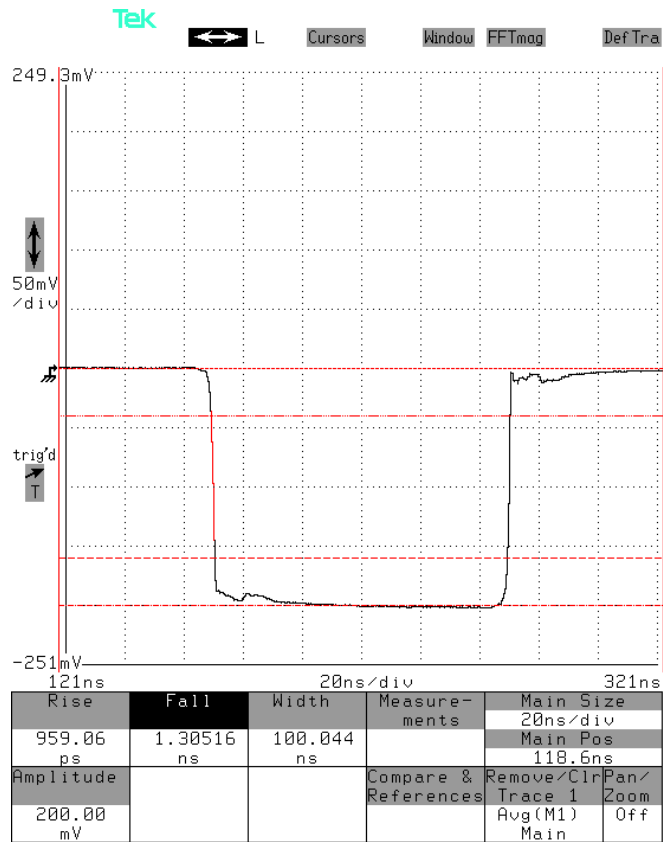
5 ns/div. 50 V/div (50 mV/div \times 60 dB):

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



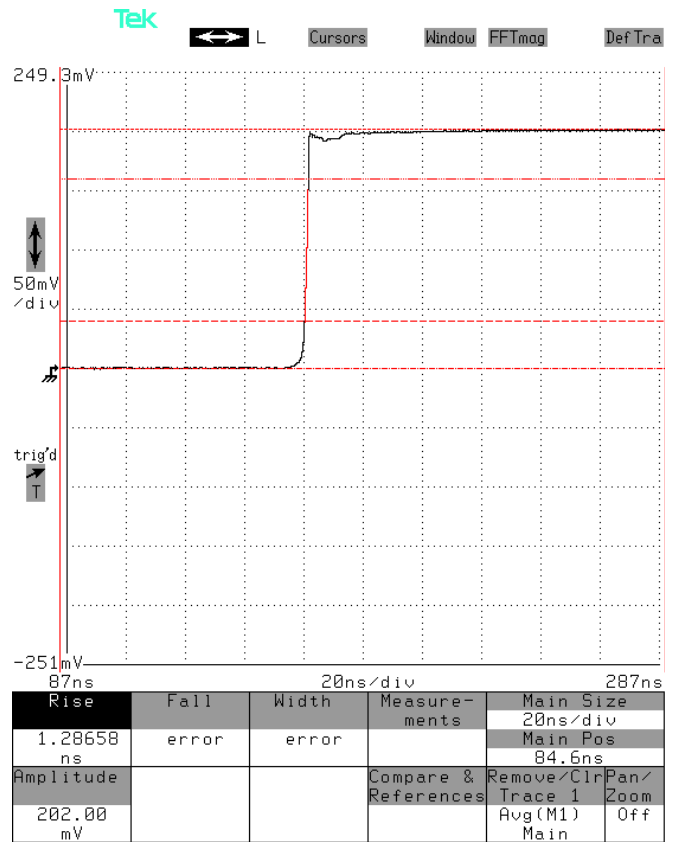
Full pulse at 20 kHz, 100 ns, -200V,

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):

