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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.: 14353
Date: June 26, 2023

Output Amplitude: up to $\pm 200V$, to 50Ω
Pulse Width (FWHM): 4 – 1000 ns
Rise Time (20%-80%): ≤ 2 ns
Fall Time (80%-20%): ≤ 3 ns
PRF: 1 Hz – 20 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

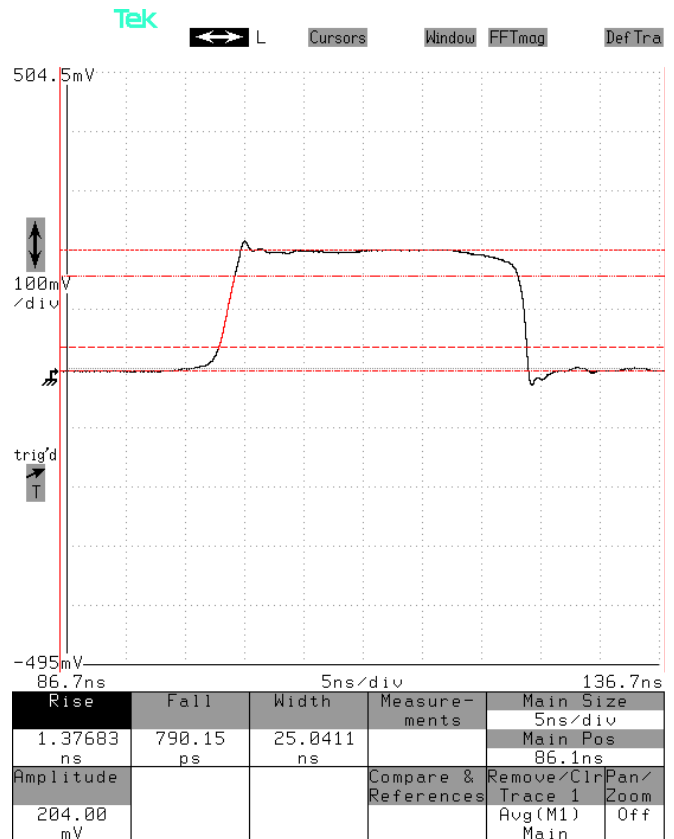
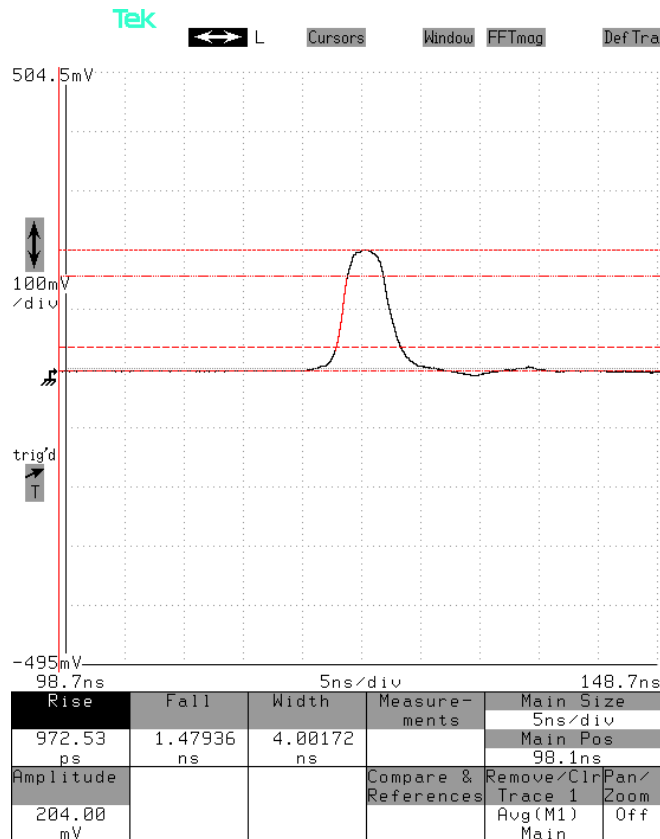
Test Waveforms

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

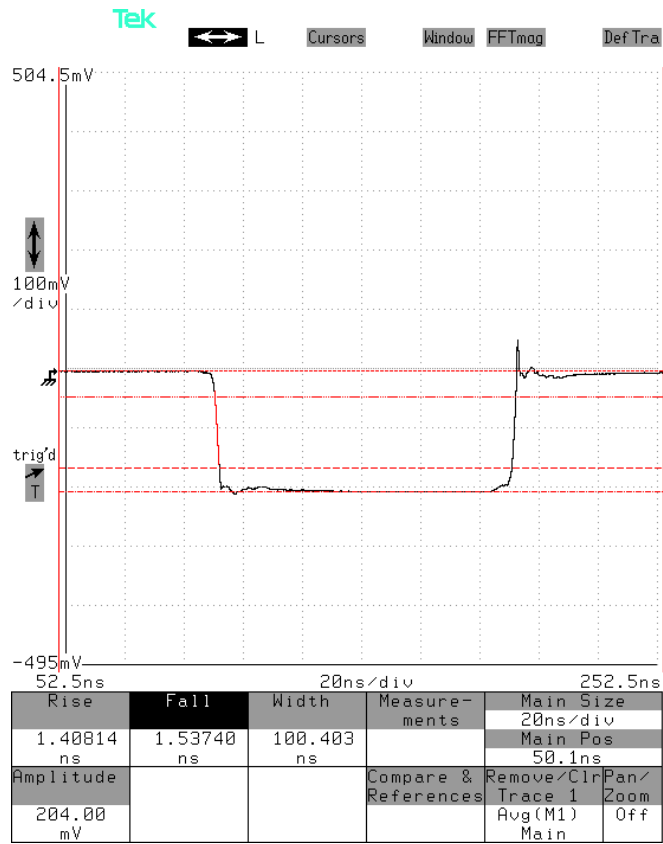
5 ns/div. 100 V/div (100 mV/div \times 60 dB):

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

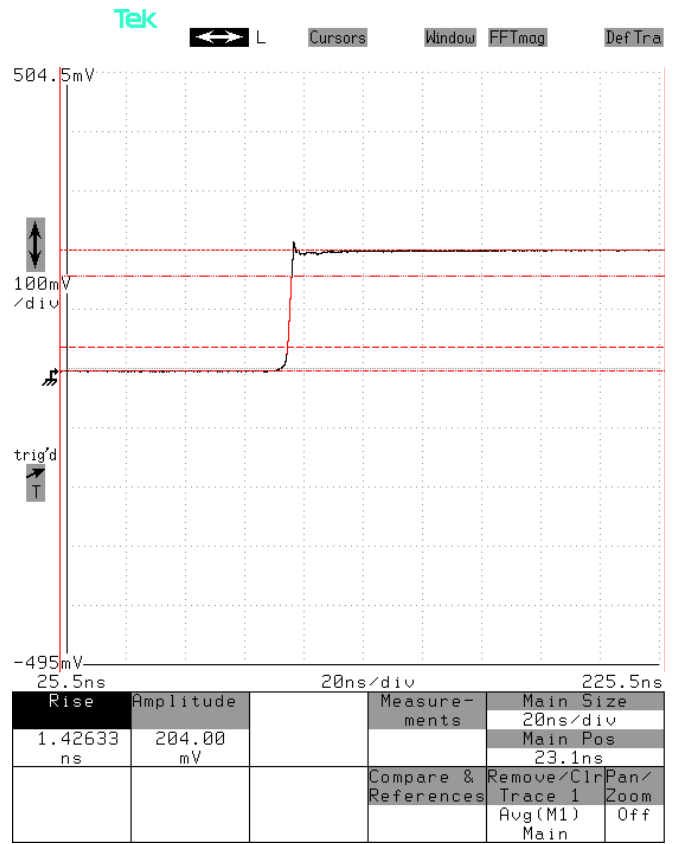
5 ns/div. 100 V/div (100 mV/div \times 60 dB):



Full pulse at 20 kHz, 100 ns, -200V,
 20 ns/div. 100 V/div (100 mV/div × 60 dB):



Leading edge at 4 kHz, 1 us, +200V,
 20 ns/div. 100 V/div (100 mV/div × 60 dB):



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

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

