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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVIR-3-B-PN
Type: Ultra-High-Speed Pulse Generator
S.N.: 13901
Date: July 17, 2019

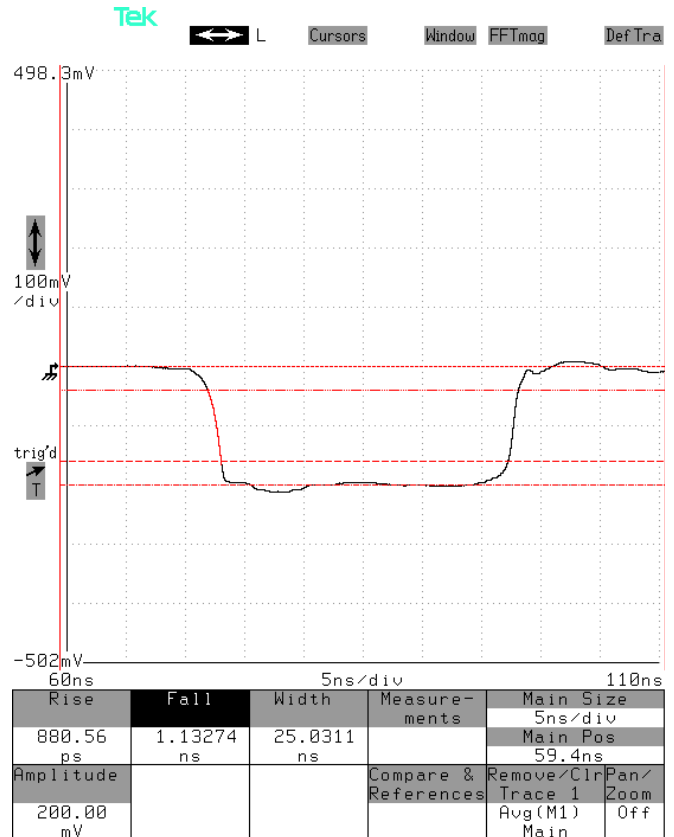
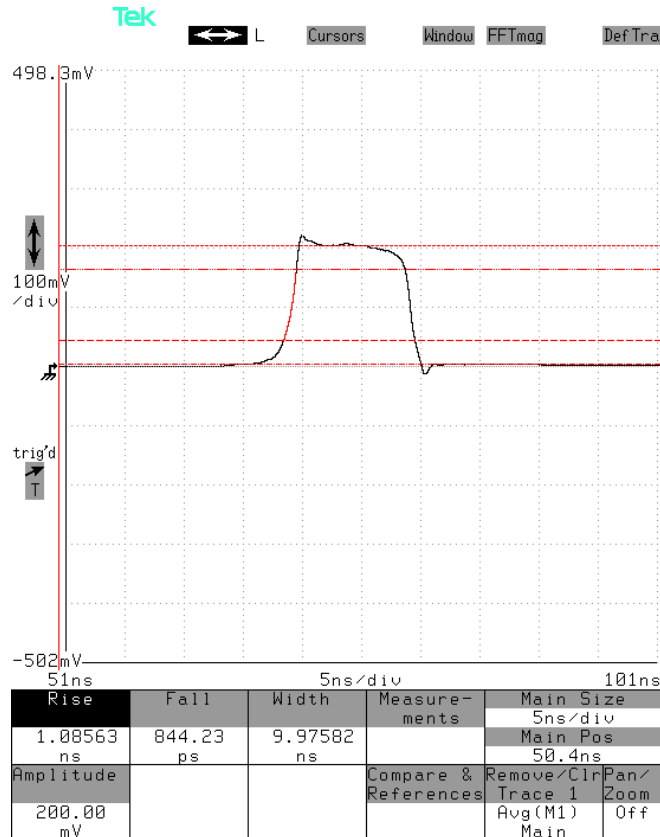
Output Amplitude: up to $\pm 200V$, to 50Ω
Pulse Width (FWHM): 10 – 200 ns
Rise Time (20%-80%): ≤ 2 ns
Fall Time (80%-20%): ≤ 2.5 ns
PRF: 1 Hz - 20 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

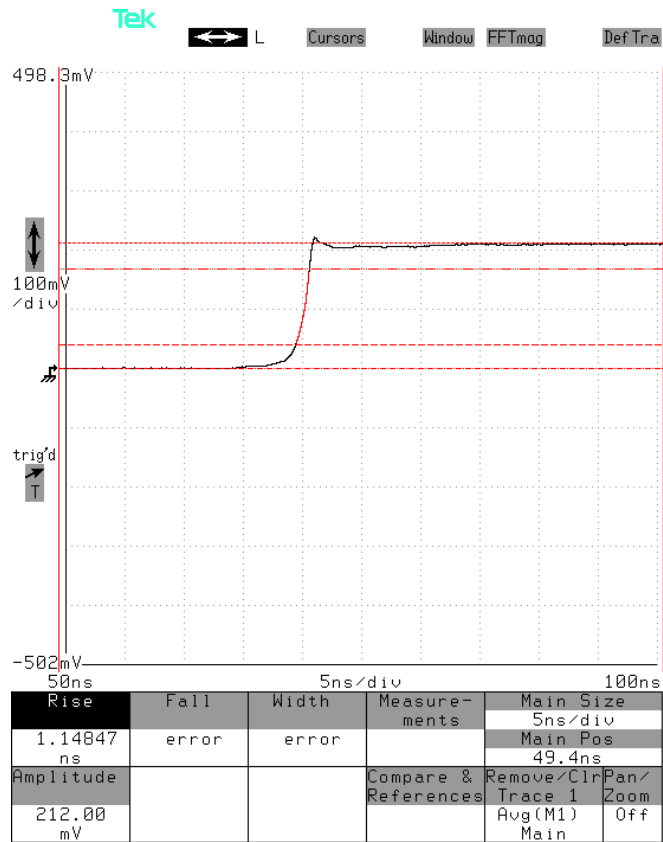
Full pulse at 20 kHz, 10 ns, +200V,
5 ns/div. 100 V/div (100 mV \times 60 dB):

Full pulse at 20 kHz, 25 ns, -200V,
5 ns/div. 100 V/div (100 mV \times 60 dB):



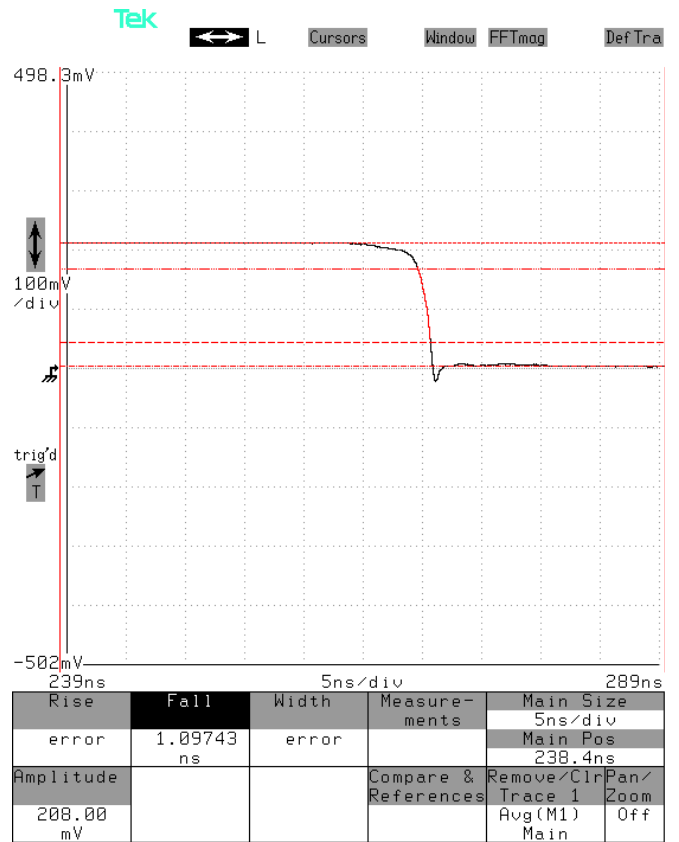
Leading edge at 20 kHz, 200 ns, > +200V,

5 ns/div. 100 V/div (100 mV × 60 dB):



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

5 ns/div. 100 V/div (100 mV × 60 dB):



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

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

