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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVMP-4-B-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 13944
Date: January 21, 2020

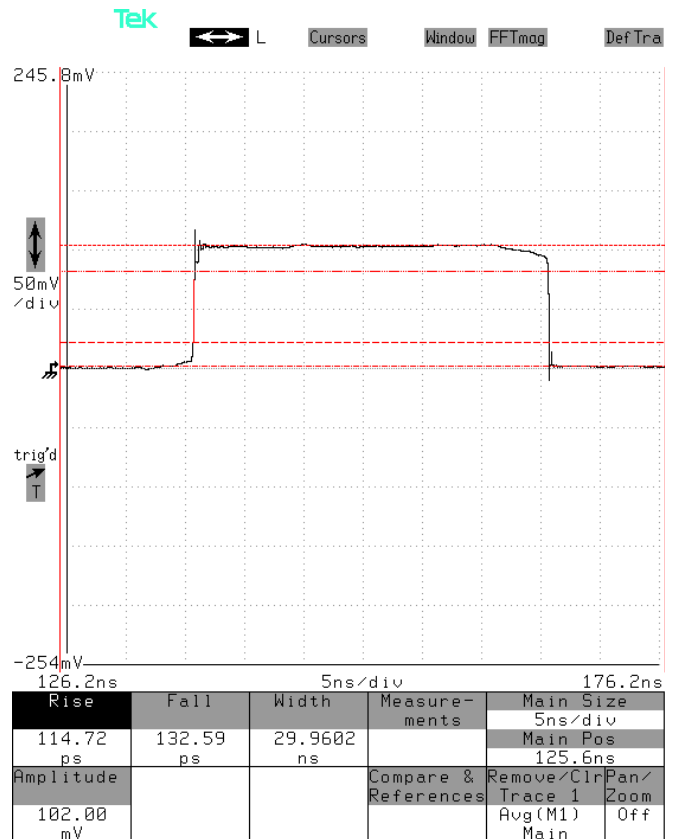
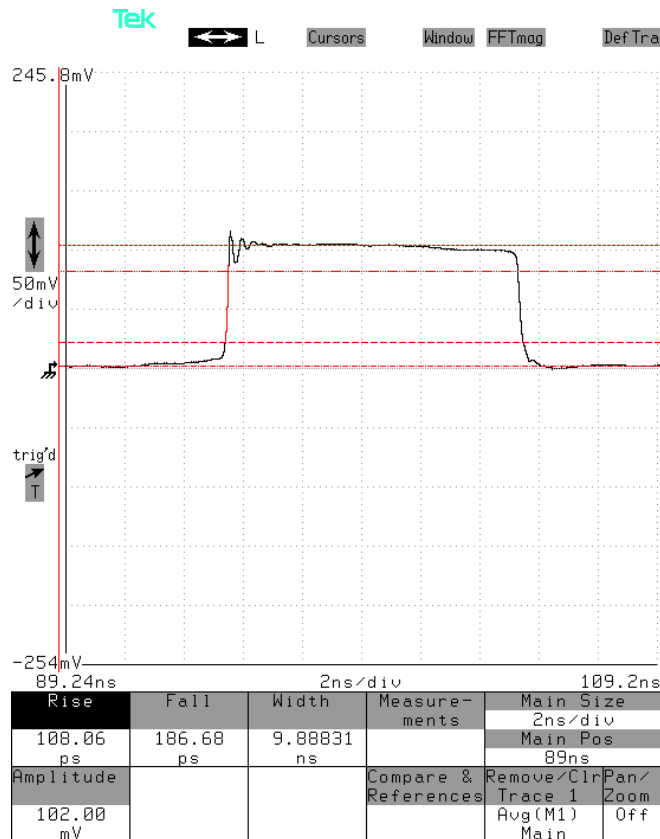
Output Amplitude: up to +10V, to 50Ω
Pulse Width (FWHM): 10 ns – 10 us
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 200 ps
PRF: 1 Hz – 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

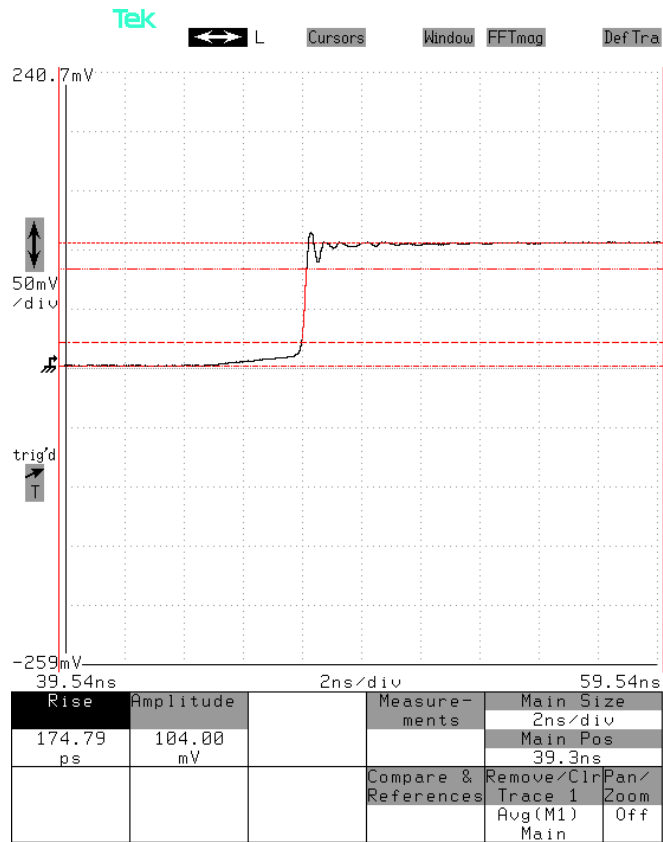
Full pulse at 1 MHz, 10 ns, > +10V,
2 ns/div. 5 V/div (50 mV/div × 40 dB):

Full pulse at 1 MHz, 30 ns, > +10V,
5 ns/div. 5 V/div (50 mV/div × 40 dB):



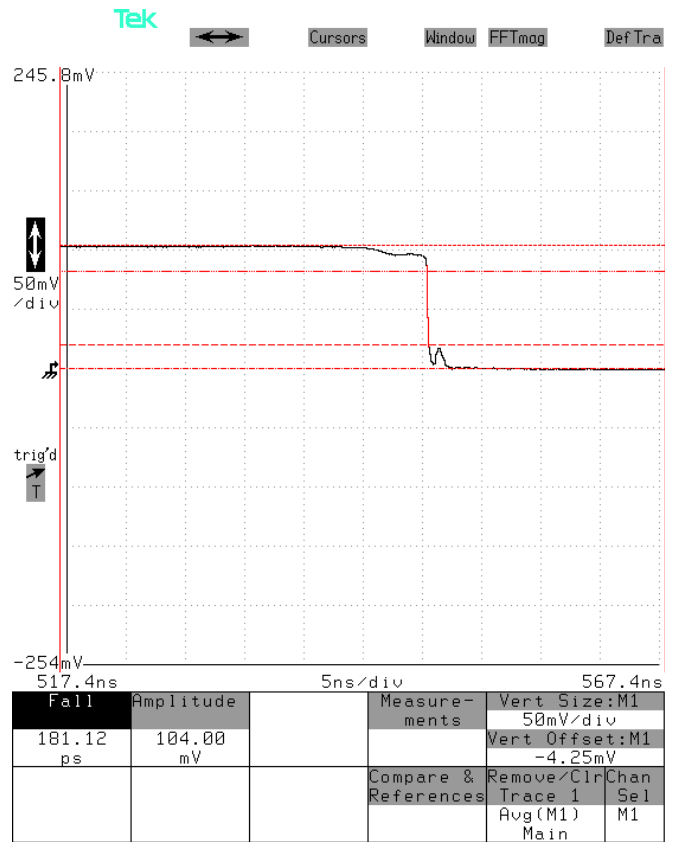
Rising edge at 100 kHz, 500 ns, > +10V,

2 ns/div. 5 V/div (50 mV/div × 40 dB):

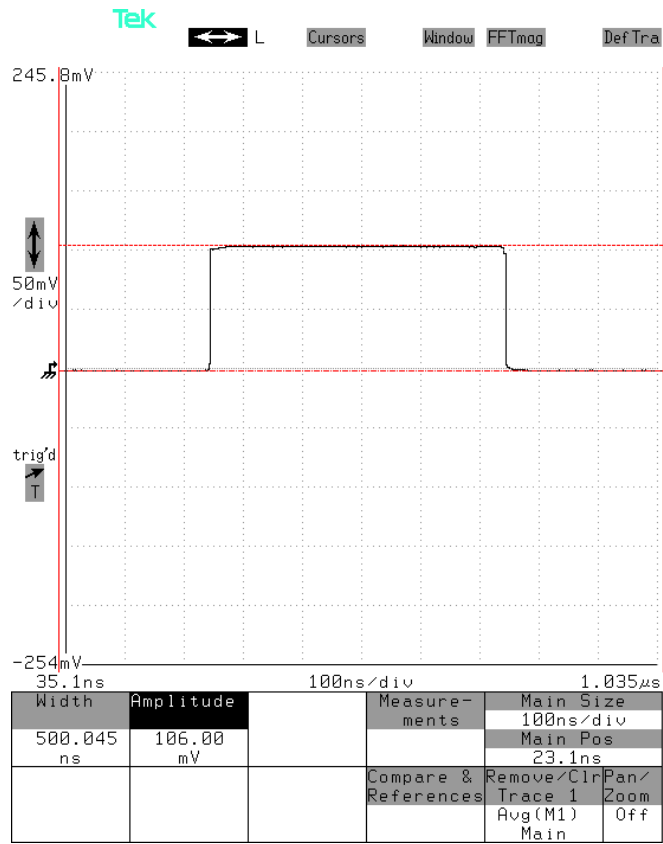


Falling edge at 100 kHz, 500 ns, > +10V,

5 ns/div. 5 V/div (50 mV/div × 40 dB):



Full pulse at 100 kHz, 500 ns, > +10V,
 100 ns/div. 5 V/div (50 mV/div × 40 dB):



Full pulse at 1 kHz, 10 us, > +10V,
 2 us/div. 5 V/div (50 mV/div × 40 dB):

