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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVPP-1A-B-P-AK1-AK8
Type: Ultra-High-Speed Pulse Generator
S.N.: 13541
Date: February 21, 2017

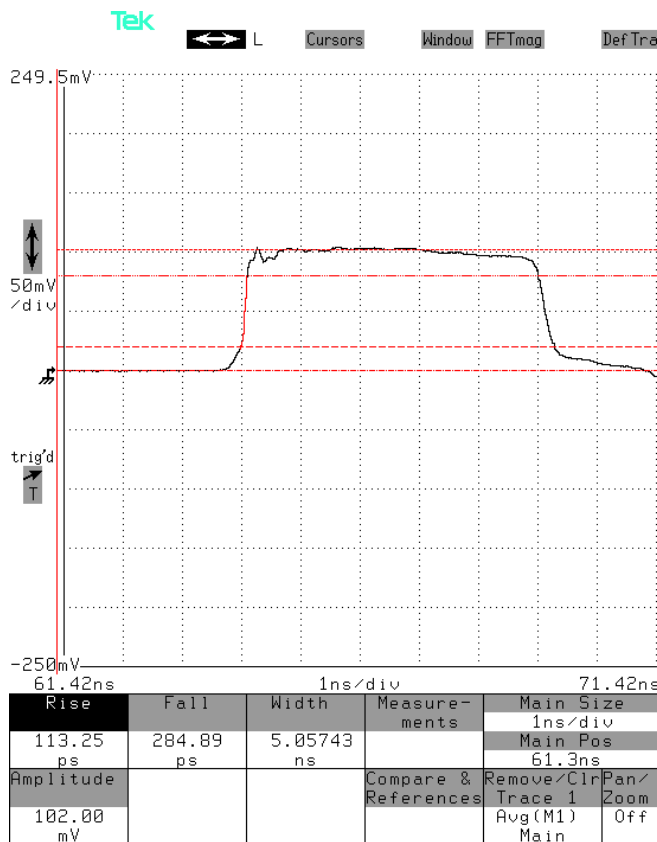
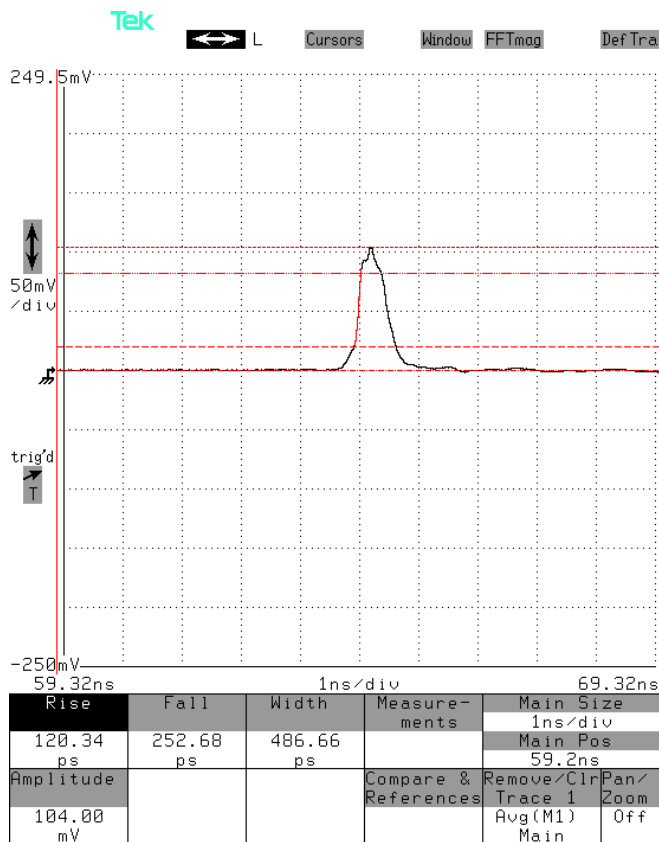
Output Amplitude: up to +10V, to 50Ω
Pulse Width (FWHM): 0.5 ns to 1 us
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 420 ps
PRF: 1 Hz – 500 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

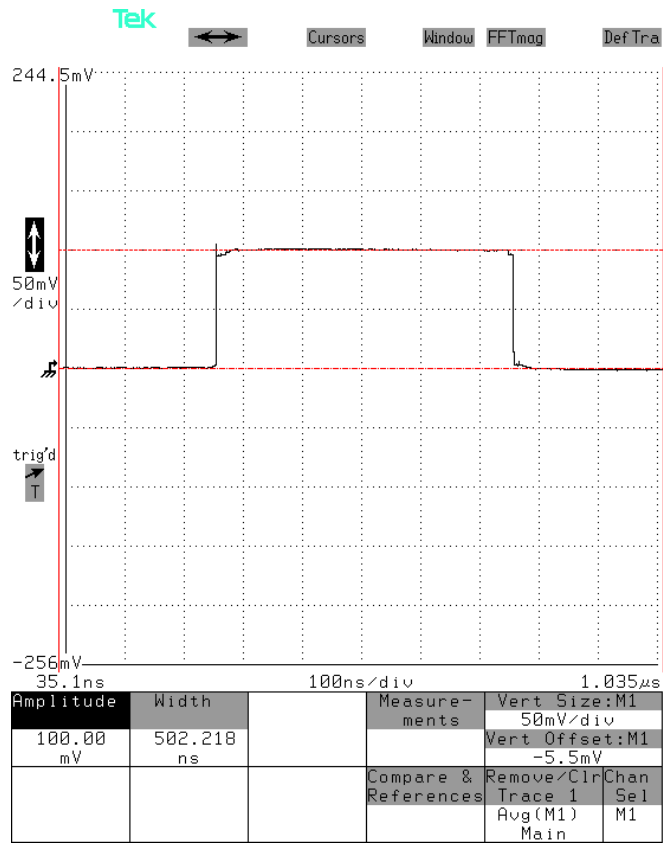
Test Waveforms

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

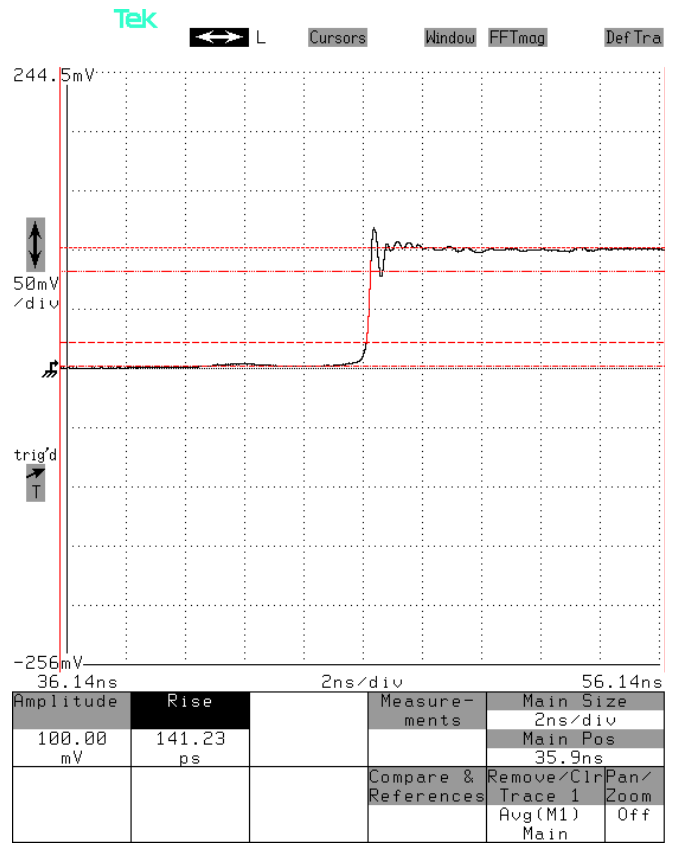
Full pulse at 100 kHz, 5 ns, +10V,
1 ns/div. 5 V/div (50 mV/div × 40 dB):



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



Leading edge at 100 kHz, 500 ns, +10V,
 2 ns/div. 5 V/div (50 mV/div × 40 dB):



Trailing edge at 100 kHz, 500 ns, +10V,

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

