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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVPP-1-C-P-AK1-AC18
Type: Ultra-High-Speed Pulse Generator
S.N.: 13016
Date: May 1, 2013

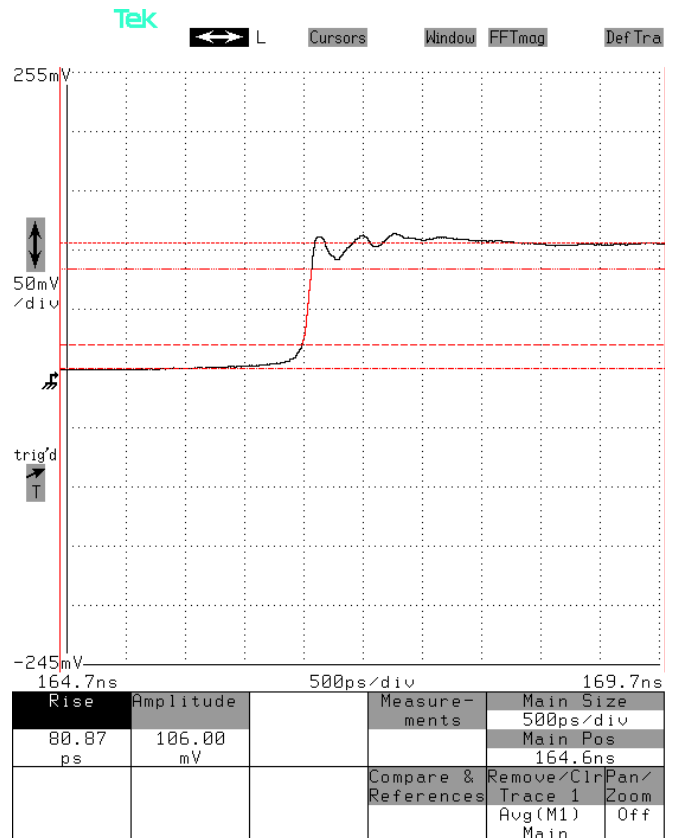
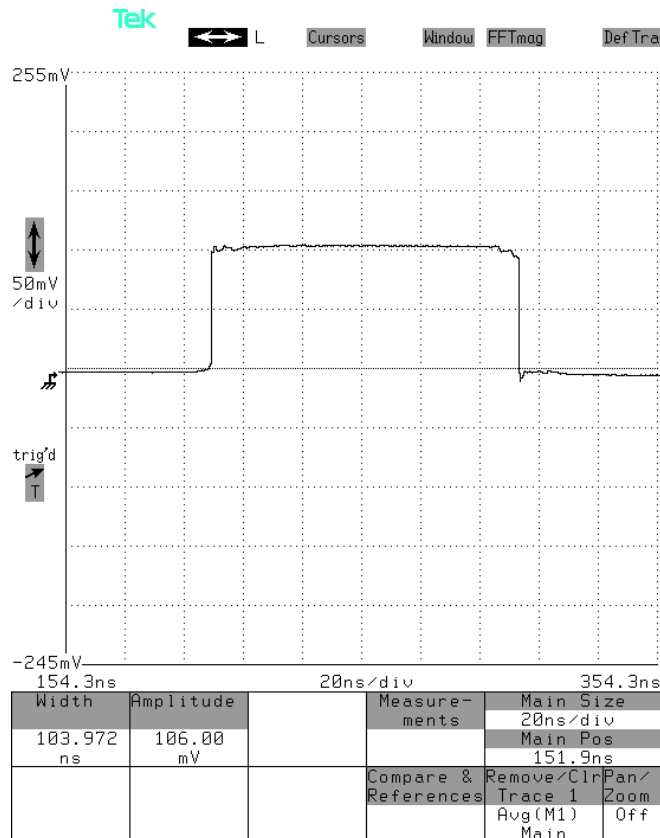
Output Amplitude: up to +10V, to 50Ω
Pulse Width (FWHM): 0.2 to 100 ns
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 120 or 420 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

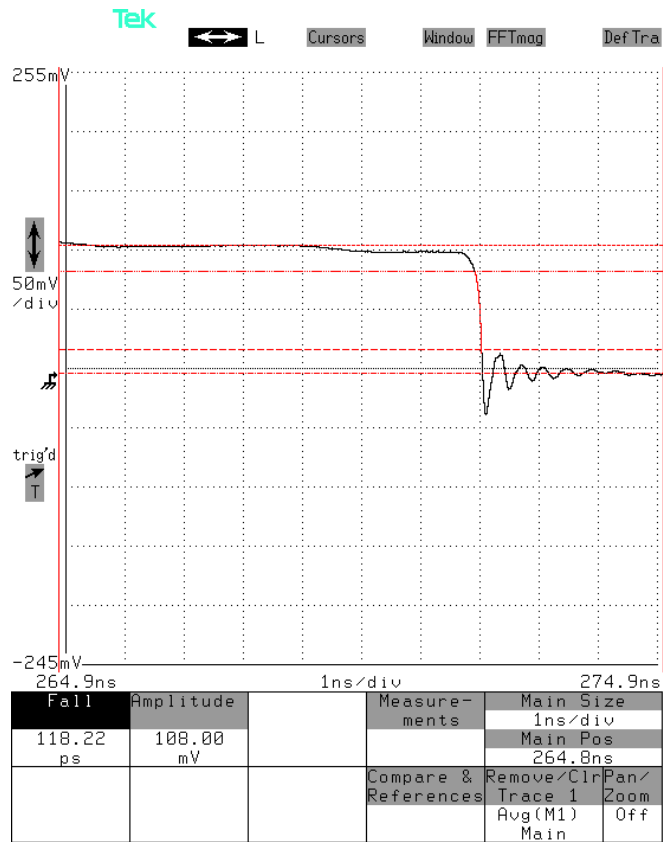
Full pulse at 100 kHz, > 100 ns, > +10V,
20 ns/div. 5 V/div (50 mV × 40 dB):

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



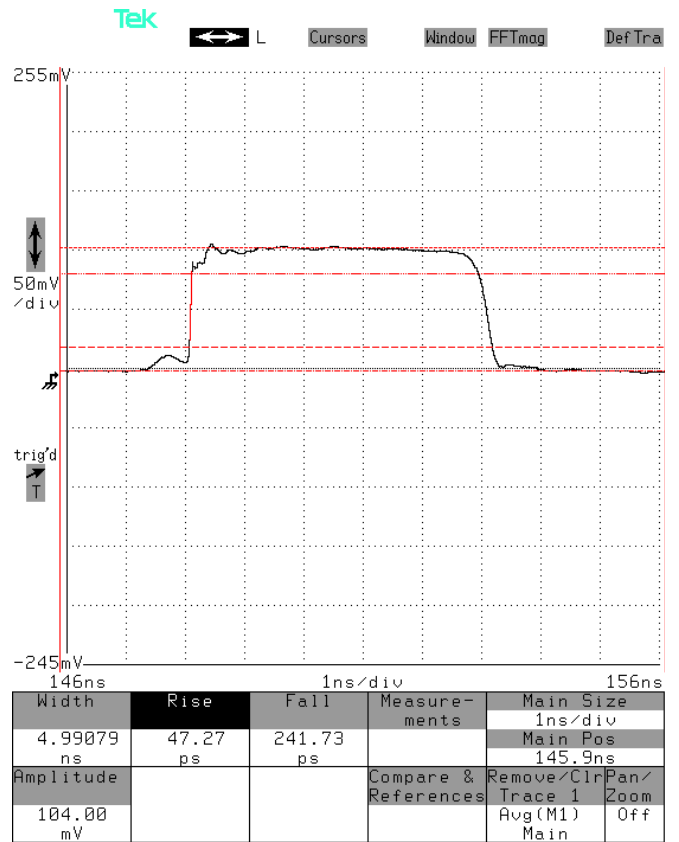
Trailing edge at 100 kHz, 100 ns, > +10V,

1 ns/div. 5 V/div (50 mV × 40 dB):



Full pulse at 1 MHz, 5 ns, > +10V,

1 ns/div. 5 V/div (50 mV × 40 dB):



Full pulse at 100 kHz, < 200 ps, +10V,

500 ps/div. 5 V/div (50 mV × 40 dB):

