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BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVPP-2-C-AC03-AK1-AK8-M-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 12895
Date: September 6, 2012

Output Amplitude: up to +10V, to 50Ω
Pulse Width (FWHM): 0.6 to 100 ns
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 350 or 500 ps
PRF: 1 Hz - 100 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

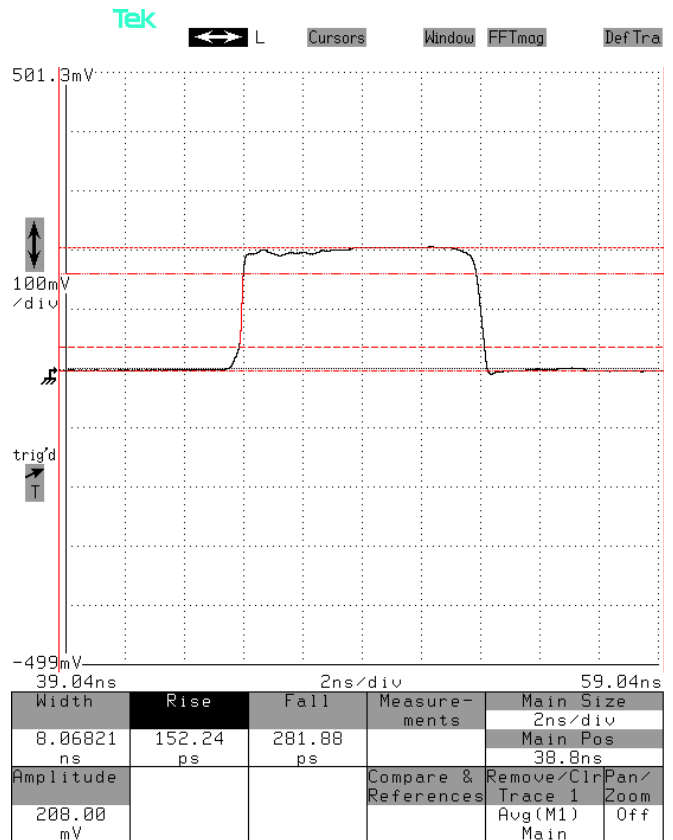
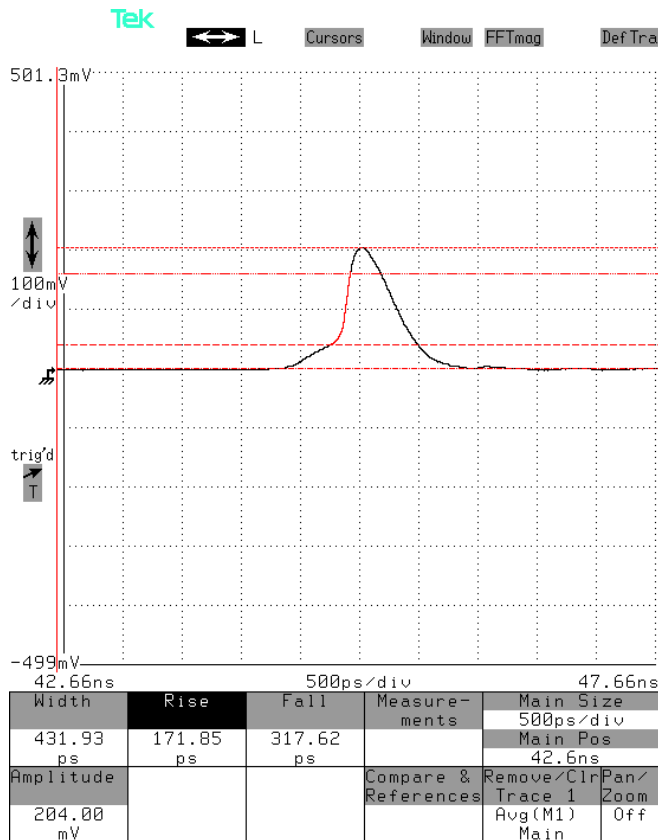
Test Waveforms

Full pulse at 100 kHz, < 500 ps, +20V,

500 ps/div. 10 V/div (100 mV × 40 dB):

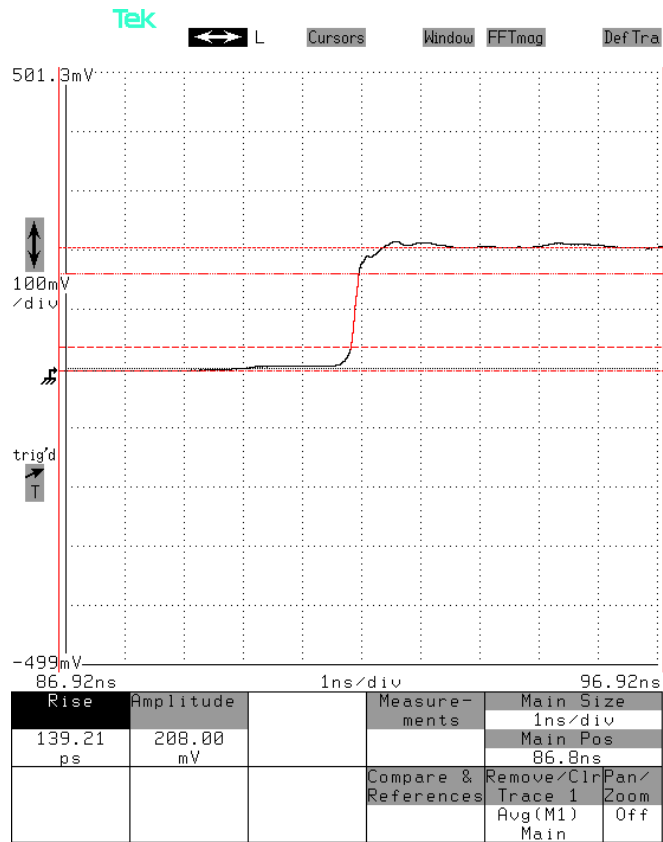
Full pulse at 100 kHz, 8 ns, +20V,

2 ns/div. 10 V/div (100 mV × 40 dB):



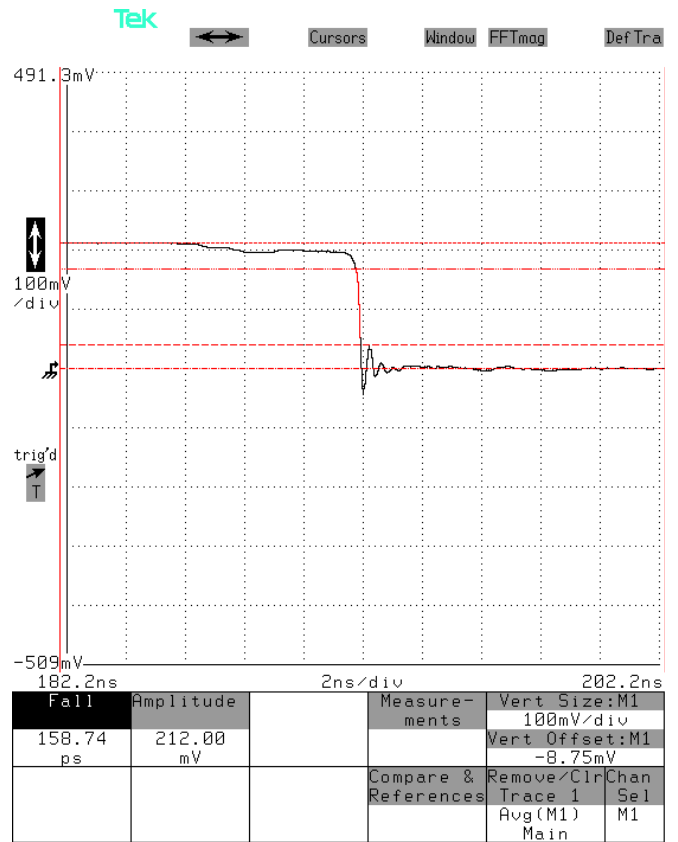
Leading edge at 100 kHz, 100 ns, +20V,

1 ns/div. 10 V/div (100 mV × 40 dB):



Trailing edge at 100 kHz, 100 ns, +20V,

2 ns/div. 10 V/div (100 mV × 40 dB):



Full pulse at 100 kHz, 100 ns, +20V,

20 ns/div. 10 V/div (100 mV × 40 dB):

