



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVPP-1-C-AK1-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 11531
Date: July 24, 2006

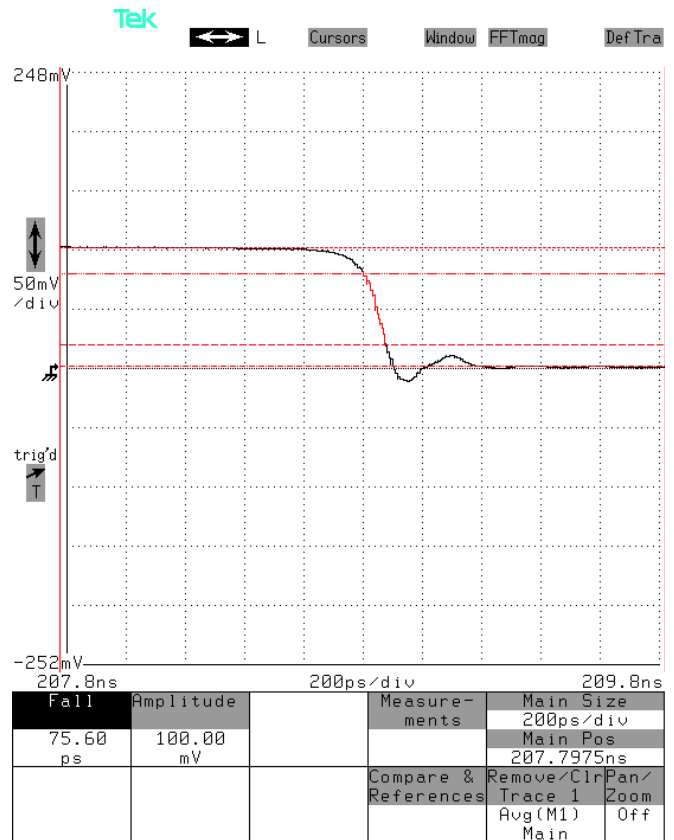
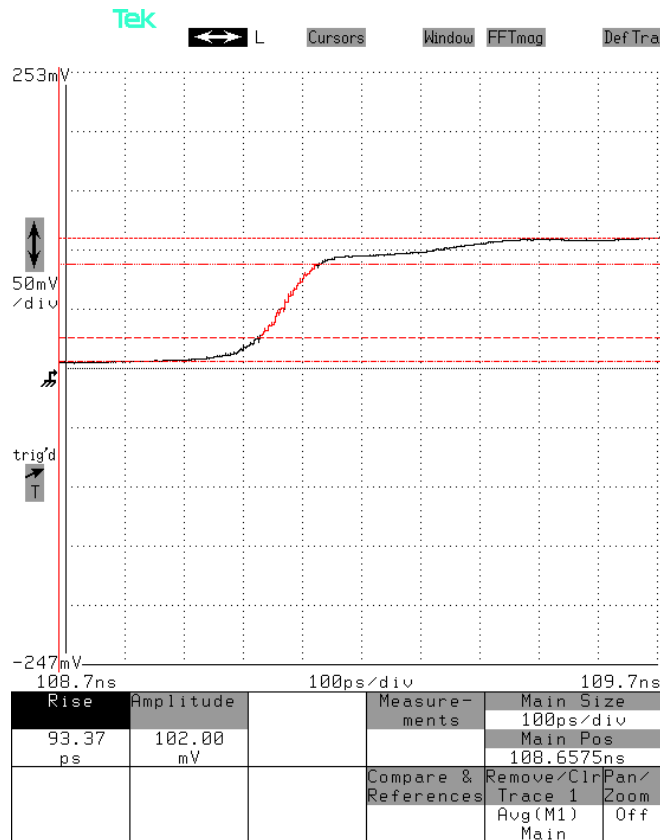
Output Amplitude: 0 to +10V, to 50Ω
Pulse Width (FWHM): 0.2 ns – 100 ns
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 135 ps, 200 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

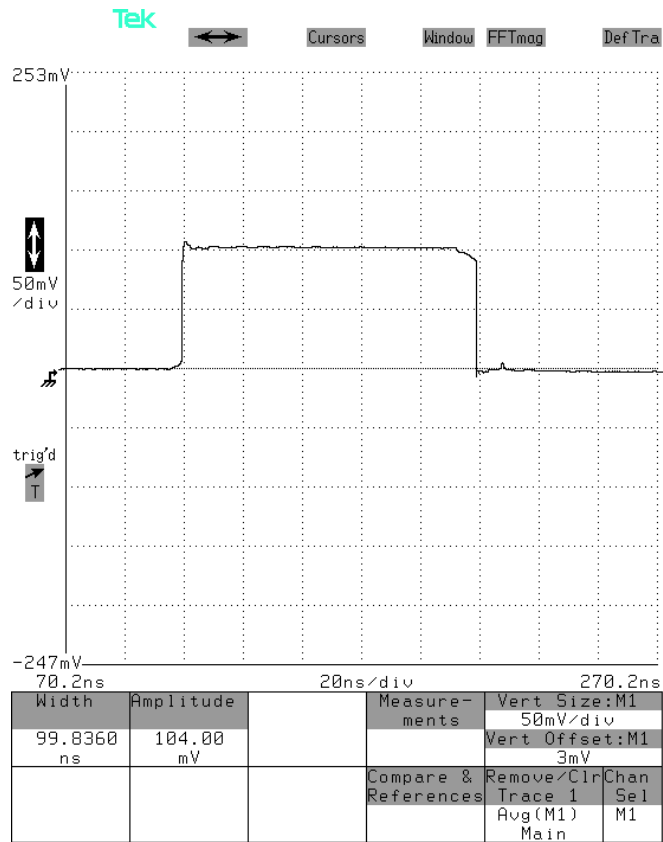
Leading edge at 100 kHz, 100 ns, +10V,
100 ps/div. 5 V/div (50 mV × 40 dB):

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



Full pulse at 100 kHz, 100 ns, +10V,

20 ns/div. 5 V/div (50 mV × 40 dB):



Full pulse at 100 kHz, 0.6 ns, +10V,

500 ps/div. 5 V/div (50 mV × 40 dB):

