



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVMP-2-EW-M-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 11653
Date: December 5, 2006

Output Amplitude: 0 to +10V, to 50Ω
Pulse Width (FWHM): 5 – 100 ns
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 135 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

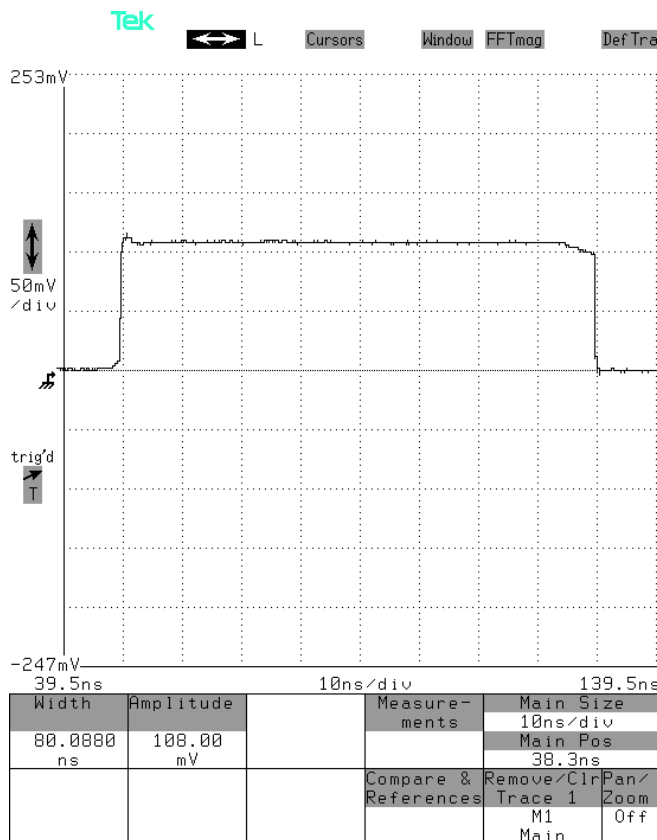
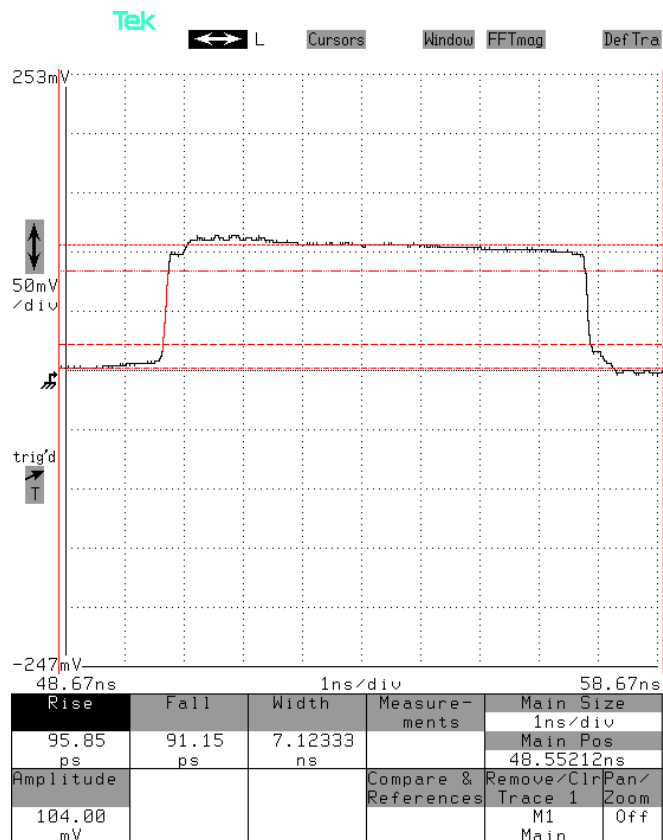
Test Waveforms

Full pulse at 100 kHz, 7 ns, +10V,

1 ns/div. 5 V/div (50 mV × 40 dB):

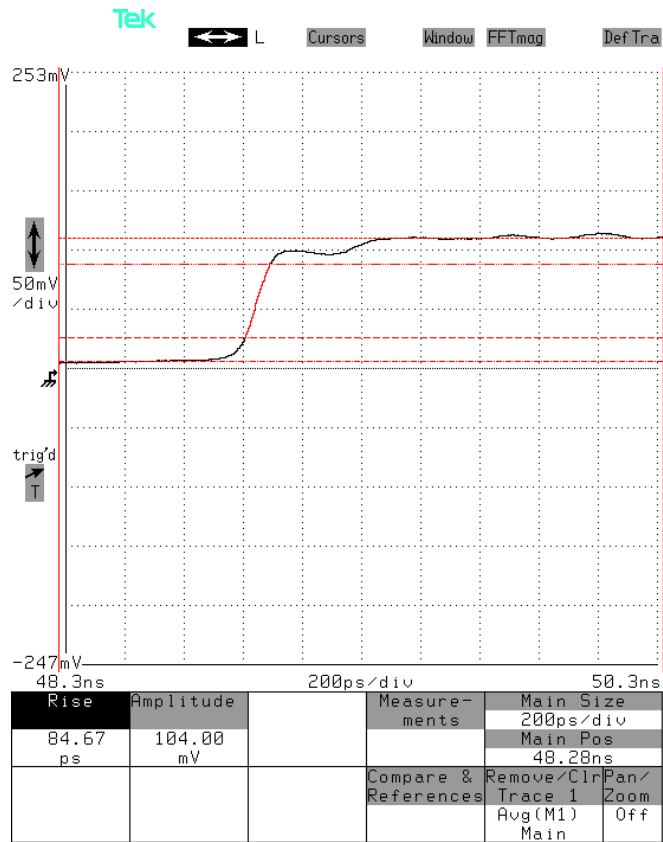
Full pulse at 100 kHz, 80 ns, +10V,

10 ns/div. 5 V/div (50 mV × 40 dB):



Leading edge at 100 kHz, 80 ns, +10V,

200 ps/div. 5 V/div (50 mV × 40 dB):



Trailing edge at 100 kHz, 80 ns, +10V,

200 ps/div. 5 V/div (50 mV × 40 dB):

