



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVPP-1-C-PN-EA-OT-M
Type: Ultra-High-Speed Pulse Generator
S.N.: 12482
Date: August 11, 2010

Output Amplitude: 0 to $\pm 10V$, to 50 Ω
Pulse Width (FWHM): 0.2 to 100 ns
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 120 or 350 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

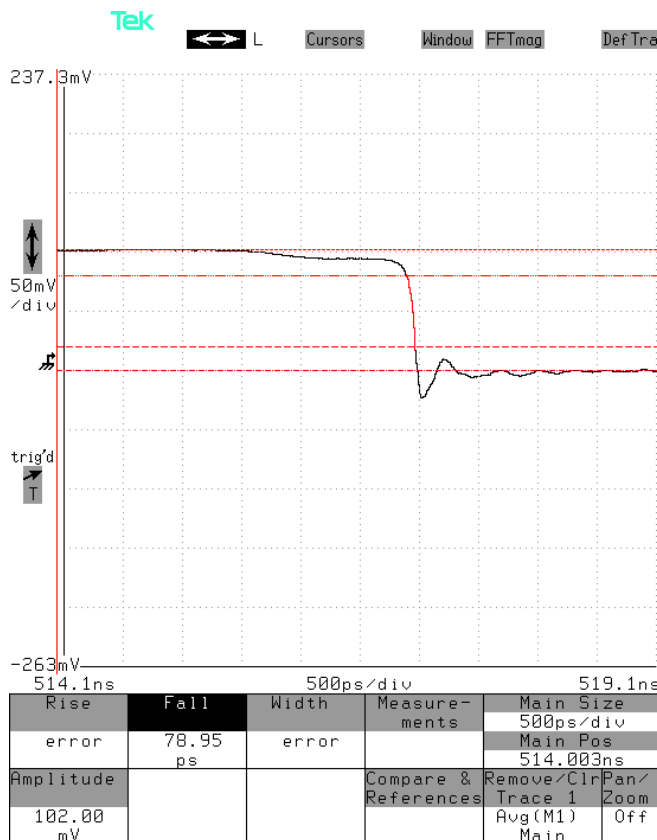
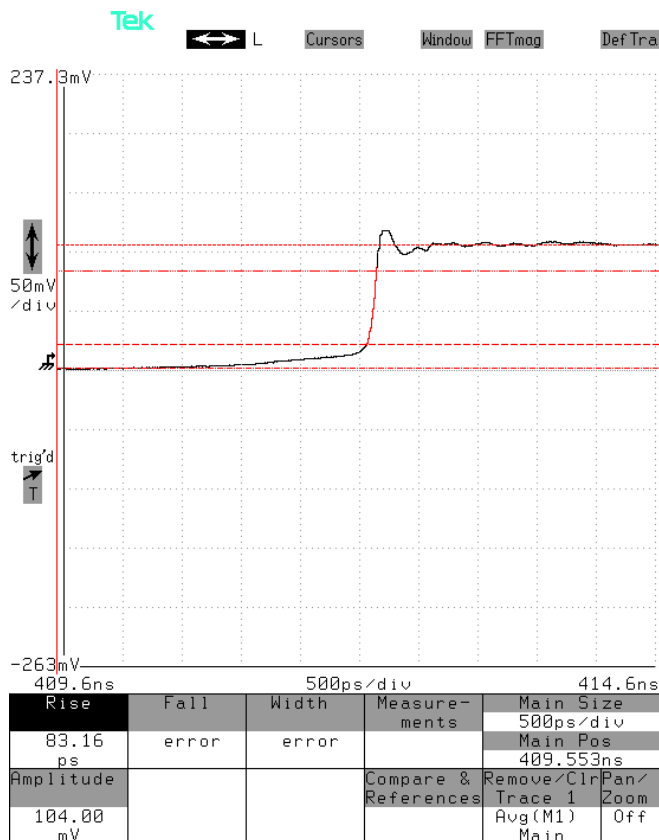
Test Waveforms

Leading edge at 1 MHz, 100 ns, $> +10V$,

500 ps/div. 5 V/div (50 mV \times 40 dB):

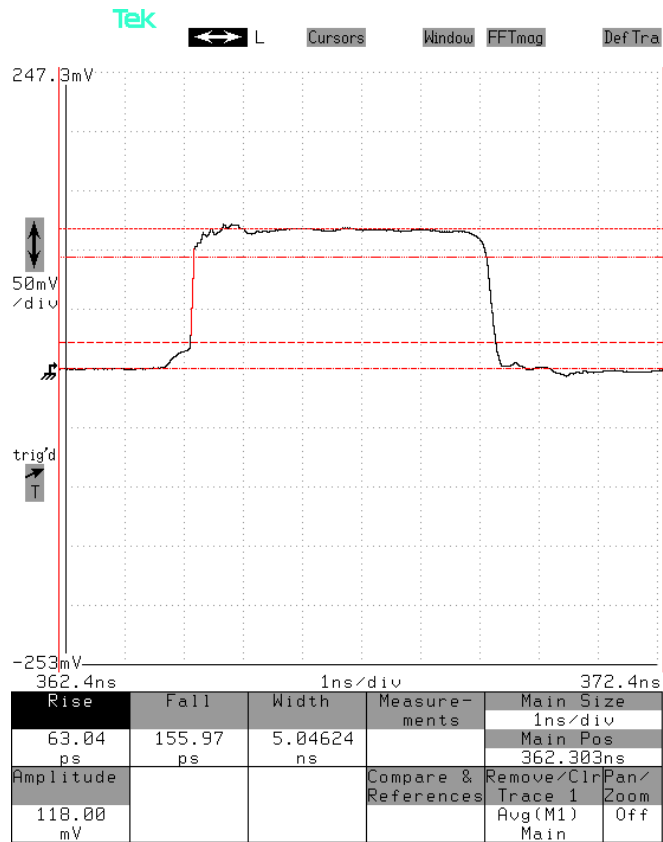
Trailing edge at 1 MHz, 100 ns, $> +10V$,

500 ps/div. 5 V/div (50 mV \times 40 dB):



Full pulse at 100 kHz, 5 ns, > +10V,

1 ns/div. 5 V/div (50 mV × 40 dB):



Full pulse at 1 MHz, < 200 ps, +10V,

500 ps/div. 5 V/div (50 mV × 40 dB):

