



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVP-AV-2-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 11501
Date: June 26, 2006

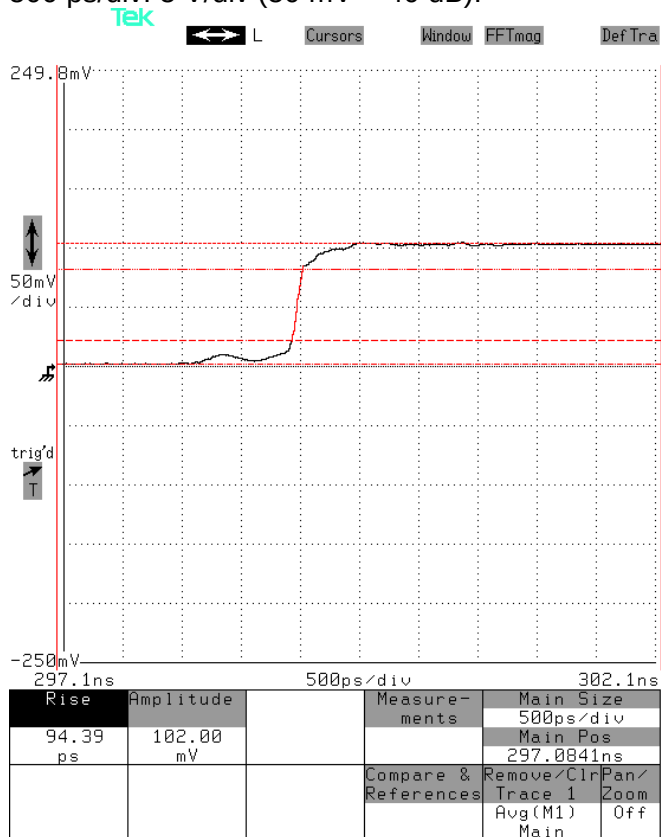
Output Amplitude: 0 to +10V, to 50Ω
Pulse Width (FWHM): 2 – 50 ns
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 200 ps
PRF: 1 Hz - 50 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

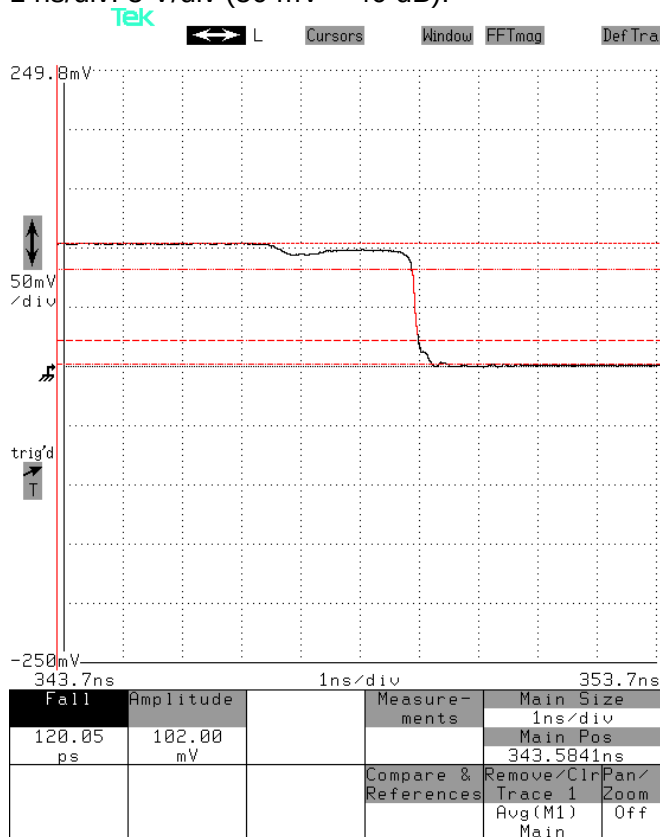
Leading edge at 50 kHz, 50 ns, +10V,

500 ps/div, 5 V/div (50 mV × 40 dB):



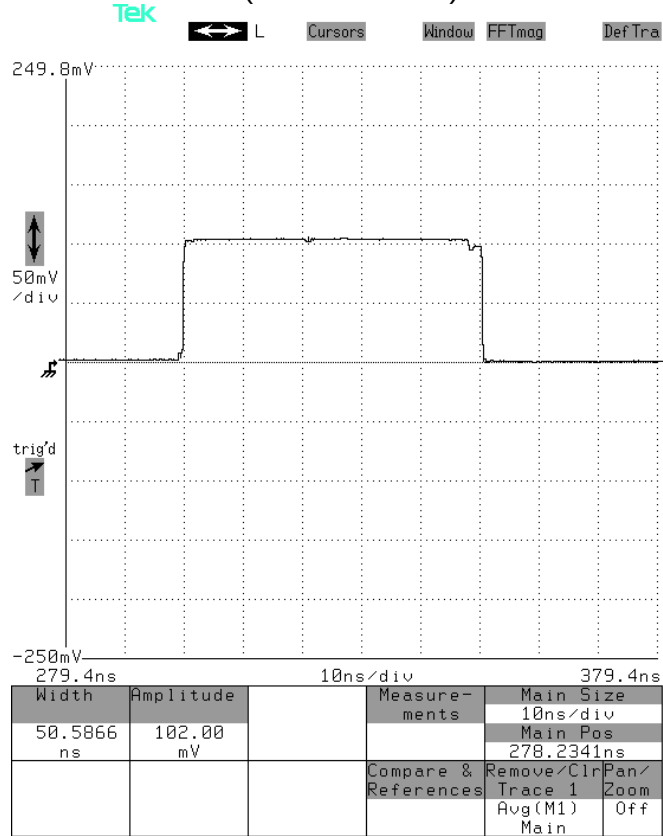
Trailing edge at 50 kHz, 50 ns, +10V,

1 ns/div, 5 V/div (50 mV × 40 dB):



Full pulse at 50 kHz, 50 ns, +10V,

10 ns/div. 5 V/div (50 mV × 40 dB):



Full pulse at 50 kHz, 2 ns, +10V,

500 ps/div. 5 V/div (50 mV × 40 dB):

