

AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

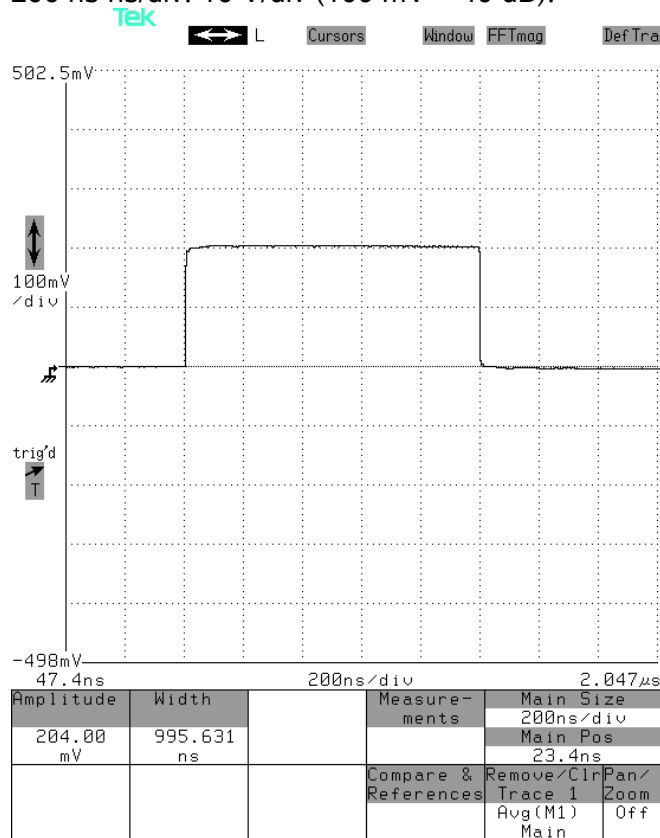
Model: AVPP-2A-B-AK1-EA-PN-R5-M
Type: Ultra-High-Speed Pulse Generator
S.N.: 11489
Date: June 8, 2006

Output Amplitude: 0 to $\pm 20V$, to 50 Ω
Pulse Width (FWHM): 0.6 ns – 1 μs
Rise Time (20%-80%): ≤ 250 ps
Fall Time (80%-20%): $\leq 350 - 500$ ps
PRF: 1 Hz - 100 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

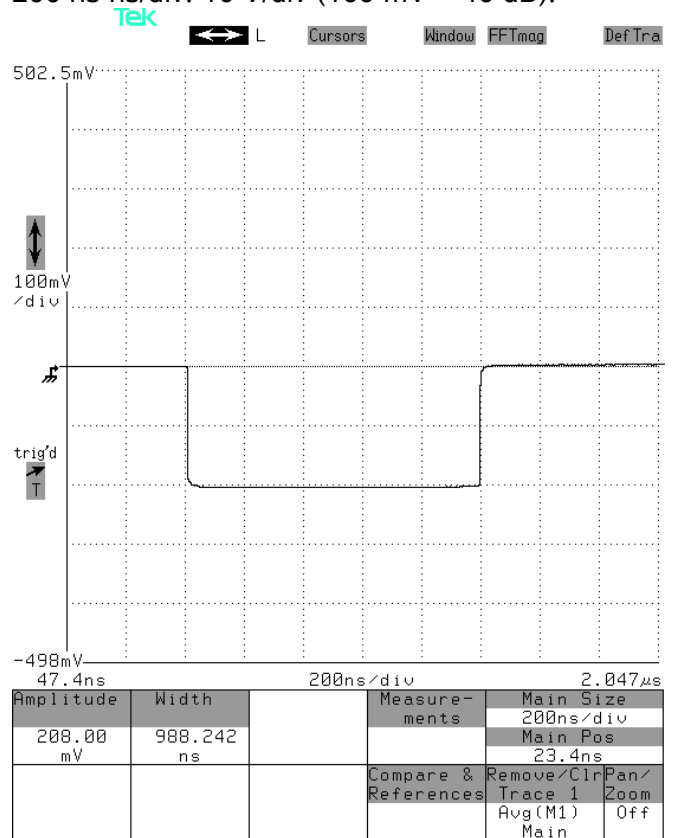
Basic specifications: →

Test Waveforms

1 μs , 10 kHz, +20V.
200 ns ns/div. 10 V/div (100 mV \times 40 dB):



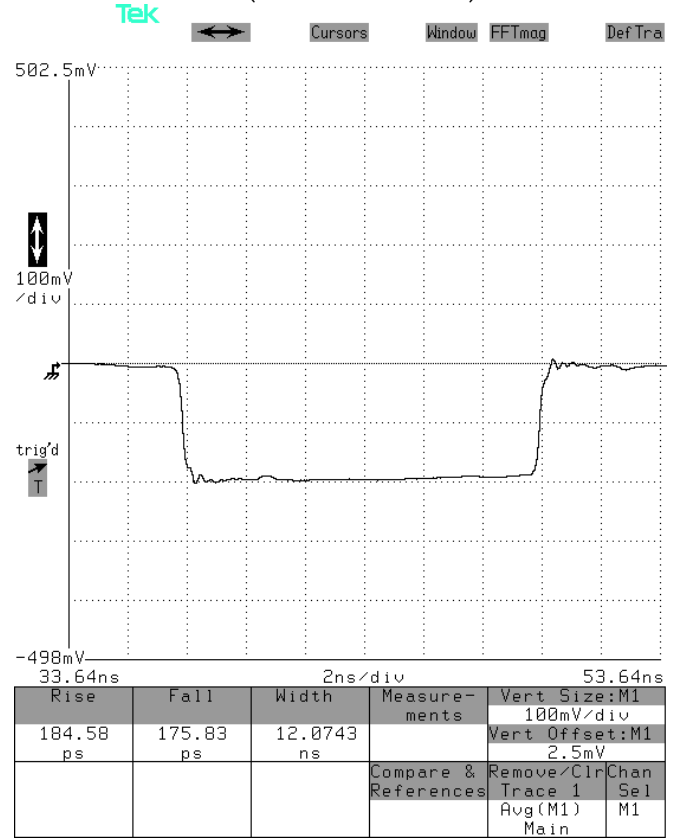
1 μs , 10 kHz, -20V.
200 ns ns/div. 10 V/div (100 mV \times 40 dB):



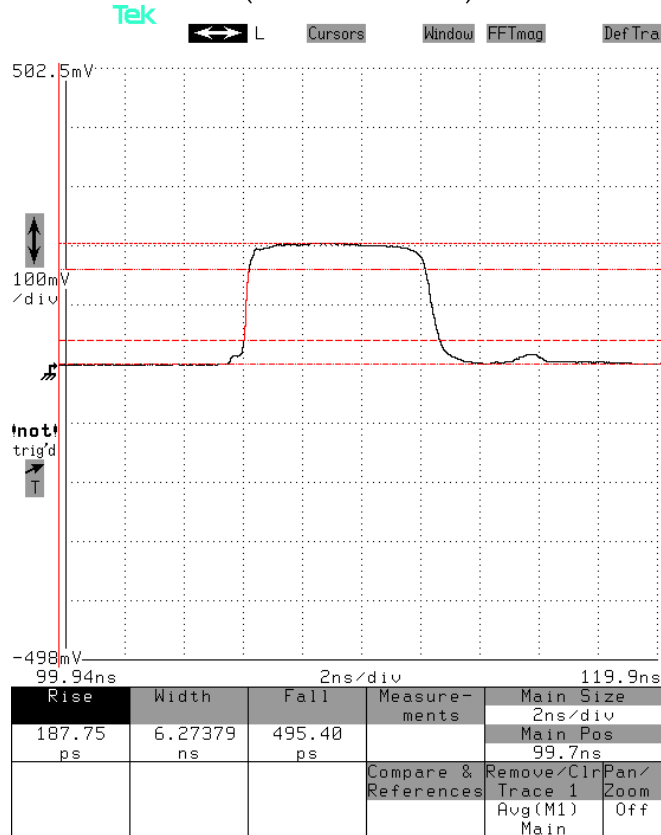
12 ns, 10 kHz, +20V.
2 ns/div. 10 V/div (100 mV × 40 dB):



12 ns, 10 kHz, -20V.
2 ns/div. 10 V/div (100 mV × 40 dB):



6 ns, 10 kHz, +20V.
2 ns/div. 10 V/div (100 mV × 40 dB):



6 ns, 10 kHz, -20V.
2 ns/div. 10 V/div (100 mV × 40 dB):

