



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVP-AVH-C-2CHPP-CUA
Type: Ultra-High-Speed Pulse Generator
S.N.: 11706
Date: April 24, 2007

Output A: +5 to +20V, 0.5 to 1.5 ns, with
≤ 200 ps rise/fall time (20%-80%)
Output B: +2 to +15V, < 100 ps PW
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

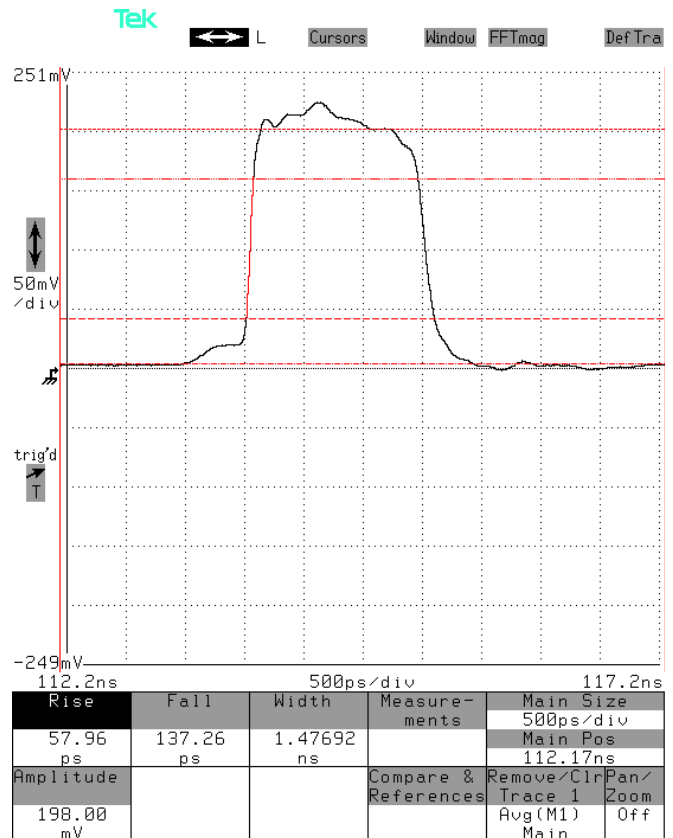
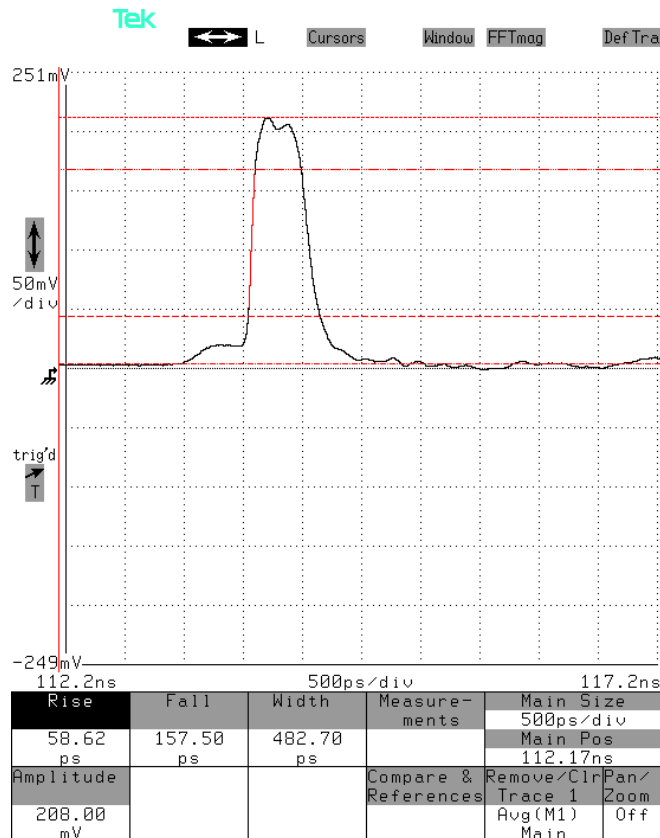
Test Waveforms

OUT A, 1 MHz, < 0.5 ns PW, > 20V.

OUT A, 1 MHz, 1.5 ns PW, +20V.

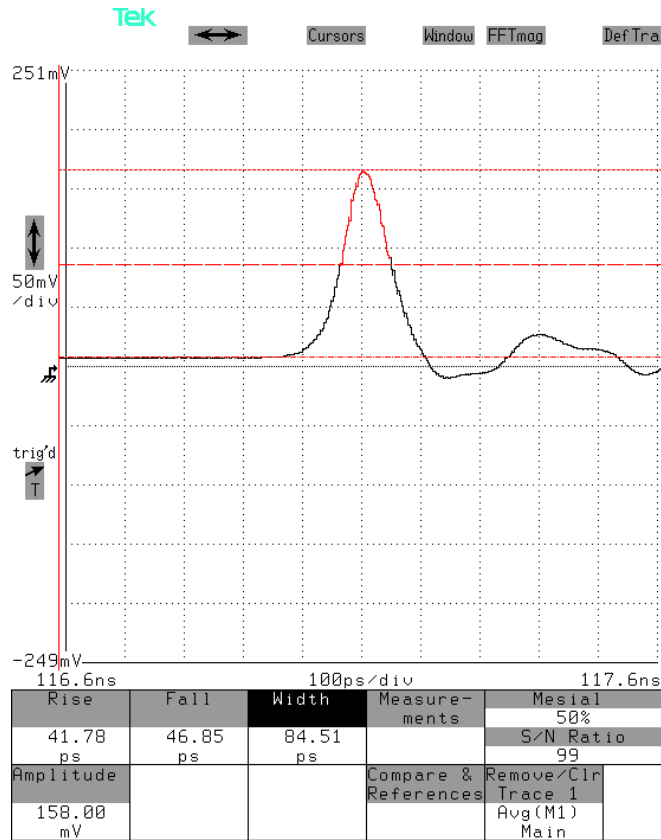
500 ps/div. 5 V/div (50 mV × 40 dB):

500 ps/div. 5 V/div (50 mV × 40 dB):



OUT B, 1 MHz, > 15V.

100 ps/div. 5 V/div (50 mV × 40 dB):



OUT A and OUT B combined together (at 1 MHz) using an external lossy power combiner to illustrate the delay feature.

500 ps/div. 5 V/div (50 mV × 40 dB):

