



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVMP-2-EA-EW-P-NTD
Type: Ultra-High-Speed Pulse Generator
S.N.: 13296
Date: June 11, 2015

Output Amplitude: up to +5V, to 50Ω
Pulse Width (FWHM): 5 to 105 ns
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 150 ps
PRF: 1 Hz – 10 kHz
Jitter, Stability: OK
Prime Power: +24V DC

Basic specifications: →

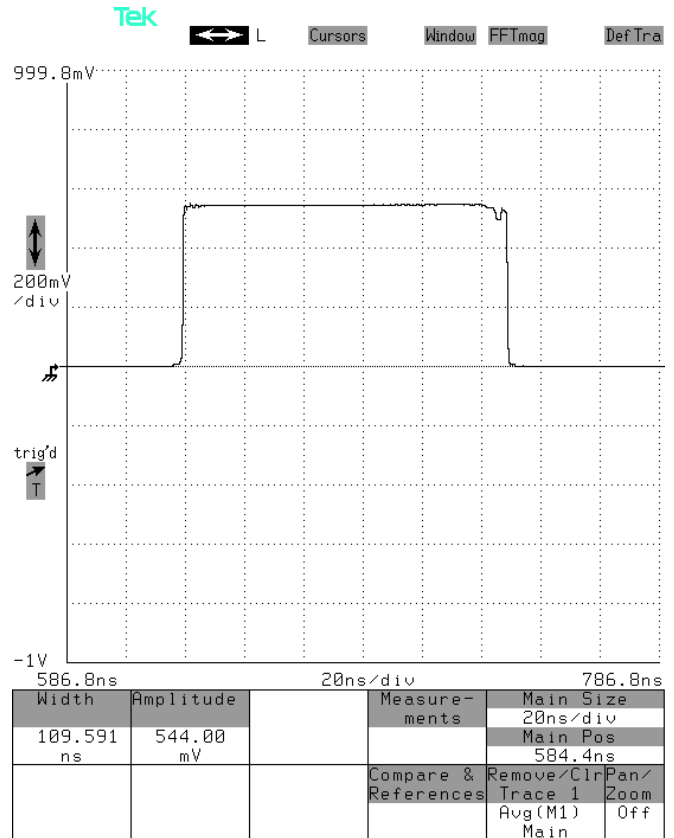
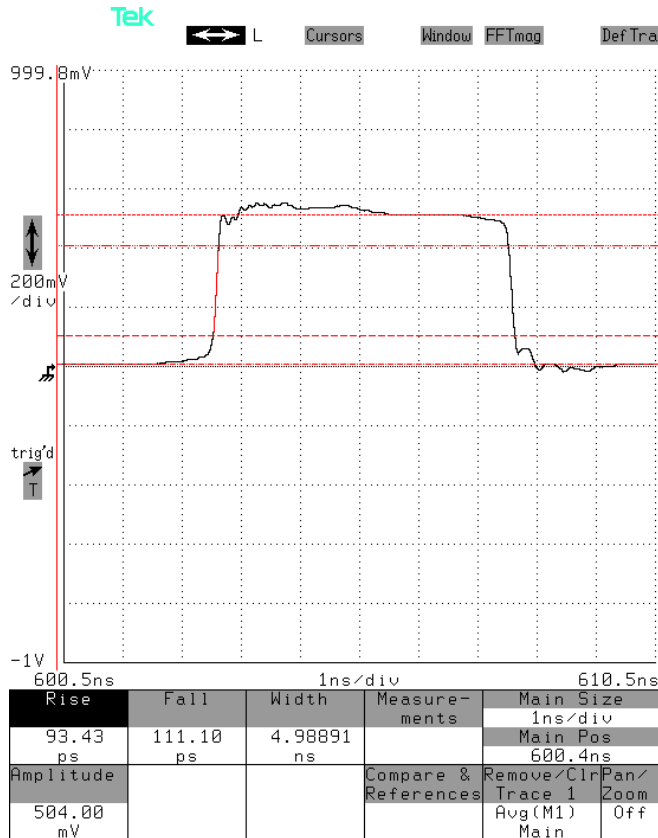
Test Waveforms

< 5 ns pulse width at 10 kHz, > 5V out,

> 105 ns pulse width at 10 kHz, > 5V out,

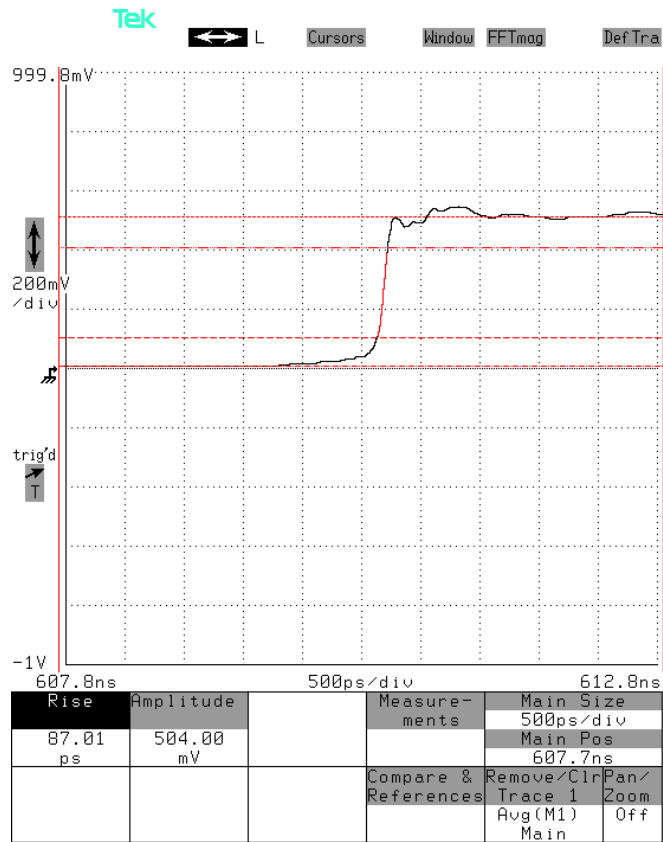
1 ns/div. 2 V/div (200 mV/div × 20 dB):

20 ns/div. 2 V/div (200 mV/div × 20 dB):



Rising edge for 105 ns, at 10 kHz, > 5V out,

500 ps/div. 2 V/div (200 mV/div × 20 dB):



Falling edge for 105 ns, at 10 kHz, > 5V out,

1 ns/div. 2 V/div (200 mV/div × 20 dB):

