



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVMP-3-C-P-PN-EA-EW-M
Type: Ultra-High-Speed Pulse Generator
S.N.: 13036
Date: June 20, 2013

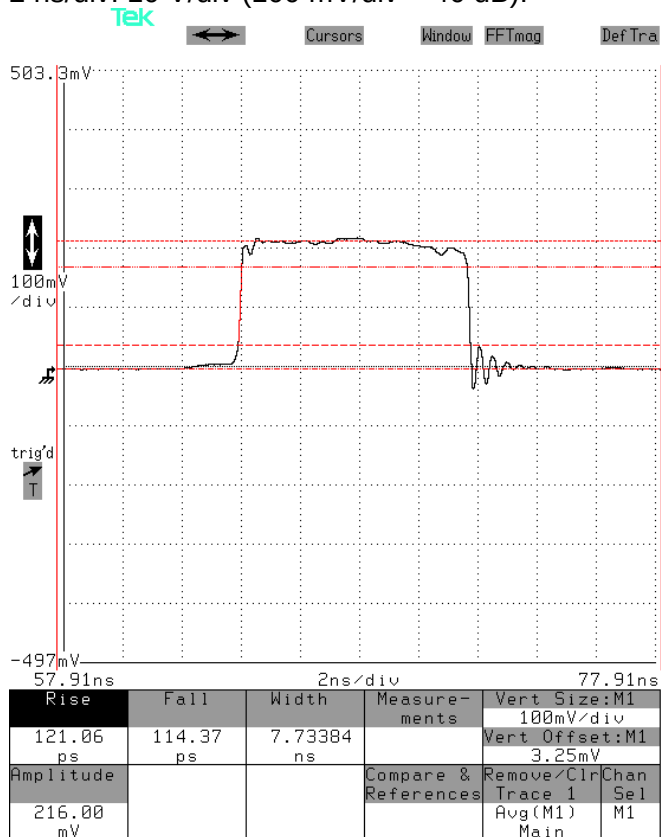
Output Amplitude: up to $\pm 20V$, to 50Ω
Pulse Width (FWHM): 8 – 100 ns
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 300 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

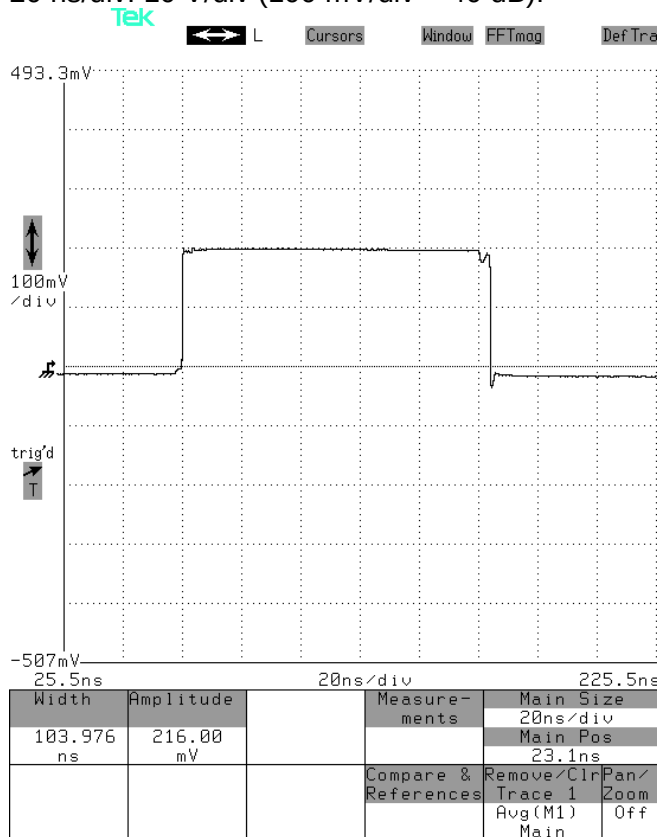
Full pulse at 1 MHz, < 8 ns, $> +20V$,

2 ns/div, 10 V/div (100 mV/div \times 40 dB):



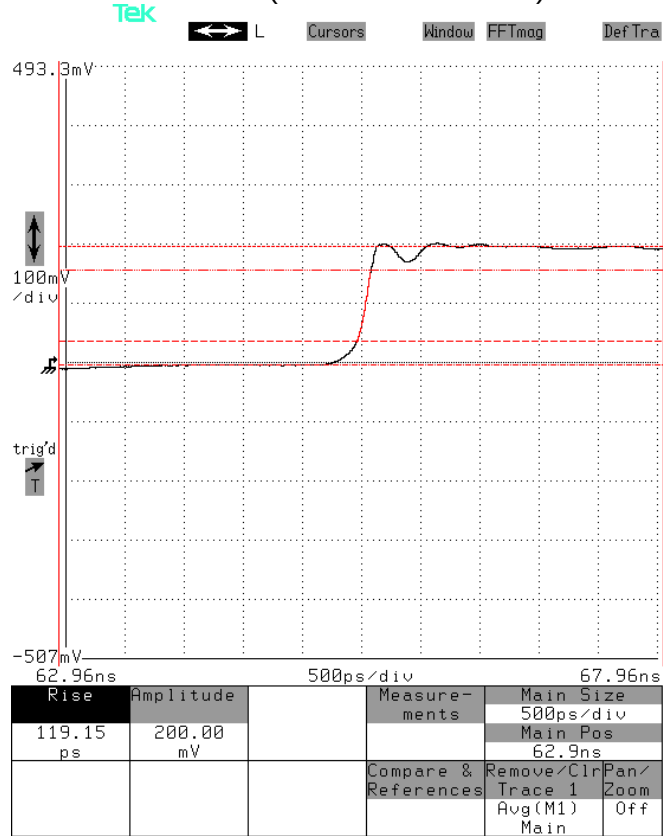
Full pulse at 1 MHz, > 100 ns, $> +20V$,

20 ns/div, 10 V/div (100 mV/div \times 40 dB):



Leading edge at 1 MHz, 100 ns, +20V,

0.5 ns/div. 10 V/div (100 mV/div × 40 dB):



Trailing edge at 1 MHz, > 100 ns, > +20V,

1 ns/div. 10 V/div (100 mV/div × 40 dB):

