



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVIR-4-C-EA-EW-R5-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 13780
Date: September 28, 2018

Output Amplitude: up to +200V, to 50Ω
Pulse Width (FWHM): 4 – 200 ns
Rise Time (20%-80%): ≤ 2 ns
Fall Time (80%-20%): ≤ 2 ns
PRF: 1 Hz - 20 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

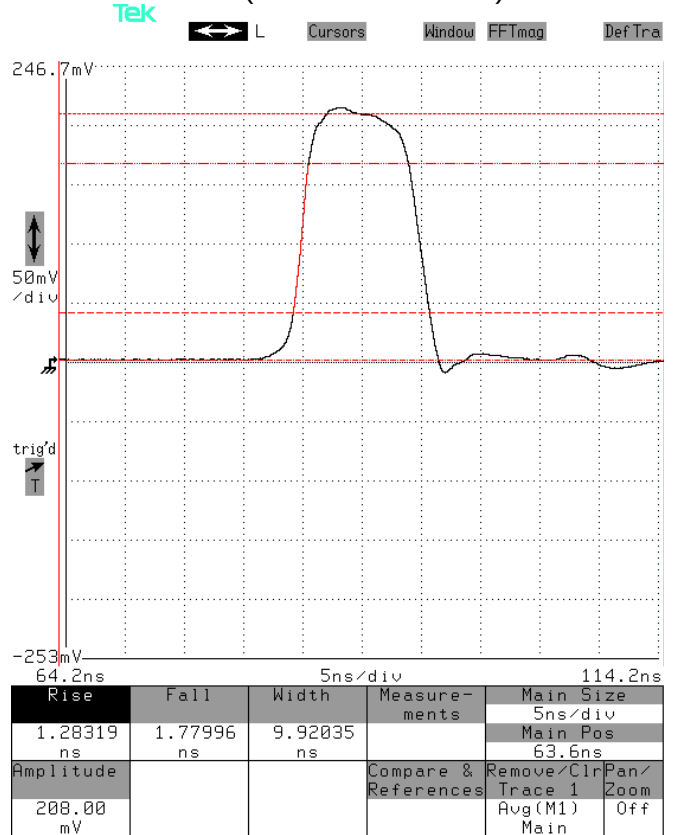
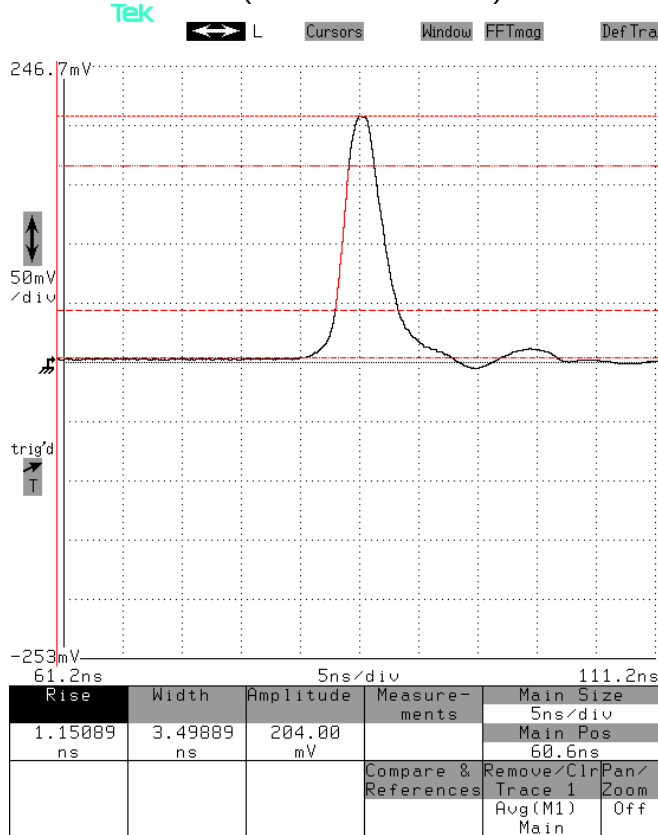
Test Waveforms

20 kHz, < 4 ns, > +200V,

20 kHz, 10 ns, > +200V,

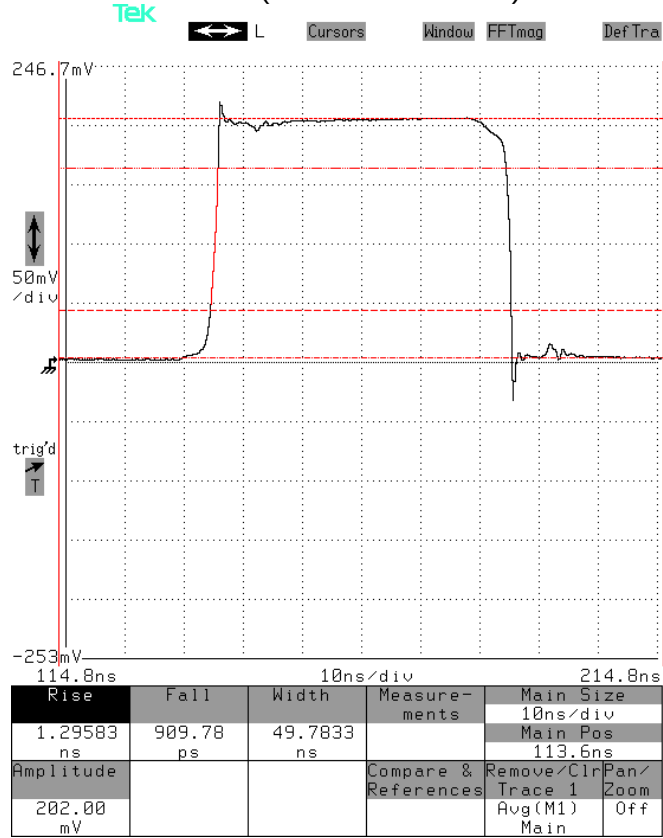
5 ns/div. 50 V/div (50 mV/div × 60 dB):

5 ns/div. 50 V/div (50 mV/div × 60 dB):



20 kHz, 50 ns, > +200V,

10 ns/div. 50 V/div (50 mV/div × 60 dB):



20 kHz, > 200 ns, > +200V,

50 ns/div. 50 V/div (50 mV/div × 60 dB):

