



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVIR-4-C-PN
Type: Ultra-High-Speed Pulse Generator
S.N.: 12986
Date: March 28, 2013

Output Amplitude: up to $\pm 200V$, 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: →

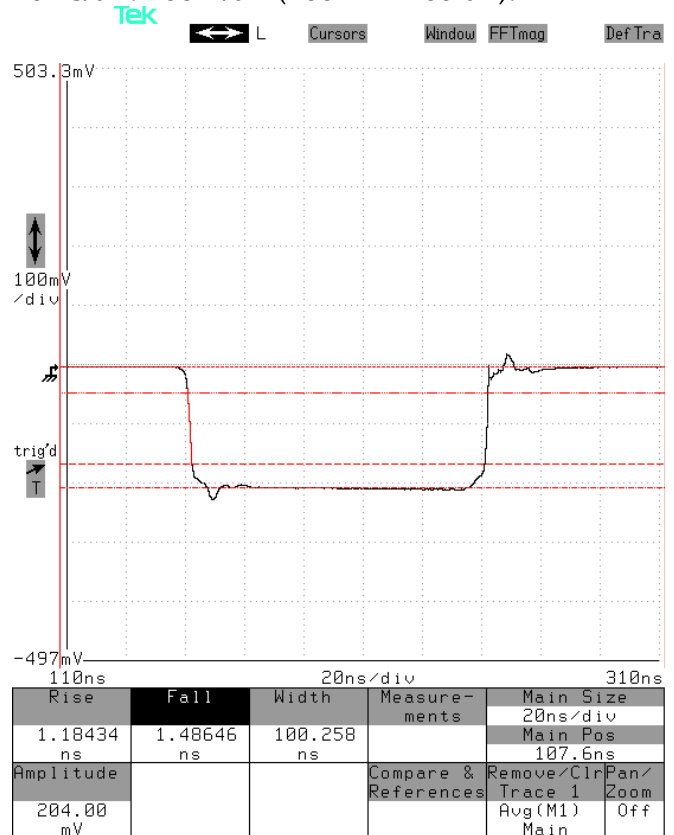
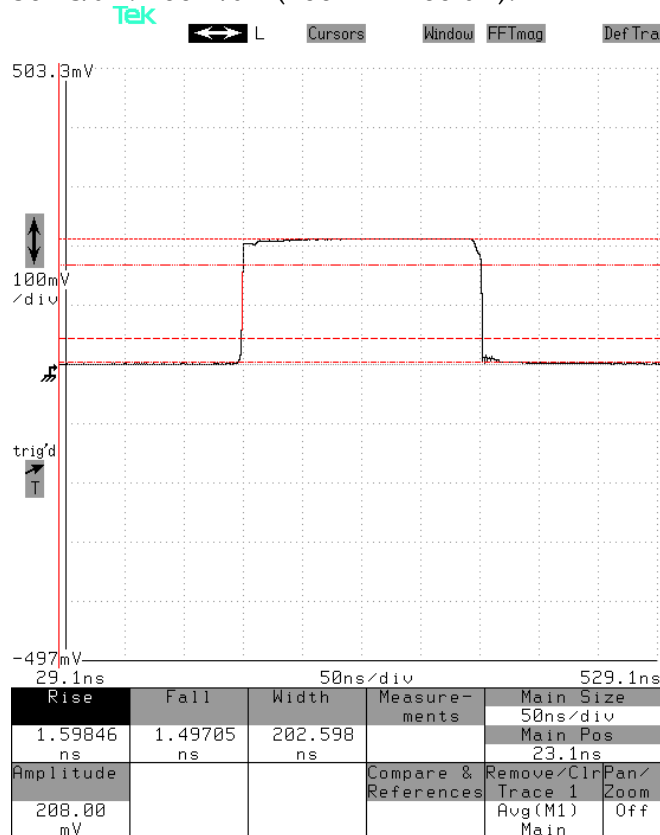
Test Waveforms

20 kHz, 200 ns, +200V,

20 kHz, 100 ns, -200V,

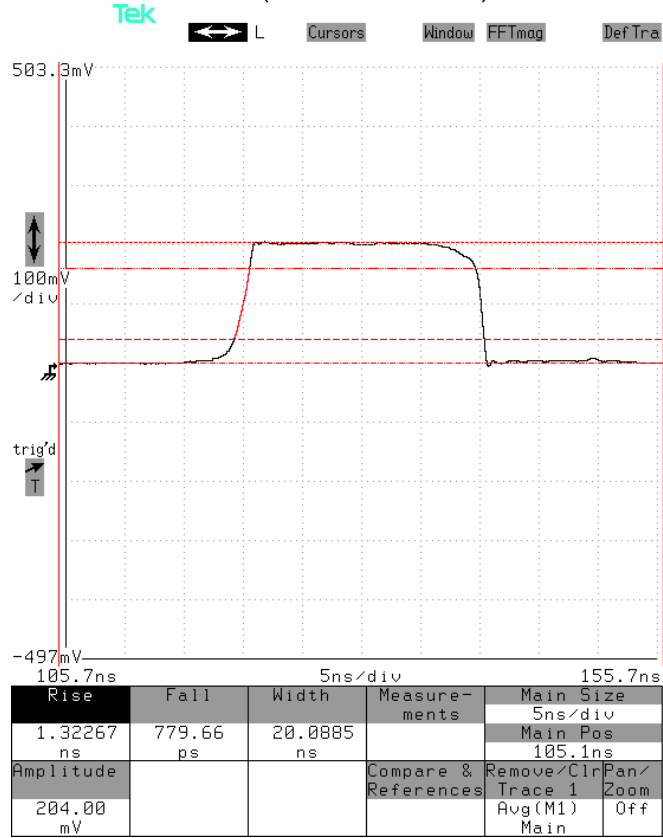
50 ns/div. 100 V/div (100 mV \times 60 dB):

20 ns/div. 100 V/div (100 mV \times 60 dB):



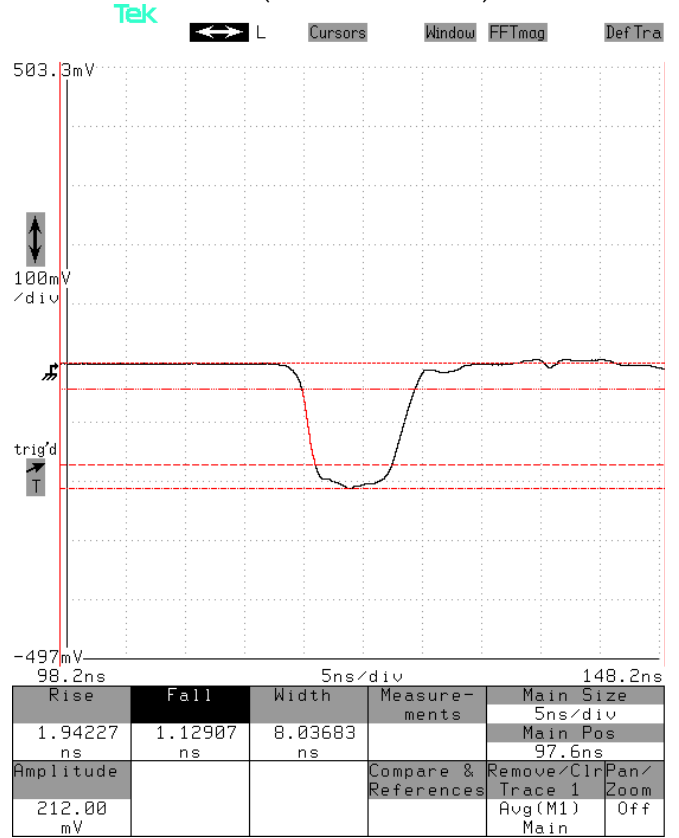
20 kHz, 20 ns, +200V,

5 ns/div. 100 V/div (100 mV × 60 dB):



20 kHz, 8 ns, -200V,

5 ns/div. 100 V/div (100 mV × 60 dB):



20 kHz, 2.5 ns, +200V,

5 ns/div, 100 V/div (100 mV × 60 dB):

