



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVIR-3-B-PN-M
Type: Ultra-High-Speed Pulse Generator
S.N.: 12837
Date: June 19, 2012

Output Amplitude: to $\pm 200V$, to 50Ω
Pulse Width (FWHM): 10 – 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: →

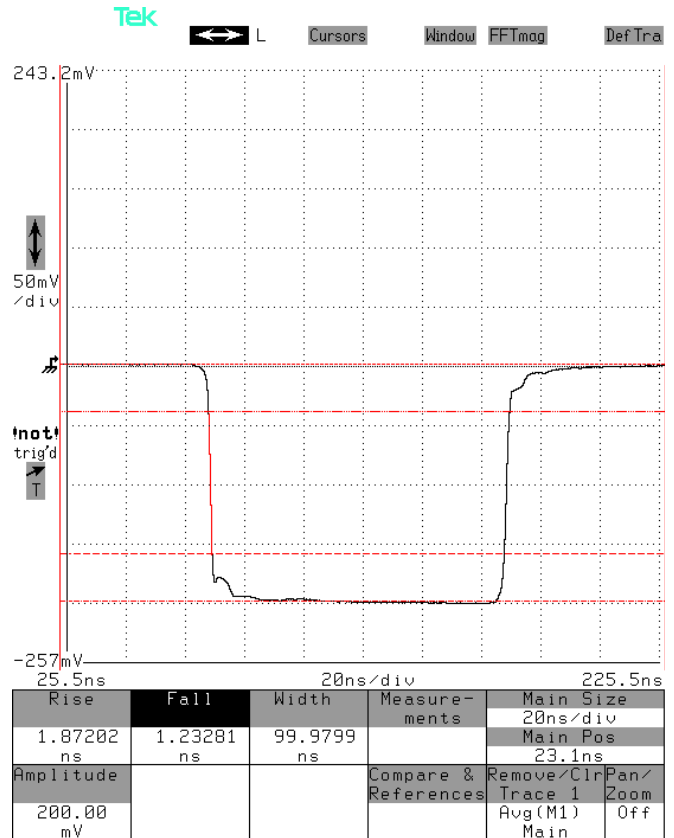
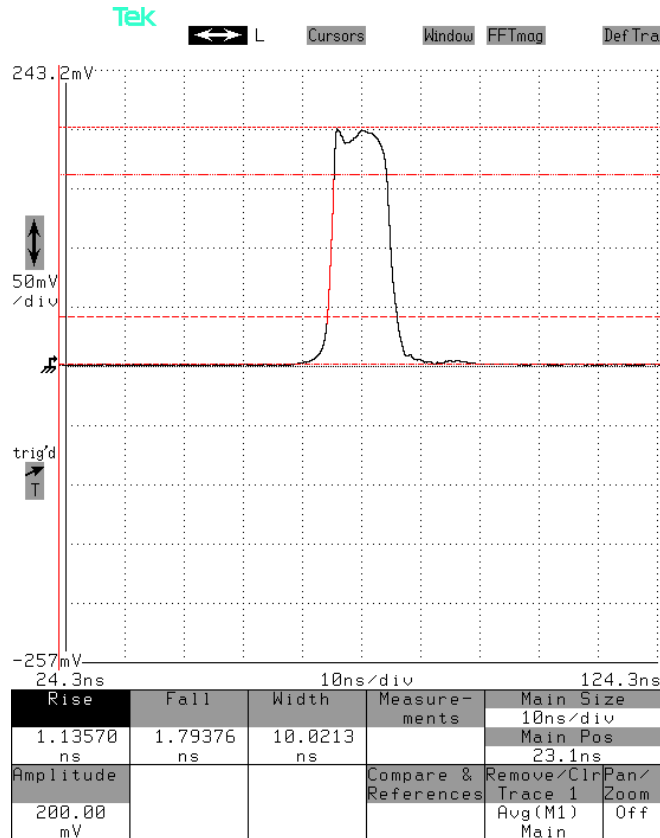
Test Waveforms

Full pulse at 20 kHz, 10 ns, +200V,

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

Full pulse at 20 kHz, 100 ns, -200V,

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



Full pulse at 20 kHz, 200 ns, +200V,

50 ns/div. 50 V/div (50 mV × 60 dB):

