

AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AV-1011B1-B-VXI-R5
Type: High-Speed Pulse Generator
S.N.: 13500
Date: September 16, 2016

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

Basic specifications: →

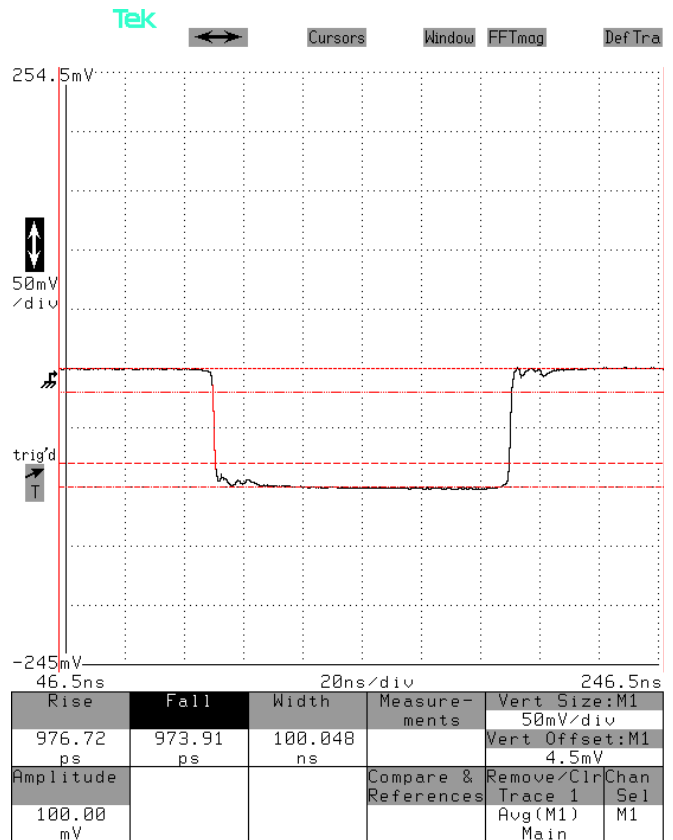
Test Waveforms

10 kHz, +100V, 100 ns, to 50 Ohms,

10 kHz, -100V, 100 ns, to 50 Ohms,

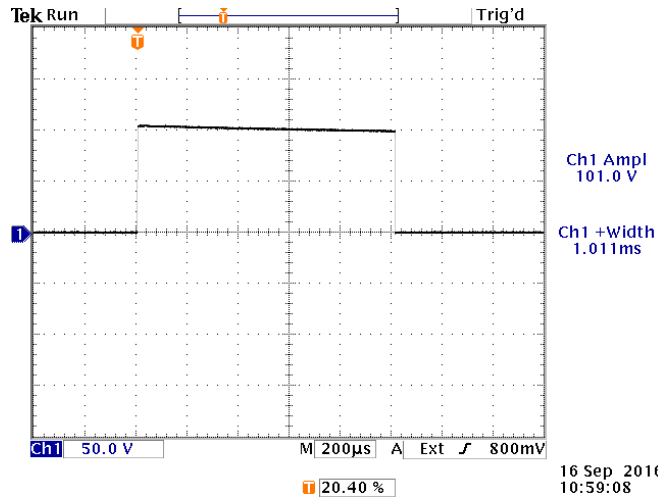
20 ns/div. 50 V/div (50 mV/div \times 60 dB):

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



10 Hz, +100V, 1 ms, to 50 Ohms,

200 us/div. 50 V/div:



10 Hz, -100V, 1 ms, to 50 Ohms,

200 us/div. 50 V/div:

