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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AV-1011B1-B-TNT-BR
Type: High-Speed Pulse Generator
S.N.: 11822
Date: September 12, 2007

Output Amplitude: 0 to ±100V, to 50Ω
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: →

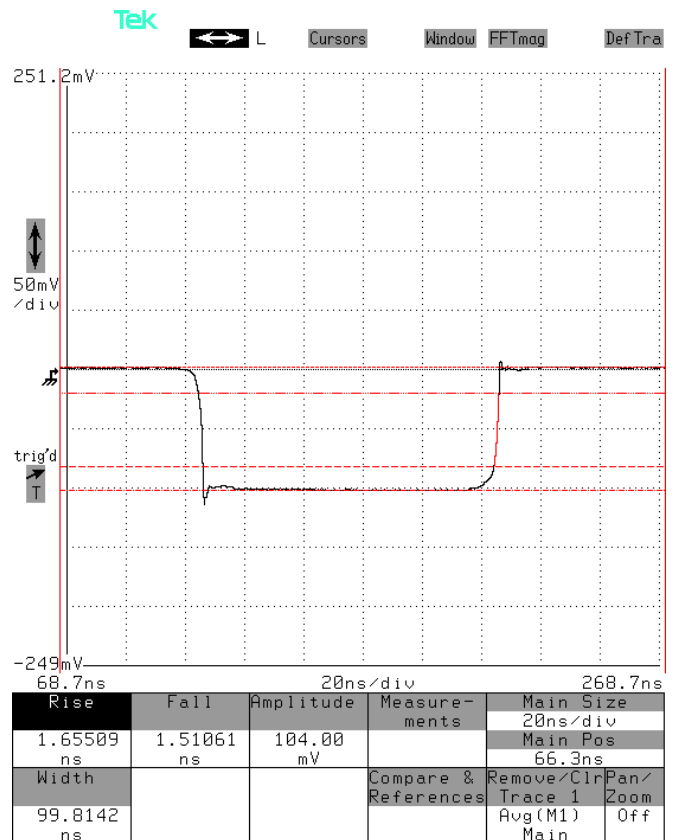
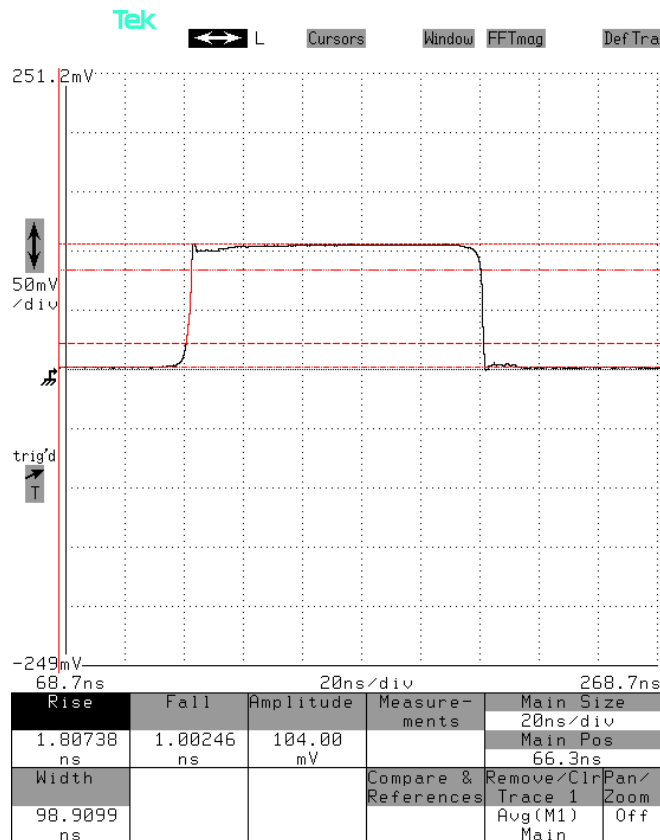
Test Waveforms

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

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

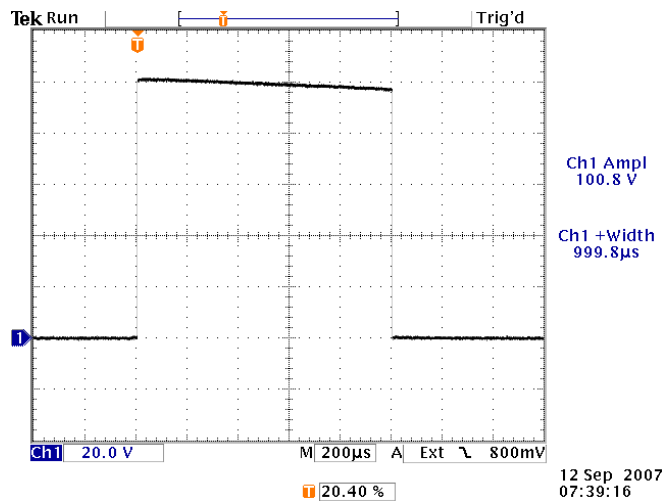
20 ns/div. 20 V/div (200 mV × 40 dB):

20 ns/div. 50 V/div (50 mV × 60 dB):



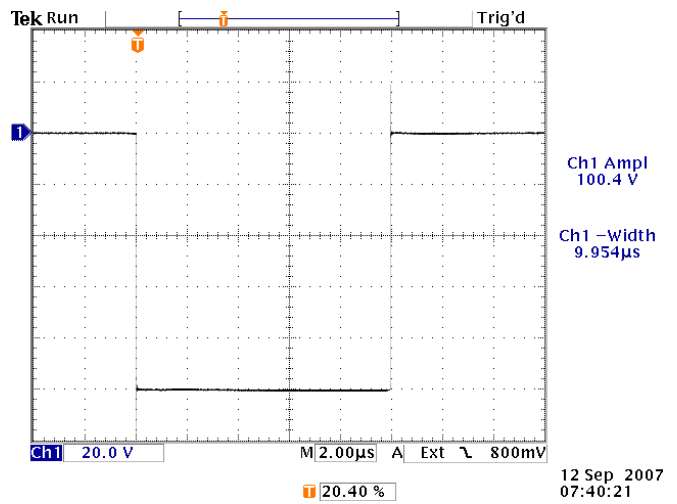
10 Hz, +100V, 1 ms, to 50 Ohms,

200 us/div. 20 V/div:



10 Hz, -100V, 10 us, to 50 Ohms,

2 us/div. 20 V/div:



Burst mode, 10 kHz, 10 us burst spacing, N=4,
PW = 500 ns, to 50 Ohms,

20 us/div. 50 V/div:

