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BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AV-1011B1-B-KAUSTA  
Type: High-Speed Pulse Generator  
S.N.: 13131  
Date: March 18, 2014

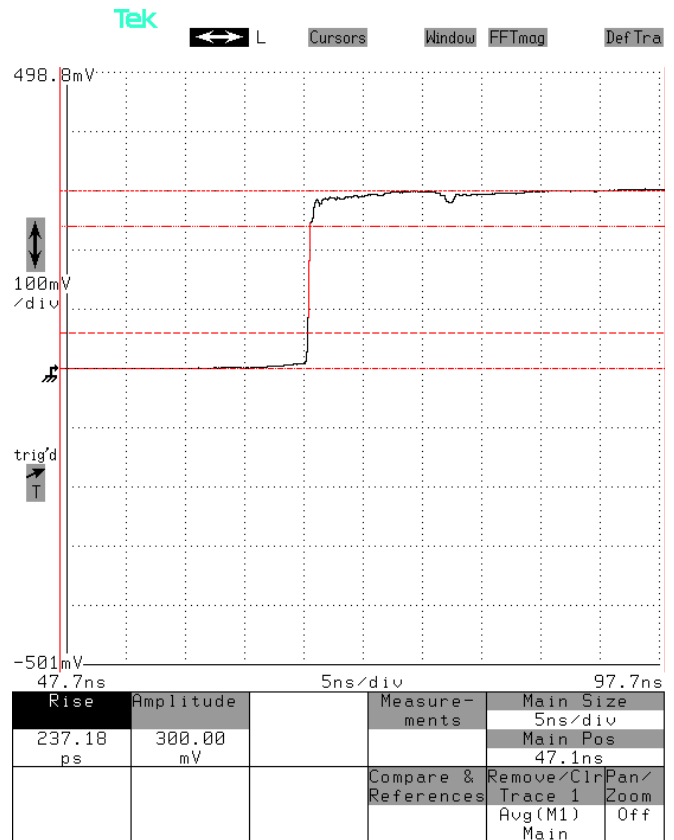
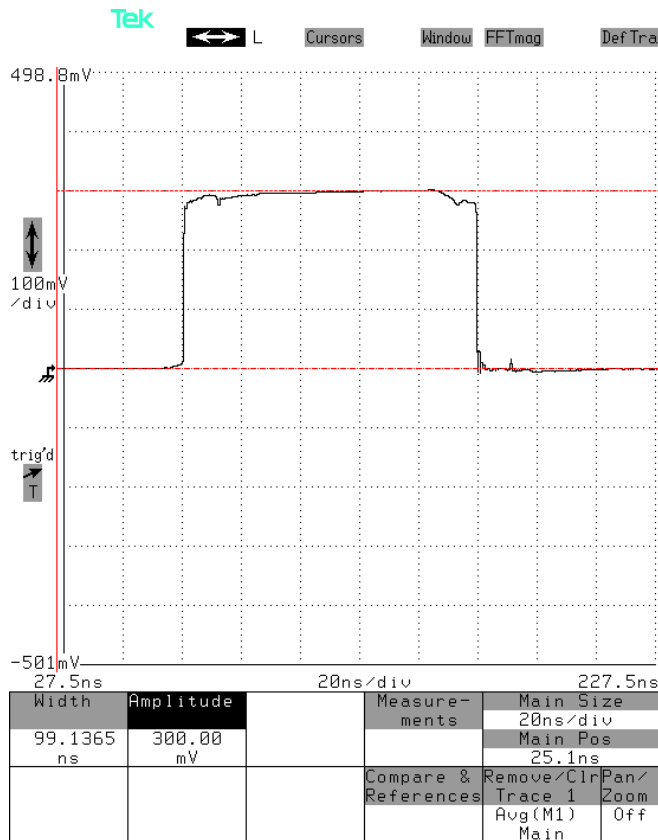
Output Amplitude:  $\leq \pm 3$  to  $\pm 30$  V, to 50 $\Omega$   
Pulse Width (FWHM): 100 ns – 10 ms  
Rise Time (20%-80%):  $\leq 0.5$  ns  
Fall Time (80%-20%):  $\leq 0.5$  ns  
PRF: 1 Hz - 100 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

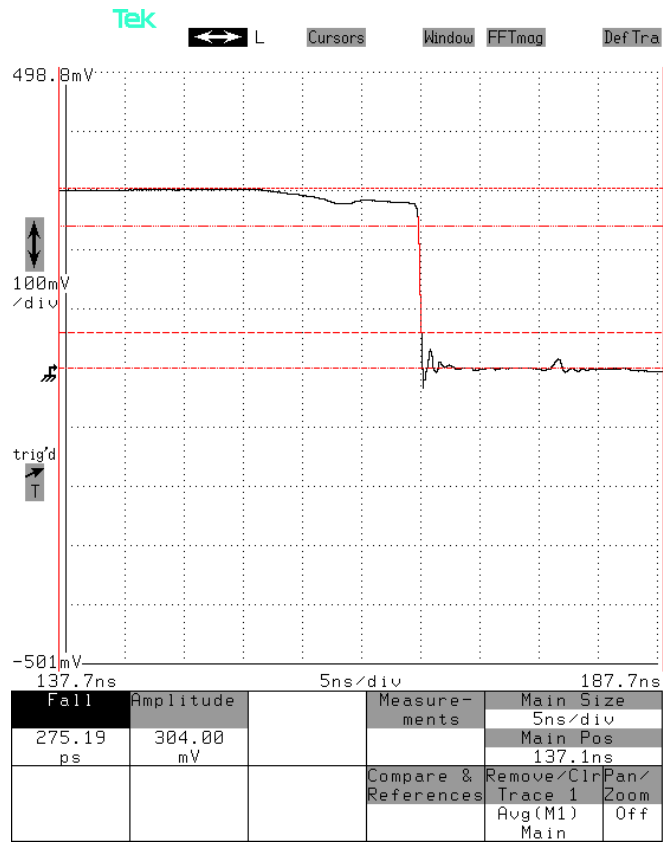
100 kHz, +30V, 100 ns, to 50 $\Omega$ , full pulse,  
20 ns/div. 10 V/div (100 mV/div  $\times$  40 dB):

100 kHz, +30V, 100 ns, to 50 $\Omega$ , leading edge,  
5 ns/div. 10 V/div (100 mV/div  $\times$  40 dB):



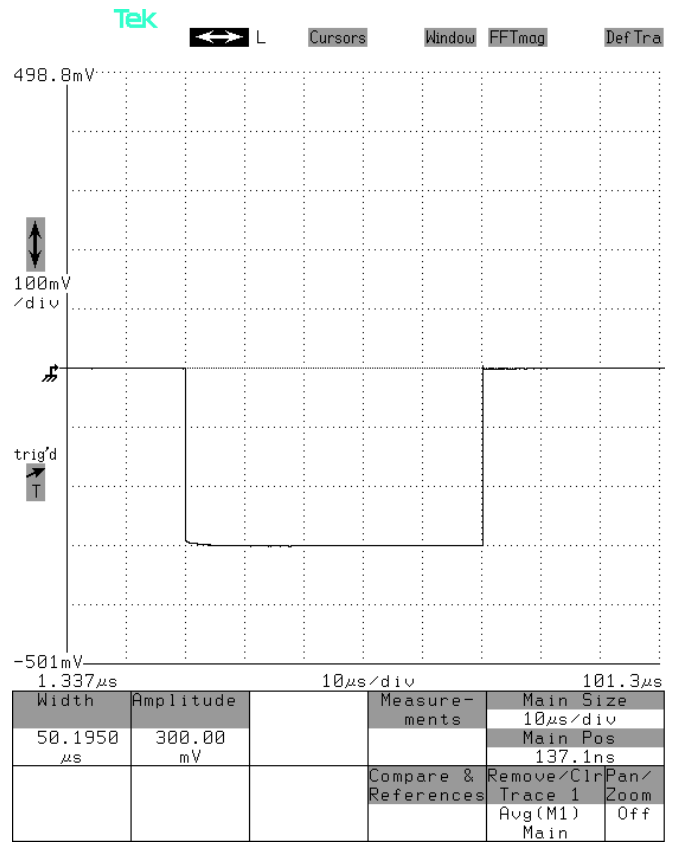
100 kHz, +30V, 100 ns, to 50Ω, trailing edge,

5 ns/div. 10 V/div (100 mV/div × 40 dB):



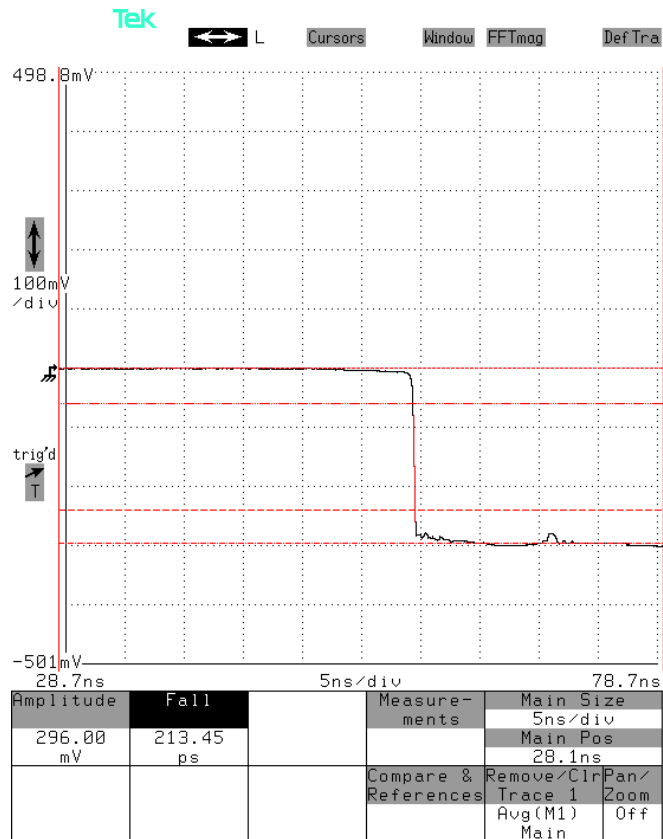
1 kHz, -30V, 50 us, to 50Ω, full pulse,

10 us/div. 10 V/div (100 mV/div × 40 dB):



1 kHz, -30V, 50 us, to 50Ω, leading edge,

5 ns/div. 10 V/div (100 mV/div × 40 dB):



5 Hz, +30V, 10 ms, to 50Ω, full pulse,

2 ms/div. 10 V/div (100 mV/div × 40 dB):

