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BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVN-W3-C-P  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12225  
Date: March 25, 2009

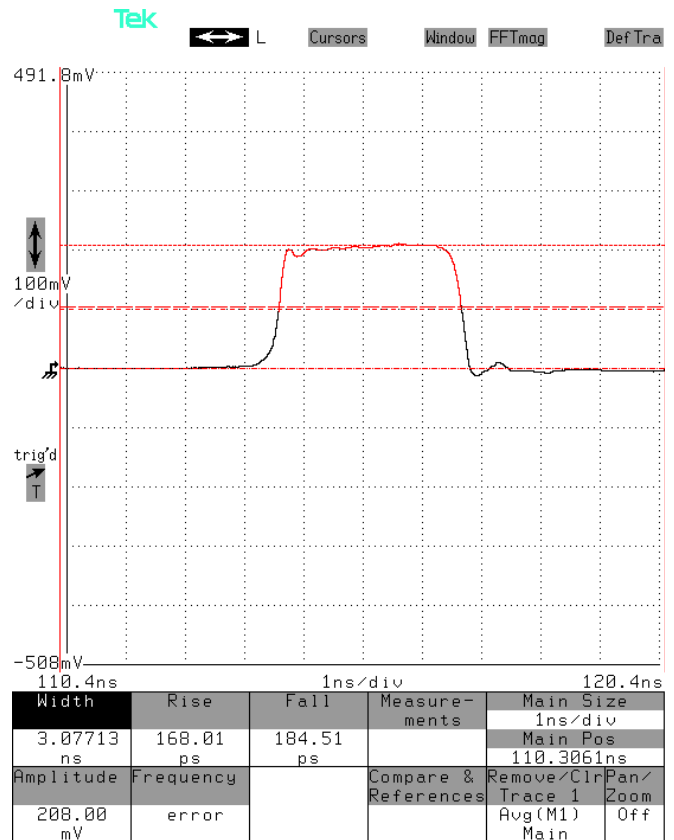
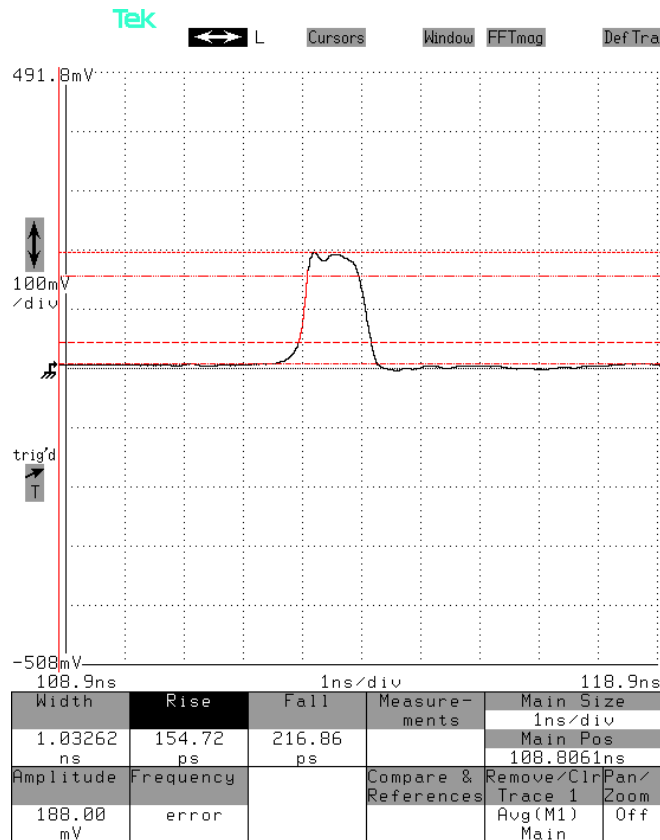
Output Amplitude: 0 to +20V, to 50Ω  
Pulse Width (FWHM): 0.5 - 5 ns  
Rise Time (20%-80%): ≤ 200 ps  
Fall Time (80%-20%): ≤ 300 ps  
PRF: 5 - 50 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

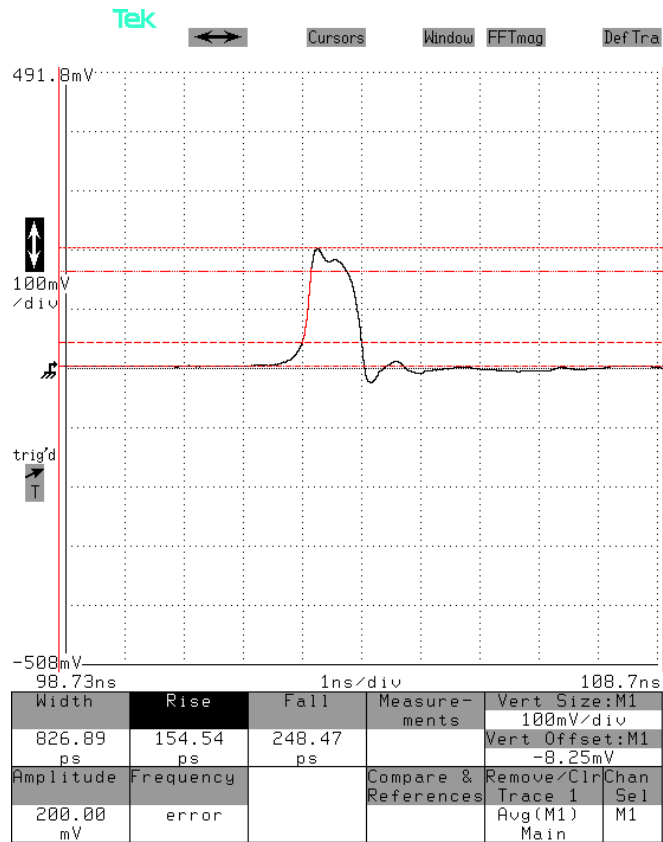
At 10 MHz, 1 ns, +20V, approximately,  
1 ns/div. 10 V/div (100 mV × 40 dB):

At 10 MHz, 3 ns, +20V, approximately,  
1 ns/div. 10 V/div (100 mV × 40 dB):



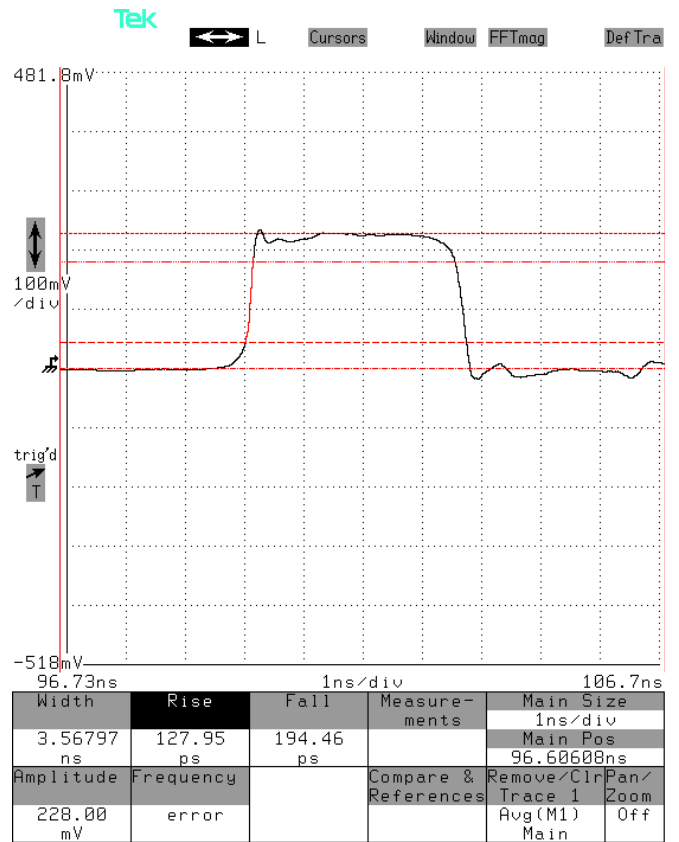
At 25 MHz, 0.8 ns, +20V, approximately,

1 ns/div. 10 V/div (100 mV × 40 dB):



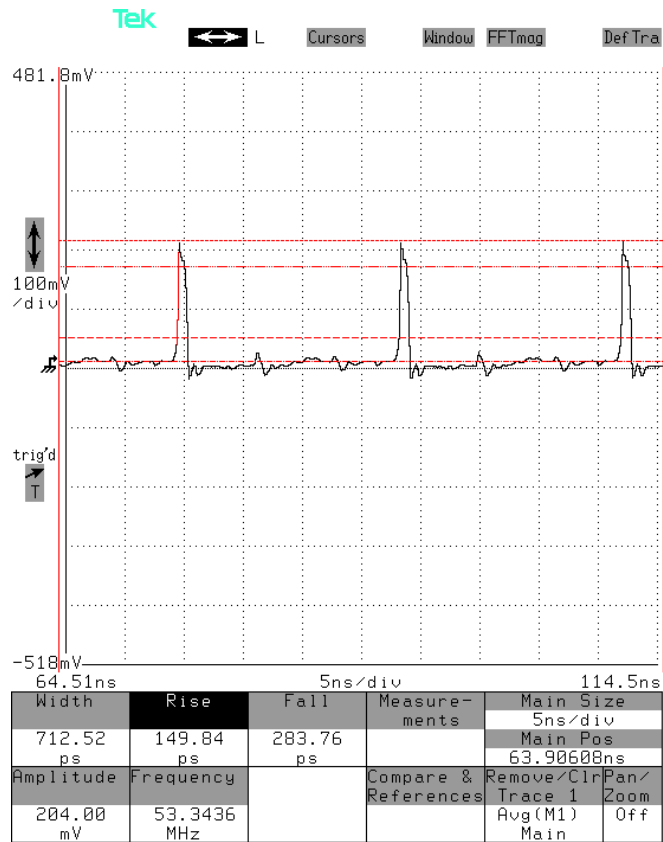
At 25 MHz, 3.5 ns, +20V, approximately,

1 ns/div. 10 V/div (100 mV × 40 dB):



At 50 MHz, 0.7 ns, +20V, approximately,

5 ns/div. 10 V/div (100 mV × 40 dB):



At 50 MHz, 2 ns, +20V, approximately,

5 ns/div. 10 V/div (100 mV × 40 dB):

