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

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PERFORMANCE CHECKSHEET

Model: AVMP-3-C-P-PN-AK1-MPN  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12715  
Date: October 14, 2011

Output Amplitude: up to  $\pm 20V$ , to  $50\Omega$   
Pulse Width (FWHM): 8 to 100 ns  
Rise Time (20%-80%):  $\leq 200$  ps  
Fall Time (80%-20%):  $\leq 300$  ps  
PRF: 1 Hz - 1 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

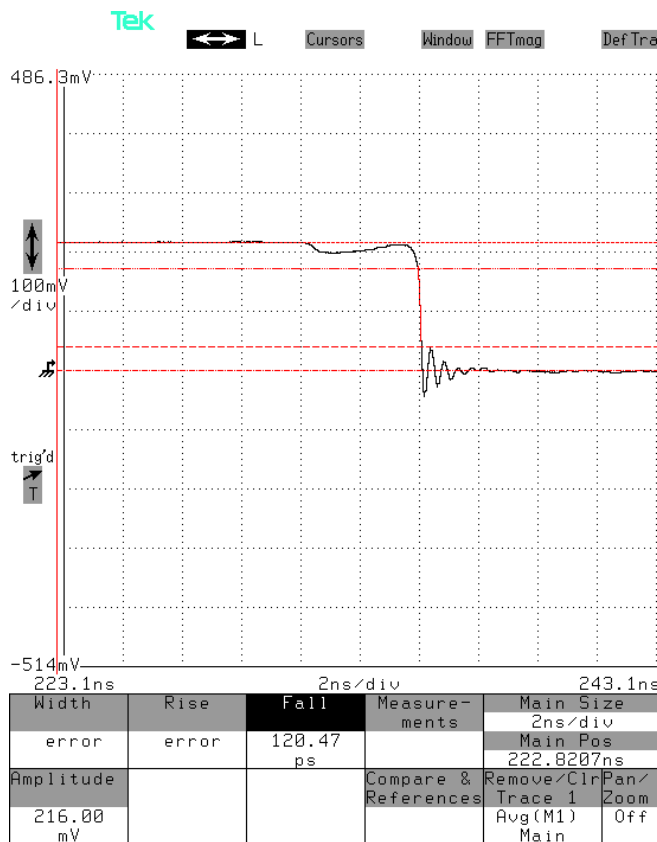
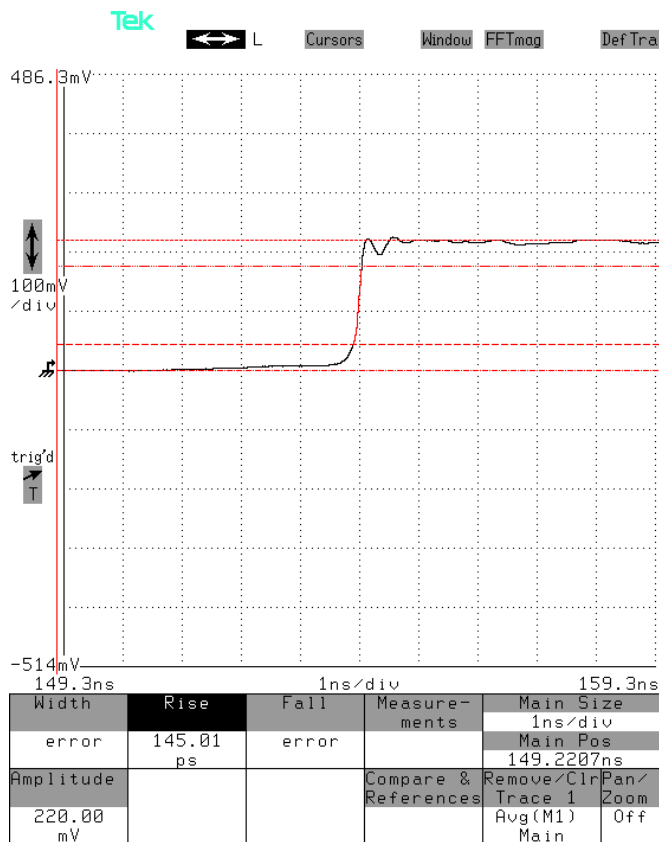
Test Waveforms

Leading edge at 1 MHz, 80 ns,  $> +20V$ ,

Trailing edge at 1 MHz, 80 ns,  $> +20V$ ,

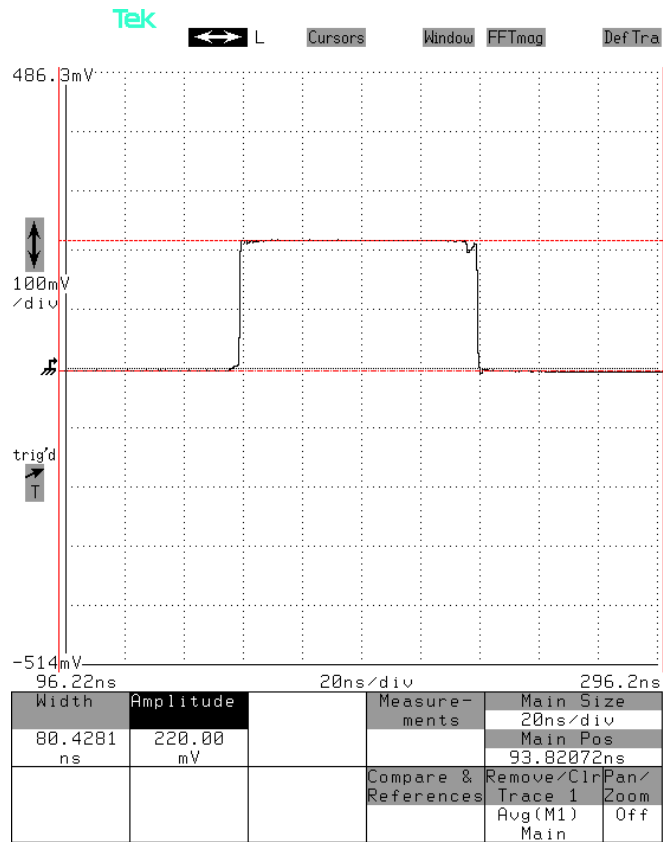
1 ns/div. 10 V/div (100 mV  $\times$  40 dB):

2 ns/div. 10 V/div (100 mV  $\times$  40 dB):



Full pulse at 1 MHz, 80 ns, > +20V,

20 ns/div. 10 V/div (100 mV × 40 dB):



Full pulse at 1 MHz, 8 ns, > +20V,

2 ns/div. 10 V/div (100 mV × 40 dB):

