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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVP-AV-1-B-PN-AK1-M  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 14020  
Date: August 29, 2020

Output Amplitude: up to  $\pm 10V$ , to  $50\Omega$   
Pulse Width (FWHM): 0.4 to 4 ns  
Rise Time (20%-80%):  $\leq 100$  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: →

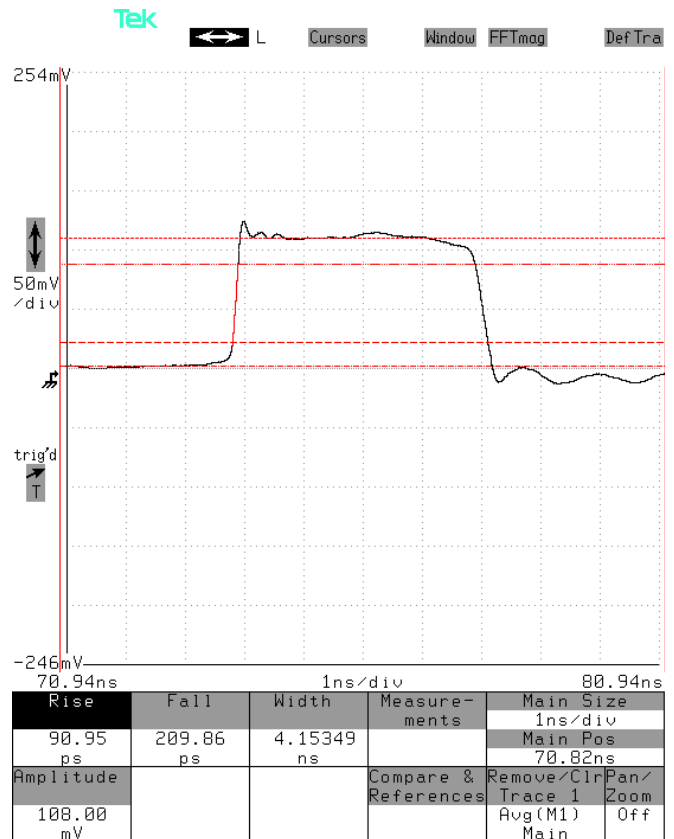
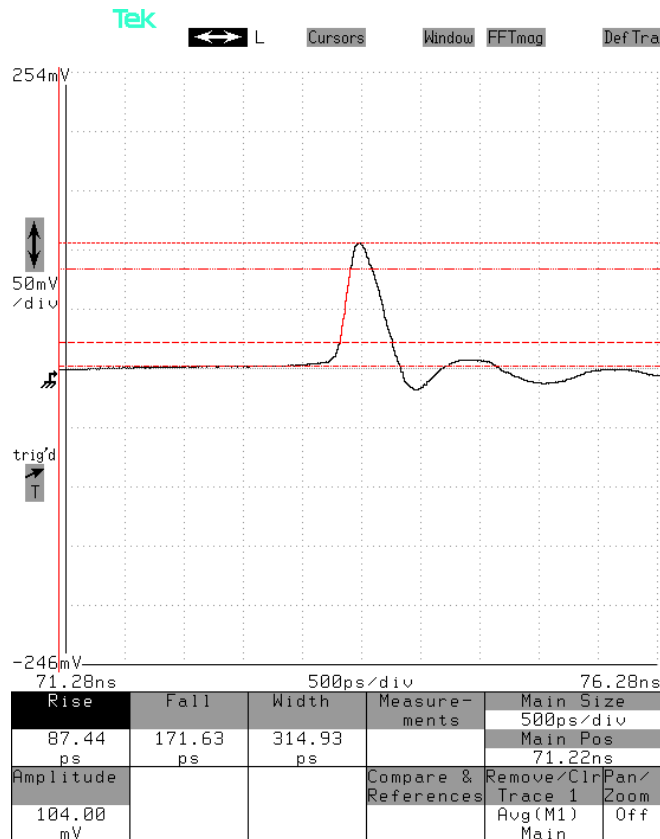
Test Waveforms

100 kHz, < 400 ps, > +10V,

100 kHz, > 4 ns, > +10V,

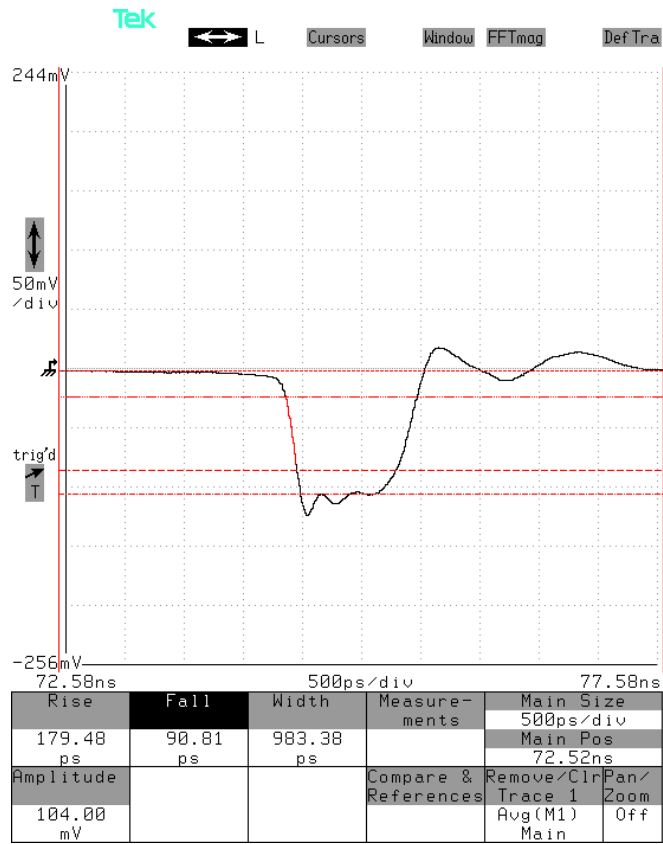
500 ps/div. 5 V/div (50 mV/div  $\times$  40 dB):

1 ns/div. 5 V/div (50 mV/div  $\times$  40 dB):



100 kHz, 1 ns, > -10V,

500 ps/div. 5 V/div (50 mV/div × 40 dB):



100 kHz, > 4 ns, > -10V,

1 ns/div. 5 V/div (50 mV/div × 40 dB):

