



□ P.O. BOX 265  
OGDENSBURG, NY  
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-226-5772 (Intl)  
FAX: 800-561-1970 (USA & Canada) or +1-613-226-2802 (Intl)

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

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AVM-2-P-M-T1B-P1B-ACTA  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12470  
Date: July 16, 2010

Output Amplitude: to +20V, 350 mA  
Pulse Width (FWHM): 0.5 to 3 ns  
Rise Time (20%-80%): < 200 ps  
Fall Time (80%-20%): < 300 ps  
PRF: 4 MHz maximum  
Jitter, Stability: OK  
Prime Power: +24V DC

Basic specifications: →

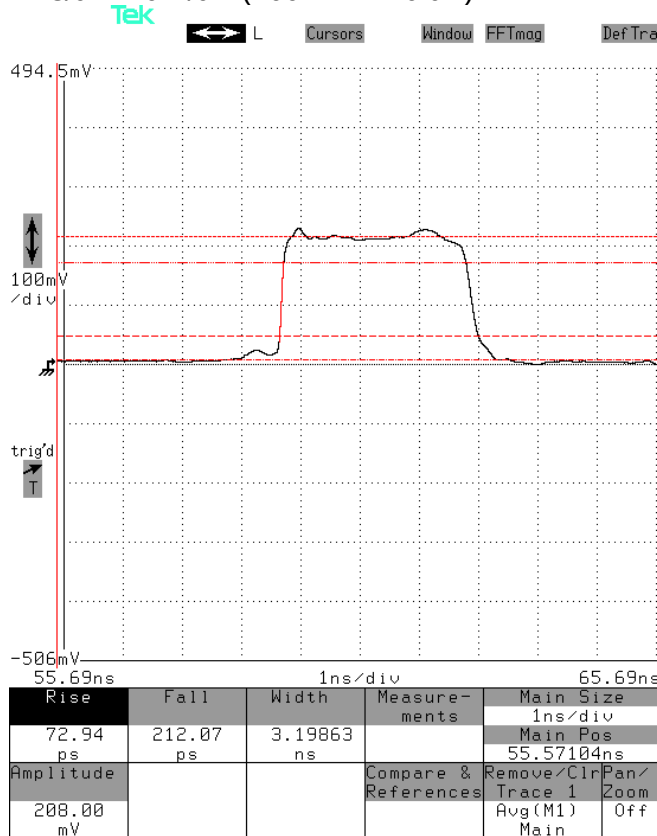
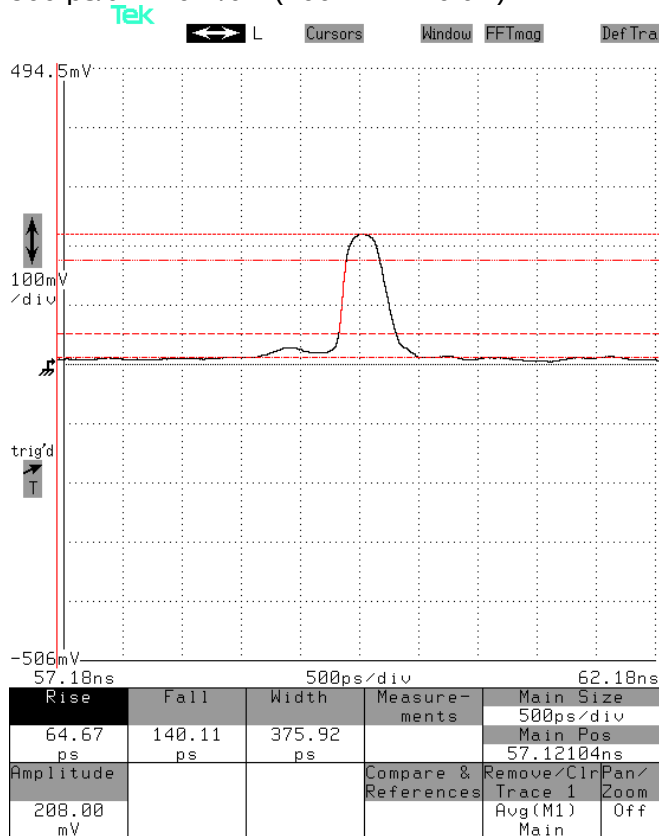
Test Waveforms

4 MHz, < 0.5 ns, > 20V at output of pulse generator module:

4 MHz, > 3 ns, > 20V at output of pulse generator module:

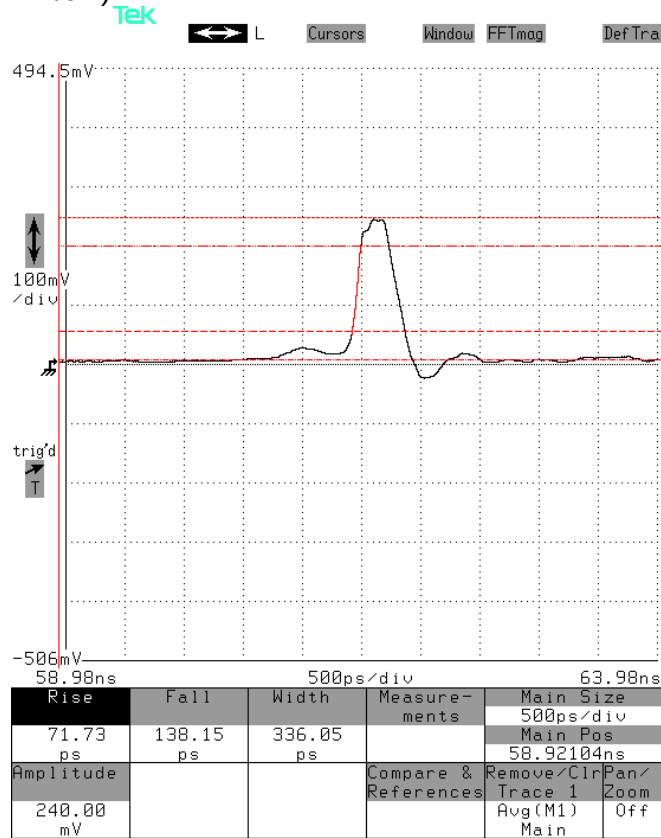
500 ps/div. 10 V/div (100 mV × 40 dB):

1 ns/div. 10 V/div (100 mV × 40 dB):



4 MHz, < 0.5 ns, > 350 mA, waveform measured at "MI" output of output module, with a 1N459A test diode installed as a DUT.

500 ps/div. 1 V/div (100 mV × 20 dB, ≈ 200 mA/div):



4 MHz, > 3 ns, > 350 mA, waveform measured at "MI" output of output module, with a 1N459A test diode installed as a DUT.

500 ps/div. 1 V/div (100 mV × 20 dB, ≈ 200 mA/div):

