



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

TEL: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)  
FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

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

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

PERFORMANCE CHECKSHEET

Model: AVM-1-C-AC03-P  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12493  
Date: August 23, 2010

Output Amplitude: 0 to 5V, to 50Ω  
Pulse Width (FWHM): 0.25 – 6 ns  
Rise Time (20%-80%): ≤ 100 ps  
Fall Time (80%-20%): ≤ 250 ps  
PRF: to 25 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

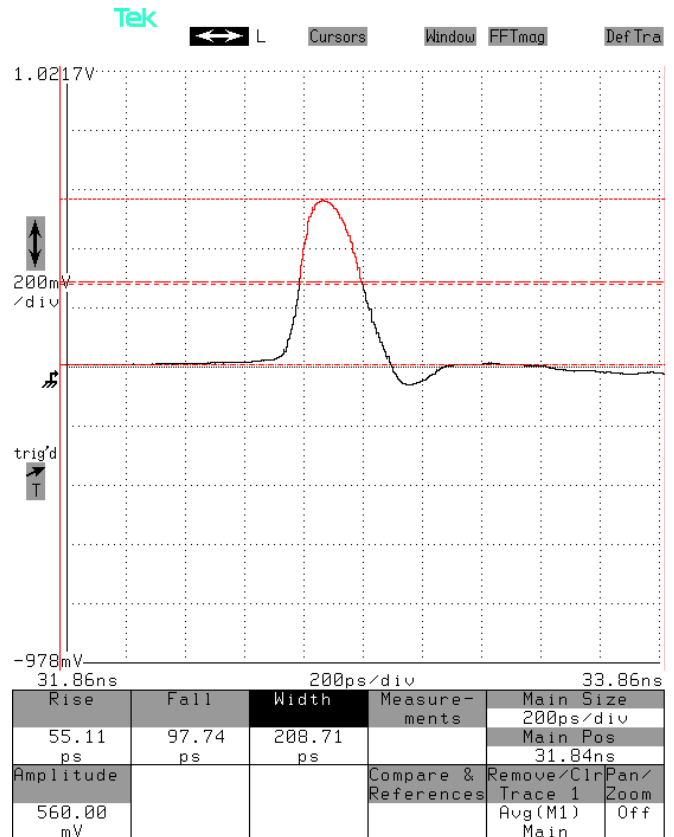
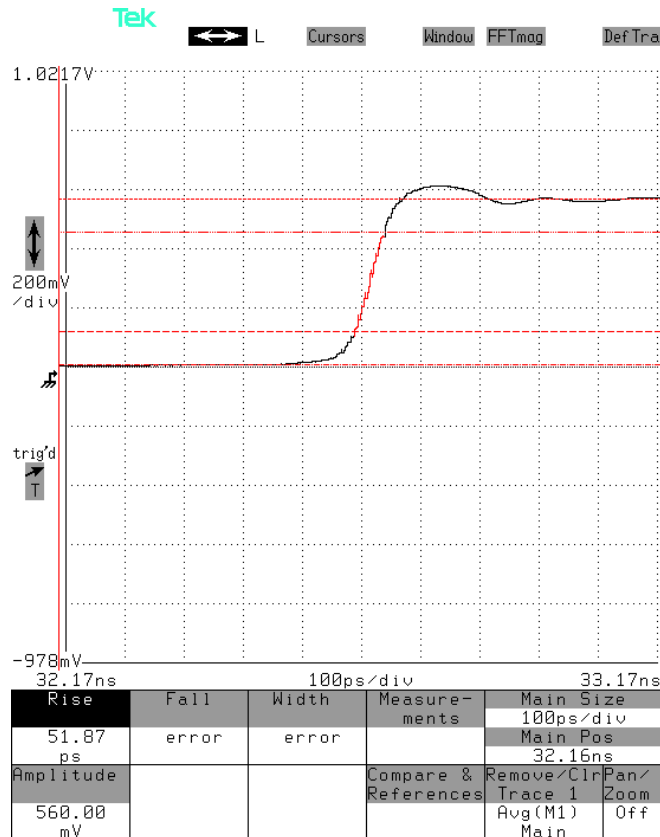
Test Waveforms

Rise time test:

12 MHz, > +5V, 1.5 ns PW.  
100 ps/div. 2 V/div (200 mV × 20 dB).

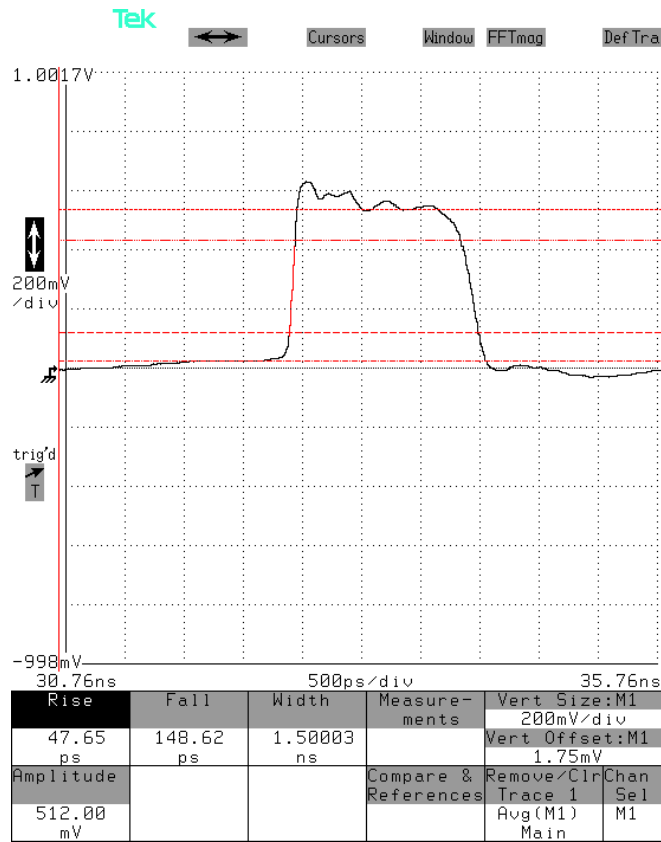
Narrow pulse test:

12 MHz, > +5V, < minimum PW.  
200 ps/div. 2 V/div (200 mV × 20 dB).



Medium pulse width test:

12 MHz, > +5V, 1.5 ns PW.  
 500 ps/div. 2 V/div (200 mV × 20 dB).



Wide pulse width test:

12 MHz, > +5V, 6 ns PW.  
 2 ns/div. 2 V/div (200 mV × 20 dB).

