



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-N-PN-AK1-AK8-AT-EA-ED-EO-EW-M-PWT-AC03
Type: Ultra-High-Speed Pulse Generator
S.N.: 12805
Date: May 1, 2012

Output Amplitude: up 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: →

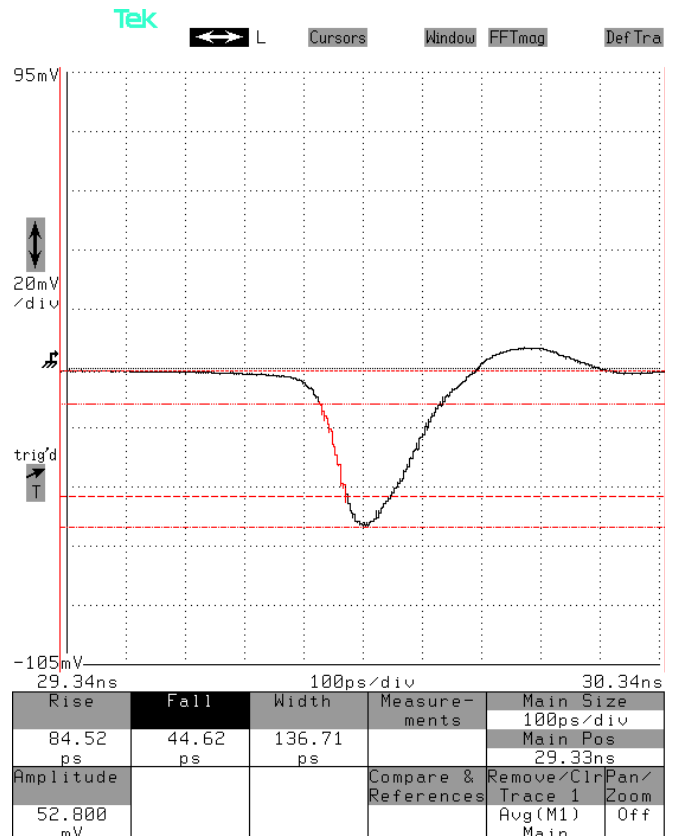
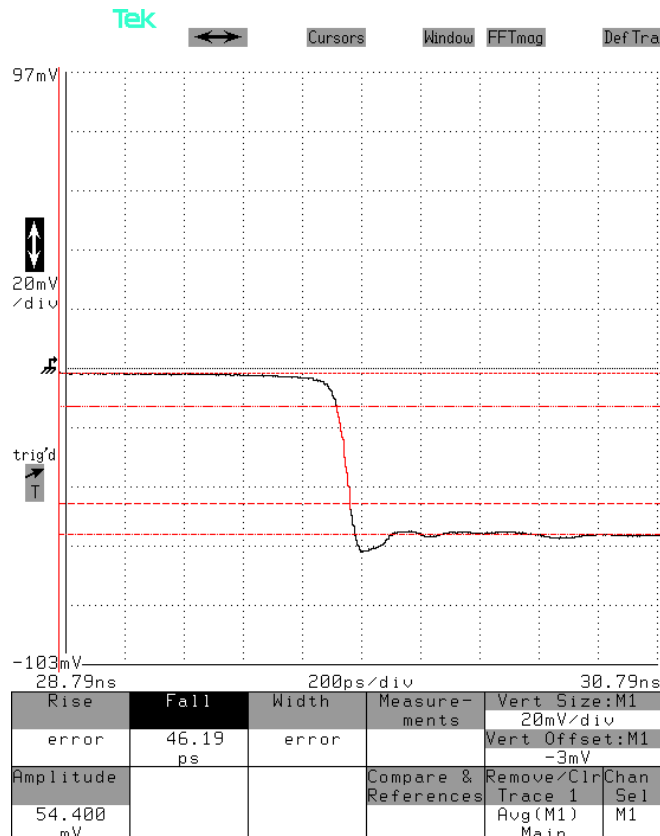
Test Waveforms

Rise time test:

12 MHz, > -5V, 1.5 ns PW.
200 ps/div. 2 V/div (20 mV × 40 dB).

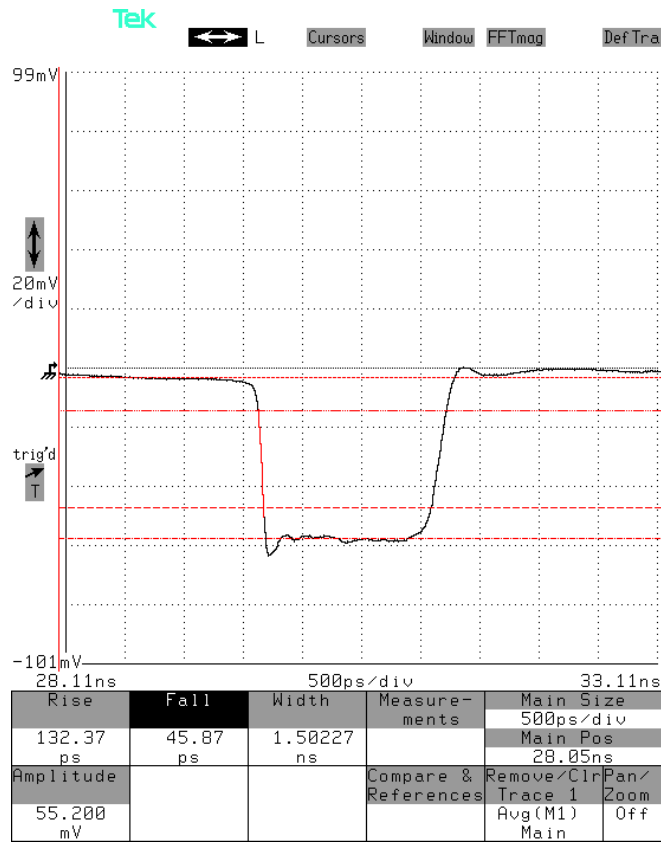
Narrow pulse test:

12 MHz, > -5V, < minimum PW.
100 ps/div. 2 V/div (20 mV × 40 dB).



Medium pulse width test:

12 MHz, > -5V, 1.5 ns PW.
 500 ps/div. 2 V/div (20 mV × 40 dB).



Wide pulse width test:

12 MHz, > -5V, 6 ns PW.
 1 ns/div. 2 V/div (20 mV × 40 dB).

