



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

□ 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 3H5

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

PERFORMANCE CHECKSHEET

Model: AVM-2-C-P-PN-M
Type: Ultra-High-Speed Pulse Generator
S.N.: 13106
Date: December 5, 2013

Output Amplitude: up to +15V
Pulse Width (FWHM): 0.25 to 2 ns
Rise Time (20%-80%): < 100 ps
Fall Time (80%-20%): < 250 ps
PRF: up to 25 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

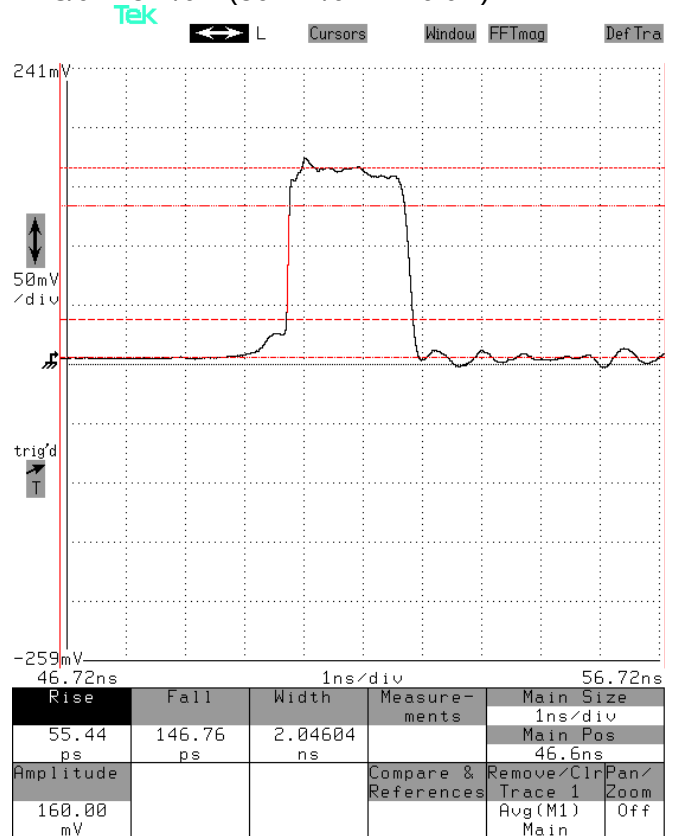
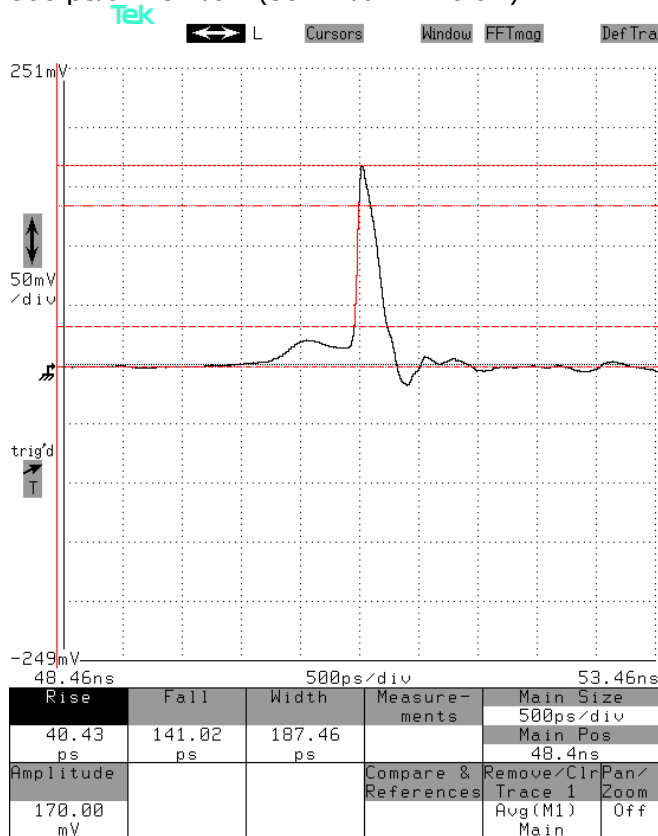
Test Waveforms

At 25 MHz, > 15V amplitude, < minimum pulse width.

At 10 MHz, > 15V amplitude, > maximum pulse width.

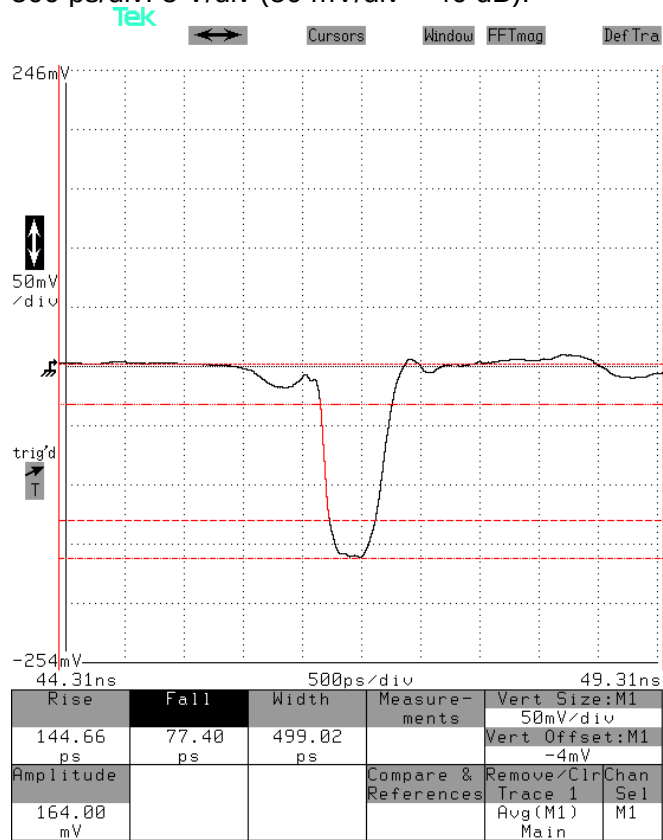
500 ps/div. 5 V/div (50 mV/div × 40 dB):

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



At 100 kHz, > -15V amplitude, ~ 500 ps pulse width.

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



At 25 MHz, > -15V amplitude, > maximum pulse width.

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

