



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-1-EW-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 13393
Date: December 15, 2015

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: +24V DC

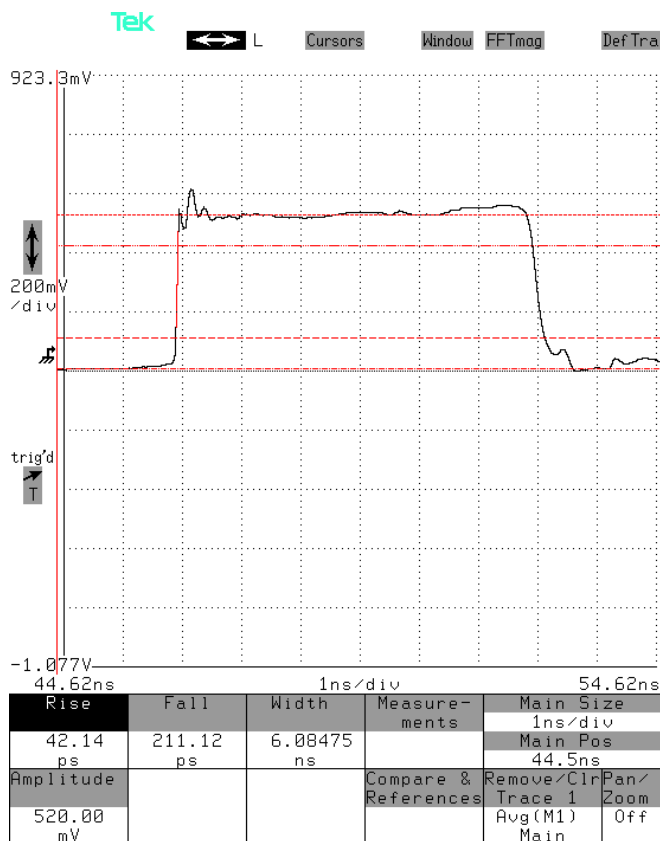
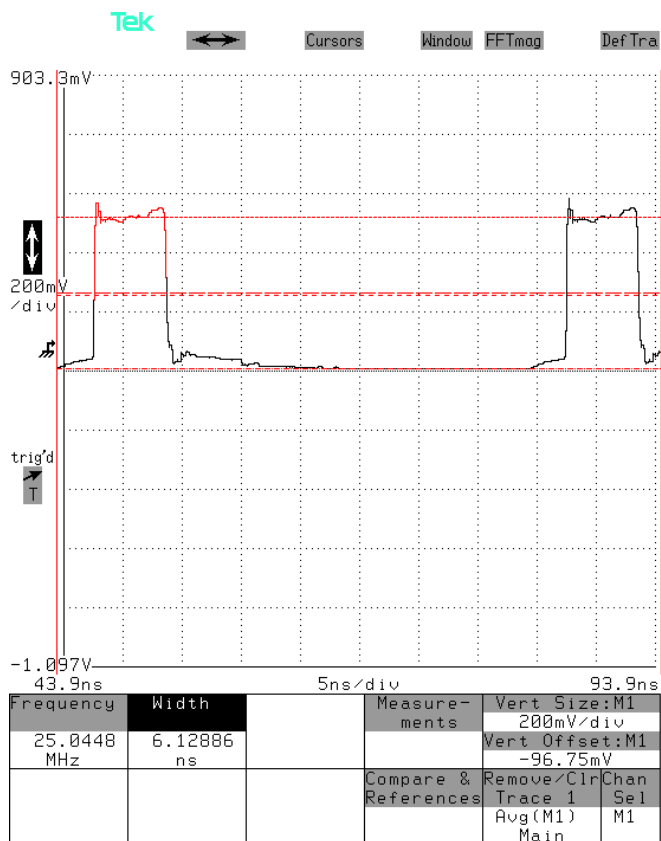
Basic specifications: →

Test Waveforms

Maximum PRF Tests

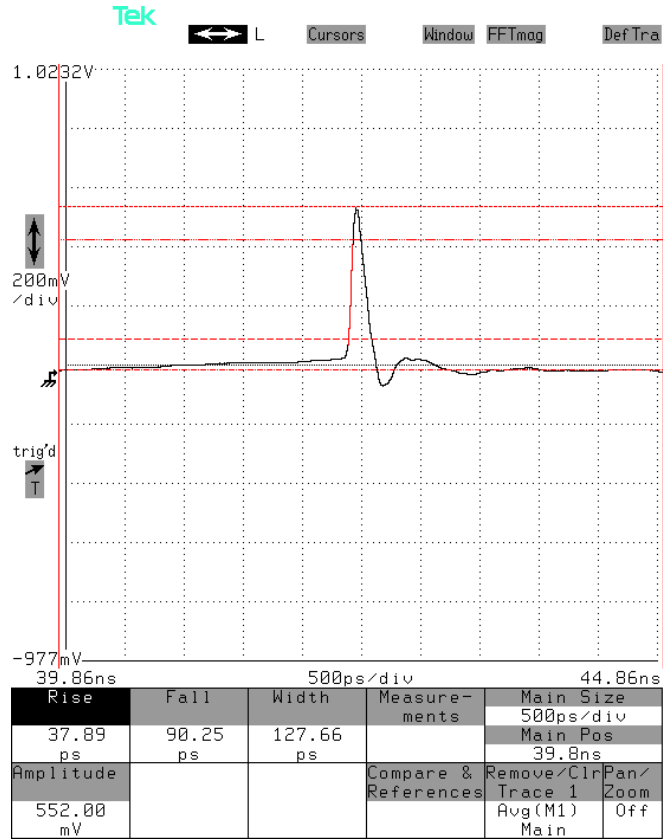
25 MHz, > +5V, 6 ns PW.
5 ns/div. 2 V/div (200 mV/div × 20 dB).

Same, scaled to show rise/fall times.
1 ns/div. 2 V/div (200 mV/div × 20 dB).



Low PRF Tests

10 kHz, > +5V, < 250 ps PW.
 500 ps/div. 2 V/div (200 mV/div × 20 dB).



10 kHz, > +5V, > 6 ns PW.
 1 ns/div. 2 V/div (200 mV/div × 20 dB).

