



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: AVN-W1-C-P-PN-M
Type: Ultra-High-Speed Pulse Generator
S.N.: 11716
Date: May 11, 2007

Output Amplitude: 0 to +5V, to 50Ω
Pulse Width (FWHM): 0.2 - 2.5 ns
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 200 ps
PRF: 20 - 100 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

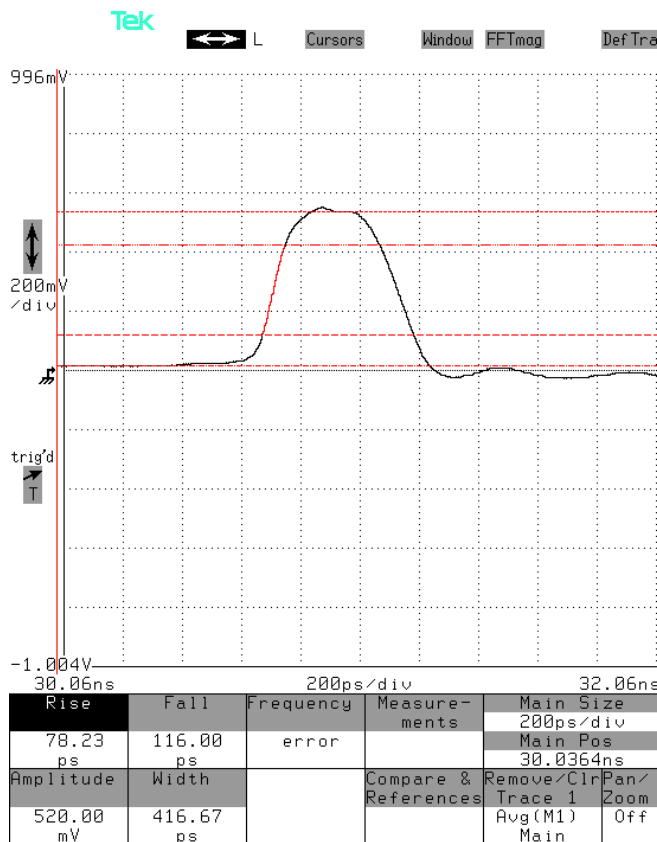
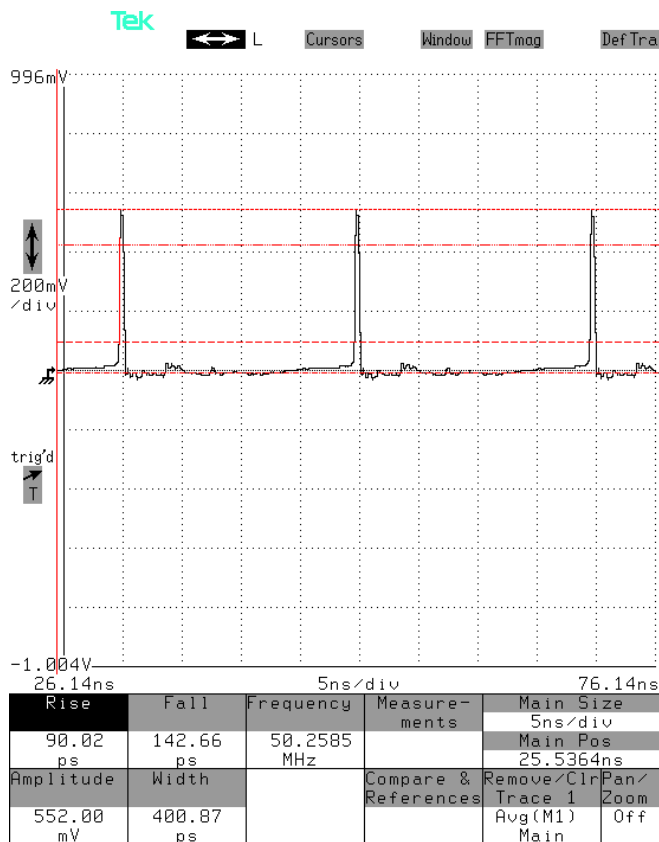
Basic specifications: →

Test Waveforms

At 50 MHz, > +5V, ~ 0.4 ns pulse width:

5 ns/div. 2 V/div (200 mV × 20 dB):

Same waveform, but at 200 ps/div:



At 100 MHz, > +5V, ~ 1.4 ns pulse width:

2 ns/div. 2 V/div (200 mV × 20 dB):

