



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: AVI-V-HV2A-B-P-AK1-AK8
Type: Ultra-High-Speed Pulse Generator
S.N.: 13181 (modified)
Date: April 21, 2016

Output Amplitude: up to +100V, to 50Ω
Pulse Width (FWHM): 4 – 100 ns
Rise Time (20%-80%): ≤ 300 ps
Fall Time (80%-20%): ≤ 4 ns
PRF: 1 Hz - 20 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

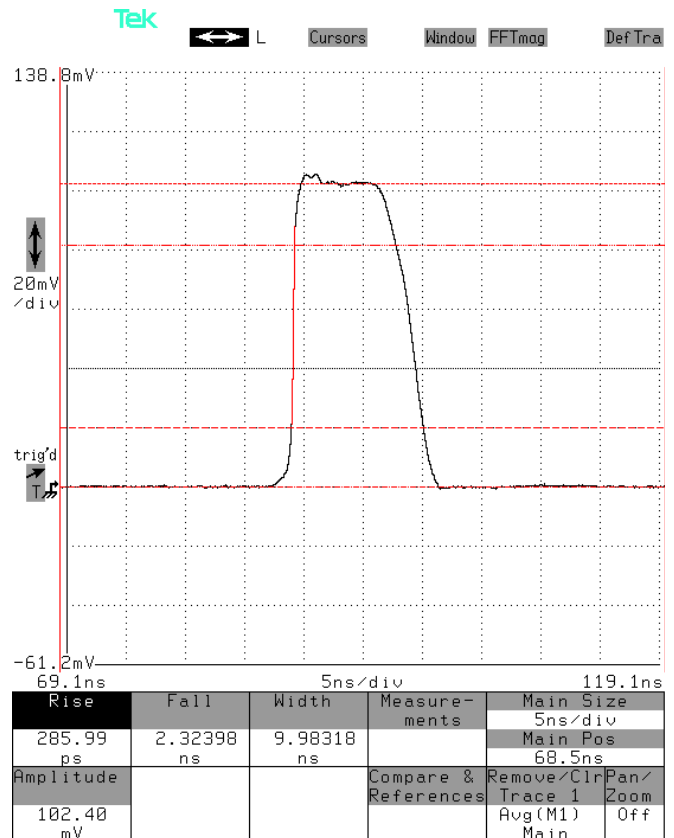
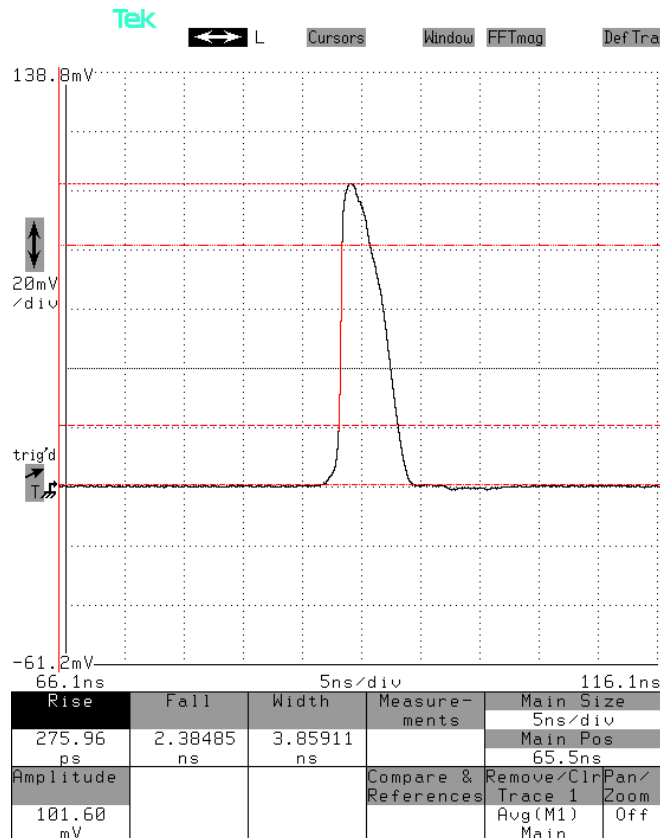
Test Waveforms

20 kHz, < 4 ns, > +100V,

20 kHz, 10 ns, > +100V,

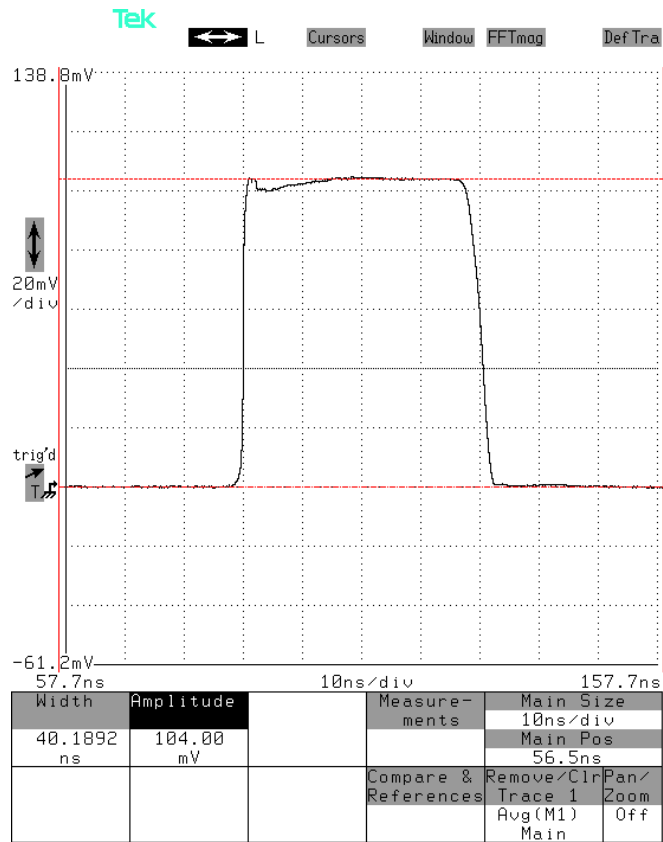
5 ns/div. 20 V/div (20 mV/div × 60 dB):

5 ns/div. 20 V/div (20 mV/div × 60 dB):



20 kHz, 40 ns, > +100V,

10 ns/div. 20 V/div (20 mV/div × 60 dB):



20 kHz, 100 ns, +100V,

20 ns/div. 20 V/div (20 mV/div × 60 dB):

