



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: AVMR-1A-B-P-M-OT
Type: Ultra-High-Speed Pulse Generator
S.N.: 13657
Date: December 18, 2017

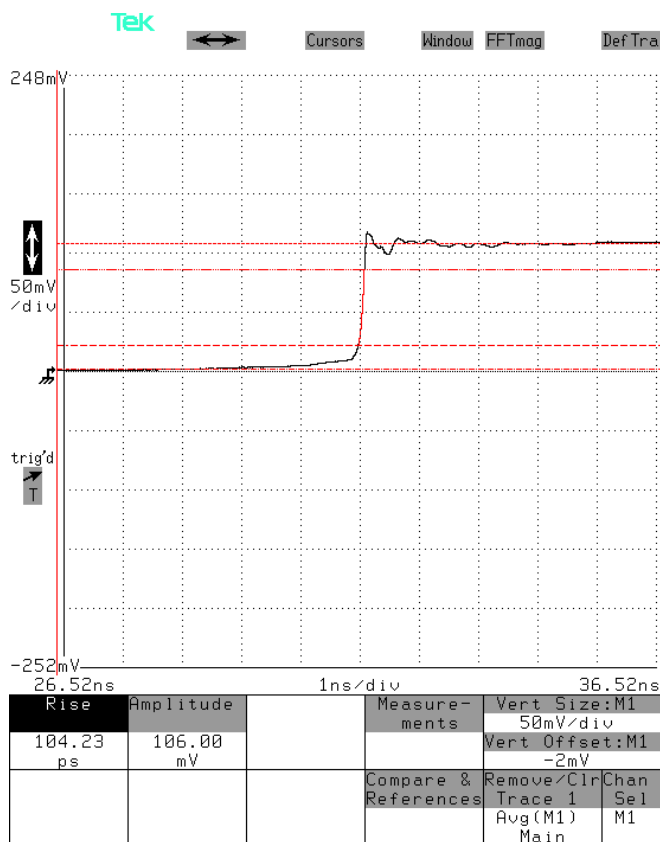
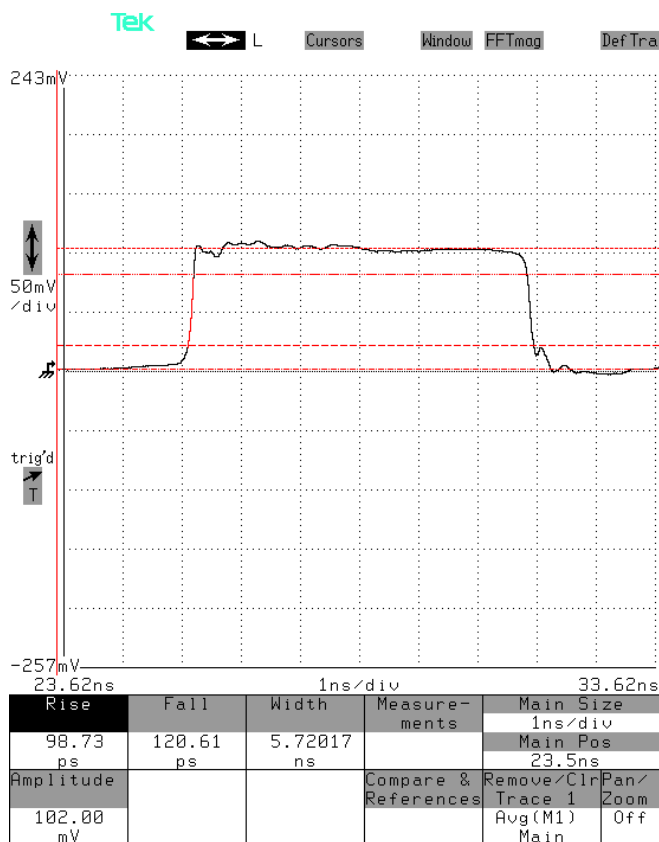
Output Amplitude: Up to +10V, to 50Ω
Pulse Width (FWHM): 6 – 200 ns
Rise Time (20%-80%): < 150 ps
Fall Time (80%-20%): < 200 ps
PRF: 1 Hz - 10 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

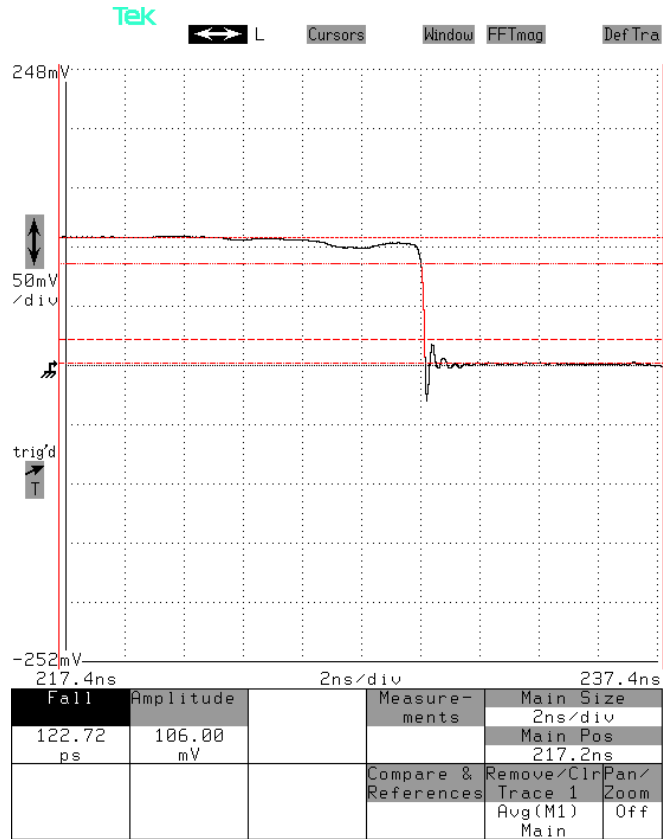
Test Waveforms

Full pulse at 10 MHz, < 6 ns PW, > +10V,
1 ns/div. 5 V/div (50 mV/div × 40 dB):

Leading edge at 100 kHz, 200 ns PW, > +10V,
1 ns/div. 5 V/div (50 mV × 40 dB):



Trailing edge at 100 kHz, 200 ns PW, > +10V,
2 ns/div. 5 V/div (50 mV × 40 dB):



Full pulse at 100 kHz, 200 ns PW, > +10V,
50 ns/div. 5 V/div (50 mV × 40 dB):

