



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 +1-613-226-5772 (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: AVPP-1-C-P-AK1
Type: Ultra-High-Speed Pulse Generator
S.N.: 11678
Date: February 28, 2007

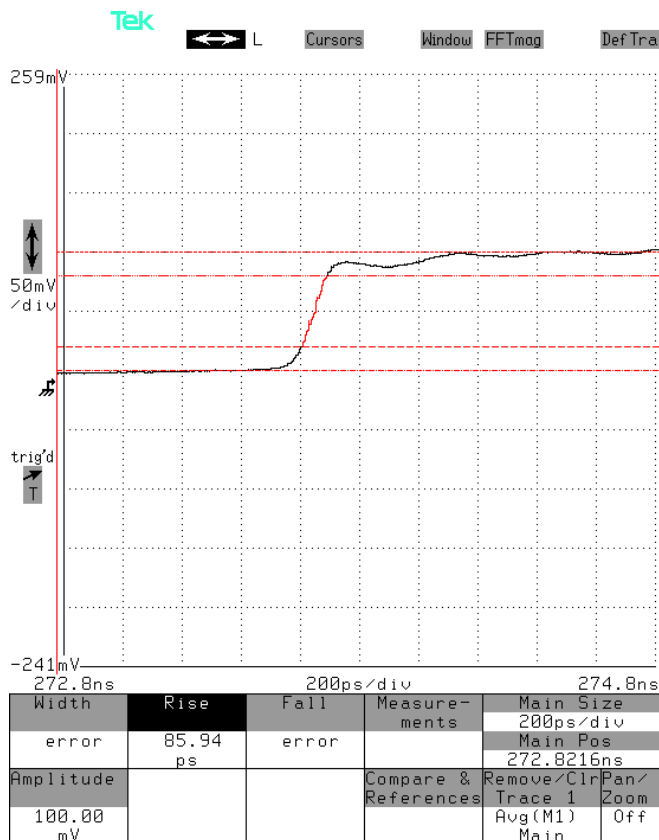
Output Amplitude: 0 to +10V, to 50Ω
Pulse Width (FWHM): 0.2 ns – 100 ns
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 135 ps, 200 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

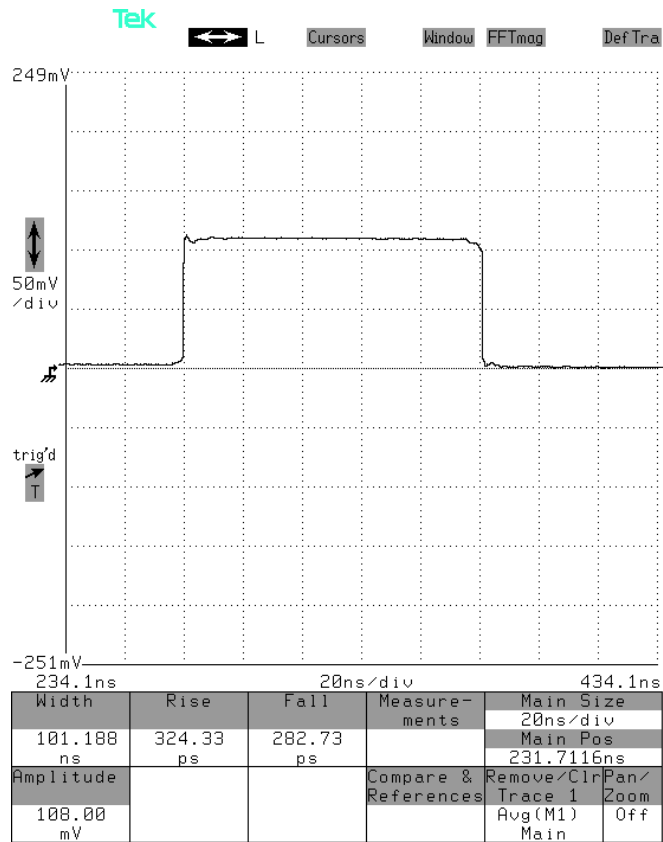
Leading edge at 100 kHz, 100 ns, +10V,
200 ps/div. 5 V/div (50 mV × 40 dB):

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



Full pulse at 100 kHz, 100 ns, +10V,

20 ns/div. 5 V/div (50 mV × 40 dB):



Full pulse at 100 kHz, 0.5 ns, +10V,

500 ps/div. 5 V/div (50 mV × 40 dB):

