



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 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AVO-2L-B-EA-OS-PN-M
Type: Ultra-High-Speed Pulse Generator
S.N.: 12342
Date: June 7, 2006

Output Amplitude: 0 to $\pm 2A$
Pulse Width (FWHM): 1 - 20 ns
Rise Time (20%-80%): ≤ 500 ps
Fall Time (80%-20%): ≤ 500 ps
PRF: 1 Hz - 20 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

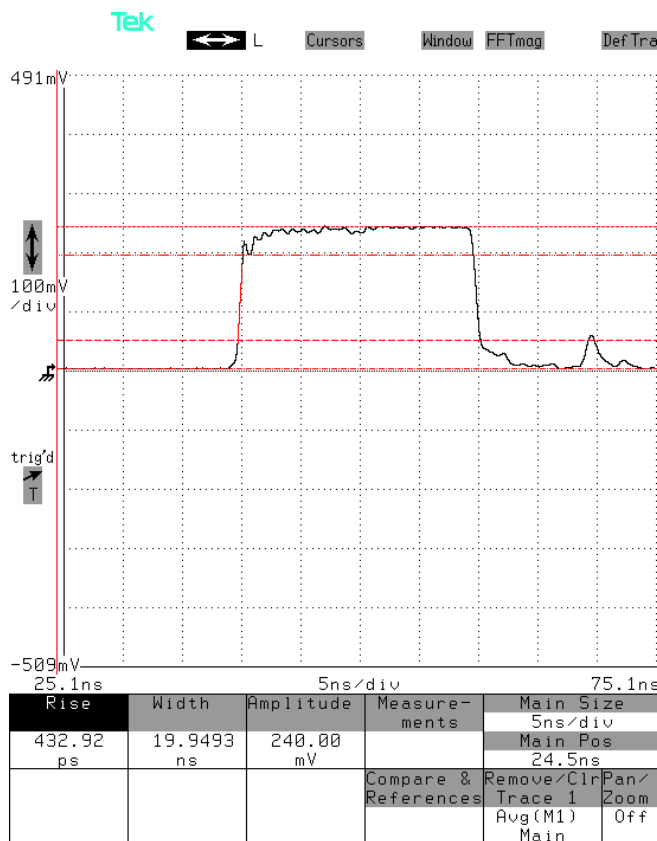
Test Waveforms

10 kHz, 20 ns, +25V setting, at the mainframe output (where +50V is expected) into 50 Ohms,

Same conditions, except measured at the output of the output module into 12.5 Ohms,

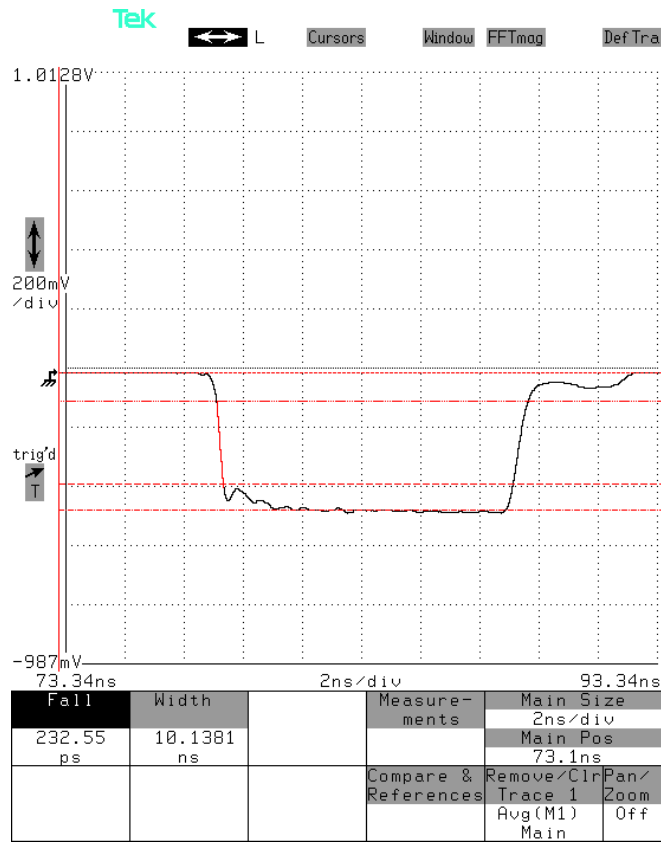
5 ns/div. 20 V/div (200 mV \times 40 dB):

5 ns/div. 20 V/div (200 mV \times 40 dB):



10 kHz, 10 ns, -25V setting, at the mainframe output (where -50V is expected) into 50 Ohms,

2 ns/div. 20 V/div (200 mV × 40 dB):



10 kHz, 5 ns, +25V setting, at the mainframe output (where +50V is expected) into 50 Ohms,

2 ns/div. 20 V/div (200 mV × 40 dB):

