



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: AVB2-TE-C
Type: High Voltage Monocycle Generator
S.N.: 12916
Date: October 30, 2012

Output Amplitude: to 150 or 200V_{P-P}, to 50Ω
Center Frequency: 10-100 MHz
Rise Time (20%-80%): N/A
Fall Time (80%-20%): N/A
PRF: 1 Hz - 10 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

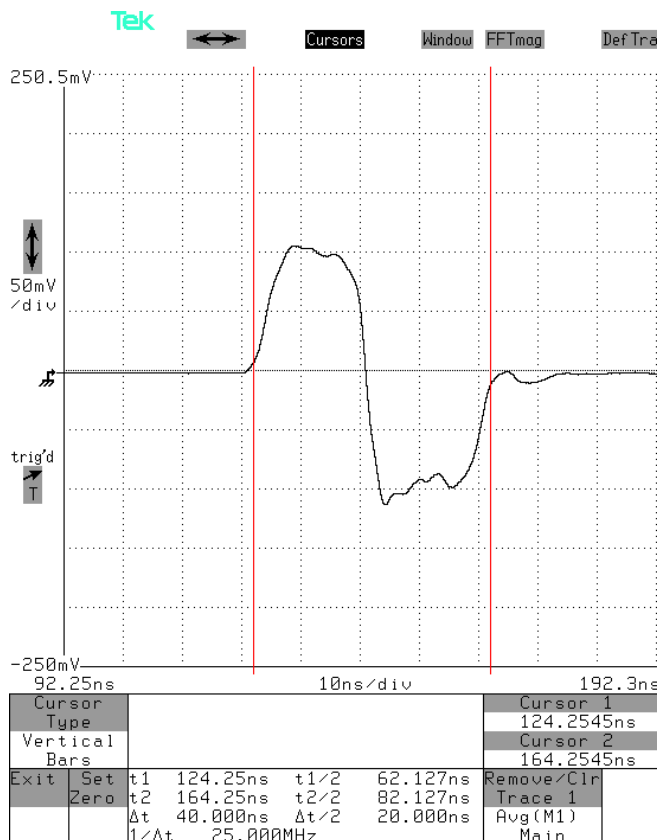
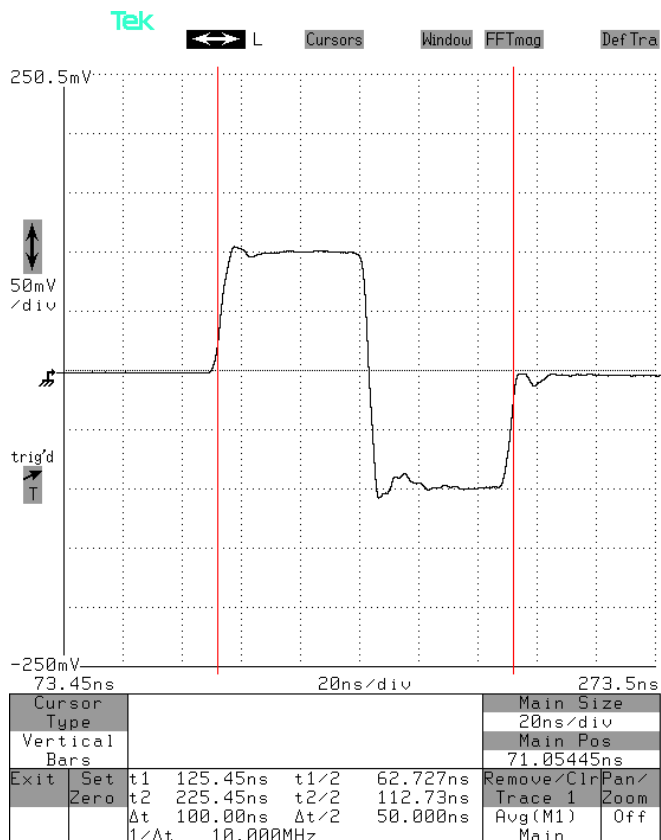
Test Waveforms

10 kHz, maximum amplitude, $f_{CENT} \sim 10$ MHz

10 kHz, maximum amplitude, $f_{CENT} \sim 25$ MHz

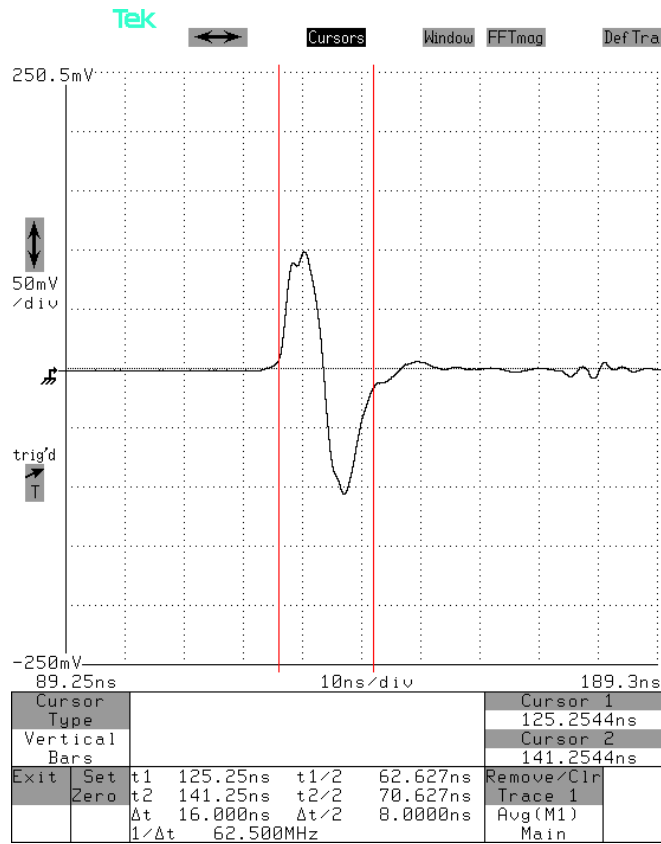
20 ns/div. 50 V/div (50 mV × 60 dB):

10 ns/div. 50 V/div (50 mV × 60 dB):



10 kHz, maximum amplitude, $f_{CENT} \sim 62$ MHz

10 ns/div. 50 V/div (50 mV \times 60 dB):



10 kHz, maximum amplitude, $f_{CENT} > 100$ MHz

5 ns/div. 50 V/div (50 mV \times 60 dB):

