



# 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: AVRF-2-B-PN  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 11743  
Date: April 4, 2007

Output Amplitude: 0 to  $\pm 200V$ , to 50 $\Omega$   
Pulse Width (FWHM): 100 ns – 100 us  
Rise Time (20%-80%):  $\leq 2$  ns  
Fall Time (80%-20%):  $\leq 2$  ns  
PRF: 1 Hz - 1 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

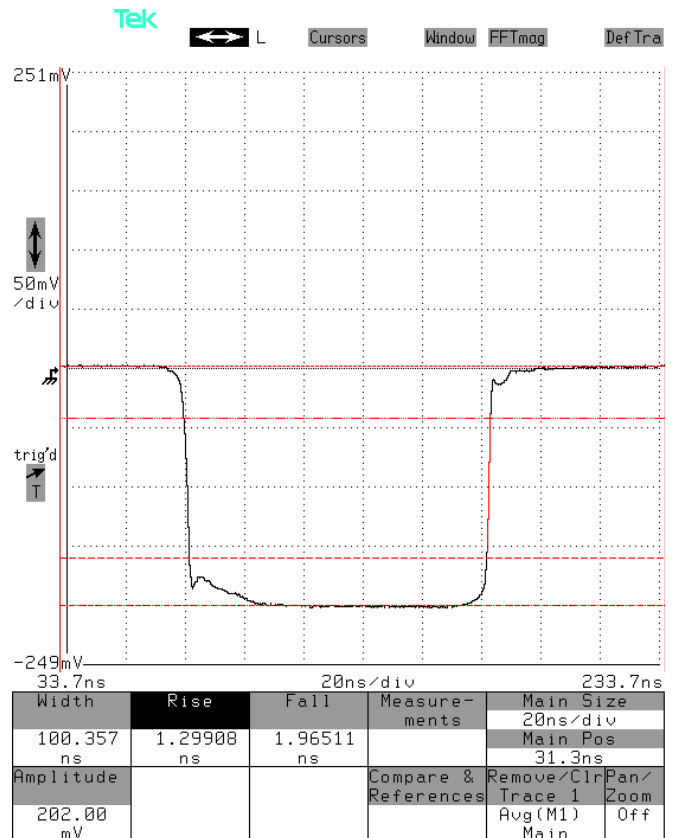
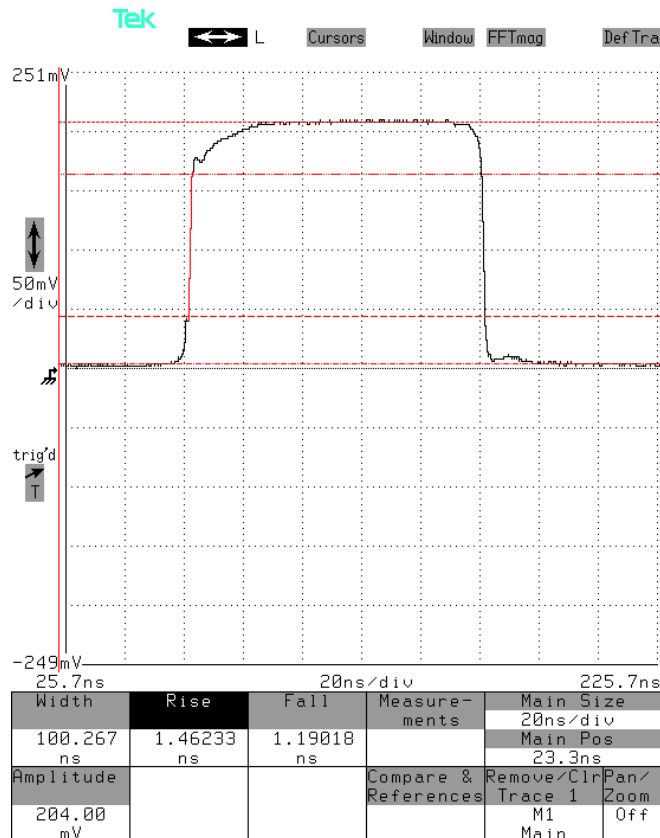
### Test Waveforms

1 kHz, 100 ns, +200V,

1 kHz, 100 ns, -200V,

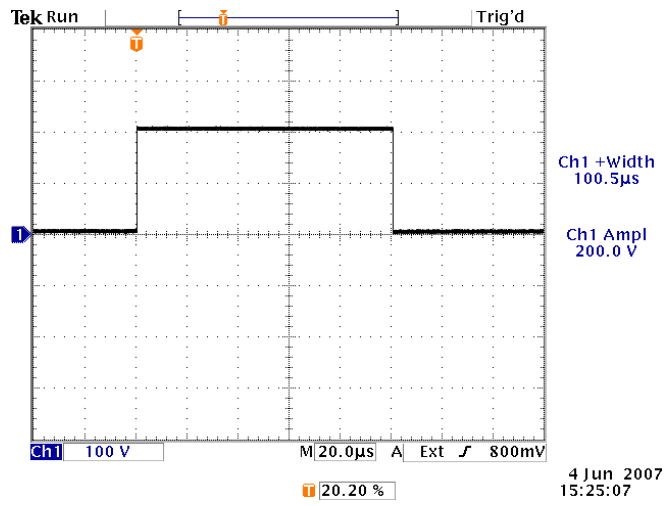
20 ns/div. 50 V/div (50 mV  $\times$  60 dB):

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



50 Hz, 100  $\mu$ s, +200V,

20  $\mu$ s/div. 100 V/div:



50 Hz, 100  $\mu$ s, -50V,

20  $\mu$ s/div. 20 V/div:

