



# 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: AVH-B-P-GE1  
Type: Ultra-High-Speed Impulse Generator  
S.N.: 13479  
Date: August 26, 2016

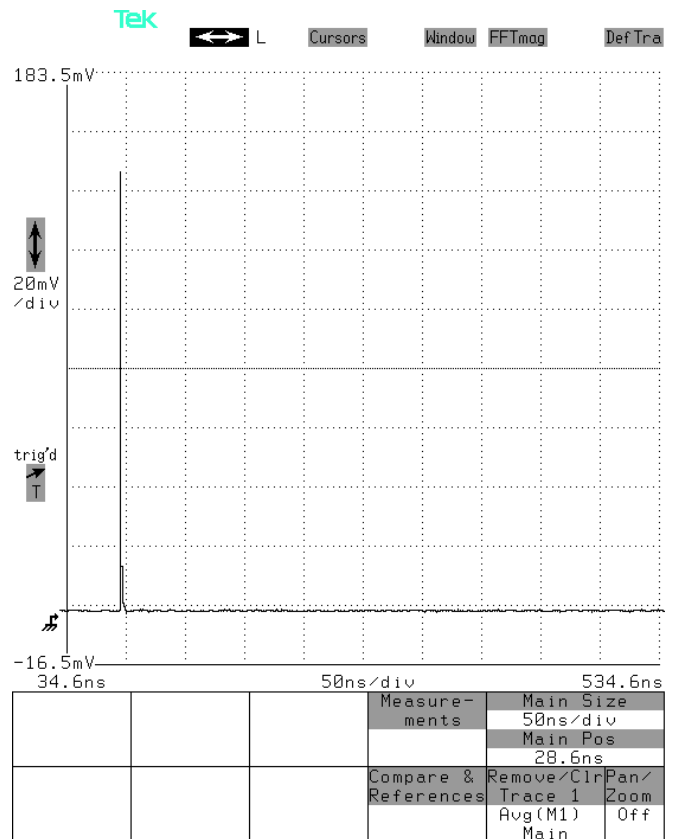
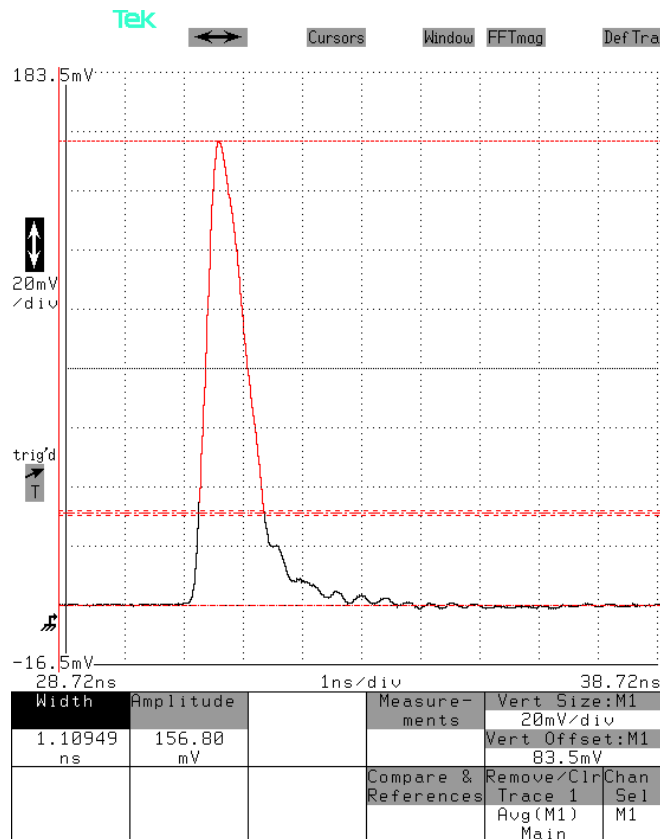
Output Amplitude:  $\geq +15V$ , to 50Ω  
Pulse Width (at 20%): 1 ns ( $\pm 0.2$  ns)  
Rise Time (20%-80%): N/A  
Fall Time (80%-20%): N/A  
PRF: to 100 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz

Basic specifications: →

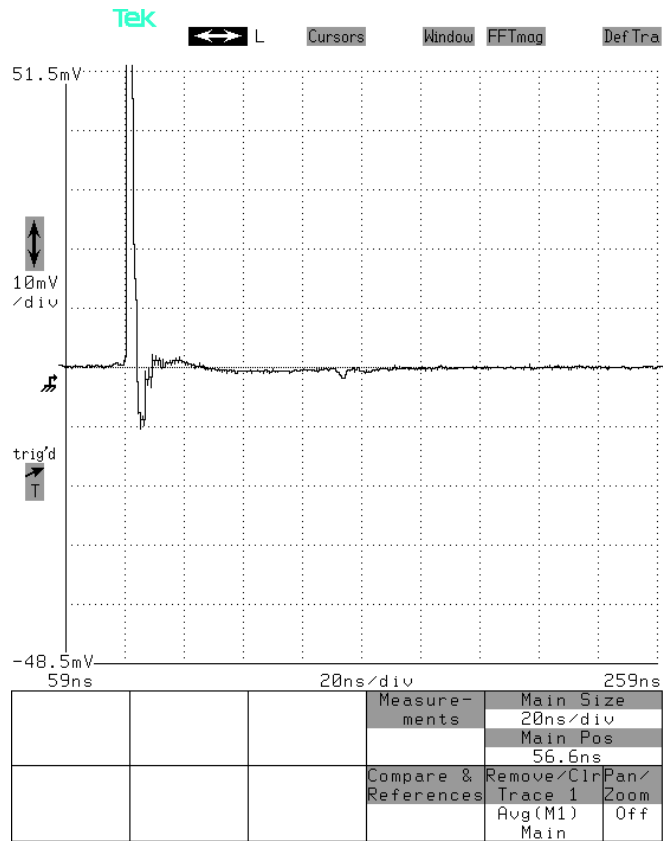
### Test Waveforms

100 kHz,  
1 ns/div. 2 V/div (20 mV/div  $\times$  40 dB).

100 kHz,  
50 ns/div. 2 V/div (20 mV/div  $\times$  40 dB).



100 kHz,  
20 ns/div. 100 mV/div (10 mV/div × 20 dB).



100 kHz,  
200 ns/div. 100 mV/div (10 mV/div × 20 dB).

