

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

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, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVO-6A1-B-P-SMA-AC03  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13895  
Date: July 12, 2019

Output Amplitude: up to +50V, to 50Ω  
Pulse Width (FWHM): 50 ns to 5 us  
Rise Time (20%-80%): ≤ 1 ns  
Fall Time (80%-20%): ≤ 1 ns  
PRF: 1 Hz - 10 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

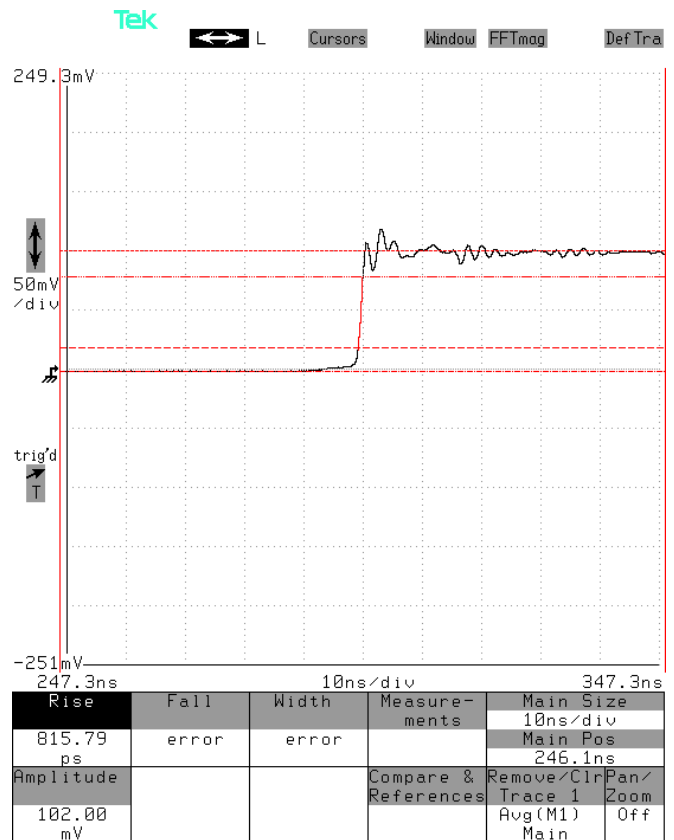
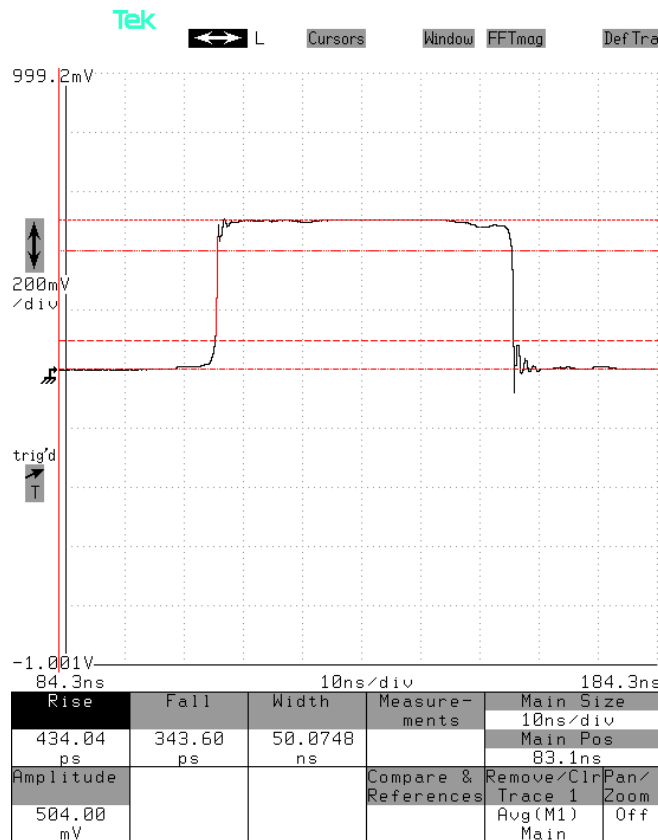
Test Waveforms

10 kHz, 50 ns, > 50V, mainframe output into a 50Ω load,

10 kHz, 100 ns, > 50V, output module into 0Ω through a 711S current probe,

10 ns/div,  
20 V/div (200 mV/div × 40 dB):

10 ns/div,  
500 mA/div (50 mV/div × 20 dB × 1 mA/mv):



10 kHz, 5  $\mu$ s, > 50V, mainframe output into a 50 $\Omega$  load,

1  $\mu$ s/div, 20 V/div (200 mV/div  $\times$  40 dB):

