



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

Tel: 888-670-8729 (USA & Canada)  
or +1-613-686-6675 (Worldwide)

BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-E2-B-P-TEK1C-AK1-AK8-R5  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 14226  
Date: March 9, 2022

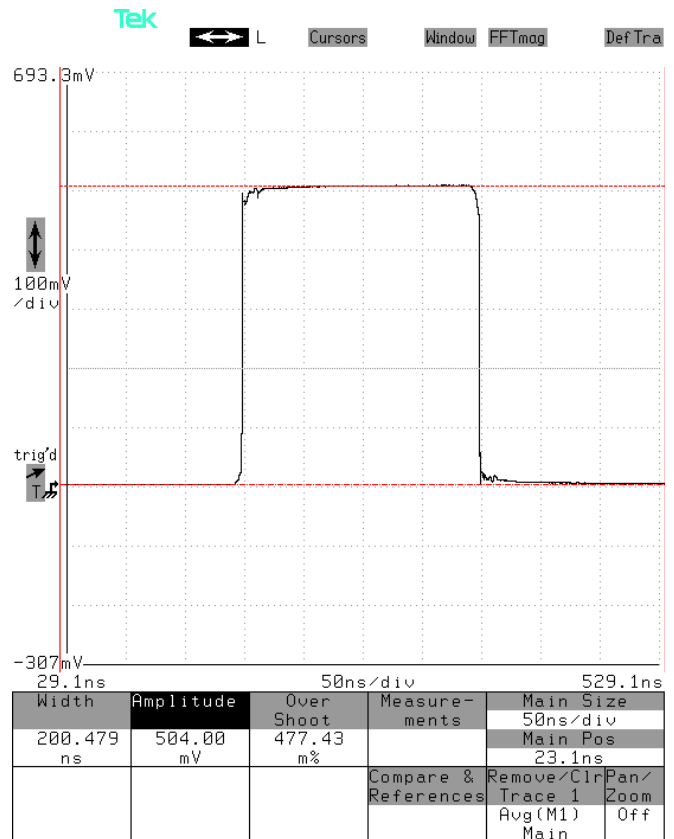
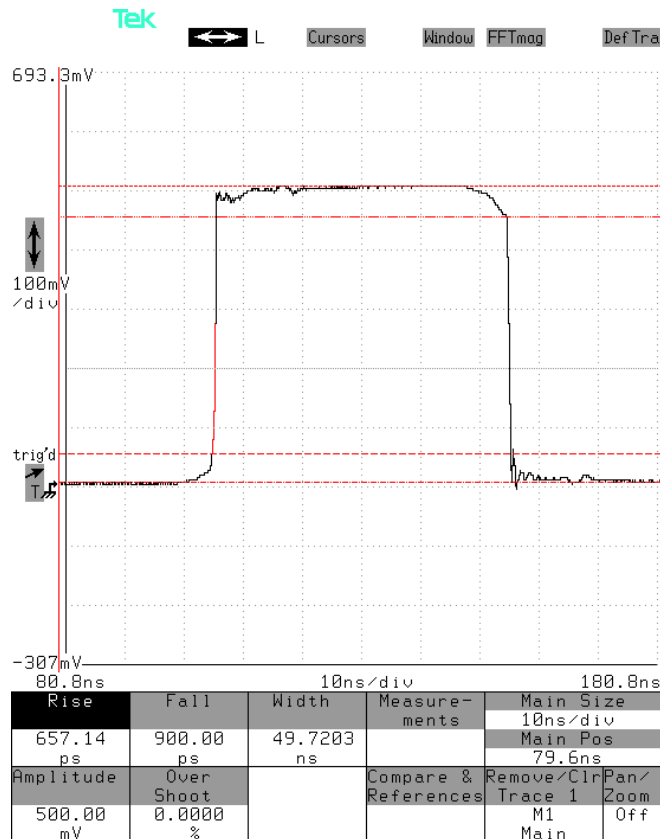
Output Amplitude: +10 to +50V, into 50Ω  
Pulse Width (FWHM): 50 – 200 ns  
Rise Time (10%-90%): > 0.6 but < 1.0 ns  
Fall Time (90%-10%): > 0.6 but < 2.0 ns  
PRF: 1 Hz - 100 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

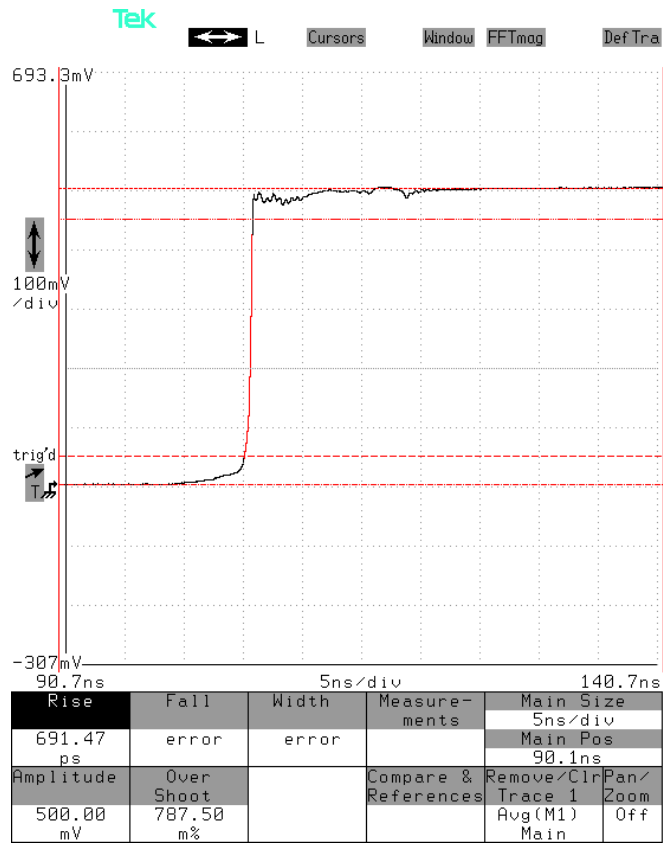
Full pulse at 10 kHz, 50 ns, +50V,  
10 ns/div. 10 V/div (100 mV × 40 dB):

Full pulse at 10 kHz, 200 ns, +50V,  
10 ns/div. 10 V/div (100 mV × 40 dB):



Leading edge at 10 kHz, 200 ns, +50V,

5 ns/div. 10 V/div (100 mV × 40 dB):



Trailing edge at 10 kHz, 200 ns, +50V,

5 ns/div. 10 V/div (100 mV × 40 dB):

