



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: AVRK-4-B-TR-PN-DPF-LVA-SIL-AC02  
Type: High Voltage Pulse Generator  
S.N.: 14192  
Date: January 10, 2022

Output Amplitude: up to  $\pm 750V$ , to 50 $\Omega$   
Pulse Width (FWHM): 6 to 20 ns  
Rise Time (20%-80%):  $\leq 2$  ns  
Fall Time (80%-20%): varies with PW/amp  
PRF: 1 Hz - 1 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz

Basic specifications: →

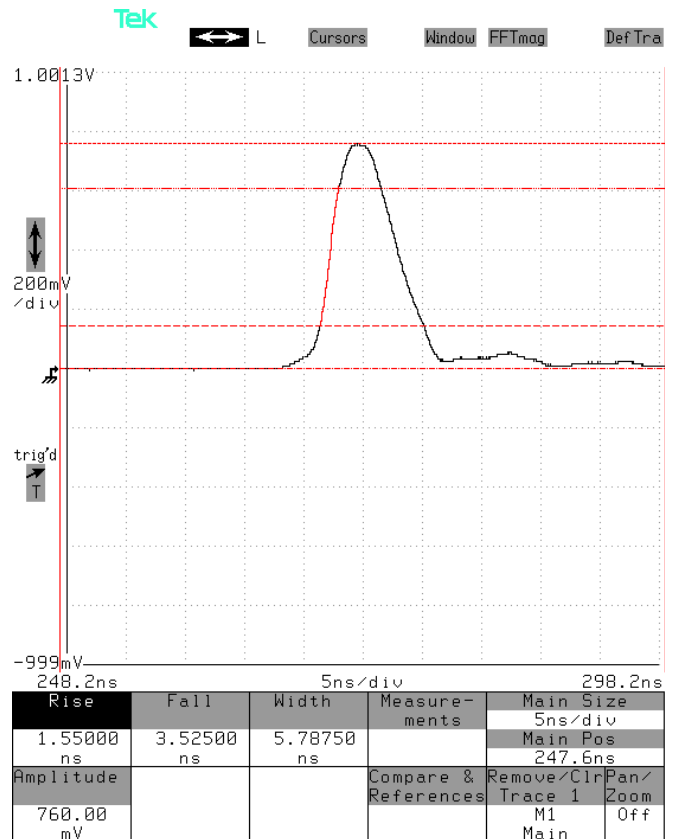
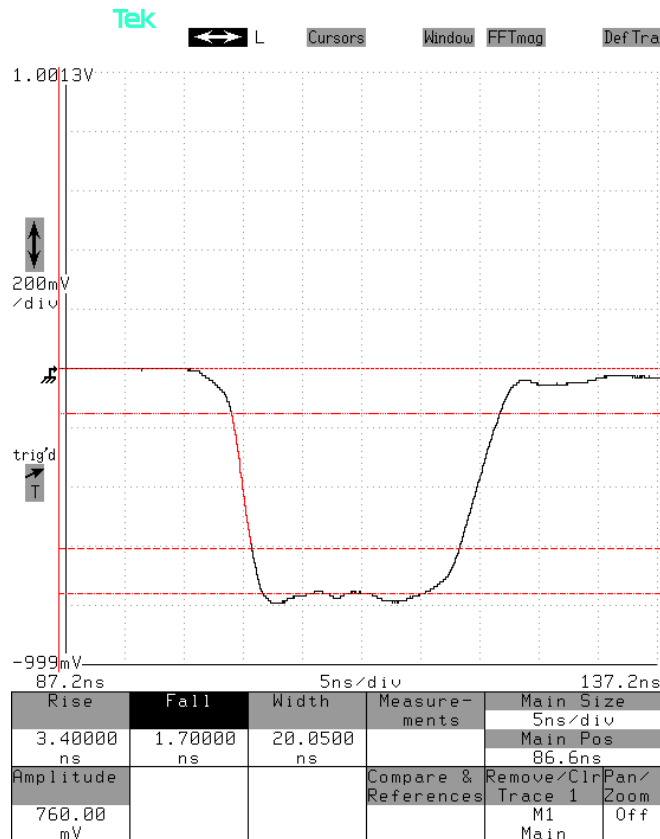
Test Waveforms

CH1, 1 kHz, 20 ns, -750V, into 50 $\Omega$

CH2, 1 kHz, 6 ns, +750V, into 50 $\Omega$

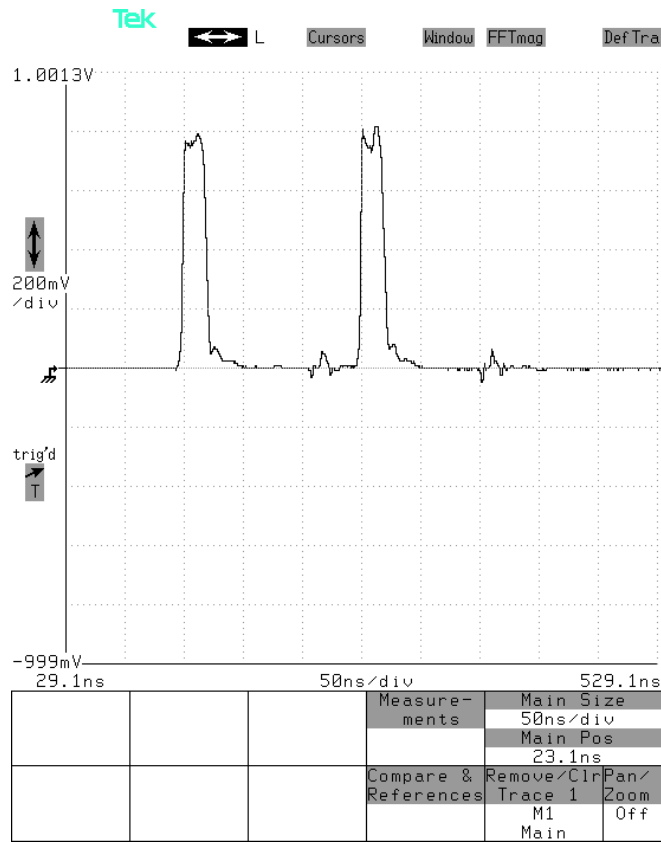
5 ns/div, 200 V/div (200 mV/div  $\times$  60 dB)

5 ns/div, 200 V/div (200 mV/div  $\times$  60 dB)



Pulse doublet, 1 kHz, both 20 ns, both +750V, into 50Ω

50 ns/div, 200 V/div (200 mV/div × 60 dB)



Pulse doublet, 1 kHz, both 6 ns, both -750V, into 50Ω

50 ns/div, 200 V/div (200 mV/div × 60 dB)

