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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVRK-4-B-PN-TR  
Type: High Voltage Pulse Generator  
S.N.: 14007  
Date: August 14, 2020

Output Amplitude: up to  $\pm 750V$ , to 50 $\Omega$   
Pulse Width (FWHM): 6 to 20 ns  
Rise Time (20%-80%):  $\leq 1.5$  ns  
Fall Time (80%-20%): varies with PW/ampl  
PRF: 1 Hz - 1 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz

Basic specifications: →

Test Waveforms

1 kHz, 6 ns, > -750V,

1 kHz, > 20 ns, > +750V,

Top (main out): 200 V/div (200 mV/div  $\times$  60 dB)  
Bottom (monitor): 20 V/div (200mV/div  $\times$  40 dB)  
Both: 2 ns/div.

Top (main out): 200 V/div (200 mV/div  $\times$  60 dB)  
Bottom (monitor): 20 V/div (200mV/div  $\times$  40 dB)  
Both: 5 ns/div.

