



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AVRK-4-B-P
Type: High Voltage Pulse Generator
S.N.: 13600
Date: August 30, 2017

Output Amplitude: up to +750V, to 50Ω
Pulse Width (FWHM): 6 to 20 ns
Rise Time (20%-80%): ≤ 4 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,

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

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

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

