



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-3-B-P
Type: High Voltage Pulse Generator
S.N.: 13420
Date: April 18, 2016

Output Amplitude: up to +550V, to 50Ω
Pulse Width (FWHM): 6 to 35 ns
Rise Time (20%-80%): ≤ 5 ns
Fall Time (80%-20%): ≤ 5 or 8 ns
PRF: 1 Hz - 1 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz

Basic specifications: →

Test Waveforms

1 kHz, 6 ns, +550V,

1 kHz, > 35 ns, > +550V,

Top (main out): 100 V/div (100 mV/div × 60 dB)
Bottom (monitor): 20 V/div (200mV/div × 40 dB)
Both: 5 ns/div.

Top (main out): 100 V/div (100 mV/div × 60 dB)
Bottom (monitor): 20 V/div (200mV/div × 40 dB)
Both: 10 ns/div.

