



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: AVB1-3
Type: High Voltage Monocycle Generator
S.N.: 13524
Date: November 22, 2016

Output Amplitude: $\geq 50 V_{P-P}$, to 50Ω
Center Frequency: 400 – 900 MHz
Rise Time (20%-80%): N/A
Fall Time (80%-20%): N/A
PRF: 100 kHz maximum
Jitter, Stability: OK
Prime Power: +15V DC

Basic specifications: →

Test Waveforms

100 kHz, $f_{CENT} > 900$ MHz.

100 kHz, $f_{CENT} = 400$ MHz.

500 ps/div. 10 V/div (100 mV/div \times 40 dB):

1 ns/div. 10 V/div (100 mV/div \times 40 dB):

