



# 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: AVH-SB-P  
Type: Ultra-High-Speed Impulse Generator  
S.N.: 13149  
Date: April 10, 2014

Output Amplitude: up to +30V, to 50Ω  
Pulse Width (FWHM): ≤ 350 ps (at 20%)  
Rise Time (20%-80%): N/A  
Fall Time (80%-20%): N/A  
PRF: to 1 MHz  
Jitter, Stability: OK  
Prime Power: +15V DC

Basic specifications: →

### Test Waveforms

1 MHz, +30V (maximum amplitude)  
500 ps/div. 10 V/div (100 mV/div × 40 dB).

1 MHz, +15V  
500 ps/div. 5 V/div (50 mV/div × 40 dB).

