

Performance During GNSS Outages (IMU-H62)<sup>1,2</sup>

Outage Duration	Positioning Mode	Position Accuracy (m) RMS		Velocity Accuracy (m/s) RMS		Attitude Accuracy (degrees) <sup>3</sup> RMS		
		Horizontal	Vertical	Horizontal	Vertical	Roll	Pitch	Heading
0s	RTK	0.020	0.050	0.020	0.010	0.016	0.016	0.040
	HP	0.010	0.080	0.020	0.010	0.019	0.019	0.051
	SP	1.200	0.060	0.020	0.010	0.021	0.021	0.052
	PP <sup>4</sup>	0.010	0.020	0.010	0.010	0.015	0.015	0.035
10 s	RTK	0.210	0.060	0.038	0.010	0.018	0.018	0.033
	HP	0.440	0.250	0.050	0.012	0.023	0.023	0.058
	SP	1.380	0.610	0.043	0.010	0.025	0.025	0.053
	PP <sup>4</sup>	0.020	0.020	0.010	0.010	0.015	0.015	0.035
60 s	RTK	7.800	0.400	0.344	0.015	0.036	0.036	0.048
	HP	8.100	0.980	0.371	0.019	0.041	0.041	0.062
	SP	9.500	1.400	0.377	0.022	0.041	0.041	0.072
	PP <sup>4</sup>	0.110	0.030	0.015	0.015	0.016	0.016	0.037



Version 4 - Specifications subject to change without notice.

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For the most recent details of this product:  
[novatel.com/Documents/Papers/IMU-HG62table.pdf](http://novatel.com/Documents/Papers/IMU-HG62table.pdf)

<sup>1</sup> Typical values. Performance specifications subject to GPS system characteristics, US DOD operational degradation, ionospheric and tropospheric conditions, satellite geometry, baseline length, multipath effects and the presence of intentional or unintentional interference sources.

<sup>2</sup> RMS, incremental error growth from steady-state accuracy. Computed with respect to full GPS.

<sup>3</sup> When SPAN is in RTK mode.

<sup>4</sup> Post-processing results using Inertial Explorer software.