

<b>spec number</b>	<b>description</b>	<b>nominal value</b>	<b>marginal value</b>	<b>units</b>	<b>testing method</b>
<b>1</b>	RFID tag/reader combination range	5	2	ft	reader testing
<b>2</b>	system allows for path correction	yes	no	boolean	field testing of unit
<b>3</b>	system accounts for angular orientation for path correction	yes	no	boolean	field testing of unit
<b>4</b>	distance calculating algorithm error (for path correction)	2	5	ft	tolerance and threshold testing and modification
<b>5</b>	GPS refresh rate	1	2	refresh per minute	data stream timing
<b>6</b>	bus time from pickup point to stop	45	30	seconds	statistical analysis of collected data
<b>7</b>	Total bus time within GPS pickup area	1:30	1	minutes	statistical analysis of collected data
<b>8</b>	RAZOR IMU system time between data sets	50	150	milliseconds	running time testing