Impact of Positioning Processor

The third set of experiments show the result as graphs in Figure \*, which focus on verifying the impact of the positioning processor on the system.

Fig.\* The performance of the \*\*\* system in 24 hours and 30 days with different model of the Positioning Processor

In addition, the system reliability is also related to the dependability of the positioning processor.

***Finding.*** Figure \* illustrates that the probability of the failure of the positioning processor, which could effect the reliability of the system in both short and long term.

***Finding.*** From the first graph in Figure \*, it shows the probability in 24 hours. In the sixth hour, the probability of the failure of the positioning processor has stabilized between 0.9 and 1.0.

***Finding.*** The second graph in Figure \* shows the probability in 30 days. Since the probability does not change from the sixth hour in one day, the probability of 30 days does not change from 0.9 to 1.0 from the first day.