**Finding.** The result in Figure demonstrate that the incremental number of antennas decreases the failure probability of the entire system.

However, if the duration is set to 30 days without the changing of antenna failure rate, the above finding is changed.

**Finding.** From the second graph in Figure, the different number of the antennas have the different failure rate. The failure rate will increase when the number of the antennas increase but the failure rate still keep in a low level. The reason for this situation is that the entire system uses many antennas. When one of the antennas fails, there are still other antennas to help complete the work.