

Timing Analysis of the Handover Algorithm in Wireless Bluetooth Networks

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Abstract

Bluetooth is an option as radio baseband for wireless mobile network. The current standard does not have support for the roaming and handover mechanism between the different Bluetooth Base Stations. In this paper potential algorithms for roaming and handover are presented and a the analysis of the call blocking probability in handover case is given.

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Keywords: Bluetooth radio baseband, Bluetooth Base Station, Neighbor List, Handover, Roaming, Call blocking probability.