

Mobile Communications

Problem Set 9

Prof. Dr.-Ing. Markus Fidler
M.Sc. Felix Langenbruch

24.06.2016

Institut für
Kommunikations-
Technik



1. What is a piconet? and how is it characterized? Explain the two roles that Bluetooth devices can play in a piconet. What is the implication of the length of the active member address range (3 bit) and the passive member address range (8 bit)?
2. Can Bluetooth interfere with 802.11 (WLAN)? Is it possible for two piconets to interfere with each other?