

**Experimental Evaluation of Simple Construction Method for Radio Networks
along Railway Lines**

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When we need to grasp situations of disasters or accidents which have happened or how existent telecommunications equipments are damaged, it is required to construct temporal telecommunications networks along railway lines easily even if they do not have enough quality. As ad hoc network technology is thought to be suitable for this purpose, we measured its transmission characteristics in the premise of our Institute and indicated that it has a possibility to be used for tentative radio networks which are more easily constructible than wireless local area networks and have faster transmission speed than cellular phones.