

TSG-RAN Meeting #8
Oahu, HI, USA, 20 - 22 September 2000

RP-000333

(R4-000471, copy TSG-RAN) Response to LS (R1) on low chip rate TDD interference/deployment scenarios

Title: DRAFT LS answer on low chip rate TDD interference/deployment scenarios

Source: TSG-RAN WG4

To: TSG-RAN WG1

CC: TSG-RAN

Contact persons: johan.skold@era.ericsson.se, otto.lehtinen@nokia.com, meik.kottkamp@icn.siemens.de

TSG RAN WG4 would like to thank TSG RAN WG1 for the LS on low chip rate option interference / deployment scenarios.

TSG RAN WG4 identified two basic interference scenarios, these are operation in the same band and in adjacent bands.

TSG RAN WG4 identified the investigation for operation in adjacent bands as its prime priority. It is confirmed that the operation in adjacent bands will impact WG4 requirements such as spectrum mask, ACLR and ACS requirements. The necessary investigation will be performed within WG4 and the results will be included in the technical report 25.945 for the low chip rate option. WG4 delegates indicated that first results should be available to the next WG4 meeting.

TSG RAN WG4 likes to inform TSG RAN WG1 that it sees no impact on WG4 specification resulting from the operation in the same band, since this is more related to the physical layer than to radio parameters. Furthermore operation of different Modes of UTRA (FDD or TDD) in the same band has not been considered in WG4 so far. Also operation in the same band, e.g. in country border regions and uncoordinated operation, involve discussion in regulatory bodies.

In summary WG4 agrees to investigate operation in adjacent bands with high priority in order to finalise the related work item until the end of the year. Operation in the same band will be considered with lower priority based on input documents on this subject. WG4 is open to further discussions on RF related parameters (affecting WG4 specification) in the future.