

TSG-RAN meeting #17
Biarritz, France, 3-6 September 2002

RP-020462

3GPP TSG-RAN4 Meeting #24
Helsinki, Finland, 12-16 August, 2002

R4-021380

Title: LS on the scope of the study item "Viable deployment of UTRA in additional and diverse spectrum arrangements"

Response to:

Release: Rel-6

Work Item: Feasibility study considering the viable deployment of UTRA in additional and diverse spectrum arrangements

Source: RAN4

To: RAN

Cc:

Contact Person:

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Attachments: None

1. Overall Description:

At its 23th meeting, RAN4 discussed the scope of the study item on viable deployment of UTRA in additional and diverse spectrum arrangements. It was felt unclear, if the study item shall only investigate the UTRA FDD mode or as well the UTRA TDD mode. RAN4 decided that the description of the scope of the study item covers both UTRA modes. For the investigation of the viable deployment of UTRA TDD, RAN4 identified the frequency band 2500-2690 MHz as additional spectrum within the scope of this study item. Based on the comment from delegates that the operation of FDD&TDD in the same band should be at least mentioned. It was agreed to add the topic "Feasibility of UL next to DL allocations with flexible position" to the open issues.

Contributions were presented at RAN4#24 to address the viability of the deployment of UTRA TDD within this band. RAN4 discussed, if the study item shall only cover the viability of the deployment of TDD in the complete band or if the study item shall also include the deployment of TDD in combination with FDD in the band 2500-2690 MHz. RAN4 felt that it is not in its mandate to make this decision and request guidance from RAN.

RAN4 asks the following question to RAN:

1. With respect to the viable deployment of UTRA TDD in the frequency band 2500-2690 MHz, shall the study item include
 - a) the use of the complete band for UTRA TDD?
 - b) the use of UTRA TDD in combination with UTRA FDD in this band?
 - c) both of these spectrum allocations, i.e. point a) and point b) above?

Further, it is unclear to RAN4, if the feasibility study shall include coexistence analysis, i.e. between FDD DL and UL and between FDD and TDD, or if this work shall be performed at a later stage, e.g. if a work item is raised.

Therefore RAN4 would like to asks the following additional question to RAN:

2. Are coexistence analyses within the scope of this feasibility study?

2. Actions:

To RAN group.

ACTION: Provide an answer to the questions above.

3. Date of Next Meetings:

Meeting No.	Date	Host	Location
RAN WG4 #25	11-15 November 2002	North American Friends 3GPP	New Jersey, US
RAN WG4 #26	17-21 February 2003		Europe / Korea
RAN WG4 #27	19-23 May 2003	European Friends of 3GPP	Disneyland Paris, FR