

Status Report for WI to TSG

Work Item Name: DS-CDMA Introduction in the 800 MHz Band

SOURCE: Rapporteur

TSG: RAN

WG: 4

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Ref. to WI sheet: RP-030178.doc, TSGRP#19 (2003)

Progress Report since the last TSG (for all involved WGs):

Each of TSG RAN-WG4 (17-21, November 2003) and RAN-WG2 (17-21, November 2003) has had one meeting respectively.

RAN WG4:

In RAN-WG4#29 meeting, all necessary changes for the Release 6 specifications (TS 25.101, 25,104 and 25.141 respectively) were proposed and agreed as followings;

- ~~✍~~ For channel numbering, harmonization between new bands (Band IV, V and VI) was discussed and finally proposed CRs were agreed in [1], [2] and [3].
- ~~✍~~ For other proposed specifications, some spurious emission and blocking characteristics were modified, and the revised CRs were agreed in [4], [5] and [6]. And additional spurious emission requirement for UE blocking characteristics was also approved in [7].
- ~~✍~~ For better understanding, a document [8] was introduced including consistent changes in TS25.101 between band V and VI.
- ~~✍~~ Performance requirements were aligned with Band V, and proposed CRs were agreed in [9], [10] and [11].

The issue on the frequency band indicator for UE was identified in Band V, Band VI as well as in Band IV, and LS to RAN-WG2 in [12] was agreed.

And finally, changes for the TR25.805 was updated to v0.3.0, and sent to the reflector.

RAN WG2:

In the RAN-WG2#39 meeting, 4 CRs to TS25.307 in [13] – [16] and 2 CRs to 25.331 in [17] and [18] were agreed.

According to the LS from RAN4, the new extension of the frequency band indicator was agreed and captured in the above CRs.

List of Completed elements (for complex work items):

- Existing band plan
- Possible deployment scenario in Japan
- Channel numbering
- Signalling related to the new band
- Band numbering
- UE radio requirement
- BS radio requirement

List of open issues:

- none

Estimates of the level of completion (when possible):

100%

WI completion date review resulting from the discussion at the working group:

RAN#22 (this meeting)

References to WG's internal documentation and/or TRs:

- [1] R4-031094 Introduction of new channel arrangement for bands IV, V and VI (CR 308 to 25.101 Rel-6) (Ericsson)
- [2] R4-031095 Introduction of new channel arrangement for bands IV, V and VI (CR 210 to 25.104 Rel-6) (Ericsson)
- [3] R4-031096 Introduction of new channel arrangement for bands IV, V and VI (CR 333 to 25.141 Rel-6) (Ericsson)
- [4] R4-031128 DS-CDMA Introduction in the 800 MHz Band (CR 280r1 to 25.101 Rel-6) (Fujitsu, NTT DoCoMo, Panasonic)
- [5] R4-031129 DS-CDMA Introduction in the 800 MHz Band (CR 206r1 to 25.104 Rel-6) (Fujitsu, NTT DoCoMo, Panasonic)
- [6] R4-031130 DS-CDMA Introduction in the 800 MHz Band (CR 327r1 to 25.141 Rel-6) (Fujitsu, NTT DoCoMo, Panasonic)
- [7] R4-031134 DS CDMA introduction in the 800 MHz band (Addition of spurious emissions requirement) (CR 315 to 25.101 Rel-6) (Fujitsu, NTT DoCoMo, Panasonic)
- [8] R4-031127 UE requirement for UMTS850 and UMTS800 (Fujitsu, NTT DoCoMo, Panasonic)
- [9] R4-031131 DS CDMA introduction in the 800 MHz band (performance requirement in Band VI) (CR 314 to 25.101 Rel-6) (Fujitsu, NTT DoCoMo, Panasonic)
- [10] R4-031132 DS CDMA introduction in the 800 MHz band (performance requirement in Band VI) (CR 214 to 25.104 Rel-6) (Fujitsu, NTT DoCoMo, Panasonic)
- [11] R4-031133 DS CDMA introduction in the 800 MHz band (performance requirement in Band VI) (CR 335 to 25.141 Rel-6) (Fujitsu, NTT DoCoMo, Panasonic)
- [12] R4-031086 Discussion on the frequency band indicator (NTT DoCoMo, Nokia, Motorola, Ericsson)
- [13] R2-032709 Introduction of UMTS800 (CR 007 to 25.307 Rel-99) (NTT DoCoMo)
- [14] R2-032710 Introduction of UMTS800 (CR 008 to 25.307 Rel-4) (NTT DoCoMo)
- [15] R2-032711 Introduction of UMTS800 (CR 009 to 25.307 Rel-5) (NTT DoCoMo)
- [16] R2-032596 Introduction of UMTS800 (CR 0010 to 25.307 Rel-6) (NTT DoCoMo)
- [17] R2-032592 Introduction of UMTS800 (CR 2133 to 25.331 Rel-6) (NTT DoCoMo)
- [18] R2-032725 Introduction of new bands (CR 2160 to 25.331 Rel-6) (NTT DoCoMo)