

TSG-RAN meeting #10
Bangkok, Thailand, 6-8 December 2000

RP-000584

Source: RAN WG4 Chairman

Title : Status report for RAN WG4

1 Introduction

This document contains the status report of 3GPP TSG RAN WG4 at RAN#10

Good progress has been made since RAN#9. The number and magnitude of corrections to the BTS and UE release 99 specifications are reducing, and yet again significant progress has been made on the RRM documents. More corrections to the RRM documents should be expected at RAN #11.

Work on release 4 (R00) work items is also progressing well. One adhoc on narrowband and wideband TDD interworking was held (see LS), and one adhoc on UMTS 1800. Narrowband TDD, BS classifications and FDD repeaters are near completion with the technical reports available. Either new TS's or CR's to release 4 specifications should be expected at RAN#12.

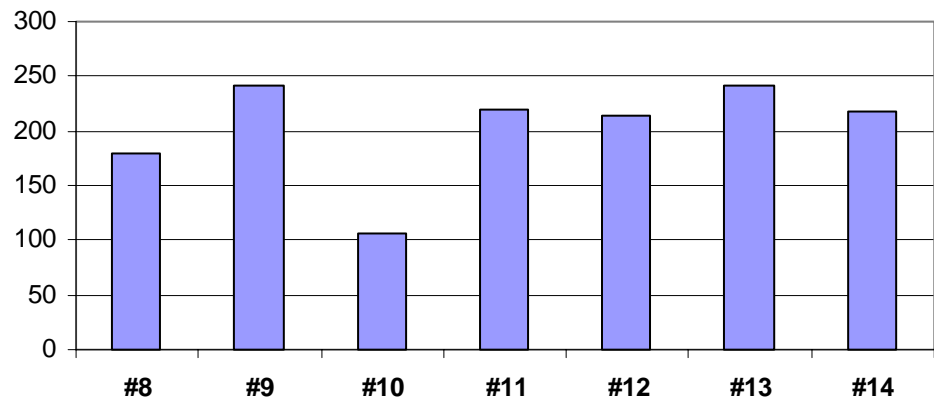
Tdoc RP-000524 is the outcome of the request by RAN for RAN 4 to study the interworking of narrowband and wideband TDD in adjacent frequencies.

The following contains the status for each report or specification from RAN WG4

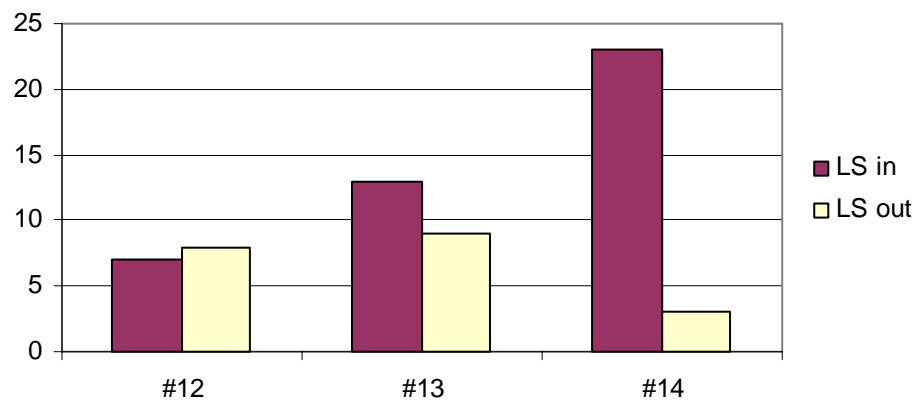
Spec	Title	Ver	No CRs	After RAN ver
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25.101	UE Radio transmission and reception (FDD)	3.4.1	7	3.5.0
25.102	UE Radio transmission and reception (TDD)	3.4.0	5	3.5.0
25.104	BTS Radio transmission and reception (FDD)	3.4.0	2	3.5.0
25.105	BTS Radio transmission and reception (TDD)	3.4.0	2	3.5.0
25.123	Support of RF parameters in Radio Resource Management	3.3.0	1	3.4.0
25.133	Support of RF parameters in Radio Resource Management	3.3.0	8	3.4.0
25.141	Basestation conformance testing (FDD)	3.3.0	19	3.4.0
25.142	Basestation conformance testing (TDD)	3.3.0	15	3.4.0
25.113	Basestation EMC	3.3.0	9	3.4.0
25.941	Document Structure	3.1.0	0	
25.942	RF System scenarios	2.4.0		

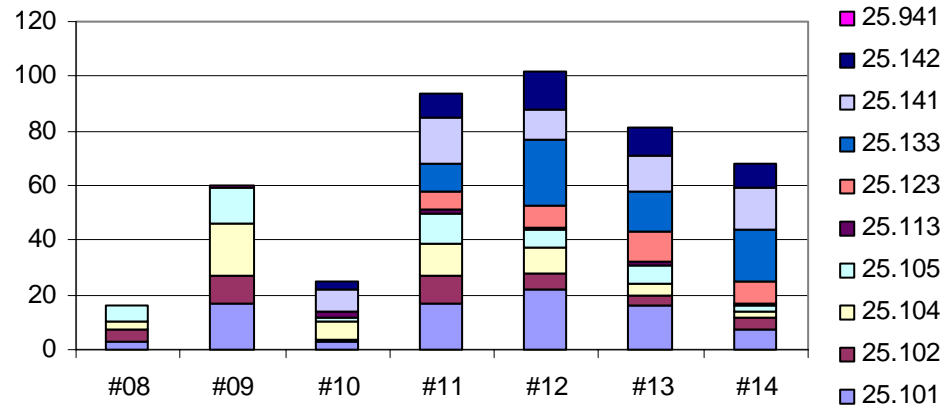
Documents per meeting



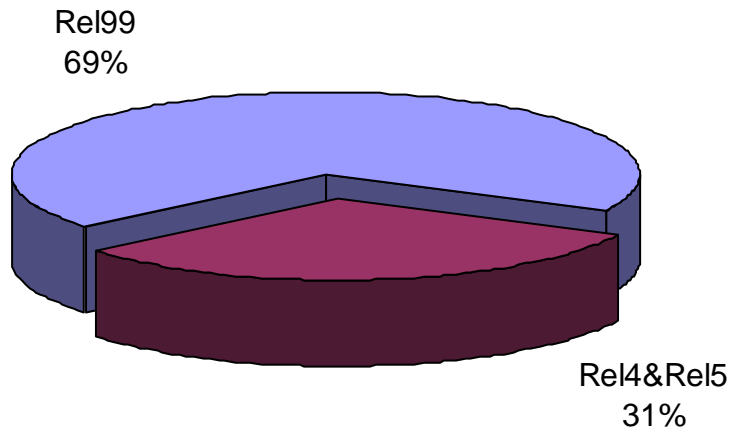
LSs per meeting



CRs per meeting



#14 meeting Tdocs



Items that require actions from RAN plenary

None

2 25.101

2.1 Status of the document

Work concluded since last RAN meeting

- Corrections

2.2 Change Requests presented for approval

CR list for TS 25.101

RP-000585	R4-000885	25.101	79 Proposed CR to TS 25.101 on subclause 7.8 RX Intermodulation	F	agreed	3.4.1	3.5.0
RP-000585	R4-000901	25.101	80 Corrections to DL compressed mode tests in TS 25.101	F	agreed	3.4.1	3.5.0
RP-000585	R4-000902	25.101	81 Correction to DL 384 kbps and BTFD measurement channels	F	agreed	3.4.1	3.5.0
RP-000585	R4-000917	25.101	82 Compressed mode, proposal for specification	F	agreed	3.4.1	3.5.0
RP-000585	R4-000973	25.101	82 RX spurious emissions	F	agreed	3.4.1	3.5.0
RP-000585	R4-000982	25.101	84 Correction for 25.101 concerning the channel number calculation	F	agreed	3.4.1	3.5.0
RP-000585	R4-000990	25.101	85 Definition of multi-code OCNS signal for receiver and performance tests	F	agreed	3.4.1	3.5.0

3 25.102

3.1 Status of the document

Work concluded since last RAN meeting

- Corrections

3.2 Change Requests presented for approval

RP-000586	R4-000788	25.102	36 Correction for 25.102 concerning UE maximum output power classes	F	agreed	3.4.0	3.4
RP-000586	R4-000789	25.102	37 Correction for 25.102 concerning the coexistence of TDD and FDD in the same band	F	agreed	3.4.0	3.4
RP-000586	R4-000830	25.102	38 Correction of Out-of-Sync criteria in 25.102	F	agreed	3.4.0	3.4
RP-000586	R4-000939	25.102	39 Clarification of the mentioned parameter alpha	F	agreed	3.4.0	3.4
RP-000586	R4-000982	25.102	40 Correction for 25.102 concerning the channel number calculation	F	agreed	3.4.0	3.4

4 25.104

4.1 *Status of the document*

Work concluded since last RAN meeting

- Corrections

4.2 *Change Requests presented for approval*

RP-000587	R4-000982	25.104	53 Correction for 25.104 concerning the channel number calculation.	F	agreed	3.4.0	3.5.0
RP-000587	R4-000963	25.104	54 Editorial correction to uplink reference channel for 2048kbps	F	agreed	3.4.0	3.5.0

5 25.105

5.1 Status of the document

Work concluded since last RAN meeting

- Corrections

5.2 Change Requests presented for approval by category

RP-000588	R4-000982	25.105	46 Correction for 25.105 concerning the channel number calculation.	F	agreed	3.4.0	3.5.0
RP-000588	R4-000967	25.105	47 Correction to reference measurement channels	F	agreed	3.4.0	3.5.0

6 25.941

6.1 *Status of the document*

Document is stable and complete.

6.2 *Change Requests presented for approval*

None

7 25.113

Work completed since last RAN meeting

- Corrections

7.1 Change Requests presented for approval

RP-000589	R4-000979	25.113	4 Alignments with other EMC standards	F	agreed	3.3.0	3.4.0
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8 25.123 / 25.133

Work since last RAN meeting

- Major improvements made in the RRM area
- Editorial corrections
- Additional performance requirements
- Document restructured

Work not completed

- Performance results in some sections

8.1 Change Requests presented for approval

CR list for TS 25.123

RP-000590	R4-000921	25.123	27 Re-structuring TS 25.123 Section 3	F	agreed	3.3.0	3.4.0
RP-000590	R4-000923	25.123	28 Re-structuring TS 25.123 Section 4+A4	F	agreed	3.3.0	3.4.0
RP-000590	R4-000925	25.123	29 Re-structuring TS 25.123 Section 5	F	agreed	3.3.0	3.4.0
RP-000590	R4-000927	25.123	30 Re-structuring TS 25.123 Section A5	F	agreed	3.3.0	3.4.0
RP-000590	R4-000929	25.123	31 Re-structuring TS 25.123 Section 6+7	F	agreed	3.3.0	3.4.0
RP-000590	R4-000931	25.123	32 Re-structuring TS 25.123 Section 8+A8	F	agreed	3.3.0	3.4.0
RP-000590	R4-000933	25.123	33 Re-structuring TS 25.123 Section 9+A9	F	agreed	3.3.0	3.4.0
RP-000590	R4-000935	25.123	34 Re-structuring TS 25.123 Annex A1-3	F	agreed	3.3.0	3.4.0

CR list for TS 25.133

RP-000591	R4-000805	25.133	47 Received total wideband power	F	agreed	3.3.0	3.4.0
RP-000591	R4-000863	25.133	48 Removal of cell selection delay requirements	F	agreed	3.3.0	3.4.0

RP-000591	R4-000864	25.133	49 Clarification of the random access requirements	F	agreed	3.3.0	3.4.0
RP-000591	R4-000866	25.133	50 Correction of RRC re-establishment requirements	F	agreed	3.3.0	3.4.0
RP-000591	R4-000868	25.133	51 Event triggered reporting in AWGN conditions	F	agreed	3.3.0	3.4.0
RP-000591	R4-000869	25.133	52 Inter frequency measurements in AWGN	F	agreed	3.3.0	3.4.0
RP-000591	R4-000871	25.133	53 Physical channel BER accuracy	F	agreed	3.3.0	3.4.0
RP-000591	R4-000873	25.133	54 Event triggered reporting in fading conditions	F	agreed	3.3.0	3.4.0
RP-000591	R4-000875	25.133	55 Periodic reporting in AWGN	F	agreed	3.3.0	3.4.0
RP-000591	R4-000895	25.133	56 Introduction of UE Rx-Tx time difference type 1 & 2	F	agreed	3.3.0	3.4.0
RP-000591	R4-000896	25.133	57 Correction of UE Tx timing adjustment	F	agreed	3.3.0	3.4.0
RP-000591	R4-000942	25.133	58 Alignment of intra frequency CPICH Ec/Io measurement requirements in TS25.133	F	agreed	3.3.0	3.4.0
RP-000591	R4-000945	25.133	59 Multiple neighbour test cases	F	agreed	3.3.0	3.4.0
RP-000591	R4-000981	25.133	60 Correction of intra- and inter frequency measurement requirement.	F	agreed	3.3.0	3.4.0
RP-000591	R4-000985	25.133	61 Correction of TDD measurement requirements.	F	agreed	3.3.0	3.4.0
RP-000591	R4-000993	25.133	62 General cell re-selection requirements	F	agreed	3.3.0	3.4.0
RP-000591	R4-000994	25.133	63 BSIC verification requirements in TS25.133	F	agreed	3.3.0	3.4.0
RP-000591	R4-000995	25.133	64 GSM RSSI measurement	F	agreed	3.3.0	3.4.0
RP-000591	R4-000996	25.133	65 Clarification of parallel measurement section	F	agreed	3.3.0	3.4.0

9 25.141

Work concluded since last RAN meeting

- Corrections

9.1 Change Requests presented for approval

Request ID	Resolution ID	Section	Description	Status	Resolution	Version	Final Status
RP-000592	R4-000818	25.141	Clarifications for EVM and PCDE measurement with respect to inclusion of 51 the SCH	F	agreed	3.3.0	3.3.0
RP-000592	R4-000821	25.141	52 Clarifications for EVM definition	F	agreed	3.3.0	3.3.0
RP-000592	R4-000989	25.141	53 Corrections of values, references and structures of test cases	F	agreed	3.3.0	3.3.0
RP-000592	R4-000833	25.141	54 Total power dynamic range in 25.141	F	agreed	3.3.0	3.3.0
RP-000592	R4-000840	25.141	55 Editorial corrections on TS25.141, sections for test conditions	F	agreed	3.3.0	3.3.0
RP-000592	R4-000964	25.141	56 Editorial correction to uplink reference channel for 2048kbps.	F	agreed	3.3.0	3.3.0
RP-000593	R4-001000	25.141	57 Test tolerance for Base station output power	F	Email-agreed	3.3.0	3.3.0
RP-000593	R4-001000	25.141	58 Test tolerance for Adjacent Channel Leakage Ratio	F	Email-agreed	3.3.0	3.3.0
RP-000593	R4-001000	25.141	59 Test tolerance for Spectrum emission mask	F	Email-agreed	3.3.0	3.3.0
RP-000593	R4-001000	25.141	60 Test tolerance for Frequency error	F	Withdrawn	3.3.0	3.3.0
RP-000593	R4-001000	25.141	61 Test tolerance for Reference Sensitivity Level	F	Withdrawn	3.3.0	3.3.0
RP-000593	R4-001000	25.141	62 Annex explaining implementation of Test tolerance to Tests	F	Email-questions	3.3.0	3.3.0
RP-000593	R4-001000	25.141	63 Test tolerance for Power control steps	F	Withdrawn	3.3.0	3.3.0
RP-000593	R4-001000	25.141	64 Test tolerance for Power ctrl dynamic range	F	Withdrawn	3.3.0	3.3.0
RP-000593	R4-001000	25.141	65 Test tolerance for Total power dynamic range	F	Withdrawn	3.3.0	3.3.0

10 25.142

Work concluded since last RAN meeting

- Corrections

10.1 Change Requests presented for approval

RP-000594	R4-000821	25.142	38 Clarifications for EVM definition	F	agreed	3.3.0	3.4.0
RP-000594	R4-000854	25.142	39 Conformance test description for frequency stability	F	agreed	3.3.0	3.4.0
RP-000594	R4-000855	25.142	40 Conformance test description for inner loop power control	F	agreed	3.3.0	3.4.0
RP-000594	R4-000856	25.142	41 Conformance test description for power control dynamic range	F	agreed	3.3.0	3.4.0
RP-000594	R4-000857	25.142	42 Conformance test description for transmit ON/OFF power	F	agreed	3.3.0	3.4.0
RP-000594	R4-000858	25.142	43 Conformance test description for occupied bandwidth	F	agreed	3.3.0	3.4.0
RP-000594	R4-000859	25.142	44 Conformance test description for performance requirements	F	agreed	3.3.0	3.4.0
RP-000594	R4-000965	25.142	45 Editorial correction to ACLR test	F	agreed	3.3.0	3.4.0
RP-000594	R4-000967	25.142	46 Correction to reference measurement channels	F	agreed	3.3.0	3.4.0

11 25.942

The document is presented for information, this in an internal report.

12 Release 99 submission forms

None.

13 Concluding remarks

RAN WG4 has achieved considerable progress in our work over the last RAN meeting, and all companies and delegates must be acknowledged for their hard work and fruitful collaboration.

14 Items for release 4

14.1 25.943- Deployment scenarios

The technical report on deployment scenarios is for release 4 and was completed and presented at the RAN #8.

14.2 25.951- FDD Base Station Classifications

This technical report on FDD base station classifications is presented for information. The cover sheet is in document RP-000597, and the report in RP-000598. This will be converted into either new release 4 specifications or release 4 CRs at the next RAN plenary #11

14.3 25.952- TDD Base Station Classifications

This technical report on TDD base station classifications is presented for information. This will be converted into either new release 4 specifications or release 4 CRs at the next RAN plenary #11

14.4 25.106 - Repeaters

This technical report is available for information. The cover sheet is in document RP-000595, and the report in RP-000596. This will be presented for approval for release 4 at the next RAN plenary #11

14.5 25.143 – Repeater Type Approval

This technical report is available for information. The cover sheet is in document RP-000670, and the report in RP-000671. This will be presented for approval for release 4 at the next RAN plenary #11

14.6 25.945 – Narrowband TDD option

This technical report is for endorsement. The cover sheet is in document RP-000677, and the report in RP-000678. This will be converted into either new release 4 specifications or release 4 CRs at the next RAN plenary #11

14.7 UMTS 1800

Work in this area is progressing. The report from the adhoc has not been approved by RAN 4 but is available for those interested parties on our reflector in document R4-1800011.

15 RAN WG4 meetings in 2000

Meeting No.	Date	Host	Location
RAN WG4 #14	13-17 November 2000	ETSI	Sophia Antipolis, France
RAN WG4 #15	23 – 26 Jan 2001	US friends of 3GPP	Boston, USA
RAN WG4 #16	19-23 February 2001	Max-Mobil (T-Mobil)	Vienna, Austria
RAN WG4 #17	21-25 May 2001	Ericsson	Gothenburg, Sweden
RAN WG4 #18	9-13 July 2001	Siemens	Berlin, Germany
RAN WG4 #19	3-7 September 2001	Agilent	Scotland, Europe
RAN WG4 #20	12-16 November 2001	US friends of 3GPP	New York, USA
RAN # 11	14-16 Mar 2001		USA
RAN # 12	13-15 Jun 2001		Europe
RAN # 13	26-28 Sep 2001		
RAN # 14	12-14 Dec 2001		