

RAN 4 Report
RP-030205

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RAN 4 Chairman

Summary

- **1 RAN WG4 meeting after the last RAN meeting**
- **Usual number of delegates (around 80),**
- **292 input contributions (finished 1 day early)**
- **Corrections to the specification (cat F numbers)**
 - **Release 99 - 10 CRs**
 - **Release 4 - 4 CRs**
 - **Release 5 - 18 CRs**
 - **Release 6 – 7 CRs**
- **There will be one WG meeting before the next plenary.**

Release 99 Issues

- Cell identification
 - R99 Inter-frequency TGPL limitations CR agreed
 - 25.133 CR589
- Testing RRM requirements
 - Excellent progress on producing guidance to T1. Ongoing discussion on where the test tolerance text will reside, in RAN 4 or T1

Ongoing Discussions

- Accuracy requirement of non-HSDPA transmit carrier power measurement
- Requirements for measurement accuracy for SFN-SFN Type 1 and Type 2 measurements
- Variable duplex spacing
 - Is there a need for it in any band ?
- Testing with TX diversity
 - LS sent to RAN 1 on CPICH power split
- UE positioning
 - New GPS work discussed

HSDPA

- **Completed**

Rel 6 Work Items

- **Improvement of Receiver Performance Requirements for FDD UE**
 - Discussion on new test conditions replacing AWGN interference with more realistic other cell interference
- **Additional bands**
 - Work started
- **Base Station classification**
 - Radio network planning considerations added to scenarios document
- **Analysis of higher chip rates for UTRA TDD evolution**
 - Work started

Rel 6 study items

- **Wide Band distribution Systems**
 - Ongoing discussion, but little real progress
- **FS for the deployment of UTRA in additional and diverse spectrum arrangement**
 - Completed
- **Low Output Powers for general purpose FDD BSs**
 - Work started, good progress

Work and Study Items

Work Item name	WI acronym	%	Finish date
Improving Receiver Performance Requirements for the FDD UE	RInImp -UERecPerf	-	Sept 03
UMTS 850	RInImp-UMTS850	<u>25</u> %	March 04
DS-CDMA Introduction in the 800 MHz Band	RInImp-UMTS800	<u>25</u> %	Sept 03
UMTS 1.7/2.1 GHz	RInImp-UMTS1721	<u>10</u> %	Dec 03
HSDPA - RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing	HSDPA-RF	<u>100</u> %	June 03
Multiple Input Multiple Output Antennas - RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing	RInImp-MIMO-RF	0%	March 04

Study Item name	Acronym	%	Finish date
FS on UTRA Wideband Distribution System	RInImp-WDS	<u>40</u> %	Sept 03
FS for the viable deployment of UTRA in additional and diverse spectrum arrangements	RInImp-UMTSBands	<u>100</u> %	June 03
FS on Low Output Powers for general purpose FDD BSs	RInImp-FSLoPw	<u>10</u> %	Sept 03

Future Meetings

- RAN 4 - 18 - 22 Aug - Moved to ETSI
 - **RAN#21 - 16 - 19 September 2003 Berlin, Germany**
 - RAN 4 - 17 - 21 Nov Qualcomm - San Diego
 - **RAN#22 - 9 - 12 December 2003 HI, USA**
 - RAN 4 - 9 - 13 Feb R&S Munich
 - **RAN - 9 - 12 Mar China(TBD)**
 - RAN 4 - 17 - 21 May (China)
 - **RAN - 1-4 Jun Korea**
 - RAN 4 - 16-21 Aug (co-locate with RAN 2?)
 - **RAN - 7-10 Sept US**
 - RAN 4 - 15-19 Nov (US)
 - **RAN 7-10 Dec TBD**
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