

3GPP TSG RAN Working Group 1 (Layer 1)							
List of WG1 Temporary Documents							
Available	Tdoc Number	Title	Source	Agenda Item	Type	Revised to (from)	Treated Date
Yes	R1-061105	Draft Agenda for RAN1#45	RAN1 Chairman	2	Decision		5/8/2006
Yes	R1-061106	Draft Report from RAN1#44bis Meeting	MCC Support	3	Approval		5/8/2006
Yes	R1-061107	E-UTRA Physical Layer Framework for Evaluation	Vodafone, DoCoMo, Orange, TIM, T-Mobile, Ericsson, Qualcomm, Motorola, Nokia, Nortel, Samsung, Siemens	11	Decision	R1-061118	
Yes	R1-061108	Draft Report from RAN1/RAN2 Joint Meeting in Athens	MCC Support	3	Approval		5/8/2006
Yes	R1-061109	LS on UE measurement and reception capabilities for LTE (To: RAN1, RAN4)	RAN WG2, Motorola	4	Incoming LS	= R2-061101	5/8/2006
Yes	R1-061110	TR25.814 v.1.2.3 Physical Layer Aspects for Evolved UTRA	Editor, NTT DoCoMo	11	Approval		5/10/2006
Yes	R1-061111	Text proposals on LTE Physical Layer Description for TR 25.912, Chapter 7	NTT DoCoMo	11.8	Approval	R1-061646	5/12/2006
Yes	R1-061112	Downlink System Evaluation Results -User Throughput, Spectrum Efficiency	Mitsubishi Electric	11.6.2	Discussion		5/11/2006
	R1-061113	Ordered transmission scheme for LDPC-coded symbols	Mitsubishi Electric	11.6.2	Discussion		
Yes	R1-061114	Random access design for E-UTRA uplink	Panasonic	11.1.2	Discussion/ Decision		
Yes	R1-061115	System level simulation result on SC-FDMA	Panasonic	11.6.2	Information		5/10/2006
Yes	R1-061116	Diversity for Random Access	ETRI	11.1.2	Discussion/ Decision		
Yes	R1-061117	Comparison of One-SCH and Two-SCH Schemes for EUTRA Cell Search	ETRI	11.1.3	Discussion/ Decision		5/9/2006
Yes	R1-061118	E-UTRA Physical Layer Framework for Evaluation	Vodafone, DoCoMo, Orange, Telecom Italia, T-Mobile, Ericsson, Qualcomm, Motorola, Nokia, Nortel, Samsung, Siemens, Cingular	11	Decision	(R1-061107)	5/10/2006
Yes	R1-061119	D-TxAA and PARC performance comparison with LMMSE receiver	Nokia	7	Discussion		5/8/2006
Yes	R1-061120	HSDPA MIMO system performance results	Nokia	7	Discussion		5/8/2006

Yes	R1-061122	Performance evaluation of STBC/SFBC schemes in E-UTRA Uplink	Alcatel	11.2.3	Discussion/ Decision	
Yes	R1-061123	Effect of different ST/SF coding and mapping schemes on the PAPR of the SC-FDMA in E-UTRA Uplink	Alcatel	11.2.3	Discussion/ Decision	
Yes	R1-061124	Text proposal for reference signal design in Downlink MIMO	Intel Corporation	11.2.3	Text Proposal	
Yes	R1-061125	Text proposal for modulation and power adaptation of MIMO systems	Intel Corporation	11.2.3	Text Proposal	5/9/2006
Yes	R1-061126	Scalable precoding and implementation complexities	Intel Corporation	11.2.3	Text Proposal	5/9/2006
Yes	R1-061127	Comparison between single and multiple codewords for precoded MIMO	Intel Corporation	11.6.2	Discussion	
Yes	R1-061128	System-level Evaluation of MIMO with Unitary Precoding	Intel Corporation	11.6.2	Discussion	5/9/2006
Yes	R1-061129	System-level Evaluation of Open-loop Transmit Diversity Schemes	Intel Corporation	11.6.5	Discussion	
Yes	R1-061130	Modify puncturing pattern to improve performance and iterations of release 6 turbo coding	HighDimension Ltd, CCL/TRI	11.6.2	Discussion/ Decision	
Yes	R1-061131	A simple inter-block permutation in channel coding to provide backward compatibility and secure transmission	HighDimension Ltd	11.6.2	Discussion	
Yes	R1-061132	Implementation complexity and power consumption concerns in channel coding	HighDimension Ltd	11.6.5	Discussion	
Yes	R1-061133	System performance impact of release 6 turbo coding tail-bits removal	HighDimension Ltd	11.6.2	Discussion	
Yes	R1-061134	Security and service differentiation in MBMS from physical layer perspective	HighDimension Ltd	11.6.3	Discussion	5/9/2006
Yes	R1-061135	Cell Search Scheme in E-UTRA Downlink	Sharp	11.1.3	Discussion	
Yes	R1-061136	UE Identity in L1/L2 Downlink Control Signalling	Sharp	11.1.1	Discussion/ Decision	
Yes	R1-061137	Random access control for 1.28Mcps TDD Enhanced Uplink	ZTE	6.1	Decision	5/8/2006
Yes	R1-061138	Random access physical channel for 1.28Mcps TDD Enhanced Uplink	ZTE	6.1	Decision	5/8/2006
Yes	R1-061139	Enhanced uplink power control for 1.28Mcps TDD Enhanced Uplink	ZTE	6.1	Decision	5/8/2006
Yes	R1-061140	Consideration on Multi-cell Interference for SCH Design in Cell Search and TP	SHRCWC, RITT	11.1.3	Discussion/ Decision	
Yes	R1-061141	Performance of Transmit Antenna Switch for Random Access	SHRCWC, RITT	11.1.2	Discussion	
Yes	R1-061142	Solution to mitigate the ACK/NACK misinterpretation	SHRCWC, RITT	11.3.4	Discussion/ Decision	
Yes	R1-061143	Reconfiguration of EUDCH	Panasonic	5.4	Decision	5/8/2006
Yes	R1-061144	Three-Step Initial Cell Search and System Acquisition for E-UTRA	Chungghwa Telecom Laboratories (CHTTL)	11.1.3	Discussion/ Decision	
Yes	R1-061145	Aspects of Cell Search for E-UTRA Downlink	Chungghwa Telecom Laboratories (CHTTL)	11.1.3	Discussion	
Yes	R1-061146	Impact of Mobility on the Performance of LTE MIMO Schemes	Chungghwa Telecom Laboratories (CHTTL)	11.1.5	Discussion/ Decision	
Yes	R1-061147	System Evaluation of Intra-Cell Macro Diversity Schemes for	Chungghwa Telecom	11.6.2	Discussion	

Yes	R1-061149	Text Proposal for downlink OFDMA resource allocation and mapping rules for distributed mode users in E-UTRA, with discussion on control information	Intel	11.2.3	Discussion/ Decision		N
Yes	R1-061150	Interference-aware MIMO feedback: A Text Proposal	Intel Corporation	11.1.5	Text Proposal		5/9/2006
Yes	R1-061151	MIMO resource definition for E-UTRA	Philips	11.1.5	Discussion/ Decision		
Yes	R1-061152	Simulation Results of Coded MIMO-OFDM for E-UTRA Downlink	Philips	11.1.5	Discussion		
Yes	R1-061153	Uplink Reference Signal Design Based on TTI Grouping	Mitsubishi Electric	11.2.1	Discussion/ Decision		
Yes	R1-061154	Discussion and draft answers on LS R1-061109	LG Electronics	4	Decision		5/8/2006
Yes	R1-061155	Uplink reference signal for channel quality measurement	LG Electronics	11.2.1	Decision		
Yes	R1-061156	Performance comparison of localized and distributed SC-FDMA	LG Electronics	11.2.3	Discussion		
Yes	R1-061157	Simulation results for uplink fast frequency domain scheduling	LG Electronics	11.6.2	Discussion		5/10/2006
Yes	R1-061158	TP on simulation results for uplink fast frequency domain scheduling	LG Electronics	11.5	Decision		
Yes	R1-061159	Random access preamble design for EUTRA TDD	TD Tech	11.1.2	Discussion/ Decision		
Yes	R1-061160	Cell search and identification of Cell ID for EUTRA TDD	TD Tech	11.1.3	Discussion/ Decision		
Yes	R1-061161	TP on localized and distributed SC-FDMA	LG Electronics	11.2.3	Text Proposal		
Yes	R1-061162	Improving Spectral Efficiency by Dispersive Coding	ITRI	11.6.2	Discussion/ Decision		
Yes	R1-061163	Downlink Control Channel Coding	Motorola	11.1.1	Discussion		5/9/2006
Yes	R1-061164	Downlink Control Channel Modulation and Coding	Motorola	11.1.1	Discussion		
Yes	R1-061165	Downlink Acknowledgement and Group Transmit Indicator Channels	Motorola	11.1.1	Discussion/ Decision		
Yes	R1-061166	Random Access Payload Size	Motorola	11.1.2	Discussion		5/9/2006
Yes	R1-061167	Synchronized Random Access Channel Design	Motorola	11.1.2	Discussion		
Yes	R1-061168	Preamble Sequence Design for Random Access of E-UTRA	Motorola	11.1.2	Discussion/ Decision		
Yes	R1-061169	LTE Uplink System Performance and comparison to HSUPA and TP	Motorola	11.6.2	Text Proposal	R1-061550	
Yes	R1-061170	LTE Downlink System Performance Evaluation Results	Motorola	11.6.2	Discussion/ Decision	R1-061626	
Yes	R1-061171	Overhead Analysis and Resource Assignment for Uplink CQI Feedback Channel and TP	Motorola	11.2.3	Text Proposal		
Yes	R1-061172	EUTRA Uplink Control Signaling + TP	Motorola	11.2.3	Discussion/ Decision		
Yes	R1-061173	EUTRA Downlink Distributed Multiplexing and Mapping Rules TP	Motorola, NTT DoCoMo	11.2.3	Discussion		
Yes	R1-061174	Text proposal for uplink sounding in EUTRA	Motorola	11.2.1	Text Proposal		
Yes	R1-061175	Text proposal for direct channel feedback in EUTRA	Motorola	11.2.1	Text Proposal		
Yes	R1-061176	E-UTRA SC-FDMA Uplink Pilot/Reference Signal Design & TP	Motorola	11.2.1	Discussion/ Decision		
Yes	R1-061177	Summary of RACH e-mail reflector discussion	Motorola	11.1.2	Discussion		5/9/2006
Yes	R1-061178	Combination of ICI cancellation and coordination: performance and TP	RITT, Huawei	11.2.2	Decision	R1-061543	
Yes	R1-061179	System Simulation Results for the LTE Uplink	RITT, Huawei	11.6.2	Discussion/ Decision		5/10/2006
Yes	R1-061180	Investigation on Throughput Improvement by Rel. 7 MIMO	NTT DoCoMo	7	Discussion/ Decision		5/8/2006

Yes	R1-061181	L1/L2 Control Channel Structure for E-UTRA Downlink	NTT DoCoMo, Fujitsu, Mitsubishi Electric, NEC, Panasonic, Sharp, Toshiba Corporation	11.1.1	Discussion/ Decision	(R1-060032)	5/9/2006
Yes	R1-061182	Distributed FDMA Transmission for Shared Data Channel in E-UTRA Downlink	NTT DoCoMo, Ericsson, Fujitsu, Mitsubishi Electric, Motorola, NEC, Nokia, Panasonic, Sharp, Toshiba Corporation	11.1.1	Discussion/ Decision	(R1-060305)	
Yes	R1-061183	L1/L2 Control Channel Structure for E-UTRA Uplink	NTT DoCoMo, Fujitsu, Mitsubishi Electric, NEC, Sharp, Toshiba Corporation	11.1.1	Discussion/ Decision	(R1-060320)	
Yes	R1-061184	Random Access Channel Structure for E-UTRA Uplink	NTT DoCoMo, Fujitsu, Mitsubishi Electric, NEC, Sharp, Toshiba Corporation	11.1.2	Discussion/ Decision		5/9/2006
Yes	R1-061185	Text Proposal on Cell Search Proposal	NTT DoCoMo	11.1.3	Text Proposal		5/9/2006
Yes	R1-061186	SCH Structure and Cell Search Method for E-UTRA Downlink	NTT DoCoMo	11.1.3	Discussion/ Decision	(R1-060042)	
Yes	R1-061187	Comparison on Cell Search Time Performance between SCH-Replica Based and Auto-Correlation Based Detections in E-UTRA Downlink	NTT DoCoMo, Fujitsu, Mitsubishi Electric, NEC, Panasonic, Toshiba Corporation	11.1.3	Discussion/ Decision	(R1-060781)	5/9/2006
Yes	R1-061188	Neighboring Cell Search Method for Connected and Idle Mode in E-UTRA Downlink	NTT DoCoMo	11.1.3	Discussion/ Decision		
Yes	R1-061189	Investigations on Cell-Common Pilot Channel Structure for MBMS in E-UTRA Downlink	NTT DoCoMo, Fujitsu, Mitsubishi Electric, NEC, Panasonic, Sharp, Toshiba Corporation	11.1.4	Discussion/ Decision		
Yes	R1-061190	MIMO Scheme in E-UTRA Downlink - Signaling Aspect	NTT DoCoMo, Fujitsu, Mitsubishi Electric, NEC, Sharp, Toshiba Corporation	11.1.5	Discussion/ Decision		

Yes	R1-061192	Channel Dependent Scheduling with Cyclic Delay Diversity	NTT DoCoMo NTT DoCoMo (May 2006)	11.1.5	(R1-060991)	Discussion/ Decision	
Yes	R1-061193	Multiplexing Method for Orthogonal Reference signals for E-UTRA Uplink	NTT DoCoMo	11.2.1		Discussion/ Decision	
Yes	R1-061194	Orthogonal Reference Signal Structure for Sectored Beams in E-UTRA Downlink	NTT DoCoMo, Ericsson, Fujitsu, Mitsubishi Electric, NEC, Panasonic, Sharp	11.2.3	(R1-060300)	Discussion/ Decision	
Yes	R1-061195	Link Adaptation Scheme for Single-antenna Transmission in E-UTRA Downlink	NTT DoCoMo, Ericsson, Fujitsu, Mitsubishi Electric, NEC, Panasonic, Sharp, Toshiba Corporation	11.2.3	(R1-060306)	Discussion/ Decision	
Yes	R1-061196	Link Adaptation Scheme for MIMO Transmission in E-UTRA Downlink	NTT DoCoMo, Ericsson, Fujitsu, Mitsubishi Electric, NEC, Panasonic, Sharp, Toshiba Corporation	11.2.3	(R1-060307)	Discussion/ Decision	5/9/2006
Yes	R1-061197	TP on Fast Transmission Power Control for L1/L2 Control Channel in E-UTRA Uplink	NTT DoCoMo, Fujitsu, Mitsubishi Electric, NEC, Sharp, Toshiba Corporation	11.2.3	(R1-060050)	Text Proposal	
Yes	R1-061198	Broadcast Channel Structure for E-UTRA Downlink	NTT DoCoMo, Mitsubishi Electric, NEC, Sharp, Toshiba Corporation	11.3.1		Discussion/ Decision	
Yes	R1-061199	Paging Channel Structure for E-UTRA Downlink	NTT DoCoMo, Fujitsu, Mitsubishi Electric, NEC, Toshiba Corporation	11.3.2		Discussion/ Decision	
Yes	R1-061200	Comparison of Signaling Overhead between Asynchronous and Synchronous Hybrid ARQ for E-UTRA Downlink	NTT DoCoMo	11.3.4		Discussion/ Decision	
Yes	R1-061201	Performance Comparison between Turbo Code and LDPC Code for Shared Data Channel in E-UTRA Downlink	NTT DoCoMo, NEC, Sharp, Toshiba Corporation	11	(R1-060037)	Discussion/ Decision	

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