

Available	Tdoc Number	Title	Source	Agenda Item	Type	Revised to (from)	Treated Date	Conclusion/Decision
		<b>3GPP TSG RAN Working Group 1 (Layer 1)</b>						
		<b>List of WG1 Temporary Documents</b>						
Yes	R1-060001	Draft Agenda	RAN1 Chairman	2	Decision		1/23/2006	Approved
Yes	R1-060002	Summary of LTE decisions from TSG RAN#30	RAN1 Chairman	3	Information		1/23/2006	Noted
Yes	R1-060003	LS on Time Plan for FS on 3GPP System Architecture Evolution (To: RAN, SA, SA1, SA3, RAN1, RAN2, RAN3)	SA WG2, Vodafone Group	4	Incoming LS	= S2-053015	1/23/2006	Noted
Yes	R1-060004	LS on "RRM for LTE" (To: RAN1, Cc: RAN2, RAN4)	RAN WG3, Siemens	4	Incoming LS	= R3-060085	1/23/2006	Noted, Do e-mail discussion until Denver meeting. (Siemens moderates).
Yes	R1-060005	Control Channel Mapping for MIMO Antennas in Evolved UTRA OFDMA Downlink	Sharp Corporation	5.1.2.4	Discussion/ Decision	= R1-051339		Not treated
Yes	R1-060006	Monitoring of Paging Information for Evolved UTRA Scalable Bandwidth	Sharp Corporation	5.1.2.3	Discussion/ Decision	= R1-051340		Not treated
Yes	R1-060007	LTE HARQ signalling considerations	Philips	5.1.2.3	Discussion/ Decision			Not treated
Yes	R1-060008	LTE UL HARQ signalling considerations	Philips	5.2.2.3	Discussion/ Decision			Not treated
Yes	R1-060009	EUTRA DL Control Channel design and Performance & TP	Motorola	5.1.2.3	TP			Not treated
	R1-060010	Sub-carrier mapping for distributed allocation for EUTRA-DL	Motorola	5-1.2.4	Discussion	R1-060245		Withdrawn
Yes	R1-060011	Cyclic Shift Diversity for EUTRA DL Control Channels & TP	Motorola	5.1.2.4	TP	R1-060249	1/23/2006	Revised in R1-060249
Yes	R1-060012	Benefits of Multiple Transmit Antennas at Node-B for EUTRA DL & TP	Motorola	5.1.2.4	TP	R1-060250	1/23/2006	Revised in R1-060250
Yes	R1-060013	EUTRA DL Reference Signal Structure Summary and Text Proposal	Motorola	5.1.2.2	TP		1/23/2006	Noted
Yes	R1-060014	Cell Search and Initial Acquisition for EUTRA & TP	Motorola	5.1.3.4	TP			Not treated
Yes	R1-060015	Localized Transmission for E-MBMS Document & TP	Motorola	5.1.2.3	TP			Not treated
Yes	R1-060016	Text Proposal for Downlink Resource Block for EUTRA	Motorola, NTT DoCoMo, Siemens	5.1.2.4	TP		1/23/2006	Noted
Yes	R1-060017	Link Adaptation for E-UTRA Downlink – Text Proposal for TR 25.814	Motorola	5.1.3.2	TP		1/25/2006	Noted
Yes	R1-060018	Performance Evaluation of EUTRA Downlink CQI Feedback Schemes	Motorola	5.1.3.1	Discussion/ Decision		1/24/2006	Noted
Yes	R1-060019	Text proposal on EUTRA CQI report	Motorola	5.1.2.3	TP	R1-060257	1/24/2006	Revised in R1-060257
Yes	R1-060020	Downlink UE Capability	Motorola	5.1.5	Discussion/ Decision		1/25/2006	Noted
Yes	R1-060021	EUTRA FEC Enhancements	Motorola	5.1.2.4	Discussion			Not treated
Yes	R1-060022	LDPC codes for EUTRA	Motorola	5.1.2.4	Discussion			Not treated
Yes	R1-060023	Cubic Metric in 3GPP-LTE	Motorola	5.2.3.4	Discussion			Not treated
Yes	R1-060024	Text proposal for replacing "PAPR" with "Power De-rating" in TR 25.814	Motorola	5.2.3.4	TP			Not treated
Yes	R1-060025	RACH Design for EUTRA	Motorola	5.2.3.1	Discussion			Not treated
Yes	R1-060026	Power Control and FDM Resource Allocation for E-UTRA Uplink and TP	Motorola	5.2.3.4	TP			Not treated

Yes	R1-060027	Performance Comparison of Pilot/Reference Signal Structures for E-UTRA Uplink SC-FDMA	Motorola	5.2.2.2	Discussion/ Decision			Not treated
Yes	R1-060028	E-UTRA SC-FDMA Uplink Resource Block, Resource Allocation and Pilot/Reference Signal Design & TP	Motorola	5.2.3.2	TP	R1-060246		Not treated
Yes	R1-060029	Uplink UE Capability	Motorola	5.2.5	Discussion/ Decision			Not treated
Yes	R1-060030	Complexity comparison between Turbo Code and LDPC codes	LG Electronics, ZTE	5.1.2.4	Discussion/ Decision			Not treated
Yes	R1-060031	Orthogonal Pilot Channel Structure in E-UTRA Downlink	NTT DoCoMo	5.1.2.2	Discussion/ Decision		1/23/2006	Noted
Yes	R1-060032	L1/L2 Control Channel Structure in E-UTRA Downlink	NTT DoCoMo, Ericsson, Fujitsu, Mitsubishi Electric Corporation, NEC, Sharp, Toshiba Corporation	5.1.2.3	Discussion/ Decision			Not treated
Yes	R1-060033	Broadcast Channel Structure in E-UTRA Downlink	NTT DoCoMo, Mitsubishi Electric Corporation, NEC, Sharp, Toshiba Corporation	5.1.2.4	Discussion/ Decision			Not treated
Yes	R1-060034	Paging Channel Structure in E-UTRA Downlink	NTT DoCoMo, Mitsubishi Electric Corporation, NEC, Toshiba Corporation	5.1.2.4	Discussion/ Decision			Not treated
Yes	R1-060035	MBMS Channel Structure for E-UTRA Downlink	NTT DoCoMo, NEC, Sharp	5.1.2.4	Discussion/ Decision			Not treated
Yes	R1-060036	Scrambling Code in E-UTRA Downlink	NTT DoCoMo, Fujitsu, Mitsubishi Electric Corporation, NEC, Sharp, Toshiba Corporation	5.1.2.4	Discussion/ Decision		1/23/2006	Noted
Yes	R1-060037	Comparison between Turbo and LDPC Codes for E-UTRA	NTT DoCoMo, NEC, Sharp	5.1.2.4	Discussion/ Decision			Not treated
Yes	R1-060038	Distributed OFDMA Transmission for Shared Data Channel in E-UTRA Downlink	NTT DoCoMo, Mitsubishi Electric Corporation, NEC, Sharp	5.1.2.4	Discussion/ Decision		1/24/2006	Noted

Yes	R1-060039	Adaptive Modulation and Channel Coding Rate Control for Single-antenna Transmission with Frequency Domain Scheduling in E-UTRA Downlink	NTT DoCoMo, Fujitsu, Mitsubishi Electric Corporation, NEC, QUALCOMM Europe, Sharp, Toshiba Corporation	5.1.3.2	Discussion/ Decision		1/25/2006	Noted
Yes	R1-060040	Adaptive Modulation and Channel Coding Rate Control for MIMO Transmission with Frequency Domain Scheduling in E-UTRA Downlink	NTT DoCoMo, Fujitsu, Mitsubishi Electric Corporation, NEC, Sharp, Toshiba Corporation	5.1.3.2	Discussion/ Decision		1/25/2006	Noted
Yes	R1-060041	Text Proposal on Cell Search in Evolved UTRA (1): Radio frame structure	NTT DoCoMo, Ericsson, Fujitsu, Mitsubishi Electric Corporation, Motorola, NEC, Sharp, Siemens	5.1.3.4	TP			Not treated
Yes	R1-060042	SCH Structure and Cell Search Method in E-UTRA Downlink	NTT DoCoMo, NEC, Sharp	5.1.3.4	Discussion/ Decision			Not treated
Yes	R1-060043	SCH Transmission and Cell Search Method for MIMO Transmission in E-UTRA Downlink	NTT DoCoMo, Mitsubishi Electric Corporation, NEC, Sharp	5.1.3.4	Discussion/ Decision			Not treated
Yes	R1-060044	UE Capabilities in E-UTRA Downlink	NTT DoCoMo	5.1.5	Discussion/ Decision			Not treated
Yes	R1-060045	16-Level Data Modulation in Uplink Single-carrier FDMA Radio Access	NTT DoCoMo, Fujitsu, Mitsubishi Electric Corporation, NEC, Sharp, Toshiba Corporation	5.2.2.1	Discussion/ Decision			Not treated
Yes	R1-060046	Orthogonal Pilot Channel Structure in E-UTRA Uplink	NTT DoCoMo, NEC, Sharp	5.2.2.2	Discussion/ Decision			Not treated
Yes	R1-060047	Random Access Transmission in E-UTRA Uplink	NTT DoCoMo, NEC, Sharp	5.2.3.1	Discussion/ Decision			Not treated
Yes	R1-060048	Channel-Dependent Packet Scheduling for Single-Carrier FDMA in E-UTRA Uplink	NTT DoCoMo, NEC, Sharp	5.2.3.2	Discussion/ Decision			Not treated
Yes	R1-060049	Text Proposal on Link Adaptation in E-UTRA Uplink	NTT DoCoMo, Fujitsu, NEC, Sharp	5.2.3.3	TP			Not treated
Yes	R1-060050	Text Proposal on Transmission Power Control in E-UTRA Uplink	NTT DoCoMo, Fujitsu, NEC, Sharp	5.2.3.4	TP			Not treated
Yes	R1-060051	Link adaptation in E-UTRA downlink	LG Electronics	5.1.3.2	Discussion/ Decision		1/25/2006	Noted

Yes	R1-060052	Downlink resource allocation in EUTRA	LG Electronics	5.1.2.4	Discussion/ Decision		1/24/2006	Noted
Yes	R1-060053	Further aspects of interference coordination	LG Electronics	5.1.3.5	Discussion/ Decision			Not treated
Yes	R1-060054	Multiplexing of MBMS and unicast transmission in E-UTRA downlink	LG Electronics	5.1.2.4	Discussion/ Decision			Not treated
Yes	R1-060055	Frequency mapping for physical channel symbols	NEC Group	5.1.2	Discussion/A pproval	R1-060247	1/23/2006	Revised in R1-060247
Yes	R1-060056	Physical channel mapping for uni-cast	NEC Group	5.1.2.4	Discussion/A pproval		1/23/2006	Noted
Yes	R1-060057	Scalable band width & Physical channel mapping for L1/L2 control channel	NEC Group, NTT DoCoMo	5.1.2.4	Discussion/A pproval			Not treated
Yes	R1-060058	Scalable bandwidth and UE capability	NEC Group	5.1.5	Discussion/A pproval			Not treated
Yes	R1-060059	Consideration on Uplink Pilot Design Using CAZAC Sequences	NEC Group	5.2.2.2	Discussion			Not treated
Yes	R1-060060	Performance of CAZAC pilot sequence for D-FDMA and L-FDMA with frequency hopping for EUTRA Uplink	NEC Group	5.2.2.2	Discussion			Not treated
Yes	R1-060061	LTE L1 related questions to RAN1 (To: RAN1)	RAN WG2, Samsung	4	Incoming LS	= R2-060144	1/23/2006	Noted, Do e-mail discussion until Denver meeting. (Siemens moderates).
Yes	R1-060062	LS on Clarifications on Layer 1- Layer 2 Interface (To: RAN1)	RAN WG2, Motorola	4	Incoming LS	= R2-060145	1/23/2006	Noted.
Yes	R1-060063	Unicast Pilot and Control Channel Multiplexing for EUTRA Downlink	Texas Instruments	5.1.2	Discussion/ Decision			Not treated
Yes	R1-060064	Multiplexing of UE Identities in the Shared Control Channel of EUTRA Downlink	Texas Instruments	5.1.2	Discussion/ Decision			Not treated
Yes	R1-060065	Impact of Sub-Band Size Selection on CQI Measurement Error and Downlink E-UTRA Throughput	Texas Instruments	5.1.2	Discussion/ Decision		1/24/2006	Noted
Yes	R1-060066	Shared Control Channel Performance with SFTD and Cell Edge Interference Coordination	Texas Instruments	5.1.2	Discussion/ Decision		1/23/2006	Noted
Yes	R1-060067	Performance of Inter-Cell Interference Mitigation with Semi-Static Frequency Planning for EUTRA Downlink	Texas Instruments	5.1.3.4	Discussion			Not treated
Yes	R1-060068	Text Proposal for Inter-cell Interference Mitigation for EUTRA	Texas Instruments	5.1.3.4	TP			Not treated
Yes	R1-060069	Text Proposal for Downlink CQI Reporting Timing for EUTRA	Texas Instruments	5.2.2.3	TP			Not treated
Yes	R1-060070	Text Proposal for Downlink Pilot Design for EUTRA	Texas Instruments	5.1.2.2	TP		1/23/2006	Noted
Yes	R1-060071	Aspects and Design of DL SYNC channel (SCH)	Texas Instruments	5.1.3.4	Discussion/ Decision			Not treated
Yes	R1-060072	Cell Search Scheme for EUTRA & TP	ETRI	5.1.3.4	TP			Not treated
Yes	R1-060073	Link Adaptation Considerations for Evolved UTRA Downlink	Samsung	5.1.3.2	Discussion			Not treated
Yes	R1-060074	Multiplexing of Broadcast and Unicast Traffic	Samsung	5.1.2	Discussion/ Decision			Not treated
Yes	R1-060075	LTE channel coding	Samsung	5.1.2.4	Discussion			Not treated
Yes	R1-060076	Adaptive modulation and channel coding rate	Samsung	5.1.3.2	Discussion/ Decision		1/25/2006	Noted
Yes	R1-060077	HARQ considerations	Samsung	5.1.3.3	Discussion/ Decision		1/25/2006	Noted
Yes	R1-060078	Pilot structure in E-UTRA downlink	Samsung	5.1.2.2	Discussion/ Decision		1/23/2006	Noted
Yes	R1-060079	Cell search and related physical channel mapping	Samsung	5.1.3.4	Discussion/ Decision			Not treated
No	R1-060080	Downlink UE bandwidth support capability	Samsung	5.1.5	Discussion/ Decision			Not treated
Yes	R1-060081	LFDMA and DFDMA multiplexing in evolved UTRA uplink	Samsung	5.2.2.4	Discussion/ Decision			Not treated

Yes	R1-060082	L1/L2 Control Signalling Multiplexing in Evolved UTRA Uplink	Samsung	5.2.2.3	Discussion/ Decision			Not treated
Yes	R1-060083	E-UTRA downlink scrambling	Ericsson	5.1.2	Discussion/ Decision	1/23/2006		Noted
Yes	R1-060084	E-UTRA downlink scrambling, text proposal	Ericsson	5.1.2	TP	1/23/2006		Noted
Yes	R1-060085	MBMS for E-UTRA	Ericsson	5.1.2	Discussion/ Decision			Not treated
Yes	R1-060086	Text proposal E-UTRA MBMS	Ericsson	5.1.2	TP			Not treated
Yes	R1-060087	E-UTRA downlink reference-signal structure	Ericsson	5.1.2.2	Discussion/ Decision	1/23/2006		Noted
Yes	R1-060088	E-UTRA downlink reference-signal structure, text proposal	Ericsson, NTT DoCoMo	5.1.2.2	TP	1/23/2006		Noted
Yes	R1-060089	E-UTRA downlink L1/L2 control signaling	Ericsson	5.1.2.3	Discussion/ Decision			Not treated
Yes	R1-060090	E-UTRA downlink L1/L2 control signaling, text proposal	Ericsson	5.1.2.3	TP			Not treated
Yes	R1-060091	Broadcast of E-UTRA System Information	Ericsson	5.1.2.3	Discussion/ Decision			Not treated
Yes	R1-060092	Paging for E-UTRA	Ericsson	5.1.2.3	Discussion/ Decision			Not treated
Yes	R1-060093	Text Proposal on E-UTRA Paging	Ericsson	5.1.2.3	TP			Not treated
Yes	R1-060094	Signaling of E-UTRA Scheduling Information	Ericsson	5.1.2.3	Discussion/ Decision			Not treated
Yes	R1-060095	E-UTRA DL - Localized and distributed transmission	Ericsson	5.1.2.4	Discussion/ Decision	1/24/2006		Noted
Yes	R1-060096	E-UTRA DL - Localized and distributed transmission, text proposal	Ericsson	5.1.2.4	TP			Not treated
Yes	R1-060097	E-UTRA DL multiplexing - Multiplexing of reference signals, L1/L2 control signaling, and shared channel	Ericsson	5.1.2.4	Discussion/ Decision			Not treated
Yes	R1-060098	Frequency Domain Scheduling for E-UTRA Downlink	Ericsson	5.1.3.1	Discussion/ Decision	1/24/2006		Noted
Yes	R1-060099	Persistent Scheduling for E-UTRA	Ericsson	5.1.3.1	Discussion/ Decision	1/24/2006		Noted
Yes	R1-060100	Text proposal on scheduling	Ericsson	5.1.3.1	TP	R1-060256		Revised in R1-060256
Yes	R1-060101	Link Adaptation for E-UTRA Downlink	Ericsson	5.1.3.2	Discussion/ Decision	1/25/2006		Noted
Yes	R1-060102	Link Adaptation for E-UTRA Downlink - Text Proposal for TR 25.814	Ericsson, NTT DoCoMo, Qualcomm, Mitsubishi, LG, Motorola, NEC, Fujitsu, Sharp, Toshiba, Intel	5.1.3.2	TP			Revised in R1-060261
Yes	R1-060103	Downlink Synchronous Hybrid ARQ Scheme	Ericsson	5.1.3.3	Discussion	1/25/2006		Noted
Yes	R1-060104	Text proposal on E-UTRA downlink hybrid ARQ	Ericsson	5.1.3.3	TP	1/25/2006		Noted
Yes	R1-060105	E-UTRA Cell Search	Ericsson	5.1.3.4	Discussion/ Decision			Not treated
Yes	R1-060106	Text proposal for Cell Search in Evolved UTRA	Ericsson, Motorola	5.1.3.4	TP			Not treated
Yes	R1-060107	Resource Block Size and CQI Reporting	Ericsson	5.1.4	Discussion	1/25/2006		Decided to include DCT in R1-060257
Yes	R1-060108	Transmission bandwidth less than 5 MHz for LTE radio access	Ericsson	5.1.5	Discussion	1/23/2006		Noted
Yes	R1-060109	Uplink Scrambling for E-UTRA	Ericsson	5.2.2	Discussion/ Decision			Not treated
Yes	R1-060110	Text proposal on UE-specific uplink scrambling	Ericsson, NTT DoCoMo	5.2.2	TP			Not treated
Yes	R1-060111	Uplink Control Signaling for E-UTRA	Ericsson	5.2.2.3	Discussion			Not treated
No	R1-060112	Text proposal on Uplink Control Signaling for E-UTRA	Ericsson	5.2.2.3	TP			Not Available
Yes	R1-060113	Further Consideration on Downlink Pilots for E-UTRA	ZTE	5.1.2.2	Discussion	1/23/2006		Noted

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