

Available	Tdoc Number	Title	Source	Agenda Item	Type	Revised to (from)	Treated Date	Conclusion/Decision
		3GPP TSG RAN Working Group 1 (Layer 1)						
		List of WG1 Temporary Documents						
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	= S2-063015	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	R1-060010	Sub-carrier mapping for distributed allocation for EUTRA-DL	Motorola	5-1.2.4	Discussion	R1-060245		Withdrawn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	R1-060261		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

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.