

		3GPP TSG RAN Working Group 1 (Layer 1)					
		List of WG1 Temporary Documents					
Available	Tdoc Number	Title	Source	Agenda Item	Type	Revised to (from)	Conclusion/Decision
Yes	R1-073895	Draft Agenda for RAN1#50b meeting	RAN1 Chairman	2	Decision		Approved
Yes	R1-073896	Draft report of RAN1#50 meeting	MCC Support	3	Approval		Approved
Yes	R1-073897	LS on eNodeB measurements	RAN3, Nokia Siemens Networks	4	LS_in	= R3-071730	Noted
Yes	R1-073898	SSCH Mapping to Group ID and Frame Timing	Marvell Semiconductor	6.2.6	Discussion	R1-074485	Revised
Yes	R1-073899	Response to LS on neighbour cell list in LTE	GERAN, Nokia Siemens Networks	4	LS_in	= GP-071552	Noted
Yes	R1-073900	LS on high quality criterion	RAN2, Nokia	4	LS_in	= R2-073852	Noted
Yes	R1-073901	LS on introduction of radio bearers for MBMS PTP on HS in 34.108	RAN5, Ericsson	4	LS_in	= R5-072580	Noted
Yes	R1-073902	LTE Home NodeB mobility	RAN3, Vodafone	4	LS_in	= R3-071751	Noted
Yes	R1-073903	Response LS on receiver Performance and Enhanced CELL_FACH state	RAN4, Ericsson	4	LS_in	= R4-071486	Noted
Yes	R1-073904	Response to LS on Synchronization in Radio Access Networks	RAN3, Orange	4	LS_in	= R3-071745	Noted
Yes	R1-073905	Handover and Cell Reselection Interruption time	RAN4, Nokia Siemens Networks	4	LS_in	= R4-071451	Noted
Yes	R1-073906	Final details on CDD precoding	Qualcomm Europe	6.2	Discussion/Decision		Not treated
Yes	R1-073907	UL control details for TDD	Qualcomm Europe	6.2.4	Discussion/Decision		Not treated
Yes	R1-073908	Calibration procedures for TDD beamforming	Qualcomm Europe	6.4.5	Discussion/Decision		Not treated
Yes	R1-073909	RS structure for MBSFN subframes	Qualcomm Europe	6.2.1	Discussion/Decision		Not treated
Yes	R1-073910	CGS sequences for UL RS	Qualcomm Europe	6.2.2	Discussion/Decision		Not treated
Yes	R1-073911	SRS multiplexing structure	Qualcomm Europe	6.2.2	Discussion/Decision		Not treated
Yes	R1-073912	Hopping of UL DM-RS	Qualcomm Europe	6.2.2	Discussion/Decision		Not treated
Yes	R1-073913	PDCCH formats and contents	Qualcomm Europe	6.2.3	Discussion/Decision		Not treated
Yes	R1-073914	DL Control channel span	Qualcomm Europe	6.2.3	Discussion/Decision		Noted
Yes	R1-073915	Details on DL resource allocation	Qualcomm Europe	6.2.3	Discussion/Decision		Not treated
Yes	R1-073916	On the size of the CCE	Qualcomm Europe	6.2.3	Discussion/Decision		Not treated
Yes	R1-073917	PHICH details	Qualcomm Europe	6.2.3	Discussion/Decision		Not treated
Yes	R1-073918	Issues with SU-1 transmissions	Qualcomm Europe	6.2.3	Discussion/Decision		Not treated
Yes	R1-073919	D-BCH capacity	Qualcomm Europe	6.2.3	Discussion/Decision		Not treated
Yes	R1-073920	Joint coding of CQI and ACK	Qualcomm Europe	6.2.4	Discussion/Decision		Not treated
Yes	R1-073921	Support of ACK repetition in the UL of E-UTRA	Qualcomm Europe	6.2.4	Discussion/Decision		Not treated
Yes	R1-073922	PDSCH distributed transmissions	Qualcomm Europe	6.2.5	Discussion/Decision		Noted

Yes	R1-073923	UL hopping for frequency diverse scheduling	Qualcomm Europe	6.2.5	Discussion/D ecision		Not treated
Yes	R1-073924	Scrambling of SSC	Qualcomm Europe	6.2.6	Discussion/D ecision		Not treated
Yes	R1-073925	Details for SSC specification	Qualcomm Europe	6.2.6	Discussion/D ecision		Not treated
Yes	R1-073926	Details of control and data multiplexing in PUSCH	Qualcomm Europe	6.3	Discussion/D ecision		Not treated
Yes	R1-073927	RE mapping for PDSCH and PUSCH	Qualcomm Europe	6.3	Discussion/D ecision		Not treated
Yes	R1-073928	Details on CQI format	Qualcomm Europe	6.4.5	Discussion/D ecision		Not treated
Yes	R1-073929	Details on scheduling requests	Qualcomm Europe	6.4.6	Discussion/D ecision		Not treated
Yes	R1-073930	Details on UL Power Control	Qualcomm Europe	6.4.2	Discussion/D ecision		Noted
Yes	R1-073931	Enhanced CQI Feedback with Reduced Overhead for E-UTRA	Icera Semiconductor	6.4.5	Discussion/D ecision		Noted
Yes	R1-073932	UL Sounding RS Control Signaling for Antenna Selection	Mitsubishi Electric	6.2.2	Discussion/D ecision		Not treated
Yes	R1-073933	Selection of CQI reporting scheme	Mitsubishi Electric	6.2.4	Discussion/D ecision		Noted
Yes	R1-073934	Uplink Reference Signal Sequence Allocation	Toshiba	6.2.2	Discussion/D ecision		Not treated
Yes	R1-073935	CAZAC sequence allocation for PUCCH	Toshiba	6.2.4	Discussion		Not treated
Yes	R1-073936	Evaluation of Delta CQI Scheme	Alcatel-Lucent	6.4.5	Discussion		Not treated
Yes	R1-073937	Comparison Aspects of Fixed and Adaptive Beamforming for LTE Downlink	Alcatel-Lucent	6.2	Discussion		Not treated
Yes	R1-073938	Design of Non-CAZAC CG Sequences for Small RB Allocations in E-UTRA UL	SHARP	6.2.2	Discussion/D ecision		Not treated
Yes	R1-073939	A Proposed Way Forward for Selection of UL DM RS CG Sequences for Small RB Allocations in E-UTRA UL	SHARP	6.2.2	Discussion/D ecision		Not treated
Yes	R1-073940	Proposal of location of PHICH and CCE	SHARP	6.2.3	Discussion/D ecision		Not treated
Yes	R1-073941	Improved Flexibility/Performance CQI+ACK/NACK coding in the E-UTRA uplink	SHARP	6.2.4	Discussion/D ecision	R1-074493	Revised
Yes	R1-073942	Different target quality for rank	SHARP	6.2.4	Discussion/D ecision		Not treated
Yes	R1-073943	Proposed Scrambling sequences for S-SCH with embedded frame timing derivation	SHARP	6.2.6	Discussion/D ecision		Not treated
Yes	R1-073944	System information mapping for the SSC	SHARP	6.2.6	Discussion/D ecision		Not treated
Yes	R1-073945	Adaptive Best-M Based Scheme for CQI Reporting in the LTE UL	SHARP	6.4.5	Discussion/D ecision		Noted
Yes	R1-073946	Proposal for the expression of sub band position for Best-M based CQI reporting	SHARP	6.4.5	Discussion/D ecision		Not treated
Yes	R1-073947	Consideration of CQI, PMI, and rank report feedback interval	SHARP	6.4.5	Discussion/D ecision		Not treated
Yes	R1-073948	Transmission mechanism for CQI reporting	SHARP	6.4.5	Discussion/D ecision		Not treated
Yes	R1-073949	Proposal for CQI feedback reconfiguration	SHARP	6.4.5	Discussion/D ecision		Not treated
Yes	R1-073950	25.213 CR091 (Rel-7, F) "Editorial changes in 25.213 for 16QAM specification"	Ericsson	5	CR	R1-074455	Revised
Yes	R1-073951	On downlink sync criteria in case of UE DTX/DRX	Ericsson	5	Discussion/D ecision		Noted

Yes	R1-073952	Clarification of UE measurements in case of Rx diversity	Ericsson	5	Discussion/D ecision		Noted
Yes	R1-073953	CQI for the combination of MIMO and 64QAM	Ericsson	7	Discussion/D ecision		Noted
Yes	R1-073954	Enhanced Uplink for CELL_FACH	Ericsson	8	Discussion/D ecision		Noted
Yes	R1-073955	RS Structure for Short CP MBSFN	Nortel	6.2.1	Discussion/D ecision		Not treated
Yes	R1-073956	Further Discussion on RS Structure Supporting Spatial Multiplexing for MBSFN	Nortel	6.2.1	Discussion/D ecision		Not treated
Yes	R1-073957	RE Mapping of SFBC+FSTD Based TxD for RS Power boosting	Nortel	6.2.1	Discussion/D ecision		Not treated
Yes	R1-073958	Link Level Evaluation on Adaptive Beamforming	Nortel	6.2.1	Discussion/D ecision		Not treated
Yes	R1-073959	TxD gain for correlated 8 Tx antennas	Nortel	6.2.1	Discussion/D ecision		Not treated
Yes	R1-073960	UL RS for UL MU-MIMO	Nortel	6.2.2	Discussion/D ecision		Not treated
Yes	R1-073961	Spread factor for 4 Tx PHICH	Nortel	6.2.3	Discussion/D ecision		Noted
Yes	R1-073962	Further discussion on DL/UL signaling channel supporting rank adaptation for high mobility UE	Nortel	6.2.4	Discussion/D ecision		Not treated
Yes	R1-073963	On the need of Nd=3 for the diversity VRB mapping	Nortel	6.2.5	Discussion/D ecision		Not treated
Yes	R1-073964	UL RB hopping for PUSCH	Nortel	6.2.5	Discussion/D ecision		Not treated
Yes	R1-073965	Scrambling code design for SSCH	Nortel	6.2.6	Discussion/D ecision		Not treated
Yes	R1-073966	Short Sequences for S-SCH	Nortel	6.2.6	Discussion/D ecision		Not treated
Yes	R1-073967	MCS selection for LTE	Nortel	6.3	Discussion/D ecision		Not treated
Yes	R1-073968	UL Power Control with Fractional Frequency Reuse for E-UTRA	Nortel	6.4.2	Discussion/D ecision		Not treated
Yes	R1-073969	Discussion on the DL interference coordination	Nortel	6.4.3	Discussion/D ecision		Not treated
Yes	R1-073970	Discussion on the Improvement of the Blind Detection of the antenna configuration	Nortel	6.4.5	Discussion/D ecision		Not treated
Yes	R1-073971	Discussion on Rank Adaptation Based on Shadowing for High Speed UEs	Nortel	6.4.5	Discussion/D ecision		Not treated
Yes	R1-073972	Further discussion on rank adaptation for high speed UE	Nortel	6.4.5	Discussion/D ecision		Not treated
Yes	R1-073973	System level simulation of adaptive MIMO for high speed UE	Nortel	6.4.5	Discussion/D ecision		Not treated
Yes	R1-073974	Performance evaluation of CL MIMO performance under different UE speed	Nortel	6.4.5	Discussion/D ecision		Not treated
Yes	R1-073975	Evaluation of Spatial Multiplexing for MBSFN including Line of Sight Considerations	Nortel	6.4.5	Discussion/D ecision		Not treated
Yes	R1-073976	Update on HARQ performance enhancement	Nortel	6.4.5	Discussion/D ecision		Not treated
Yes	R1-073977	Rank-1 and Rank-2 Transmission for High Mobility UE	Nortel	6.4.5	Discussion/D ecision		Not treated
Yes	R1-073978	MIMO feedback channel design (PMI, CQI and rank)	Nortel	6.4.5	Discussion/D ecision		Not treated
Yes	R1-073979	Further discussion on UL closed-loop adaptive antenna switching	Nortel	6.4.6	Discussion/D ecision		Noted

Yes	R1-073980	On Support of 2x2 MIMO for Class 1 UE	Nortel	6.6	Discussion/D ecision		Noted
Yes	R1-073981	BCH/SCH Transmission for Odd number of RB	Motorola, Nokia, Nokia Siemens Network	6.2.3	Discussion/D ecision		Noted
Yes	R1-073982	4x2 MIMO vs Beamforming Performance	Motorola	6.2.1	Discussion/D ecision		Not treated
No	R1-073983	Beamforming for E-UTRA	Motorola	6.2.1	Discussion/D ecision		Missing
Yes	R1-073984	Dedicated Reference Signals for Beamforming	Motorola	6.2.1	Discussion/D ecision		Not treated
Yes	R1-073985	Proposal for UL DM RS for 1 and 2 RB Allocation	Motorola	6.2.2	Discussion/D ecision		Not treated
Yes	R1-073986	Evaluation of Proposals for UL DM RS for 1 and 2 RB Allocation	Motorola	6.2.2	Discussion/D ecision		Not treated
Yes	R1-073987	Multiplexing of SRS and PUSCH	Motorola	6.2.2	Discussion/D ecision		Not treated
Yes	R1-073988	Views on Remaining Issues on UL DM RS	Motorola	6.2.2	Discussion/D ecision		Not treated
Yes	R1-073989	Views on Remaining Issues on UL SRS	Motorola	6.2.2	Discussion/D ecision		Not treated
Yes	R1-073990	Support of Precoding for E-UTRA DL L1/L2 Control Channel	Motorola	6.2.3	Discussion/D ecision		Not treated
Yes	R1-073991	Requirement for DL PMI Signaling	Motorola	6.2.3	Discussion/D ecision		Not treated
Yes	R1-073992	PHICH Transmission for 1 Tx Antenna	Motorola	6.2.3	Discussion/D ecision		Not treated
Yes	R1-073993	PCFICH Transmission for 1 Tx Antenna	Motorola	6.2.3	Discussion/D ecision		Not treated
Yes	R1-073994	Interleaver design for Mini-CCE to RE Mapping	Motorola	6.2.3	Discussion/D ecision	R1-074488	Revised
Yes	R1-073995	Downlink Resource Allocation Mapping for E-UTRA	Motorola	6.2.3	Discussion/D ecision		Not treated
Yes	R1-073996	Search Space definition for L1/L2 Control Channels	Motorola	6.2.3	Discussion/D ecision		Not treated
Yes	R1-073997	E-UTRA Downlink L1/L2 Control Channel Configurations	Motorola	6.2.3	Discussion/D ecision		Not treated
Yes	R1-073998	Efficient Structure for Aggregating 12[3]48 Downlink Control Channel Elements	Motorola	6.2.3	Discussion/D ecision		Not treated
Yes	R1-073999	PDCCH Formats for DL Scheduling Assignments	Motorola	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074000	PDCCH Formats for UL Scheduling Grants	Motorola	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074001	PMI Downlink Signaling for E-UTRA	Motorola	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074002	MU-MIMO PHICH Assignment	Motorola	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074003	LTE Control channel configuration signaling and DRX	Motorola	6.2.3	Discussion/D ecision		Not treated
No	R1-074004	HARQ Process Identity for SU-MIMO	Motorola	6.2.3	Discussion/D ecision		Missing
No	R1-074005	HARQ Error Conditions for Lost Grants	Motorola	6.2.3	Discussion/D ecision		Missing
Yes	R1-074006	Transport Block and MCS mapping for RB Allocation	Motorola	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074007	PUCCH Transmission with SRS	Motorola	6.2.4	Discussion/D ecision		Not treated

Yes	R1-074008	UL ACK/NACK Resource Provisioning	Motorola	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074009	UL ACK/NACK Implicit Mapping	Motorola	6.2.4	Discussion/D ecision		Noted
Yes	R1-074010	Uplink transmission of CQI and Ack/Nack	Motorola	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074011	Repetition of UL ACK/NACK on PUCCH	Motorola	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074012	Scheduling Request Mechanism for EUTRA Uplink	Motorola	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074013	CQI Coding Schemes	Motorola	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074014	Multiplexing of Ack/Nack and data for UL	Motorola	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074015	Persistent Scheduling of PUCCH resources	Motorola	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074016	Uplink Control Signaling with Persistent Scheduling	Motorola	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074017	DL Distributed Transmission for Nd=3	Motorola	6.2.5	Discussion/D ecision		Not treated
Yes	R1-074018	A simple example of dynamic DVRB signaling	Motorola	6.2.5	Discussion/D ecision		Not treated
Yes	R1-074019	Downlink DVRB email reflector summary	Motorola	6.2.5	Discussion/D ecision		Noted
Yes	R1-074020	UL Resource Allocation for Frequency-diverse (hopping) Allocations	Motorola	6.2.5	Discussion/D ecision		Not treated
Yes	R1-074021	Uplink SCH Hopping Configuration email reflector summary	Motorola	6.2.5	Discussion/D ecision		Noted
Yes	R1-074022	Cell Search E-mail Reflector Summary	Motorola	6.2.6	Discussion/D ecision		Noted
Yes	R1-074023	Optimisation of P-SCH Indices for Synchronous Network Operation	Motorola, Nokia, Nokia Siemens Network	6.2.6	Discussion/D ecision		Not treated
Yes	R1-074024	Evaluation of Scrambling Methods for S-SCH	Motorola	6.2.6	Discussion/D ecision		Not treated
Yes	R1-074025	Indication of Frame Boundary Using S-SCH	Motorola	6.2.6	Discussion/D ecision		Not treated
Yes	R1-074026	Random Access E-mail Reflector Summary	Motorola	6.2.7	Discussion/D ecision		Noted
Yes	R1-074027	RACH Slot Configurations for FS1	Motorola	6.2.7	Discussion/D ecision		Not treated
Yes	R1-074028	RACH for 1.4MHz System Bandwidth	Motorola	6.2.7	Discussion/D ecision		Not treated
Yes	R1-074029	Comparison of Different Proposals for Ncs	Motorola	6.2.7	Discussion/D ecision		Not treated
Yes	R1-074030	Physical Channel Segmentation Considering Multiple Antennas	Motorola	6.3	Discussion/D ecision		Noted
Yes	R1-074031	RV definition	Motorola	6.3	Discussion/D ecision		Not treated
Yes	R1-074032	On supporting 1st stage turbo code rate matching	Motorola	6.3	Discussion/D ecision		Not treated
Yes	R1-074033	Soft Buffer size per HARQ Process	Motorola	6.3	Discussion/D ecision		Not treated
Yes	R1-074034	Bit Scrambling Per Code Block	Motorola	6.3	Discussion/D ecision		Not treated
Yes	R1-074035	Timing and HARQ	Motorola	6.4.1	Discussion/D ecision		Not treated

No	R1-074036	Timing at HARQ for HD-FDD	Motorola	6.4.1	Discussion/D ecision		Withdrawn
Yes	R1-074037	Sounding Reference Signal Power Setting	Motorola	6.4.2	Discussion/D ecision		Not treated
Yes	R1-074038	Path loss and power headroom report for uplink power control	Motorola	6.4.2	Discussion/D ecision		Noted
Yes	R1-074039	Power setting for persistent scheduled PUSCH	Motorola	6.4.2	Discussion/D ecision		Noted
Yes	R1-074040	EPRE Downlink Requirements	Motorola	6.4.2	Discussion/D ecision		Not treated
Yes	R1-074041	UE Transmit Power Adjustment for LTE	Motorola	6.4.2	Discussion/D ecision		Noted
Yes	R1-074042	Uplink Inter-Cell Power Control: X2 Messages	Motorola	6.4.3	Discussion/D ecision		Not treated
Yes	R1-074043	CQI Feedback Schemes for E-UTRA	Motorola	6.4.5	Discussion/D ecision		Not treated
Yes	R1-074044	Performance of CQI Feedback Schemes	Motorola	6.4.5	Discussion/D ecision		Not treated
Yes	R1-074045	Joint feedback for E-UTRA downlink precoding and CQI	Motorola	6.4.5	Discussion/D ecision		Not treated
Yes	R1-074046	MU-MIMO for E-UTRA	Motorola	6.4.5	Discussion/D ecision		Not treated
Yes	R1-074047	Way Forward for CQI Reporting	Motorola	6.4.5	Discussion/D ecision		Noted
Yes	R1-074048	Further comments on UE capabilities and Soft Memory Size	Motorola	6.6	Discussion/D ecision		Noted
Yes	R1-074049	Analysis of Enhancement to CELL_FACH State for 1.28Mcps TDD	ZTE	10	Discussion/D ecision		Noted
Yes	R1-074050	Analysis of Continuous Packet Connectivity for 1.28Mcps TDD	ZTE	10	Discussion/D ecision		Noted
Yes	R1-074051	64QAM Simulation Results for 1.28Mcps TDD HSDPA	ZTE	10	Discussion/D ecision		Noted
Yes	R1-074052	Comparison of S-SCH mapping Methods	ETRI	6.2.6	Discussion/D ecision		Not treated
Yes	R1-074053	S-SCH Scrambling Methods	ETRI	6.2.6	Discussion/D ecision		Not treated
Yes	R1-074054	Cell Throughput Comparison for 2x2 MIMO: PARC, S-PARC and D-TxAA	TD-Tech	10	Discussion/D ecision		Noted
Yes	R1-074055	25.224 CR0170 (Rel-7,) "EUL power control improvements for 1.28Mcps TDD"	TD-Tech	5	CR		Noted and postponed to next meeting
Yes	R1-074056	More improvement requirements on dedicated carrier for LCR TDD MBMS	CMCC	5	Discussion/D ecision		Noted
Yes	R1-074057	Sequence Grouping Method for UL RS	Huawei	6.2.2	Discussion/D ecision		Not treated
Yes	R1-074058	Resource-specific cyclic shift hopping	Huawei,ZTE	6.2.2	Discussion/D ecision		Not treated
Yes	R1-074059	Control Signaling of MBMS Single-Cell Transmission	Huawei	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074060	UL index in UL schedule grant for LTE TDD	Huawei	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074061	Multiplexing of scheduling request indicator	Huawei	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074062	PUCCH channel structure of TDD FS 2	Huawei	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074063	Relation between UL ACK/NACK and DL CCE	Huawei	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074064	Summary of email discussion on LTE MIMO	Samsung	6	Discussion		Noted

Yes	R1-074065	Power Scaling and DL RS boosting	Samsung	6.2.1	Discussion/D ecision	R1-074450	Not treated
Yes	R1-074066	Summary of Reflector Discussions on EUTRA DL RS	Samsung	6.2.1	Discussion		Noted
Yes	R1-074067	Downlink reference signal structure for TDD frame structure type 2	Samsung	6.2.1	Discussion/D ecision		Not treated
Yes	R1-074068	Summary of Reflector Discussions on EUTRA UL RS	Samsung	6.2.2	Discussion		Noted
Yes	R1-074069	Sounding RS Multiplexing in E-UTRA UL – Interaction with PUCCH	Samsung	6.2.2	Discussion/D ecision		Not treated
Yes	R1-074070	Link Adaptation Using DM RS for UL VoIP Transmissions	Samsung	6.2.2	Discussion/D ecision		Not treated
Yes	R1-074071	Downlink Link Adaptation and Related Control Signaling	Samsung	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074072	Downlink PMI indication for SU-MIMO	Samsung	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074073	PHICH linking to downlink CCE	Samsung	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074074	Downlink ACK/NACK Transmit Diversity	Samsung	6.2.3	Discussion/D ecision	R1-074483	Revised
Yes	R1-074075	Further Considerations of CDD Precoding for High-speed UEs	Samsung	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074076	Subset selection for precoding	Samsung	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074077	PHICH structure in MBSFN subframes	Samsung	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074078	Configuration of PDCCH Monitoring Set	Samsung	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074079	Comparison of Downlink Resource Allocation Indication Schemes	Samsung	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074080	PHICH/PDCCH to RE mapping	Samsung	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074081	Interpretation of CCFI for EUTRA TDD	Samsung	6.2.3	Discussion/D ecision		Noted
Yes	R1-074082	Short UL Grant Size in E-UTRA	Samsung	6.2.3	Discussion/D ecision		Not treated
No	R1-074083	Support of Re-Transmissions for Persistent Scheduling in E-UTRA UL	Samsung	6.2.3	Discussion/D ecision		Missing
Yes	R1-074084	Transmission of Scheduling Units in E-UTRA DL	Samsung	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074085	CCFI to RE Mapping for One Transmitter Antenna	Samsung	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074086	CCFI to RE mapping for multiple TX antennas	Samsung	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074087	SU-MIMO PMI feedback and Compression	Samsung	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074088	CQI Reporting for MU-MIMO	Samsung	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074089	Performance of single CQI feedback for 2CW SU-MIMO	Samsung	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074090	Uplink CQI report format	Samsung	6.2.4	Discussion/D ecision		Noted
Yes	R1-074091	Selection of orthogonal cover Walsh codes for high speed UL ACK/NACK channels	Samsung	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074092	Slot-level UL ACK/NACK Cyclic Shift/Orthogonal Cover Remapping	Samsung	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074093	Simultaneous UE transmission of UL ACK/NAK and CQI	Samsung	6.2.4	Discussion/D ecision		Not treated

Yes	R1-074094	Cyclic shift and orthogonal cover allocations for UL ACK/NACK	Samsung	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074095	UL ACK/NACK resource indication for DL persistent scheduling	Samsung	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074096	UL RB mapping and slot level re-mapping for ACK/NACK and CQI	Samsung	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074097	Multiplexing CQI and ACK/NAK Transmission in E-UTRA UL	Samsung	6.2.4	Discussion/D ecision		Noted
Yes	R1-074098	ACK/NAK Repetitions in E-UTRA UL	Samsung	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074099	UL LFDMA with hopping in PUSCH	Samsung	6.2.5	Discussion/D ecision		Not treated
Yes	R1-074100	Uplink time domain hopping for E-UTRA TDD	Samsung	6.2.5	Discussion/D ecision		Not treated
Yes	R1-074101	Cyclic Shift Restrictions for RACH in Small, Medium and Large Cells	Samsung	6.2.7	Discussion/D ecision		Not treated
Yes	R1-074102	Determination of the Cyclic Shift Amount, Ncs	Samsung	6.2.7	Discussion/D ecision		Not treated
Yes	R1-074103	Performance of orthogonal Hybrid ARQ for multi-user MIMO in E-UTRA uplink	Samsung	6.3	Discussion/D ecision		Not treated
Yes	R1-074104	Redundancy Version (RV) Definition for Turbo code Rate Matching	Samsung	6.3	Discussion/D ecision		Not treated
Yes	R1-074105	TB CRC generator polynomial	Samsung	6.3	Discussion/D ecision	R1-074473	Revised
Yes	R1-074106	RV starting point in UL HARQ	Samsung	6.3	Discussion/D ecision		Not treated
No	R1-074107	UL code symbol interleaver	Samsung	6.3	Discussion/D ecision		Missing
Yes	R1-074108	HARQ symbol to RE mapping	Samsung	6.3	Discussion/D ecision		Not treated
Yes	R1-074109	Radio link monitoring for E-UTRA	Samsung	6.4.1	Discussion/D ecision		Noted
Yes	R1-074110	Improving cell-edge performance by Inter-Cell Interference Coordination	Samsung	6.4.3	Discussion/D ecision		Withdrawn
Yes	R1-074111	More physical layer improvements on dedicated carrier for 1.28 Mcps TDD MBMS	CMCC, RITT, TD Tech, ZTE, Spreadtrum Communications, CATT	5	Discussion		Noted
Yes	R1-074112	25.201 CR037 (Rel-7,) More improvement on dedicated carrier for 1.28 Mcps TDD MBMS	CMCC, RITT, CATT,TD Tech, ZTE, Spreadtrum Communications	5	CR		Postponed to next meeting
Yes	R1-074113	25.221 CR148 (Rel-7,) More improvement on dedicated carrier for 1.28 Mcps TDD MBMS	CMCC, RITT, CATT,TD Tech, ZTE, Spreadtrum Communications	5	CR		Postponed to next meeting
Yes	R1-074114	25.222 CR141 (Rel-7,) More improvement on dedicated carrier for 1.28 Mcps TDD MBMS	CMCC, RITT, CATT,TD Tech, ZTE, Spreadtrum Communications	5	CR		Postponed to next meeting
Yes	R1-074115	25.223 CR049 (Rel-7,) More improvement on dedicated carrier for 1.28 Mcps TDD MBMS	CMCC, RITT, CATT,TD Tech, ZTE, Spreadtrum Communications	5	CR		Postponed to next meeting
Yes	R1-074116	25.224 CR171 (Rel-7,) More improvement on dedicated carrier for 1.28 Mcps TDD MBMS	CMCC, RITT, CATT,TD Tech, ZTE, Spreadtrum Communications	5	CR		Postponed to next meeting
Yes	R1-074117	Analysis of UE capabilities in 1.28 Mcps TDD MBSFN	CMCC, RITT, CATT,TD Tech, ZTE, Spreadtrum Communications	5	Discussion/D ecision		Noted and postponed to next meeting
Yes	R1-074118	Combining Period interrupted by a DTX gap	Qualcomm Europe	5	Discussion/D ecision	R1-074456	Revised

Yes	R1-074119	25.214 CR463 (Rel-7, F) Timing of CQI vs DTX priority change - Rel 7	Qualcomm Europe	5	CR		Agreed
No	R1-074120	25.214 CR464 (Rel-8,) Timing of CQI vs DTX priority change - Rel 8	Qualcomm Europe	5	CR		Withdrawn
Yes	R1-074121	25.214 CR465 (Rel-7, F) Grant Monitoring clarification - Rel 7	Qualcomm Europe	5	CR		Agreed
No	R1-074122	25.214 CR466 (Rel-8,) Grant Monitoring clarification - Rel 8	Qualcomm Europe	5	CR		Withdrawn
Yes	R1-074123	E-DPCCH transmission in compressed frames	Qualcomm Europe	5	Discussion/D ecision		Noted
No	R1-074124	CQI tables for MIMO + 64QAM	Qualcomm Europe	7	Discussion/D ecision		Withdrawn
No	R1-074125	HS-SCCH signaling for MIMO + 64QAM	Qualcomm Europe	7	Discussion/D ecision		Withdrawn
Yes	R1-074126	L1/L2 aspects for enhanced UL for CELL_FACH	Qualcomm Europe	8	Discussion/D ecision		Noted
Yes	R1-074127	Link analysis of HS-RACH	Qualcomm Europe	8	Discussion/D ecision		Noted
Yes	R1-074128	Considerations for operation of sync E-DCH	Qualcomm Europe	9	Discussion/D ecision		Noted
Yes	R1-074129	Link analysis of sync E-DCH	Qualcomm Europe	9	Discussion/D ecision		Noted
Yes	R1-074130	Design of of CG Sequences for Small RB Allocations in E-UTRA UL	Texas Instruments	6.2.2	Discussion/D ecision		Not treated
Yes	R1-074131	Comparison of Computer-Generated Sequence Proposals for UL DM RS	Texas Instruments	6.2.2	Discussion/D ecision	R1-074443	Revised
Yes	R1-074132	Uplink Reference Signal Sequence Assignments in E-UTRA	Texas Instruments	6.2.2	Discussion/D ecision		Not treated
Yes	R1-074133	Interference between Sounding Reference Signal and Random Access Preamble	Texas Instruments	6.2.2	Discussion/D ecision		Not treated
Yes	R1-074134	Uplink Reference Signals in Support of High-Speed UEs	Texas Instruments	6.2.2	Discussion/D ecision		Not treated
Yes	R1-074135	Sufficient Number of Sequences for PUSCH with Proposed High-Speed UE RS Structure	Texas Instruments	6.2.2	Discussion/D ecision		Not treated
Yes	R1-074136	Choice of CRC Length for PDCCH	Texas Instruments, Nokia, Nokia Siemens Networks	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074137	Consideration of Supportable TF for E-UTRA DL	Texas Instruments	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074138	Separate Rank and CQI Feedback in PUCCH	Texas Instruments	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074139	Simultaneous ACK/NAK and SR Transmission in Uplink	Texas Instruments	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074140	ACK/NAK Performance in PUCCH with Timing Offset and Near-Far Effect	Texas Instruments	6.2.4	Discussion/D ecision	R1-074487	Revised
Yes	R1-074141	Simultaneous CQI and ACK/NAK Transmission in Uplink	Texas Instruments	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074142	Sounding Reference Signal In Support of Scheduling Request in E-UTRA	Texas Instruments	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074143	Secondary SCH Mapping and Scrambling	Texas Instruments	6.2.6	Discussion/D ecision		Not treated
Yes	R1-074144	Random Access Slot Configurations	Texas Instruments	6.2.7	Discussion/D ecision		Not treated
Yes	R1-074145	Sequence ordering for PRACH in E-UTRA	Texas Instruments, LG Electronics, Huawei	6.2.7	Discussion/D ecision		Not treated
Yes	R1-074146	Comparison of Hybrid methods for PRACH sequence ordering	Texas Instruments	6.2.7	Discussion/D ecision		Not treated
Yes	R1-074147	Cyclic Shift Values for E-UTRA PRACH	Texas Instruments, LG Electronics	6.2.7	Discussion/D ecision		Noted
Yes	R1-074148	Cyclic Shift Configuration and Sequence Ordering in Support of High-Speed Random Access	Texas Instruments	6.2.7	Discussion/D ecision		Not treated

Yes	R1-074149	Design Aspects of UE Feedback	Texas Instruments	6.4.5	Discussion/Decision		Not treated
Yes	R1-074150	Rank and PMI Feedback Rate – Analysis	Texas Instruments	6.4.5	Discussion/Decision		Not treated
Yes	R1-074151	CQI/PMI Feedback Rate – System Simulation	Texas Instruments	6.4.5	Discussion/Decision		Not treated
Yes	R1-074152	Rank Feedback Rate – System Simulation	Texas Instruments	6.4.5	Discussion/Decision		Not treated
Yes	R1-074153	CQI Feedback Reduction Scheme for E-UTRA	Texas Instruments	6.4.5	Discussion/Decision		Noted
Yes	R1-074154	Cell-specific Mapping of VRBs to PRBs for Downlink Distributed Transmission	NEC Group	6.2.5	Discussion/Decision		Not treated
Yes	R1-074155	DL Distributed Resource Signalling for EUTRA	NEC Group	6.2.5	Discussion/Decision		Not treated
Yes	R1-074156	Performance Evaluation of FH Schemes for EUTRA Uplink	NEC Group	6.2.5	Discussion/Decision		Not treated
Yes	R1-074157	Frequency Hopping Pattern for EUTRA Uplink	NEC Group	6.2.5	Discussion/Decision		Not treated
Yes	R1-074158	Way forward on DL power control	NEC Group	6.4.2	Discussion/Decision	R1-074479	Revised
Yes	R1-074159	CQI, PMI and rank reporting issues for EUTRA	NEC Group	6.4.5	Discussion/Decision		Not treated
Yes	R1-074160	DL Control Channel Structure: CCE Aggregation and Blind Detections	NEC Group	6.2.3	Discussion/Decision		Not treated
Yes	R1-074161	Compact DL Assignment and its Resource Allocation Signalling	NEC Group	6.2.3	Discussion/Decision		Not treated
Yes	R1-074162	DL Unicast Resource Allocation Signalling using L1L2 control channels	NEC Group	6.2.3	Discussion/Decision		Not treated
Yes	R1-074163	Downlink ACK/NACK signalling for E-UTRA	NEC Group	6.2.3	Discussion/Decision		Not treated
Yes	R1-074164	DL Multiplexing for Persistent and Dynamic scheduling	NEC Group	6.2.3	Discussion/Decision		Not treated
Yes	R1-074165	Control channel format for DBCH, PCH and RACH response	NEC, Nokia, Nokia Siemens Networks, Motorola	6.2.3	Discussion/Decision		Not treated
Yes	R1-074166	Low overhead PDCCH format for BCCH, PCH, RACH response	NEC Group	6.2.3	Discussion/Decision		Not treated
Yes	R1-074167	Control Channel Multiplexing	NEC Group	6.2.3	Discussion/Decision		Not treated
Yes	R1-074168	CQI + ACK/NACK transmission in PUCCH	NEC Group	6.2.4	Discussion/Decision		Not treated
Yes	R1-074169	PUCCH allocation for ACK/NACK transmission	NEC Group	6.2.4	Discussion/Decision		Not treated
Yes	R1-074170	Detail of ACK/NACK and CQI transmission without data transmission	NEC Group	6.2.4	Discussion/Decision		Not treated
Yes	R1-074171	Summary of Reflector Discussions on TDD FS1: Framing allocations	IPWireless, NextWave Wireless	6.2	Decision		Not treated
Yes	R1-074172	Summary of Reflector Discussions on TDD FS1: RACH Timing	IPWireless, NextWave Wireless	6.4.4	Decision		Postponed to next meeting
Yes	R1-074173	Summary of Reflector Discussions on TDD FS1: HARQ related	IPWireless, NextWave Wireless	6.3	Decision		Noted
Yes	R1-074174	On the TDD UL Grant Channel	IPWireless, NextWave Wireless	6.2.3	Decision		Not treated
Yes	R1-074175	Dimensioning of TDD PHICH	IPWireless, NextWave Wireless	6.2.3	Decision		Not treated
Yes	R1-074176	Dimensioning of TDD Control Signalling	IPWireless, NextWave Wireless	6.2.3	Decision		Not treated

Yes	R1-074177	Frame configurations for TDD frame structure type 1	IPWireless, NextWave Wireless	6.2	Decision		Not treated
Yes	R1-074178	Implementation of Idle Period in TDD FS1	IPWireless, NextWave Wireless	6.3	Decision		Agreed
Yes	R1-074179	TDD HARQ timing	IPWireless, NextWave Wireless	6.3	Decision	R1-074446	Revised
Yes	R1-074180	PRACH Slot Configuration for TDD FS1	IPWireless, NextWave Wireless	6.2.7	Decision		Noted
Yes	R1-074181	Maximum number of ACK/NAK per TTI for TDD FS1	IPWireless, NextWave Wireless	6.2.4	Decision		Noted
Yes	R1-074182	TDD PUCCH	IPWireless, NextWave Wireless	6.2.4	Decision		Noted
Yes	R1-074183	Multiplexing of PUCCH and Sounding RS	Fujitsu	6.2.2	Discussion/Decision		Not treated
Yes	R1-074184	Adoption of 2-stage Rate Matching and Modified IR-HARQ	Fujitsu	6.3	Discussion/Decision		Not treated
Yes	R1-074185	Signaling of MBSFN Subframe Allocations	Alcatel-Lucent	6.2.3	Discussion		Not treated
Yes	R1-074186	CCFI contents for LTE TDD with FS2	CATT	6.2.3	Discussion/Decision		Noted
Yes	R1-074187	PUCCH details for ACK transmission LTE TDD with FS2	CATT	6.2.4	Discussion/Decision		Not treated
Yes	R1-074188	PUCCH details for CQI transmission LTE TDD with FS2	CATT	6.2.4	Discussion/Decision		Not treated
Yes	R1-074189	Link Level Results of 2x2 MIMO Schemes for 1.28Mcps TDD	CATT	10	Discussion/Decision		Noted
Yes	R1-074190	Further Consideration on RE Mapping for 4Tx PDSCH	LG Electronics	6.2.1	Discussion		Not treated
Yes	R1-074191	Frequency hopping operation for UL sounding RS	LG Electronics	6.2.2	Discussion/Decision		Not treated
Yes	R1-074192	Comparison of the proposals for CG UL DM RS	LG Electronics	6.2.2	Discussion/Decision		Not treated
Yes	R1-074193	Interleaver Design for CCE-to-RE Mapping	LG Electronics	6.2.3	Discussion/Decision	R1-074472	Revised
Yes	R1-074194	Downlink control signaling for SU-MIMO	LG Electronics	6.2.3	Discussion/Decision		Not treated
Yes	R1-074195	DL control channel configurations	LG Electronics	6.2.3	Discussion/Decision		Not treated
Yes	R1-074196	Restriction of UL/DL subframe ratio considering PUCCH in TDD	LG Electronics	6.2.3	Discussion/Decision		Not treated
Yes	R1-074197	Downlink PHICH repetition factor in 1 Tx case	LG Electronics	6.2.3	Discussion/Decision		Not treated
Yes	R1-074198	Mapping Relation comparisons for PHICH	LG Electronics	6.2.3	Discussion/Decision		Not treated
Yes	R1-074199	DL PHICH structure	LG Electronics	6.2.3	Discussion/Decision		Noted
Yes	R1-074200	On the implementation of rank override using codeword DTX	LG Electronics	6.2.3	Discussion/Decision		Not treated
Yes	R1-074201	Interference Randomization Techniques for PHICH	LG Electronics	6.2.3	Discussion/Decision		Not treated
Yes	R1-074202	Methods for PUCCH and SRS simultaneous transmission	LG Electronics	6.2.4	Discussion		Not treated
Yes	R1-074203	Way forward on PUCCH and SRS simultaneous transmission	LG Electronics	6.2.4	Discussion/Decision		Not treated
Yes	R1-074204	Error case handling in case of DL control channel failure	LG Electronics	6.2.4	Discussion		Not treated
Yes	R1-074205	Scheduling Request (SR) design considering PUCCH structure	LG Electronics	6.2.4	Discussion/Decision		Not treated
Yes	R1-074206	Considerations on UL ACK/NAK operation	LG Electronics	6.2.4	Discussion/Decision		Not treated

Yes	R1-074207	Control signalling error requirement depending on eNode B DTX detection	LG Electronics	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074208	DL LVRB allocation approach	LG Electronics	6.2.5	Discussion/D ecision		Not treated
Yes	R1-074209	Frequency hopping method for PUSCH	LG Electronics	6.2.5	Discussion/D ecision		Not treated
Yes	R1-074210	SSC mapping and scrambling method	LG Electronics	6.2.6	Discussion/D ecision	R1-074502	Revised
Yes	R1-074211	Flexibility of detecting 40ms P-BCH boundary	LG Electronics	6.2.6	Discussion/D ecision		Not treated
No	R1-074212	Consideration on UL power control	LG Electronics	6.4.2	Discussion/D ecision		Missing
Yes	R1-074213	Spatial Delta CQI in SU-MIMO	LG Electronics	6.4.5	Discussion		Not treated
No	R1-074214	Separation of CQI report into indexes and values over PUSCH and PUCCH	LG Electronics	6.4.5	Discussion/D ecision		Missing
Yes	R1-074215	Investigation on tradeoff between PMI overhead and performance	LG Electronics	6.4.5	Discussion/D ecision		Not treated
Yes	R1-074216	Consideration on Open-loop SM Transmission Mode	LG Electronics	6.4.5	Discussion/D ecision		Not treated
Yes	R1-074217	UL synchronous HARQ procedure and UE behaviour after ACK/NACK detection	LG Electronics	6.4.6	Discussion/D ecision		Not treated
Yes	R1-074218	CCE allocation scheme in PDCCH for efficient blind detection	ZTE	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074219	Distributed Transmission in E-UTRA Downlink	ZTE	6.2.5	Discussion/D ecision		Not treated
Yes	R1-074220	Remaining Issues on SSC Design	ZTE, RITT, CATT	6.2.6	Discussion/D ecision		Not treated
Yes	R1-074221	DL Resource Allocation Signaling Indication Scheme	ZTE	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074222	The Intra-TTI frequency hopping scheme in PUSCH	ZTE, CATT, Huawei	6.2.5	Discussion/D ecision		Not treated
Yes	R1-074223	Multiplexing of Sounding RS and PUCCH	ZTE	6.2.2	Discussion		Not treated
Yes	R1-074224	Hybrid combination of CG sequences for 1 and 2 RB UL DM RS	ZTE	6.2.2	Discussion		Not treated
Yes	R1-074225	Considerations on DL signaling for support of SU- and MU-MIMO	ZTE	6.2.3	Discussion		Not treated
Yes	R1-074226	Generic interleaver for PDCCH	Huawei	6.2.3	Discussion/D ecision		Noted
Yes	R1-074227	MIMO precoding information in PDCCH	Huawei	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074228	Completing the 2 TX codebook	Huawei	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074229	Performance evaluation of cell-specific mapping of distributed virtual resource blocks in downlink	Huawei	6.2.5	Discussion/D ecision		Not treated
Yes	R1-074230	Scrambling and information encoding for the S-SCH	Huawei	6.2.6	Discussion/D ecision		Not treated
Yes	R1-074231	Comparison of proposals for values of cyclic shift increment Ncs	Huawei	6.2.7	Discussion/D ecision		Not treated
Yes	R1-074232	Performances of CQI feedback schemes on PUSCH	Huawei	6.4.5	Discussion/D ecision		Noted
Yes	R1-074233	CQI and PMI resource management	Huawei	6.4.5	Discussion/D ecision		Not treated
Yes	R1-074234	Optimal bitmap compression for CQI feedback	Huawei	6.4.5	Discussion/D ecision		Noted
Yes	R1-074235	Improving Inter-Sector Handover User Throughput by Combined Interference Coordination and softer Handover in E-UTRA Downlink	CHTTL	6.4.3	Discussion		Not treated
Yes	R1-074236	Multiplexing of PDCCHs of Multiple Ues in E-UTRA Downlink	KDDI	6.2.3	Discussion/D ecision		Not treated

Yes	R1-074237	Hybrid FDM/CDM Based Multiplexing for ACK/NACK Signals in E-UTRA Downlink	KDDI	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074238	Rotational CDM for L1/L2 Control Channel Signaling in E-UTRA Downlink	KDDI	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074239	An Evaluation of the Rotational CDM for L1/L2 Control Channel	KDDI	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074240	System-Level Evaluation of the Rotational CDM for L1/L2 Control Channel	KDDI	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074241	Uplink Data-non-associated Control Signaling in E-UTRA	KDDI	6.2.4	Discussion		Not treated
Yes	R1-074242	Scheduling Request Channel in E-UTRA Uplink	KDDI	6.2.4	Discussion/D ecision		Not treated
No	R1-074243	MCCH multiplexing	Philips	4	Discussion/D ecision		Withdrawn
Yes	R1-074244	25.211 CR248 (Rel-7, F) Correction to transmit diversity specification in MIMO mode	Philips, NXP Semiconductors, Ericsson	5	CR		Agreed
Yes	R1-074245	Way forward for dedicated reference symbols for downlink beamforming	Philips, NXP Semiconductors, NTT DoCoMo, Vodafone, AT&T, NEC, Fujitsu, Mitsubishi, Arraycomm, Sharp	6.2.1	Discussion/D ecision	R1-074506	Revised
Yes	R1-074246	Dedicated reference symbol pattern	Philips	6.2.1	Discussion/D ecision		Not treated
Yes	R1-074247	Discussion of PDCCH message formats	Philips, NXP Semiconductors	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074248	Proposal for resource allocation signalling on PDCCH	Philips, NXP Semiconductors	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074249	Signalling for UL resource allocation	Philips, NXP Semiconductors	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074250	PDSCH timing for power saving for paging in idle mode	Philips	6.2.3	Discussion/D ecision		Not treated
No	R1-074251	Vector quantisation with successive refinement for MIMO feedback	Philips	6.2.4	Discussion/D ecision		Withdrawn
No	R1-074252	CQI reporting for TDD	Philips	6.2.4	Discussion/D ecision		Withdrawn
Yes	R1-074253	DVRB to PRB mapping for EUTRA downlink	Philips	6.2.5	Discussion/D ecision		Not treated
Yes	R1-074254	Codebook for MU-MIMO	Philips, NXP Semiconductors	6.4.5	Discussion/D ecision		Not treated
Yes	R1-074255	CQI definition for MU-MIMO	Philips, NXP Semiconductors	6.4.5	Discussion/D ecision		Not treated
Yes	R1-074256	UE procedure for ACK/NACK detection	Philips, NXP Semiconductors	6.4.6	Discussion/D ecision		Not treated
No	R1-074257	Signalling to support combination of higher-order modulation and MIMO	Philips	7	Discussion/D ecision		Withdrawn
Yes	R1-074258	Distributed Virtual Resource Block Mapping for Persistent Resource Allocation as VoIP	Alcatel-Lucent	6.2.5	Discussion/D ecision		Not treated
Yes	R1-074259	Signaling Resource Allocations in DL Control Channel	Alcatel-Lucent	6.2.3	Discussion		Not treated
Yes	R1-074260	A use case for Max Tx Power per PRB as a eNodeB Measurement	Alcatel-Lucent	6.5	Discussion	R1-074515	Revised
Yes	R1-074261	Incremental CQI Feedback Scheme and Simulation Results	Alcatel-Lucent	6.4.5	Discussion		Noted
Yes	R1-074262	Application of the Incremental CQI Feedback Scheme	Alcatel-Lucent	6.4.5	Discussion		Not treated
Yes	R1-074263	Semi-Static Interference Coordination Method	Alcatel-Lucent	6.4.3	Discussion	R1-074475	Revised
Yes	R1-074264	Support for Semi-Static Inter cell Interference Coordination	Alcatel-Lucent, Nortel Networks	6.4.3	Discussion/D ecision		Not treated
Yes	R1-074265	UL Sounding RS Design for E-UTRA	Alcatel-Lucent	6.2.2	Discussion/D ecision		Not treated

Yes	R1-074266	UL Power Control Parameter Values in PUSCH Power Control	Alcatel-Lucent	6.4.2	Discussion/D ecision		Not treated
Yes	R1-074267	Adaptivity for UL HARQ Transmissions	Alcatel-Lucent	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074268	On the Time Duration Field in the Uplink Scheduling Grant	Alcatel-Lucent	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074269	Number of HARQ Processes	Alcatel-Lucent	6.3	Discussion/D ecision		Noted
Yes	R1-074270	Multiplexing of PUCCH with PUSCH in E-UTRA UL Transmission	Alcatel-Lucent	6.2.4	Discussion/D ecision		Noted
Yes	R1-074271	On the Need for VoIP Coverage Enhancement for the E-UTRA UL	Alcatel-Lucent	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074272	Multiplexing ACK/NAK with CQI	Alcatel-Lucent	6.2.4	Discussion/d ecision		Not treated
Yes	R1-074273	Power Offsets to Maintain QoS for Persistent Allocations in the Presence of Control Channel Multiplexing for the E-UTRA Uplink	Alcatel-Lucent	6.4.6	Discussion/d ecision		Not treated
Yes	R1-074274	Power Control for RACH	Alcatel-Lucent	6.4.2	Discussion/d ecision		Not treated
Yes	R1-074275	VRB addressing for localized and distributed DL transmission	Alcatel-Lucent	6.2.5	Discussion/d ecision		Not treated
Yes	R1-074276	Multiplexing the Scheduling Request in the Uplink	Alcatel-Lucent	6.2.4	Discussion/d ecision		Not treated
Yes	R1-074277	Views on Beamforming Using Dedicated RS for E-UTRA Downlink	NTT DoCoMo	6.2.1	Discussion/d ecision		Not treated
Yes	R1-074278	Sequence Hopping for Uplink RS	NTT DoCoMo	6.2.2	Discussion/d ecision		Not treated
Yes	R1-074279	Sounding RS Structure in E-UTRA Uplink	NTT DoCoMo	6.2.2	Discussion/d ecision		Not treated
Yes	R1-074280	Assignment Scheme for Sounding Reference Signals in E-UTRA Uplink	NTT DoCoMo	6.2.2	Discussion/d ecision		Not treated
Yes	R1-074281	Necessity of Multiple Bandwidths for Sounding Reference Signals	NTT DoCoMo	6.2.2	Discussion/d ecision		Not treated
Yes	R1-074282	Multiplexing Scheme of Sounding RS in E-UTRA Uplink	NTT DoCoMo	6.2.2	Discussion/d ecision		Not treated
Yes	R1-074283	Investigation on Control Information Bits in PDCCH	NTT DoCoMo	6.2.3	Discussion/d ecision		Not treated
Yes	R1-074284	Semi-static Configuration of Non-adaptive and Adaptive ARQ in E-UTRA Downlink	NTT DoCoMo	6.2.3	Discussion/d ecision		Not treated
Yes	R1-074285	Investigation on PMI Indication Schemes for Single-User MIMO Precoding in E-UTRA Downlink	NTT DoCoMo	6.2.3	Discussion/d ecision		Not treated
Yes	R1-074286	Investigation on Throughput Performance of MU-MIMO in E-UTRA Downlink	NTT DoCoMo	6.2.3	Discussion/d ecision	R1-074463	Revised
Yes	R1-074287	On ACK/NACK and CQI Transmission Method in PUCCH	NTT DoCoMo	6.2.4	Discussion/d ecision		Not treated
No	R1-074288	Transmission Method of Scheduling Request in E-UTRA Uplink	NTT DoCoMo	6.2.4	Discussion/d ecision		Missing
Yes	R1-074289	Basic Method for CQI Feedback in E-UTRA	NTT DoCoMo	6.2.4	Discussion/d ecision		Not treated
Yes	R1-074290	Investigation on Performance of PUCCH in Coverage-limited Conditions	NTT DoCoMo	6.2.4	Discussion/d ecision	R1-074464	Revised
Yes	R1-074291	Usage of Remaining Resource Elements in Resource Blocks Multiplexed with PBCH and SCH	NTT DoCoMo	6.2.5	Discussion/d ecision		Not treated
Yes	R1-074292	Control Signaling for Uplink Frequency Hopping in E-UTRA	NTT DoCoMo	6.2.5	Discussion/d ecision	R1-074465	Revised
Yes	R1-074293	Investigation on P-SCH Specific Scrambling Sequences for S-SCH	NTT DoCoMo	6.2.6	Discussion/d ecision		Not treated

Yes	R1-074294	On PRACH Structure for 1.4-MHz System Bandwidth	NTT DoCoMo	6.2.7	Discussion/decision		Not treated
Yes	R1-074295	PRACH Multiplexing Method and Slot Configuration for E-UTRA Uplink	NTT DoCoMo	6.2.7	Discussion/decision		Not treated
Yes	R1-074296	Views on Number of Hybrid ARQ Processes in E-UTRA	NTT DoCoMo	6.3	Discussion/decision	R1-074466	Revised
Yes	R1-074297	Necessity of Time Diversity for D-BCH	NTT DoCoMo	6.4.5	Discussion/decision	R1-074467	Revised
Yes	R1-074298	UE Measurements and Rx Diversity	Nokia Siemens Networks, Nokia	5	Discussion		Noted
Yes	R1-074299	25212CR (R8, B) HS-SCCH information field mapping for 64QAM MIMO	Nokia, Nokia Siemens Networks, Ericsson, Philips	7	CR		Agreed
Yes	R1-074300	Enhanced CELL_FACH state with E-DCH	Nokia, Nokia Siemens Networks	8	Decision		Noted
Yes	R1-074301	Applications of Enhanced Uplink for CELL_FACH State in FDD	Nokia, Nokia Siemens Networks	8	Discussion		Noted
Yes	R1-074302	CELL_FACH state E-DCH – coverage comparison	Nokia, Nokia Siemens Networks	8	Discussion		Noted
Yes	R1-074303	Resource assignment for E-DCH access in CELL_FACH state	Nokia, Nokia Siemens Networks	8	Discussion		Noted
Yes	R1-074304	Synchronised E-DCH: Issues to be considered	Nokia Siemens Networks, Nokia	9	Discussion		Noted
Yes	R1-074305	Synchronised E-DCH: Initial link simulations	Nokia Siemens Networks, Nokia	9	Discussion		Noted
Yes	R1-074306	Draft TR skeleton for synchronised E-DCH	Nokia Siemens Networks, Nokia	9	TR	R1-074461	Revised
Yes	R1-074307	Invariant PBCH Structure	Nokia Siemens Networks, Nokia, Motorola	6.2	Discussion/Decision		Not treated
Yes	R1-074308	Capacity of D-BCH and Benefits of Time Diversity	Nokia Siemens Networks, Nokia	6.2	Discussion/Decision		Not treated
Yes	R1-074309	DL UL allocation options for EUTRA TDD	Nokia, Nokia Siemens Networks	6.2	Discussion/Decision		Not treated
Yes	R1-074310	Issues regarding MBSFN subframes	Nokia, Nokia Siemens Networks	6.2.1	Discussion/Decision		Not treated
Yes	R1-074311	On remaining MBSFN RS issues	Nokia, Nokia Siemens Networks	6.2.1	Discussion/Decision		Not treated
Yes	R1-074312	Dedicated Reference Signal for TDD FS2	Nokia, Nokia Siemens Networks	6.2.1	Discussion/Decision		Not treated
Yes	R1-074313	Open SRS issues	Nokia Siemens Networks, Nokia	6.2.2	Discussion/Decision		Not treated
Yes	R1-074314	On selection of computer generated DM RS sequences	Nokia Siemens Networks, Nokia	6.2.2	Discussion/Decision		Not treated
Yes	R1-074315	Cyclic Shift Hopping and DM RS Signaling	Nokia Siemens Networks, Nokia	6.2.2	Discussion/Decision	(R1-073644)	Not treated
Yes	R1-074316	UL sounding reference signal for EUTRA TDD	Nokia, Nokia Siemens Networks	6.2.2	Discussion/Decision		Not treated
Yes	R1-074317	Reducing the decoding complexity of the PDCCH	Nokia, Nokia Siemens Networks	6.2.3	Discussion/Decision		Not treated
Yes	R1-074318	Control channel to RE mapping	Nokia, Nokia Siemens Networks	6.2.3	Discussion/Decision		Not treated
Yes	R1-074319	Signaling PCH, RACH response and dynamic BCH	Nokia, Nokia Siemens Networks	6.2.3	Discussion/Decision		Not treated
Yes	R1-074320	Considerations on the CCE sharing for uplink and downlink allocation grants	Nokia, Nokia Siemens Networks	6.2.3	Discussion/Decision		Not treated
Yes	R1-074321	Downlink resource assignments structure for LTE	Nokia, Nokia Siemens Networks	6.2.3	Discussion/Decision		Not treated

Yes	R1-074322	DL-CCH formats	Nokia, Nokia Siemens Networks	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074323	Downlink Control signaling considerations for EUTRA TDD	Nokia, Nokia Siemens Networks	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074324	Multi-TTI Uplink Grants for TDD	Nokia, Nokia Siemens Networks	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074325	MBMS single-cell p-t-m related control signaling	Nokia, Nokia Siemens Networks	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074326	Comparison of single-sequence and multi sequence modulation on PUCCH	Nokia Siemens Networks, Nokia	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074327	ACK/NACK+CQI transmitted on PUCCH	Nokia Siemens Networks, Nokia	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074328	Benefits of resource-specific cyclic shift randomization on PUCCH	Nokia Siemens Networks, Nokia	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074329	ACK/NACK Channelization	Nokia Siemens Networks, Nokia	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074330	Implicit Mapping of ACK/NACK resources	Nokia Siemens Networks, Nokia	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074331	Avoiding PUSCH error situations caused by DL allocation grant signalling failure	Nokia Siemens Networks, Nokia	6.2.4	Discussion/D ecision		Noted
Yes	R1-074332	Impact of prioritizing PUCCH ACK/NACK transmission over SRS	Nokia Siemens Networks, Nokia	6.2.2	Discussion/D ecision		Not treated
Yes	R1-074333	Scheduling Request supporting High Doppler	Nokia Siemens Networks, Nokia	6.2.4	Discussion/D ecision	(R1-073654)	Noted
Yes	R1-074334	On CQI coding in PUCCH	Nokia Siemens Networks, Nokia	6.2.4	Discussion/D ecision	(R1-073660)	Not treated
Yes	R1-074335	Repeated transmission of ACK in TDD FS2 PUCCH	Nokia, Nokia Siemens Networks	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074336	Multiple ACK transmission in PUCCH for TDD FS2	Nokia, Nokia Siemens Networks	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074337	CQI and CQI+ACK transmission in PUCCH for TDD FS2	Nokia, Nokia Siemens Networks	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074338	On the impact of LTE DL distributed transmission	Nokia, Nokia Siemens Networks	6.2.5	Discussion/D ecision		Not treated
Yes	R1-074339	Transmission of P-BCH, P-SCH and S-SCH on dedicated MBMS carrier	Nokia, Nokia Siemens Networks	6.2.6	Discussion/D ecision		Not treated
Yes	R1-074340	Sequence ordering and other RACH issues	Nokia Siemens Networks, Nokia	6.2.7	Discussion/D ecision		Not treated
Yes	R1-074341	CRC Bit Order: Simulation Results	Nokia Siemens Networks, Nokia	6.3	Discussion/D ecision		Noted
Yes	R1-074342	RV Definition	Nokia Siemens Networks, Nokia	6.3	Discussion/D ecision		Not treated
Yes	R1-074343	BCH Interleaving	Nokia Siemens Networks, Nokia	6.3	Discussion/D ecision		Not treated
Yes	R1-074344	Number of HARQ processes for FDD	Nokia, Nokia Siemens Networks	6.3	Discussion/D ecision		Noted
Yes	R1-074345	HARQ in TDD (FS 1)	Nokia, Nokia Siemens Networks	6.3	Discussion/D ecision		Noted
Yes	R1-074346	HARQ in TDD (FS 2)	Nokia, Nokia Siemens Networks	6.3	Discussion/D ecision		Noted
Yes	R1-074347	Closed loop power control corrections for PUSCH	Nokia Siemens Networks, Nokia	6.4.2	Discussion/D ecision	(R1-073675)	Not treated
Yes	R1-074348	Power control headroom reports for EUTRAN uplink	Nokia Siemens Networks, Nokia	6.4.2	Discussion/D ecision	(R1-073676)	Noted
Yes	R1-074349	Overload Indicator handling for LTE	Nokia Siemens Networks, Nokia	6.4.3	Discussion		Not treated

Yes	R1-074350	Low load scenarios with CQI-based interference coordination	Nokia, Nokia Siemens Networks	6.4.3	Discussion/D ecision		Not treated
Yes	R1-074351	On CQI measurements and compression for eNode-B RRM support	Nokia Siemens Networks, Nokia	6.4.5	Discussion/D ecision		Not treated
Yes	R1-074352	CQI format to facilitate eNode-B link adaptation	Nokia Siemens Networks, Nokia	6.4.5	Discussion/D ecision		Noted
Yes	R1-074353	CQI Trigger Mechanism	Nokia Siemens Networks, Nokia	6.4.5	Discussion/D ecision	(R1-073680)	Not treated
Yes	R1-074354	Channel Quality Indicator for LTE MU-MIMO	Nokia, Nokia Siemens Networks	6.4.5	Discussion/D ecision		Not treated
Yes	R1-074355	Effect of Precoding Granularity on LTE Multiuser MIMO	Nokia, Nokia Siemens Networks	6.4.5	Discussion/D ecision		Not treated
Yes	R1-074356	CQI and MIMO feedback for LTE	Nokia Siemens Networks, Nokia	6.4.5	Discussion/D ecision		Not treated
Yes	R1-074357	DL signaling for close loop antenna selection in LTE UL	Nokia Siemens Networks, Nokia	6.4.6	Discussion/D ecision		Noted
Yes	R1-074358	Measurement states for inter-RAT UE measurements	Nokia Siemens Networks, Nokia	6.5	Discussion		Noted
Yes	R1-074359	UE Categories	Nokia, Nokia Siemens Networks	6.6	Discussion/D ecision		Noted
Yes	R1-074360	UE and CCE specific scrambling codes for low complexity blind detection of downlink control signaling	Mitsubishi Electric	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074361	Distributed VRB mapping over 3 PRBs	Mitsubishi Electric	6.2.5	Discussion/D ecision		Not treated
Yes	R1-074362	UE category with single Rx antenna	NXP, Philips	6.6	Discussion/D ecision		Noted
Yes	R1-074363	Inconsistence of signalling overhead and resource indication value function	ZTE	6.4.5	Discussion/D ecision		Not treated
Yes	R1-074364	25.214 CR467 (Rel-7, F) Clarification on CQI tables in Rel-7	Alcatel-Lucent	5	CR	R1-074462	Revised
Yes	R1-074365	On optimisation of LTE TDD based on FS2	Ericsson	6.1	Discussion/D ecision	R1-074459	Revised
No	R1-074366	Further optimization of FS2	Ericsson	6.1	Discussion/D ecision		Withdrawn
Yes	R1-074367	Downlink reference signal sequences	Ericsson	6.2.1	Discussion/D ecision		Not treated
Yes	R1-074368	PUSCH sequence hopping patterns	Ericsson	6.2.2	Discussion/D ecision		Not treated
Yes	R1-074369	E-mail summary taking you forward on downlink control signaling	Ericsson	6.2.3	Discussion/D ecision		Noted
Yes	R1-074370	CCE to RE Mapping	Ericsson	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074371	MIMO related DL control signalling	Ericsson	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074372	E-mail summary taking you forward on uplink control signaling	Ericsson	6.2.4	Discussion/D ecision		Noted
Yes	R1-074373	Control Signalling for Half Duplex FDD in LTE	Ericsson	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074374	Scrambling of the Secondary Synchronization Signal	Ericsson	6.2.6	Discussion/D ecision		Not treated
Yes	R1-074375	Error Detection Reliability of CRC	Ericsson	6.3	Discussion/D ecision		Noted
Yes	R1-074376	ID specific CRC on DL-SCH/UL-SCH	Ericsson	6.3	Discussion/D ecision		Noted
Yes	R1-074377	On monitoring radio problem detection	Ericsson	6.4.1	Discussion/D ecision		Noted
Yes	R1-074378	Uplink Power Control for E-UTRA – Comments on Open Issues	Ericsson	6.4.2	Discussion/D ecision	R1-074470	Revised

Yes	R1-074379	Reactive and Pro-active Use of Uplink Overload Indication in LTE	Ericsson	6.4.3	Discussion/Decision		Not treated
Yes	R1-074380	On Inter-cell Interference Coordination Schemes without/with Traffic Load Indication	Ericsson	6.4.3	Discussion/Decision	R1-074444	Revised
Yes	R1-074381	Aperiodic CQI reporting	Ericsson	6.4.5	Discussion/Decision		Noted
Yes	R1-074382	Extending Codeword to layer mapping for efficient support of retransmissions	Ericsson	6.4.5	Discussion/Decision		Not treated
Yes	R1-074383	Proposed way forward for CQI reporting	Nokia Siemens Networks, Ericsson, Huawei, Nokia, CATT	6.4.5	Discussion/Decision	R1-074453	Revised
Yes	R1-074384	Modulation & Channelization Signaling for MIMO and 64-QAM	InterDigital	7	CR		Noted
Yes	R1-074385	ACK/NACK Index Mapping for Uplink Transmission for E-UTRA	InterDigital Communications LLC	6.2.3	Discussion/Decision		Not treated
Yes	R1-074386	MU-MIMO Codebook Selection and Signaling Considerations for E-UTRA	InterDigital Communications LLC	6.2.3	Discussion/Decision	R1-074469	Revised
Yes	R1-074387	E-UTRA Power Control Performance Comparison of Feedback Methods	InterDigital Communications LLC	6.4.2	Discussion/Decision	R1-074481	Revised
Yes	R1-074388	Uplink Power Control Procedures and Text Proposal for E-UTRA	InterDigital Communications LLC	6.4.2	Discussion/Decision		Not treated
Yes	R1-074389	Performance Evaluation of E-UTRA CQI Schemes with Restricted Reporting Periods	InterDigital Communications LLC	6.4.5	Discussion		Noted
Yes	R1-074390	Binary Differential Feedback Using Existing Codebooks for E-UTRA	InterDigital Communications LLC	6.4.5	Discussion/Decision		Not treated
Yes	R1-074391	E-UTRA PUCCH: ACK/NACK, CQI, PMI, and RI Issues	InterDigital Communications LLC	6.4.5	Discussion		Not treated
Yes	R1-074392	Specification of Formula for Restricted Cyclic shift Set	LG Electronics, Nokia, Nokia Siemens Networks, Texas Instruments	6.2.7	Decision		Not treated
No	R1-074393	On the codeword to layer mapping issue for retransmission	Freescale Semiconductor	6.2.3	Discussion/Decision		Missing
No	R1-074394	Remaining issues in DL MIMO	Freescale Semiconductor	6.2	Discussion		Missing
No	R1-074395	Rank reporting for DL LTE MIMO	Freescale Semiconductor	6.4.5	Discussion/Decision		Missing
Yes	R1-074396	Comparison of Computer Generated sequences for E-UTRA uplink	Panasonic	6.2.2	Discussion/Decision		Not treated
Yes	R1-074397	Further consideration on uplink RS hopping and grouping	Panasonic	6.2.2	Discussion/Decision		Not treated
Yes	R1-074398	Frequency dependent PUSCH DM-RS generation method with considering eNB-specific allocation	Panasonic	6.2.2	Discussion/Decision		Not treated
Yes	R1-074399	Sounding RS position and relation with PUCCH	Panasonic	6.2.2	Discussion/Decision		Not treated
Yes	R1-074400	Transport format signaling and padding overhead	Panasonic	6.2.3	Discussion/Decision		Not treated
Yes	R1-074401	PDCCH payload formats and sizes	Panasonic	6.2.3	Discussion/Decision		Not treated
Yes	R1-074402	PDCCH Signaling for retransmission of downlink persistent scheduling	Panasonic	6.2.3	Discussion/Decision		Not treated
Yes	R1-074403	Comparison between FDM and CDM+FDM for DL L1/L2 control channel multiplexing	Panasonic	6.2.3	Discussion/Decision		Not treated
Yes	R1-074404	DL ACK/NACK modulation and UL HARQ behavior	Panasonic	6.2.3	Discussion/Decision		Not treated
Yes	R1-074405	Assignment of Downlink ACK/NACK channel	Panasonic	6.2.3	Discussion/Decision		Not treated
Yes	R1-074406	System level analysis for CCE aggregation size dependent transport format signaling	Panasonic	6.2.3	Discussion/Decision		Not treated

Yes	R1-074407	Resource allocation and transport format signaling	Panasonic	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074408	Ack/Nack repetition and Implicit Resource Allocation for PUCCH	Panasonic	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074409	Proposed way forward on ACK/NACK channelization	Panasonic, Samsung	6.2.4	Discussion/D ecision	R1-074491	Revised
Yes	R1-074410	Mapping position of control channel for Uplink Shared Channel	Panasonic	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074411	Cyclic shift hopping patterns for uplink ACK/NACK	Panasonic	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074412	Ordering of the implicit resource allocation table for UL ACK/NACK	Panasonic	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074413	Variable Phase Definition of the Reference Signal for CQI in PUCCH	Panasonic	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074414	Clarification of Implicit Resource Allocation of Uplink ACK/NACK Signal	Panasonic	6.2.4	Discussion/D ecision		Not treated
Yes	R1-074415	Selected sub-band CQI reporting	Panasonic	6.4.5	Discussion/D ecision		Noted
Yes	R1-074416	DVRB-pair to PRB-pair assignment and signaling for DL distributed transmission	Panasonic	6.2.5	Discussion/D ecision		Not treated
Yes	R1-074417	VoIP capacity comparison between Nd=2 and Nd=3 for DL distributed transmission	Panasonic	6.2.5	Discussion/D ecision		Noted
Yes	R1-074418	Views on mapping within distributed PRB-pair for Nd=3	Panasonic	6.2.5	Discussion/D ecision		Not treated
Yes	R1-074419	Mapping within distributed PRB-pair for Nd=3	Panasonic	6.2.5	Discussion/D ecision		Not treated
Yes	R1-074420	Proposed way forward for PRACH sequence ordering discussion	Panasonic	6.2.7	Discussion/D ecision	R1-074494	Revised
Yes	R1-074421	PRACH sequence index ordering	Panasonic	6.2.7	Discussion/D ecision		Not treated
Yes	R1-074422	Limitation of RACH sequence allocation for high mobility cell	Panasonic	6.2.7	Discussion/D ecision		Not treated
Yes	R1-074423	Power control: Function split between Specifications	Panasonic	6.4.2	Discussion/D ecision		Not treated
Yes	R1-074424	Discussion on CQI Report Metric (SINR vs TBS)	Panasonic	6.4.5	Discussion/D ecision		Noted
Yes	R1-074425	CQI transmission methods for large reports on PUCCH	Panasonic	6.4.5	Discussion/D ecision		Not treated
Yes	R1-074426	Rank feedback in downlink MIMO	Panasonic	6.4.5	Discussion/D ecision		Not treated
Yes	R1-074427	Control signalling aspects of MU-MIMO	Panasonic	6.4.5	Discussion/D ecision		Not treated
Yes	R1-074428	UE capability and time diversity	Panasonic	6.6	Discussion/D ecision		Not treated
Yes	R1-074429	Details on scrambling	Qualcomm Europe	6.2	Discussion/D ecision		Not treated
Yes	R1-074430	Baseline CQI format	Qualcomm Europe	6.4.5	Discussion/D ecision		Not treated
Yes	R1-074431	Bandwidth Allocation for the SRS	Freescall Semiconductor	6.2.2	Discussion		Not treated
Yes	R1-074432	TDD Frame Structure	IPWireless, NextWave Wireless	6.1	Discussion		Noted
Yes	R1-074433	P-BCH TTI boundary detection using BPSK on S-SCH	InterDigital Communications LLC	6.2.6	Discussion		Not treated
Yes	R1-074434	Semi-static, dynamic and hybrid CCE aggregation	Panasonic	6.2.3	Discussion/D ecision		Not treated
Yes	R1-074435	Signaling of Frequency Hopping for UL Transmission	Alcatel-Lucent	6.2.4	Discussion/D ecision		Not treated

Yes	R1-074436	Down Link Rank Adaptation with 4 Tx antennas for Open Loop MIMO at High Doppler	LSI Corporation	6.4.5	Discussion/Decision		Not treated
Yes	R1-074437	Proposed way forward on CPICH measurements with Rx diversity	Vodafone	5	Approval		Noted
Yes	R1-074438	PUCCH details for TDD FS2	Nokia, Nokia Siemens Networks	6.2.4	Discussion/Decision		Not treated
Yes	R1-074439	Summary of Power Control E-mail Discussion	Nokia Siemens Networks	6.4.2	Discussion/Decision		Noted
Yes	R1-074440	Draft TR for 1.28Mcps TDD HSPA evolution	TD-Tech	10	Discussion/Decision	R1-074457	Revised
Yes	R1-074441	CRC Bit Order: Way Forward	Nokia Siemens Networks, Nokia, Motorola, Ericsson, Samsung	6.3	Decision	R1-074510	Agreed-Revised during the week
Yes	R1-074442	Summary of the e-mail discussion on UE category	NTT DoCoMo	6.6	Discussion/Decision	R1-074500	Revised
Yes	R1-074443	Comparison of Computer-Generated Sequence Proposals for UL DM RS	Texas Instruments	6.2.2	Discussion/Decision	(R1-074131)	Not treated
Yes	R1-074444	On Inter-cell Interference Coordination Schemes without/with Traffic Load Indication	Ericsson	6.4.3	Discussion/Decision	(R1-074380)	Not treated
Yes	R1-074445	Way Forward on Full use of Power and Bandwidth in DL PDSCH	Samsung, LGE	6.2.1	Discussion/Decision		Not treated
Yes	R1-074446	TDD HARQ timing	IPWireless, NextWave Wireless	6.3	Decision	(R1-074179)	Noted
Yes	R1-074447	Draft Report WS GERAN_RAN on GERAN E-UTRAN interworking	MCC	3	Information		Noted
Yes	R1-074448	Generator Polynomial for Transport Block CRC	Qualcomm Europe	6.3	Discussion/Decision		Noted
Yes	R1-074449	Computer Generated Sequence Comparison	Qualcomm Europe	6.2.2	Discussion/Decision		Not treated
Yes	R1-074450	Power Scaling and DL RS boosting	Samsung	6.2.1	Discussion/Decision	(R1-074065)	Not treated
No	R1-074451	Reply LS on neighbour cell list in LTE	RAN1, Nokia Siemens Networks	4	LS_out		Postponed
Yes	R1-074452	Reply LS on introduction of radio bearers for MBMS PTP on HS in 34.108	RAN1, Ericsson	4	LS_out		Agreed
Yes	R1-074453	Proposed way forward for CQI reporting	Nokia Siemens Networks, Ericsson, Huawei, Nokia, CATT	6.4.5	Discussion/Decision	(R1-074383)	Noted
	R1-074454	void					
Yes	R1-074455	25.213 CR091r1 (Rel-7, F) "Editorial changes in 25.213 for 16QAM specification"	Ericsson	5	CR	(R1-073950)	Agreed
No	R1-074456	Combining Period interrupted by a DTX gap	Qualcomm Europe	5	Discussion/Decision	(R1-074118)	Withdrawn
Yes	R1-074457	Draft TR for 1.28Mcps TDD HSPA evolution	TD-Tech	10	Discussion/Decision	(R1-074440)	Noted
Yes	R1-074458	Way forward on Multiple Antenna Transmission for high-mobility UE	Samsung, LGE, Nortel	6.4.5	Discussion/Decision	R1-074512	Revised
Yes	R1-074459	On optimisation of LTE TDD based on FS2	CMCC, Vodafone, CATT, RITT, Ericsson, Nokia, Nokia Siemens Networks, ZTE, Huawei, Qualcomm Europe	6.1	Discussion/Decision	(R1-074365)	Noted
Yes	R1-074460	Draft LS on RAN1 conclusions on Enhanced Uplink for CELL_FACH state in FDD	Nokia Siemens Networks	8	LS_out	R1-074522	Revised
Yes	R1-074461	Draft TR skeleton for synchronised E-DCH	Nokia Siemens Networks, Nokia	9	TR	(R1-074306)	Agreed

Yes	R1-074462	25.214 CR467r1 (Rel-7, F) Clarification on CQI tables in Rel-7	Alcatel-Lucent, Nokia, Nokia Siemens Networks, Ericsson, Philips	5	CR	(R1-074364)	Agreed
Yes	R1-074463	Investigation on Throughput Performance of MU-MIMO in E-UTRA Downlink	NTT DoCoMo	6.2.3	Discussion/decision	(R1-074286)	Not treated
Yes	R1-074464	Investigation on Performance of PUCCH in Coverage-limited Conditions	NTT DoCoMo	6.2.4	Discussion/decision	(R1-074290)	Not treated
Yes	R1-074465	Control Signaling for Uplink Frequency Hopping in E-UTRA	NTT DoCoMo	6.2.5	Discussion/decision	(R1-074292)	Not treated
Yes	R1-074466	Views on Number of Hybrid ARQ Processes in E-UTRA	NTT DoCoMo, AT&T, KDDI, Mitsubishi Electric, Orange, Sharp, T-Mobile	6.3	Discussion/decision	(R1-074296)	Noted
Yes	R1-074467	Necessity of Time Diversity for D-BCH	NTT DoCoMo	6.4.5	Discussion/decision	(R1-074297)	Not treated
Yes	R1-074468	Way forward on Physical Channel Segmentation	Motorola, Nokia, Nokia Siemens Networks, Broadcom, TI, Qualcomm, Nortel, Freescale	6.3	Discussion/decision		Agreed
Yes	R1-074469	MU-MIMO Codebook Selection and Signaling Considerations for E-UTRA	InterDigital Communications LLC	6.2.3	Discussion/Decision	(R1-074386)	Not treated
Yes	R1-074470	Uplink Power Control for E-UTRA – Comments on Open Issues	Ericsson	6.4.2	Discussion/Decision	(R1-074378)	Noted
Yes	R1-074471	Coverage impact of shortened ACK/NACK format	Ericsson	6.2.2	Discussion/Decision		Not treated
Yes	R1-074472	Interleaver Design for CCE-to-RE Mapping	LG Electronics	6.2.3	Discussion/Decision	(R1-074193)	Not treated
Yes	R1-074473	TB CRC generator polynomial	Ericsson, ETRI, ITRI, LGE, Motorola, Nokia, Nokia Siemens Networks, Nortel, Qualcomm, Samsung, ZTE	6.3	Discussion/Decision	(R1-074105)	Noted
Yes	R1-074474	Summary of companies views regarding multiplexing between PUCCH and S-RS	LG Electronics	6.2.2	Discussion/Decision	R1-074513	Revised
Yes	R1-074475	Semi-Static Interference Coordination Method	Alcatel-Lucent	6.4.3	Discussion	(R1-074263)	Not treated
Yes	R1-074476	Transmission mode for BCCH	Ericsson	6.4.5	Discussion/Decision		Not treated
Yes	R1-074477	Way forward on UL ICIC/overload indicator for LTE	Nokia Siemens Networks, Nokia, Ericsson, Alcatel-Lucent, T-Mobile	6.4.3	Decision		Noted
Yes	R1-074478	One generator polynomial for both transport block CRC and code block CRC	Broadcom	6.3	Discussion/Decision		Not treated
Yes	R1-074479	Way forward on DL power control	NEC, Ericsson, Fujitsu, Marvell Semiconductor, Motorola, Panasonic, Philips, Qualcomm, ZTE	6.4.2	Discussion/Decision	(R1-074158)	Noted
Yes	R1-074480	Reply LS on Request to clarify LTE states for physical layer measurements	RAN2, Nokia Siemens Networks	4	LS_in	= R2-074509	Noted
No	R1-074481	E-UTRA Power Control Performance Comparison of Feedback Methods	InterDigital Communications LLC	6.4.2	Discussion/Decision	(R1-074387)	Missing
Yes	R1-074482	36.214 CR001 (Rel-8, F) "RRC state correction for LTE UE measurements	Nokia Siemens Networks, Nokia	6.5	CR		Noted
Yes	R1-074483	Downlink ACK/NACK Transmit Diversity	Samsung	6.2.3	Discussion/Decision	(R1-074074)	Noted
Yes	R1-074484	LS on UE transmission power adjustments	RAN1, Motorola, Panasonic	6.4.2	LS_out		Agreed
Yes	R1-074485	SSCH Mapping to Group ID and Frame Timing	Marvell Semiconductor	6.2.6	Discussion	(R1-073898)	Not treated

Yes	R1-074486	F-QPSK based CG UL DM RS for 1RB and 2RB	LG Electronics	6.2.2	Discussion		Not treated
Yes	R1-074487	ACK/NAK Performance in PUCCH with Timing Offset and Near-Far Effect	Texas Instruments	6.2.4	Discussion/Decision	(R1-074140)	Not treated
Yes	R1-074488	Interleaver design for Mini-CCE to RE Mapping	Motorola	6.2.3	Discussion/Decision	(R1-073994)	Not treated
Yes	R1-074489	Uplink Power Control Way forward	Ericsson	6.4.2	Discussion/Decision	R1-074507	Revised
Yes	R1-074490	CQI compression - starting point	CQI Ad-Hoc Chair	6.4.5	Discussion/Decision		Noted
Yes	R1-074491	Proposed way forward on ACK/NACK channelization	Panasonic, Nokia, Nokia Siemens Networks, Samsung, Texas Instruments	6.2.4	Discussion/Decision	(R1-074409)	Agreed
Yes	R1-074492	Details on Probabilities of Undetected TB Errors	Ericsson	6.3	Discussion		Not treated
Yes	R1-074493	Improved Flexibility/Performance CQI+ACK/NACK coding in the E-UTRA uplink	SHARP	6.2.4	Discussion/Decision	(R1-073941)	Not treated
Yes	R1-074494	Proposed way forward for PRACH sequence ordering discussion	Panasonic, TI, Huawei, LGE, NTT DoCoMo	6.2.7	Discussion/Decision	(R1-074420)	Noted
Yes	R1-074495	Way forward for LFDMA with hopping in PUSCH	Samsung, Qualcomm	6.2.5	Discussion/Decision	R1-074517	Revised
Yes	R1-074496	Proposal for CQI way forward	Nokia, Nokia Siemens Networks, Ericsson, TI, Huawei, Samsung, Qualcomm, ZTE, CATT, Nortel	6.4.5	Discussion/Decision		Noted
Yes	R1-074497	delta-I for UL PC - Way forward	Motorola	6.4.2	Discussion/Decision		Not treated
Yes	R1-074498	Way Forward for Secondary SCH Mapping and Scrambling	TI, Motorola, Huawei, LGE, Nortel, Qualcomm, Sharp, ETRI	6.2.6	Discussion/Decision		Agreed
Yes	R1-074499	Outcome of off-line discussion on DL control signaling	Ericsson	6.2.3	Discussion/Decision		Endorsed
Yes	R1-074500	Summary of the e-mail discussion on UE category	NTT DoCoMo	6.6	Discussion/Decision	(R1-074442) R1-074504	Revised
Yes	R1-074501	Summary of CQI Ad-Hoc	Ad-Hoc Chairman	6.4.5	Discussion/Decision		Endorsed
Yes	R1-074502	SSC mapping and scrambling method	LG Electronics	6.2.6	Discussion/Decision	(R1-074210)	Not treated
Yes	R1-074503	RB mapping for odd number of RB	Motorola, Nokia, Nokia Siemens Networks, TI, Qualcomm, Philips, Samsung	6.2	Decision		Agreed
Yes	R1-074504	Summary of the e-mail discussion on UE category	NTT DoCoMo	6.6	Discussion/Decision	(R1-074500)	Noted
Yes	R1-074505	Way forward on DL Control channel multiplexing	NEC, Nokia, Nokia Siemens Networks	6.2.3	Decision		Noted
Yes	R1-074506	Way forward for dedicated reference symbols for downlink beamforming	Philips, NXP Semiconductors, NTT DoCoMo, Vodafone, AT&T, NEC, Fujitsu, Mitsubishi, Arraycomm, Sharp, Ericsson, CMCC, CATT, RITT, Orange, T-Mobile, Qualcomm	6.2.1	Decision	(R1-074245)	Noted
Yes	R1-074507	Uplink Power Control Way forward	Ericsson	6.4.2	Decision	(R1-074489)	Not treated

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