

A	B	C	D	E	F	G	H
	Tdoc Number	Title	Source	Agenda Item	Type	Rrevised to (from)	Conclusion/Decision
	R1-074525	Draft Agenda for RAN1#51 meeting	RAN1 Chairman	2	Decision		Approved
	R1-074526	Draft report of RAN1#50 bis meeting	MCC Support	3	Approval	R1-075054	Agreed in principle, further revised
	R1-074527	Proposed TSG RAN Terms of Reference	MCC Support	3	Information		Noted
	R1-074528	Proposed TSG RAN1 Terms of Reference	RAN1 Chairman	3	Decision	R1-075053	Endorsed, further revised
	R1-074529	LS on Physical layer Cell Identity Collision	RAN3, Ericsson	4	LS_in	= R3-072016	Noted
	R1-074530	Response to LS on Synchronisation in Radio Access Networks	RAN4, Orange	4	LS_in	= R4-071586	Noted
	R1-074531	Ls on signalling of additional spectrum emission requirements	RAN4, Motorola	4	LS_in	= R4-071813	Noted
	R1-074532	Reply LS on Request to clarify LTE states for physical layer measurements	RAN2, Nokia Siemens Networks	4	LS_in	= R2-074509	Noted
	R1-074533	Reply LS on introduction of radio bearers for MBMS PTP on HS in 34.108	RAN2, Ericsson	4	LS_in	= R2-074543	Noted
	R1-074534	LS on SFN reading from the target cell at HO	RAN2, Samsung	4	LS_in	= R2-074590	Noted
	R1-074535	LS on L1 Parameters in Random Access response	RAN2, Qualcomm	4	LS_in	= R2-074574	Noted
	R1-074536	LS on signalling for DL data arrival	RAN2, Motorola	4	LS_in	= R2-074575	Noted
	R1-074537	LS on paging grouping decision in RAN2	RAN2, Nokia	4	LS_in	= R2-074576	Noted
	R1-074538	LS on transmission mode for BCCH	RAN2, Ericsson	4	LS_in	= R2-074595	Noted
	R1-074539	LS on Status of Home NodeB work in RAN4	RAN4, Nokia Siemens Network	4	LS_in	= R4-071768	Noted
	R1-074540	UL Sounding RS Control Signaling for Closed Loop Antenna Selection	Mitsubishi Electric	6.2.2	Discussion/Decision		Not treated
	R1-074541	UE specific DPCC scrambling for low complexity blind detection	Mitsubishi Electric	6.2.3	Discussion/Decision		Not treated
	R1-074542	Summary of the e-mail discussion on HARQ Process	NTT DoCoMo	6.3	Discussion/Decision		Noted
	R1-074543	Summary of the e-mail discussion on UE categories	NTT DoCoMo	6.7	Discussion/Decision		Noted
	R1-074544	Clarification of UE measurements in case of Rx diversity	Ericsson	5	Discussion/Decision		Withdrawn - See R4-071937
	R1-074545	On downlink sync criteria in case of UE DTX/DRX	Ericsson	5	Discussion/Decision		Noted
	R1-074546	New E-DPCCH Information Mapping for Early E-TFCI Detection	Ericsson	5	Discussion/Decision		Noted
	R1-074547	25.212 CR257 (Rel-7, F) Correction of decimal to binary mapping in case of type B CQI	Ericsson	5	CR		Agreed
	R1-074548	25.214 CR468 (Rel-7, B) Removing the constraint that the same HS-SCCH should be used in contiguous TTIs	Ericsson	5	CR		Noted
	R1-074549	25.214 CR469 (Rel-7, D) Addition of TFRI to list of abbreviations	Ericsson	5	CR	R1-075030	Revised
	R1-074550	25.214 CR471 (Rel-7, D) Clarification of CQI definition	Ericsson	5	CR	R1-075008	Revised
	R1-074551	25.214 CR470 (Rel-7, F) Correction to Rel-7 E-DPDCCH gain factor calculation	Ericsson, NXP Semiconductors, Philips, Qualcomm Europe	5	CR		Agreed
	R1-074552	Further Study of Resource Allocation in Downlink	Mitsubishi Electric	6.2.3	Discussion/Decision		Not treated
	R1-074553	On HARQ RV definition	ZTE	6.3	Discussion/Decision		Not treated
	R1-074554	Multiplexing of Sounding RS and PUCCH	ZTE	6.2.2	Discussion/Decision		Not treated
	R1-074555	DL Resource Allocation in LTE	ZTE	6.2.3	Discussion/Decision		Not treated
	R1-074556	D-VRB to D-PRB Mapping for Nd=3	ZTE	6.2.5	Discussion/Decision		Not treated
	R1-074557	Cell-specific D-VRB Resource Allocation for DL Distributed Transmission	ZTE	6.2.5	Discussion/Decision		Not treated

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	R1-074558	UL Frequency Hopping Scheme in LTE	ZTE	6.2.5	Discussion/Decision		Not treated
	R1-074559	CCE allocation scheme in PDCCH for efficient blind detection	ZTE	6.2.3	Discussion/Decision		Not treated
	R1-074560	Considerations on DL signaling for support of SU- and MU-MIMO	ZTE	6.2.3	Discussion/Decision		Not treated
	R1-074561	Dedicated RS Pattern for DL beamforming	ZTE	6.2.1	Discussion/Decision		Not treated
	R1-074562	Observations on Half Duplex FDD Operation	Motorola	6.2.4	Discussion/Decision		Not treated
	R1-074563	Optimisation of Primary Synchronization Signal Sequence indices for Synchronous Network Operation	Motorola, TI, Marvell Semiconductors	6.2	Discussion/Decision		Not treated
	R1-074564	Dedicated Reference Symbol Pattern	Motorola	6.2.1	Discussion/Decision		Not treated
	R1-074565	RV definition	Motorola	6.3	Discussion/Decision	(R1-074031)	Resubmission - Not treated
	R1-074566	On supporting 1st stage turbo code rate matching	Motorola	6.3	Discussion/Decision	(R1-074032)	Resubmission - Noted
	R1-074567	Soft Buffer size per HARQ Process	Motorola	6.3	Discussion/Decision	(R1-074033)	Resubmission - Not treated
	R1-074568	Bit Scrambling Per Code Block	Motorola	6.3	Discussion/Decision	(R1-074034)	Resubmission - Not treated
	R1-074569	CRC length for Control Channels	Motorola	6.3	Discussion/Decision		Noted
	R1-074570	Further Clarification of UE Categories	Motorola	6.7	Discussion/Decision		Noted
	R1-074571	MIMO RS Structure for Unicast/MBMS-Mixed Scenarios	Motorola	6.2.1	Discussion/Decision	(R1-072682)	Resubmission
	R1-074572	Multiplexing of SRS and PUSCH	Motorola	6.2.2	Discussion/Decision	(R1-073987)	Not treated
	R1-074573	Views on Remaining Issues on UL DM RS	Motorola	6.2.2	Discussion/Decision	(R1-073988)	Not treated
	R1-074574	Views on Remaining Issues on UL SRS	Motorola	6.2.2	Discussion/Decision	(R1-073989)	Not treated
	R1-074575	Dedicated Reference Symbol CQI Generation	Motorola	6.2.1	Discussion/Decision		Not treated
	R1-074576	Support of Precoding for E-UTRA DL L1/L2 Control Channel	Motorola	6.2.3	Discussion/Decision	(R1-073990)	Resubmission - Not treated
	R1-074577	Requirement for DL PMI Signaling	Motorola	6.2.3	Discussion/Decision	(R1-073991)	Withdrawn
	R1-074578	PHICH Transmission for 1 Tx Antenna	Motorola	6.2.3	Discussion/Decision	(R1-073992)	Resubmission - Not treated
	R1-074579	PCFICH Transmission for 1 Tx Antenna	Motorola	6.2.3	Discussion/Decision	(R1-073993)	Resubmission - Not treated
	R1-074580	PHICH Channel Structure	Motorola	6.2.3	Discussion/Decision		Not treated
	R1-074581	Interleaver design and simulated performance for CCE to RE Mapping	Motorola	6.2.3	Discussion/Decision		Noted
	R1-074582	Downlink Resource Allocation Mapping for E-UTRA	Motorola	6.2.3	Discussion/Decision	(R1-073995)	Not treated
	R1-074583	Search Space definition for L1/L2 Control Channels	Motorola	6.2.3	Discussion/Decision	(R1-073996)	Not treated
	R1-074584	E-UTRA Downlink L1/L2 Control Channel Configurations	Motorola	6.2.3	Discussion/Decision	(R1-073997)	Not treated

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R1-074585	Efficient Structure for Aggregating 1[2][3]4[8] Downlink Control Channel Elements	Motorola	6.2.3	Discussion/Decision	(R1-073998)	Resubmission - Not treated	
R1-074586	PDCCCH Formats for DL Scheduling Assignments	Motorola	6.2.3	Discussion/Decision	(R1-073999)	Not treated	
R1-074587	PDCCCH Formats for UL Scheduling Grants	Motorola	6.2.3	Discussion/Decision	(R1-074000)	Not treated	
R1-074588	PHICH Assignment in E-UTRA	Motorola	6.2.3	Discussion/Decision		Not treated	
R1-074589	LTE Control channel configuration signaling and DRX	Motorola	6.2.3	Discussion/Decision	(R1-074003)	Not treated	
R1-074590	HARQ Process Identity for SU-MIMO	Motorola	6.2.3	Discussion/Decision		Missing	
R1-074591	Transport Block and MCS mapping for RB Allocation	Motorola	6.2.3	Discussion/Decision	(R1-074006)	Not treated	
R1-074592	PUCCH Transmission with SRS	Motorola	6.2.4	Discussion/Decision	(R1-074007)	Not treated	
R1-074593	UL ACK/NACK Resource Provisioning	Motorola	6.2.4	Discussion/Decision	(R1-074008)	Not treated	
R1-074594	Uplink transmission of CQI and Ack/Nack	Motorola	6.2.4	Discussion/Decision	(R1-074010)	Noted	
R1-074595	Repetition of UL ACK/NACK on PUCCH	Motorola	6.2.4	Discussion/Decision	(R1-074011)	Not treated	
R1-074596	CQI Coding Schemes	Motorola	6.2.4	Discussion/Decision	(R1-074013)	Resubmission - Not treated	
R1-074597	Impact of PUSCH Puncturing to Accommodate ACK/NACK	Motorola	6.2.4	Discussion/Decision		Missing	
R1-074598	Persistent Scheduling of PUCCH resources	Motorola	6.2.4	Discussion/Decision	(R1-074016)	Resubmission - Not treated	
R1-074599	Scheduling Request Mechanism for EUTRA Uplink	Motorola	6.2.4	Discussion/Decision	(R1-074012)	Resubmission - Not treated	
R1-074600	DL Distributed Transmission – Comparison of Nd=3 and Nd=2	Motorola	6.2.5	Discussion/Decision	(R1-074017)	Not treated	
R1-074601	A simple example of dynamic DVRB signaling	Motorola	6.2.5	Discussion/Decision	(R1-074018)	Not treated	
R1-074602	Downlink DVRB email reflector summary	Motorola	6.2.5	Discussion/Decision		Noted	
R1-074603	UL Resource Allocation for Frequency-diverse (hopping) Allocations	Motorola	6.2.5	Discussion/Decision	(R1-074020)	Not treated	
R1-074604	Uplink SCH Hopping Configuration email reflector summary	Motorola	6.2.5	Discussion/Decision		Noted	
R1-074605	Random Access E-mail Reflector Summary	Motorola	6.2.7	Discussion/Decision		Noted	
R1-074606	RACH Frequency Hopping Pattern	Motorola	6.2.7	Discussion/Decision		Not treated	
R1-074607	RACH for 1.4MHz System Bandwidth	Motorola	6.2.7	Discussion/Decision	(R1-074028)	Resubmission	
R1-074608	Timing at HARQ for HD-FDD	Motorola	6.4.1	Discussion/Decision		Withdrawn	
R1-074609	Remaining issues on UL PC	Motorola	6.4.2	Discussion/Decision		Noted	
R1-074610	Uplink Inter-Cell Power Control: X2 Messages	Motorola	6.4.3	Discussion/Decision	(R1-074042) R1-075045	Resubmission - Revised	
R1-074611	CQI Feedback Schemes for E-UTRA	Motorola	6.4.5	Discussion/Decision	(R1-074043)	Noted	

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R1-074612	Joint feedback for E-UTRA downlink precoding and CQI	Motorola	6.4.5	Discussion/Decision	(R1-074045)	Resubmission - Not treated	
R1-074613	MU-MIMO for E-UTRA	Motorola	6.4.5	Discussion/Decision	(R1-074046)	Resubmission - Not treated	
R1-074614	Sequence Grouping Method for UL RS	Huawei	6.2.2	Discussion/Decision	(R1-074057)	Resubmission - Not treated	
R1-074615	Control Signaling of MBMS for Single-cell Transmission	Huawei	6.2.3	Discussion/Decision	(R1-074059)	Resubmission - Not treated	
R1-074616	MBSFN Subframe Allocation Signaling	Huawei	6.2.3	Discussion/Decision		Not treated	
R1-074617	The number of UL sub-frame allocations indicated in UL schedule grant for LTE TDD	Huawei	6.2.3	Discussion/Decision		Not treated	
R1-074618	ACK/NACK repetition in E-UTRA uplink	Huawei	6.2.4	Discussion/Decision		Not treated	
R1-074619	Orthogonal Cover Maintained Resource-specific Cyclic shift hopping for UL ACK/NACK channels	Huawei	6.2.4	Discussion/Decision		Not treated	
R1-074620	Relation between UL ACK/NACK and DL CCE	Huawei	6.2.4	Discussion/Decision	(R1-074063)	Resubmission - Not treated	
R1-074621	25.214 CR472 (Rel-7, F) UE procedure for receiving HS-DSCH in the PCH state	Huawei	5	CR	R1-075052	Revised	
R1-074622	MBSFN remaining issues	Philips	6.2	Discussion / decision		Not treated	
R1-074623	Open issues on dedicated RS	Philips	6.2.1	Discussion / decision		Not treated	
R1-074624	Dedicated reference symbol pattern	Philips, NXP	6.2.1	Discussion / decision		Not treated	
R1-074625	Resource Allocation for E-DCH in Cell_FACH	Philips	8	Discussion / decision		Noted	
R1-074626	Proposal for resource allocation signalling on PDCCH	Philips	6.2.3	Discussion / decision		Not treated	
R1-074627	Signalling for UL resource allocation	Philips, NXP	6.2.3	Discussion / decision		Resubmission - Not treated	
R1-074628	PDSCH timing for power saving for paging in idle mode	Philips, NXP	6.2.3	Discussion / decision		Not treated	
R1-074629	Distributed DVRB mapping for EUTRA downlink	Philips	6.2.5	Discussion / decision		Missing	
R1-074630	Codebook for MU-MIMO	Philips, NXP	6.4.5	Discussion / decision		Resubmission - Not treated	
R1-074631	CQI definition for MU-MIMO	Philips, NXP	6.4.5	Discussion / decision		Resubmission - Not treated	
R1-074632	UE procedure for ACK/NACK detection	Philips, NXP	6.4.6	Discussion / decision		Resubmission - Not treated	
R1-074633	RS Structure Supporting a Short CP MBSFN	Nortel	6.2.1	Discussion / decision		Not treated	
R1-074634	RS Structure for Dedicated Transmission	Nortel	6.2.1	Discussion / decision		Not treated	
R1-074635	Further discussion on UL RS for UL MU-MIMO	Nortel	6.2.2	Discussion / decision		Not treated	
R1-074636	Further discussion on DL/UL signaling channel supporting rank adaptation for high mobility UE	Nortel	6.2.3	Discussion / decision		Not treated	
R1-074637	Design Principles for H-FDD Operation	Nortel	6.2.4	Discussion / decision		Not treated	
R1-074638	Discussions on the diversity VRB mapping	Nortel	6.2.5	Discussion / decision		Not treated	

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R1-074639	Power Balancing for 4 Tx Antennas	Nortel	6.4.2	Discussion / decision		Not treated	
R1-074640	UL Power Control with Fractional Frequency Reuse for E-UTRA	Nortel	6.4.2	Discussion / decision		Not treated	
R1-074641	Discussion on the DL interference coordination	Nortel	6.4.3	Discussion / decision		Noted	
R1-074642	Discussion on the Improvement of the Blind Detection of the antenna configuration	Nortel	6.4.5	Discussion / decision		Not treated	
R1-074643	Discussion on Rank Adaptation Based on Shadowing for High Speed UEs	Nortel	6.4.5	Discussion / decision		Not treated	
R1-074644	On the need of the rank adaptation for high speed UE	Nortel	6.4.5	Discussion / decision		Not treated	
R1-074645	System level simulation of adaptive MIMO for high speed UE	Nortel	6.4.5	Discussion / decision		Not treated	
R1-074646	Performance evaluation of CL MIMO performance under different UE speed	Nortel	6.4.5	Discussion / decision		Not treated	
R1-074647	Performance evaluation of Rank-1 and rank-2 Transmission for High Mobility UE	Nortel	6.4.5	Discussion / decision		Not treated	
R1-074648	MIMO feedback channel design (PMI, CQI and rank)	Nortel	6.4.5	Discussion / decision		Not treated	
R1-074649	Further discussion on the PHICH mapping	Nortel	6.2.3	Discussion / decision		Not treated	
R1-074650	Way-forward on Downlink transmission for High Mobility UE with multiple transmission antennas at NodeB	Nortel	6.4.5	Discussion / decision		Withdrawn	
R1-074651	25 214 CR473 (Rel-7, F) Clarification on HSDPA UE category in Rel-7	Alcatel-Lucent	5	CR	R1-075028	Revised	
R1-074652	25 214 CR474 (Rel-7, F) Clarification on E-DPDCH Power Extrapolation/Interpolation	Alcatel-Lucent	5	CR		Agreed	
R1-074653	Signaling of MBSFN Subframe Allocations	Alcatel-Lucent	6.2.3	Discussion / decision		Not treated	
R1-074654	Improving the Working Assumption on Dedicated Reference Signals	Alcatel-Lucent	6.2.1	Discussion / decision		Not treated	
R1-074655	Limitations of CQI Compression for Dual Codeword MIMO	Alcatel-Lucent	6.4.5	Discussion		Not treated	
R1-074656	Embedded Coding for PUCCH Transmissions of CQI+ACK/NACK	SHARP	6.2.4	Discussion / decision	(R1-074493)	Noted	
R1-074657	Different target quality levels for rank and PMI	SHARP	6.2.4	Discussion / decision	(R1-073942)	Not treated	
R1-074658	Way Forward for Information Transmission Format on the PUCCH	SHARP	6.2.4	Discussion / decision		Not treated	
R1-074659	Sub-band position encoding for Best-M based CQI reporting	SHARP	6.4.5	Discussion / decision	(R1-073946)	Not treated	
R1-074660	Consideration of CQI, PMI, and rank report feedback interval	SHARP	6.4.5	Discussion / decision	(R1-073947)	Not treated	
R1-074661	Clarification of CQI/PMI/rank reporting mechanisms on PUCCH/PUSCH	SHARP	6.4.5	Discussion / decision	(R1-073948)	Not treated	
R1-074662	25214CR0475 (Rel-7, F), Alignment of E-TFICI BetaED Switch with RRC signalling	Nokia, Nokia Siemens Networks	5	CR		Missing	
R1-074663	25212CR0256 (Rel-8, B) HS-SCCH information field mapping for 64QAM MIMO	Nokia, Nokia Siemens Networks, Philips, Ericsson, Qualcomm	7	CR	(R1-074299)	Agreed	
R1-074664	CELL_FACH state E-DCH – coverage comparison with 2 ms E-DCH included	Nokia, Nokia Siemens Networks	8	Discussion		Noted	
R1-074665	Comparison of methods for resource assignment	Nokia, Nokia Siemens Networks	8	Decision		Noted	
R1-074666	Analysis of AICH resource assignment methods for E-DCH access in CELL_FACH state	Nokia, Nokia Siemens Networks	8	Discussion		Noted	

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