

Available	Tdoc Number	Title	Source	Agenda Item	Type	Revised to (from)	Conclusion/Decision
Yes	R1-073240	Draft Agenda for RAN1#50 meeting	RAN1 Chairman	2	Decision	R1-073777	Revised
Yes	R1-073241	Draft report of RAN1#49b meeting	MCC Support	3	Approval		Revised
Yes	R1-073242	Receiver performance and enhanced CELL_FACH state	RAN2, LGE	5	LS_in	= R2-072334	Noted
Yes	R1-073243	Reply LS on physical layer aspects of Enhanced CELL_FACH state in FDD from WG1	RAN2, Alcatel-Lucent	5	LS_in	= R2-072335	Noted
Yes	R1-073244	LS on Introduction of Very low bitrate WB-AMR Combinations into 25.993	RAN2, NSN	5	LS_in	= R2-072987, R1-073816	Revised
Yes	R1-073245	LS on HS-SCCH less + MIMO	RAN2, Qualcomm	5	LS_in	= R2-072999	Noted
Yes	R1-073246	Physical Layer Aspects of eMBMS Counting	RAN2, IPWireless	5	LS_in	= R2-073003	Noted
Yes	R1-073247	[DRAFT] LS on Complementary Time Domain Filter for Neighbour Cell Measurements	RAN4, Ericsson	5	LS_in	= R4-071119	Noted
Yes	R1-073248	Update on Relevant RAN5 Agreed CRs to TS 34.108	RAN5, NTT DoCoMo	5	LS_in	= R5-071545	Noted
Yes	R1-073249	TS 36.212 v1.3.1	Qualcomm Europe	7.1	TS	R1-073821	Revised
Yes	R1-073250	OS for DL RS	Qualcomm Europe	7.2.1	Discussion/Decision		Noted
No	R1-073251	Dedicated RS for FS1	Qualcomm Europe	7.2.1	Discussion/Decision		Missing
Yes	R1-073252	DL RS periodicity	Qualcomm Europe	7.2.1	Discussion/Decision		Noted
Yes	R1-073253	Details on UL DM RS	Qualcomm Europe	7.2.2	Discussion/Decision		Noted
Yes	R1-073254	SRS multiplexing structure	Qualcomm Europe	7.2.2	Discussion/Decision		Not treated
Yes	R1-073255	PDCCH structure	Qualcomm Europe	7.2.3	Discussion/Decision		Not treated
Yes	R1-073256	Subband based allocation for PDSCH	Qualcomm Europe	7.2.3	Discussion/Decision		Not treated
Yes	R1-073257	PDCCH format for transmission of TPC commands	Qualcomm Europe	7.2.3	Discussion/Decision		Not treated
Yes	R1-073258	PHICH structure and multiplexing	Qualcomm Europe	7.2.3	Discussion/Decision		Not treated
Yes	R1-073259	Details on CQI format	Qualcomm Europe	7.2.4	Discussion/Decision		Not treated
Yes	R1-073260	Joint coding of CQI and ACK	Qualcomm Europe	7.2.4	Discussion/Decision		Not treated
Yes	R1-073261	Support of ACK repetition in the UL of E-UTRA	Qualcomm Europe	7.2.4	Discussion/Decision		Not treated
Yes	R1-073262	Details on scheduling requests	Qualcomm Europe	7.2.4	Discussion/Decision		Not treated
Yes	R1-073263	UL control details for TDD	Qualcomm Europe	7.2.4	Discussion/Decision		Not treated
Yes	R1-073264	PUSCH and PUCCH hopping patterns	Qualcomm Europe	7.2.5	Discussion/Decision		Not treated
Yes	R1-073265	Pseudo-random hopping pattern for PDSCH	Qualcomm Europe	7.2.5	Discussion/Decision		Not treated
Yes	R1-073266	Calibration procedures for TDD beamforming	Qualcomm Europe	7.2.6	Discussion/Decision		Not treated
Yes	R1-073267	Scrambling of SSC	Qualcomm Europe	7.2.7	Discussion/Decision		Not treated
Yes	R1-073268	CRC for multiple code block transmissions	Qualcomm Europe	7.3	Discussion/Decision		Not treated
Yes	R1-073269	Rate matching details for control and data multiplexing	Qualcomm Europe	7.3	Discussion/Decision		Not treated

Yes	R1-073270	Number of HARQ processes	Qualcomm Europe	7.3	Discussion/Decision		Not treated
No	R1-073271	UL power control details	Qualcomm Europe	7.4.2	Discussion/Decision		Missing
Yes	R1-073272	Details on UL antenna switching	Qualcomm Europe	7.4.5	Discussion/Decision		Not treated
Yes	R1-073273	D-BCH capacity	Qualcomm Europe	7	Information		Not treated
Yes	R1-073274	Final details on CDD precoding	Qualcomm Europe	7.2.6	Discussion/Decision		Not treated
Yes	R1-073275	Details for SSC specification	Qualcomm Europe	7.2.7	Discussion/Decision		Not treated
Yes	R1-073276	Transmission of coded bits from circular buffer	Qualcomm Europe	7.3	Discussion/Decision		Not treated
Yes	R1-073277	Transmission of coded blocks within the TTI	Qualcomm Europe	7.3	Discussion/Decision		Not treated
Yes	R1-073278	On the size of the CCE	Qualcomm Europe	7.2.3	Discussion/Decision		Not treated
Yes	R1-073279	Dimensioning of TDD PHICH	IPWireless	7.2.3	Discussion		Not treated
Yes	R1-073280	Dimensioning of TDD DL control signalling	IPWireless	7.2.3	Discussion		Not treated
Yes	R1-073281	Frame configurations for TDD frame structure type 1	IPWireless	7.2	Decision		Not treated
Yes	R1-073282	RACH for TDD frame structure type 1	IPWireless	7.2.9	Decision		Not treated
Yes	R1-073283	TDD PUCCH	IPWireless	7.2.4	Discussion		Not treated
No	R1-073284	Coding for TDD PUCCH	IPWireless	7.3	Discussion		Withdrawn
Yes	R1-073285	Measurements for power control	IPWireless, Nextwave Wireless	7.5	Discussion		Noted
Yes	R1-073286	TDD HARQ timing	IPWireless	7.3	Discussion		Not treated
Yes	R1-073287	Liaison Statement to RAN1 on LTE Transmission of SU-1 of System Information	RAN2, Ericsson	5	LS_in	= R2-072926	Noted
Yes	R1-073288	RS Structure Supporting Spatial Multiplexing for MBSFN	Nortel	7.2.1	Discussion/Decision		Not treated
Yes	R1-073289	Discussion on the Dedicated Demodulation RS	Nortel	7.2.1	Discussion/Decision		Noted
Yes	R1-073290	The Resource Element Mapping of PDCCH, PCFICH and PHICH	Nortel	7.2.3	Discussion/Decision		Not treated
Yes	R1-073291	Uplink Signaling Support for DL Rank Adaptation with Fixed Precoding	Nortel	7.2.4	Discussion/Decision		Not treated
Yes	R1-073292	Further Discussion on the Differential Feedback of PMI for LTE Downlink Closed-Loop MIMO	Nortel	7.2.4	Discussion/Decision		Not treated
Yes	R1-073293	Further Discussion on the Diversity VRB Mapping Schemes	Nortel	7.2.5	Discussion/Decision		Not treated
Yes	R1-073294	RB Hopping for Uplink Data Transmission	Nortel	7.2.5	Discussion/Decision		Not treated
Yes	R1-073295	Further Simulation Evaluation of 2x2 Pre-coding Gain	Nortel	7.2.6	Discussion		Not treated
Yes	R1-073296	Discussion on Rank Adaptation Based on Shadowing for High Speed UEs	Nortel	7.2.6	Discussion/Decision		Not treated
Yes	R1-073297	Rank Adaptation for Fixed Pre-coding	Nortel	7.2.6	Discussion/Decision		Not treated
Yes	R1-073298	Further discussion on Spatial Multiplexing for MBSFN	Nortel	7.2.6	Discussion/Decision		Not treated
Yes	R1-073299	Update on HARQ Performance Enhancement	Nortel	7.2.6	Discussion/Decision		Not treated
Yes	R1-073300	Precoding Matrix Verification Based on Beacon RS in E-UTRA Downlink	Nortel	7.2.6	Discussion/Decision		Not treated
Yes	R1-073301	UL MU-MIMO Performance Improvement for E-UTRA with SIC Receiver	Nortel	7.2.6	Discussion		Not treated
Yes	R1-073302	Further Discussion on RE Mapping of SFBC+FSTD Based TxD for Shared Data Channel	Nortel	7.2.6	Discussion/Decision		Not treated

Yes	R1-073303	RE Mapping of SFBC+FSTD Based TxD for PDCCH	Nortel	7.2.6	Discussion/Decision		Not treated
Yes	R1-073304	Performance Evaluation of Rate-2 SFBC versus Fixed Precoding with and without Long-delay CDD	Nortel	7.2.6	Discussion/Decision		Not treated
Yes	R1-073305	Discussion on Beamforming	Nortel	7.2.6	Discussion/Decision		Not treated
Yes	R1-073306	Link Level Evaluation on Fixed Beamforming plus MIMO Precoding versus Adaptive Beamforming	Nortel	7.2.6	Discussion/Decision		Not treated
Yes	R1-073307	Scrambling Code Designs for SSCH	Nortel	7.2.7	Discussion/Decision		Not treated
Yes	R1-073308	Further Discussion on the Mapping of Short Sequences for S-SCH	Nortel	7.2.7	Discussion/Decision		Not treated
Yes	R1-073309	The Detection of the Antenna Configuration	Nortel	7.2.8	Discussion/Decision		Not treated
Yes	R1-073310	FEC Code Block-based CRC	Nortel	7.3	Discussion/Decision		Not treated
Yes	R1-073311	UL Power Control with Fractional Frequency Reuse for E-UTRA	Nortel	7.4.2	Discussion/Decision		Not treated
Yes	R1-073312	Discussion on the DL Interference Coordination	Nortel	7.4.3	Discussion/Decision		Not treated
Yes	R1-073313	Further Discussion on UL Closed-loop Adaptive Antenna Switching	Nortel	7.4.6	Discussion/Decision		Not treated
Yes	R1-073314	MCS Selection for LTE	Nortel	7.4.5	Information		Not treated
Yes	R1-073315	Uplink Reference Signal Sequence Design	Toshiba	7.2.2	Discussion/Decision		Not treated
Yes	R1-073316	CAZAC sequence for PUCCH	Toshiba	7.2.4	Discussion		Not treated
Yes	R1-073317	Pre-coding Codebook for EUTRA MIMO Downlink	Toshiba	7.2.6	Discussion		Not treated
Yes	R1-073318	DL Transmit Diversity with Spatial Multiplexing for 4 TX antennas	LSI Corporation	7.2.6	Discussion/Decision		Not treated
Yes	R1-073319	Summary Results on OZCL Sequences for UL RS for LTE	SHARP	7.2.2	Discussion/Decision		Noted
Yes	R1-073320	Adaptive Best-M Based Scheme for CQI Reporting in the LTE UL	SHARP	7.2.4	Discussion/Decision		Not treated
Yes	R1-073321	Improved Flexibility/Performance CQI+ACK/NACK coding in the E-UTRA uplink	SHARP	7.2.4	Discussion/Decision		Not treated
Yes	R1-073322	UL physical channel for CQI report	SHARP	7.2.4	Discussion/Decision		Not treated
Yes	R1-073323	Proposed Scrambling sequences for S-SCH with embedded frame timing derivation	SHARP	7.2.7	Discussion/Decision		Not treated
Yes	R1-073324	25211CR242 (Rel-7, F) "PICH associated HS-SCCH for Enhanced CELL_FACH"	Nokia Siemens Networks, Nokia	6	CR	R1-073825	Revised
Yes	R1-073325	25211CR243 "Clarification for CPC feature"	Nokia Siemens Networks, Nokia	6	CR		Agreed
Yes	R1-073326	16QAM modulation selection algorithm for HSUPA	Nokia Siemens Networks, Nokia	6	Discussion		Noted
Yes	R1-073327	25212CR252 "16QAM modulation selection for HSUPA"	Nokia Siemens Networks, Nokia	6	CR		Agreed
Yes	R1-073328	25214CR452 "CPC preamble and postamble clarification for CQI transmission"	Nokia Siemens Networks, Nokia	6	CR	R1-073828	Revised
Yes	R1-073329	25214CR453 "Removal of Inactivity_Threshold_for_UE_Grant_Monitoring definition"	Nokia Siemens Networks, Nokia	6	CR		Agreed
Yes	R1-073330	25214CR454 "Corrections to HS-DSCH procedures for CELL_FACH and MIMO"	Nokia Siemens Networks, Nokia	6	CR	R1-073829	Revised
No	R1-073331	25214CR455 "CPC PC clarification"	Nokia Siemens Networks, Nokia	6	CR		Withdrawn
Yes	R1-073332	Rel-7 E-DPDCH gain factor calculation	Nokia, Nokia Siemens Networks	6	Discussion		Noted

Yes	R1-073333	25214CR456 "Correction to Rel-7 E-DPDCCH gain factor calculation"	Nokia, Nokia Siemens Networks	6	CR	R1-073831	Revised
Yes	R1-073334	Update to 64QAM CQI tables	Nokia, Nokia Siemens Networks	6	Discussion		Noted
Yes	R1-073335	25214CR457 "Clarification to applicability of CQI tables in Rel. 7"	Nokia, Nokia Siemens Networks	6	CR		Noted
Yes	R1-073336	25.211CR245 Clarifications on the use of S-CCPCH pilot bits for MBSFN FDD feature	Ericsson	6	CR		Agreed
Yes	R1-073337	25.212CR253 Clarifications of MIMO	Ericsson	6	CR		Agreed
Yes	R1-073338	25.214CR458 "Clarifications of MIMO and 64QAM"	Ericsson	6	CR	R1-073832	Revised
Yes	R1-073339	25.212CR254 "Clarifications of CPC and MIMO"	Ericsson	6	CR		Agreed
Yes	R1-073340	25.214CR459 Clarifications of CPC	Ericsson	6	CR		Agreed
Yes	R1-073341	25215 CR176 "Adding GANSS related measurements in the FDD physical layer measurements"	Alcatel-Lucent, Orange	6	CR	R1-073814	Revised
Yes	R1-073342	25211CR246 (Rel-7,) "Clarification on MICH"	Alcatel-Lucent	6	CR	R1-073826	Revised
Yes	R1-073343	25.211 CR0232r3 (Rel-7, C) "Enhanced F-DPCH"	Qualcomm Europe	6	CR		Agreed
Yes	R1-073344	25.212 CR255 (Rel-7, F) "RM1 transparent for HS-SCCH-less operation"	Qualcomm Europe	6	CR		Noted
Yes	R1-073345	25.214 CR460 (Rel-7, F) "E-DPDCCH scaling when UE is at max power"	Qualcomm Europe	6	CR	R1-073862	Revised
Yes	R1-073346	25.213 CR090 (Rel-7, D) "Editorial changes in 25.213 for 16QAM specification"	Qualcomm Europe	6	CR		Agreed
Yes	R1-073347	Impact of 64QAM+MIMO HSDPA operation in the DL	Qualcomm Europe, Ericsson	8	Discussion		Noted
Yes	R1-073348	Impact of 64QAM+MIMO HSDPA operation in the UL	Qualcomm Europe, Ericsson	8	Discussion		Noted
No	R1-073349	Overhead Analysis for PMI Downlink Signaling Using Single Bit PMI Indicator	InterDigital Communications LLC	7.2.3	Discussion		Missing
Yes	R1-073350	Performance Comparison of Distributed-Haar Based Compression for CQI Feedback in E-UTRA	InterDigital Communications LLC	7.2.4	Discussion		Not treated
Yes	R1-073351	Performance Comparison of Full Band CQI Reporting Using Haar Compression for E-UTRA	InterDigital Communications LLC	7.2.4	Discussion		Not treated
Yes	R1-073352	Binary Differential Feedback Using Existing Codebooks for E-UTRA	InterDigital Communications LLC	7.2.6	Discussion		Not treated
Yes	R1-073353	MU-MIMO Codebook Subset Selection and Signaling Considerations for E-UTRA	InterDigital Communications LLC	7.2.6	Discussion		Not treated
Yes	R1-073354	P-BCH TTI Boundry Detection using BPSK coding on S-SCH	InterDigital Communications LLC	7.2.7	Discussion		Not treated
Yes	R1-073355	E-UTRA Power control simulation results for various feedback approaches	InterDigital Communications LLC	7.4.2	Discussion		Noted
Yes	R1-073356	UL Sounding RS Protocol Design for Antenna Selection	Mitsubishi Electric	7.2.2	Discussion/Decision		Not treated
Yes	R1-073357	Antenna Selection with a Frequency-Hopped or Variable Bandwidth Sounding Reference Signal	Mitsubishi Electric	7.4.6	Discussion		Not treated
Yes	R1-073358	Update of 36.213 Physical Layer Procedure for E-UTRA	Motorola	7.1	TS	R1-073824	Revised
Yes	R1-073359	On supporting 1st stage turbo code rate matching	Motorola	7.3	Discussion/Decision		Not treated
Yes	R1-073360	Convolutional code rate matching in LTE	Motorola	7.3	Discussion/Decision		Not treated
Yes	R1-073361	Uplink channel interleaving	Motorola	7.3	Discussion/Decision		Noted
Yes	R1-073362	Downlink channel interleaving	Motorola	7.3	Discussion/Decision		Not treated
Yes	R1-073363	RE sizing for turbo code block segments	Motorola	7.3	Discussion/Decision		Not treated
Yes	R1-073364	Soft Buffer size per HARQ Process	Motorola	7.3	Discussion/Decision		Not treated

Yes	R1-073365	UE Capability	Motorola	7.3	Discussion/Decision		Not treated
Yes	R1-073366	HARQ timing	Motorola	7.3	Discussion/Decision		Not treated
No	R1-073367	eNode-B Measurements	Motorola	7.5	Discussion/Decision		Missing
Yes	R1-073368	UE Tx Power (PSD) Measurement and Reporting	Motorola	7.5	Discussion/Decision		Noted
Yes	R1-073369	Downlink Acknowledgement Mapping to RE's	Motorola	7.2.3	Discussion/Decision		Not treated
Yes	R1-073370	Support of Precoding for E-UTRA DL L1/L2 Control Channel	Motorola	7.2.3	Discussion/Decision		Not treated
Yes	R1-073371	E-UTRA Coverage	Motorola	7.2.3	Discussion/Decision		Not treated
Yes	R1-073372	Downlink Resource Allocation Mapping for E-UTRA	Motorola	7.2.3	Discussion/Decision		Noted
Yes	R1-073373	Search Space definition for L1/L2 Control Channels	Motorola	7.2.3	Discussion/Decision		Not treated
Yes	R1-073374	PDCCH Channel Estimation System impact (1 vs 2 DRS) on System Performance	Motorola	7.2.3	Discussion/Decision		Not treated
Yes	R1-073375	E-UTRA Downlink L1/L2 Control Channel Configurations	Motorola	7.2.3	Discussion/Decision		Not treated
Yes	R1-073376	E-UTRA Downlink L1/L2 Control Channel Design - PICH/AICH/DBCH	Motorola	7.2.3	Discussion/Decision		Not treated
Yes	R1-073377	Efficient Structure for Aggregating 12[3]48 Downlink Control Channel Elements	Motorola	7.2.3	Discussion/Decision		Not treated
Yes	R1-073378	PMI Downlink Signaling & PDCCH format	Motorola	7.2.3	Discussion/Decision		Not treated
Yes	R1-073379	UL ACK/NACK Resource Provisioning	Motorola	7.2.4	Discussion/Decision		Not treated
Yes	R1-073380	UL ACK/NACK Implicit Mapping	Motorola	7.2.4	Discussion/Decision		Not treated
Yes	R1-073381	UL ACK/NACK for TDD	Motorola	7.2.4	Discussion/Decision		Not treated
Yes	R1-073382	Scheduling Request Mechanism for EUTRA Uplink	Motorola	7.2.4	Discussion/Decision		Not treated
Yes	R1-073383	Joint feedback for E-UTRA downlink precoding and CQI	Motorola	7.2.4	Discussion/Decision		Not treated
Yes	R1-073384	CQI Feedback Schemes for E-UTRA	Motorola	7.2.4	Discussion/Decision		Not treated
Yes	R1-073385	CQI Coding Schemes	Motorola	7.2.4	Discussion/Decision		Not treated
Yes	R1-073386	Uplink transmission of CQI and Ack/Nack	Motorola	7.2.4	Discussion/Decision		Not treated
Yes	R1-073387	Performance of CQI Feedback Schemes	Motorola	7.2.4	Discussion/Decision		Not treated
Yes	R1-073388	UL L1/L2 control signals with data Multiplexing Details	Motorola	7.2.4	Discussion/Decision		Not treated
Yes	R1-073389	PDCCH Downlink Format for (MIMO) precoding and non-precoding modes	Motorola	7.2.4	Discussion/Decision		Not treated
Yes	R1-073390	PDCCH UL format	Motorola	7.2.4	Discussion/Decision		Not treated
Yes	R1-073391	Persistent Scheduling of PUCCH resources	Motorola	7.2.4	Discussion/Decision		Not treated
Yes	R1-073392	E-UTRA DL Distributed Transmission Mapping rules and Performance	Motorola	7.2.5	Discussion/Decision		Noted
Yes	R1-073393	DL distributed transmission summary	Motorola	7.2.5	Discussion/Decision		Noted

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