

		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	R1-081165	Draft Agenda for RAN1#52bis meeting	RAN1 Chairman	2	Decision		Approved
Yes	R1-081166	Draft report of RAN1#52 meeting	MCC Support	3	Approval	R1-081574	Revised
Yes	R1-081167	Reply LS on CSG related mobility (stage 2 text)	GERAN, Nokia Siemens Networks	4	LS_in	= GP-080417	Noted
Yes	R1-081168	Reply LS on code rate limitations for HS-DSCH UE cat 13 and 15	RAN2, Ericsson	4	LS_in	= R2-081311	Noted
Yes	R1-081169	Response LS to RAN5 on HSPA RB and SRB configurations in 34.108	RAN2, Ericsson	4	LS_in	= R2-081319	Noted
Yes	R1-081170	LS on new MCCH radio bearer configuration in 34.108	RAN2, Ericsson	4	LS_in	= R2-081320	Noted
Yes	R1-081171	Reply LS on radio problem detection as part of radio link failure handling	RAN2, Ericsson	4	LS_in	= R2-081358	Noted
Yes	R1-081172	LS on the change rate of physical layer parameters	RAN2, Ericsson	4	LS_in	= R2-081362	Noted
Yes	R1-081173	LS on various aspects related to GERAN to E-UTRAN interworking	RAN2, Motorola	4	LS_in	= R2-081363	Noted
Yes	R1-081174	LS on PRB usage measurements in reply to R1-080617	RAN2, NTT DoCoMo	4	LS_in	= R2-081368	Noted
Yes	R1-081175	Reply LS on Signalling of additional spectrum emission requirements	RAN3, Motorola	4	LS_in	= R3-080449	Noted
Yes	R1-081176	LS on RAN performance monitoring	RAN3, NTT DoCoMo	4	LS_in	= R3-080530	Noted
Yes	R1-081177	LS on Self Configuring and Self Optimizing Network Use Cases and Solutions TR	RAN3, T-Mobile	4	LS_in	= R3-080536	Noted
Yes	R1-081178	LS on UTRAN enhancements for the support of inter-cell interference cancellation	RAN3, Qualcomm	4	LS_in	= R3-080548	Noted
Yes	R1-081179	LS on implications of MIMO precoding schemes on RAN4 requirements	RAN4, Nokia	4	LS_in	= R4-080426	Noted
Yes	R1-081180	LS on Scale of Reported Measurement Quantities	RAN4, Ericsson	4	LS_in	= R4-080484	Noted
Yes	R1-081181	Response to LS on switch time requirements for LTE TDD	RAN4, Ericsson	4	LS_in	= R4-080535	Noted
Yes	R1-081182	LS on signalling Intra/Inter-frequency measurement bandwidth	RAN4, NTT DoCoMo	4	LS_in	= R4-080541	Noted
Yes	R1-081183	LS reply on RAN Performance monitoring	SA5, Nokia Siemens Networks	4	LS_in	= S5-080540	Noted
Yes	R1-081184	Mapping detail for the distributed allocation	Mitsubishi Electric	6.1.5	Discussion/Decision		Not treated
Yes	R1-081185	Performance of PMI Compression Schemes for E-UTRA: Results for Rank-1 Precoding	Icera Semiconductor	6.3.5	Discussion/Decision		Not treated
Yes	R1-081186	Performance of PMI Compression Schemes for E-UTRA: Results for Rank-2 Precoding	Icera Semiconductor	6.3.5	Discussion/Decision		Not treated
Yes	R1-081187	Dedicated RS Design for Extended CP	Nortel	6.1.1	Discussion/Decision		Noted
Yes	R1-081188	Impact of Common Reference Signal Density in BF zone	Nortel	6.1.1	Discussion/Decision		Noted
No	R1-081189	UL RS issue for supporting UL SDMA	Nortel	6.1.2	Discussion/Decision		Withdrawn
Yes	R1-081190	MCS Table Design for eNB	Nortel	6.1.3	Discussion/Decision		Not treated
Yes	R1-081191	Power Balancing for 4 Tx Antennas	Nortel	6.3.2	Discussion/Decision		Not treated
Yes	R1-081192	Further discussion on DL/UL signaling channel supporting rank adaptation for high mobility UE	Nortel	6.3.5	Discussion/Decision		Not treated
Yes	R1-081193	Differential PMI feedback	Nortel	6.3.5	Discussion/Decision		Not treated
Yes	R1-081194	Need of procedure for supporting MU-MIMO	Nortel	6.3.8	Discussion/Decision		Not treated

Yes	R1-081195	PDCCH transport block signaling	Panasonic	6.1.3	Discussion/D ecision	R1-081196	Noted - Revised
Yes	R1-081196	PDCCH transport block signalling	Panasonic	6.1.3	Discussion/D ecision	(R1-081195)	Not treated
Yes	R1-081197	Gap and index interleaver design for DVRB mapping	Panasonic	6.1.5	Discussion/D ecision		Not treated
Yes	R1-081198	Necessity of the scrambling for ACK/NACK on PUCCH	Panasonic	6.1.4	Discussion/D ecision	(R1-080978)	Not treated
Yes	R1-081199	Necessity of the scrambling for the reference signal of CQI in PUCCH	Panasonic	6.1.4	Discussion/D ecision	(R1-080979)	Not treated
Yes	R1-081200	ACK/NACK repetition and Implicit Resource Allocation for PUCCH - Resubmission of R1-080981	Panasonic	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081201	Sounding RS parameters	Panasonic	6.1.2	Discussion/D ecision	(R1-080984)	Not treated
Yes	R1-081202	Effect of set S on CQI reports	Panasonic	6.3.5	Discussion/D ecision	(R1-080986)	Not treated
Yes	R1-081203	RI reporting scheme on periodic wideband PUCCH	Panasonic	6.3.5	Discussion/D ecision		Not treated
Yes	R1-081204	Control signalling for downlink MU-MIMO	Panasonic	6.1.3	Discussion/D ecision		Re-submission of R1-080990
Yes	R1-081205	Miscellaneous items on RACH	Panasonic	6.3.4	Discussion/D ecision		Noted
Yes	R1-081206	BCCH on DL-SCH	Panasonic	6.1.7	Discussion/D ecision		Noted
Yes	R1-081207	UE soft buffer	Panasonic	6.2	Discussion/D ecision		Agreed
Yes	R1-081208	Summary of Reflector Discussions on EUTRA DL RS	Samsung	6.1.1	Discussion		Noted
Yes	R1-081209	Summary of Reflector Discussions on EUTRA UL RS	Samsung	6.1.2	Discussion		Noted
Yes	R1-081210	SRS transmission in UpPTS	Samsung	6.1.2	Discussion/D ecision		Not treated
Yes	R1-081211	SRS indication for TDD	Samsung	6.1.2	Discussion/D ecision		Not treated
Yes	R1-081212	UE-specific search spaces	Samsung	6.1.3	Discussion/D ecision		Noted
Yes	R1-081213	MCS/TBS indication for DL-SCH and UL-SCH	Samsung	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081214	TBS table design for DL-SCH and UL-SCH	Samsung	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081215	DL PHICH Remapping with UL RB Size	Samsung	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081216	DCI Payload Formats and Contents	Samsung	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081217	Compact UL-SCH Assignment in E-UTRA	Samsung	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081218	Results for the linkage between PUSCH MCS and ACK/NACK resource amount on PUSCH	Samsung	6.1.4	Discussion/D ecision		Noted
Yes	R1-081219	CCE to uplink ACK/NACK mapping in TDD	Samsung	6.1.4	Discussion/D ecision		Noted
Yes	R1-081220	Multiplexing of Rank and CQI/PMI in PUSCH channel	Samsung	6.1.4	Discussion/D ecision	R1-081616	Revised
Yes	R1-081221	ACK/NAK DTX Detection in the PUSCH	Samsung	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081222	ACK/NAK Repetitions in E-UTRA UL	Samsung	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081223	Multiplexing Control and Data in the PUSCH	Samsung	6.1.4	Discussion/D ecision		Not treated

Yes	R1-081224	Increasing PUCCH Multiplexing Capacity	Samsung	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081225	Remaining details on uplink PUSCH hopping	Samsung	6.1.5	Discussion/D ecision	R1-081605	Revised
Yes	R1-081226	Correction to UE PUSCH Hopping procedure	Samsung	6.1.5	Discussion/D ecision	R1-081621	Revised
Yes	R1-081227	DVRB to PRB mapping in DwPTS	Samsung	6.1.6	Discussion/D ecision		Not treated
Yes	R1-081228	PDSCH-to-RE mapping robust against CCFI reception errors	Samsung	6.1.7	Discussion/D ecision		Not treated
Yes	R1-081229	On Gold sequence initialization	Samsung	6.1.7	Discussion/D ecision		Noted
Yes	R1-081230	Further discussion on data power setting for PDSCH	Samsung	6.3.2	Discussion/D ecision		Not treated
Yes	R1-081231	Power Scaling and DL RS boosting	Samsung	6.3.2	Discussion/D ecision		Not treated
Yes	R1-081232	RE puncturing pattern for RS boosting	Samsung	6.3.2	Discussion/D ecision		Not treated
Yes	R1-081233	Transmission Power Control Using DM RS for UL VoIP	Samsung	6.3.2	Discussion/D ecision		Noted
Yes	R1-081234	Summary of email discussion on CQI reporting	Samsung	6.3.5	Discussion		Noted
Yes	R1-081235	SU-MIMO PMI feedback and Compression	Samsung	6.3.5	Discussion/D ecision		Not treated
Yes	R1-081236	CQI Reporting for MU-MIMO	Samsung	6.3.5	Discussion/D ecision		Not treated
Yes	R1-081237	Relation of Rank report and PUCCH CQI/PMI reports	Samsung	6.3.5	Discussion/D ecision		Not treated
No	R1-081238	Timing for Enhanced Uplink in Cell_FACH	Samsung	7	Discussion/D ecision		Missing
Yes	R1-081239	UE procedure after receiving NACK indication	Samsung	7	Discussion/D ecision		Noted
Yes	R1-081240	Discussion on HS-PDSCH serving cell change procedure	Samsung	8	Discussion/D ecision		Noted
Yes	R1-081241	Considerations on dual-cell HSDPA operation	Samsung	9	Discussion		Noted
Yes	R1-081242	On overload indicator triggering and reporting format	SHARP	6.3.3	Discussion/D ecision		Not treated
Yes	R1-081243	VoIP Capacity Improvement by CQI Optimization in PUCCH	SHARP	6.3.5	Discussion/D ecision	(R1-080763)	Not treated
Yes	R1-081244	PMI Synchronization Issues	SHARP	6.3.5	Discussion/D ecision		Not treated
Yes	R1-081245	Further clarification for the periodic reporting on PUSCH	SHARP	6.3.5	Discussion/D ecision		Noted
Yes	R1-081246	Text Proposal on sequence ordering table of PRACH	LG Electronics	6.3.4	Discussion/D ecision		Noted
Yes	R1-081247	Draft response to LS on implications of MIMO precoding schemes on RAN4 requirements	LG Electronics, Samsung, ETRI	4	Discussion/D ecision		Noted
Yes	R1-081248	PRS sequence generation for downlink reference signal	LG Electronics	6.1.1	Discussion/D ecision		Noted
Yes	R1-081249	Consideration on UL sounding operation	LG Electronics	6.1.2	Discussion/D ecision		Not treated
Yes	R1-081250	Considerations on the design of transport block size table	LG Electronics	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081251	Randomization Function for PDCCH search space	LG Electronics	6.1.3	Discussion/D ecision	R1-081567	Revised
No	R1-081252	PHICH resource allocation in TDD	LG Electronics	6.1.3	Discussion/D ecision		Missing

Yes	R1-081253	PMI-field compression in PDCCH contents for 4 Tx MIMO	LG Electronics	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081254	Downlink Control Signaling for SU-MIMO	LG Electronics	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081255	Multiplexing of Rank, CQI and Data in PUSCH	LG Electronics	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081256	Handling problem with uplink ACK/NACK bundling	LG Electronics	6.1.4	Discussion/D ecision		Noted
Yes	R1-081257	Uplink ACK/NACK resource allocation in TDD	LG Electronics	6.1.4	Discussion/D ecision	R1-081568	Revised
Yes	R1-081258	Efficient Utilization of Unused PUCCH RB	LG Electronics	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081259	Consideration on Punctured PUCCH Format	LG Electronics	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081260	Downlink DVRB interleaver design	LG Electronics	6.1.5	Discussion/D ecision		Not treated
Yes	R1-081261	SCH structure for dedicated MBMS	LG Electronics	6.1.7	Discussion/D ecision		Not treated
Yes	R1-081262	Further System Level Evaluation of Closed-loop MIMO	LG Electronics	6.1.7	Discussion		Not treated
Yes	R1-081263	Detail of CQI coding on PUSCH piggybacked from PUCCH	LG Electronics	6.2	Discussion		Noted
Yes	R1-081264	Performance of ACK/NACK subcode in joint coding on PUCCH for extended CP	LG Electronics	6.2	Discussion		Noted
Yes	R1-081265	Consideration on Per-antenna Power Scaling for Full Power Transmission in 4Tx Antennas	LG Electronics	6.3.2	Discussion/D ecision		Not treated
Yes	R1-081266	Further Consideration on 2Tx Open-loop SM	LG Electronics	6.3.5	Discussion/D ecision		Noted
Yes	R1-081267	CQI Table for 4x2 Open Loop MIMO	Infineon Technologies	6.3.5	Discussion/D ecision		Not treated
Yes	R1-081268	Clarification on the number of codes in HS-SCCH less first transmission	InterDigital Communications LLC	5	Discussion/D ecision	R1-081598 R1-081599	Revised
Yes	R1-081269	Potential Issues Related to E-AICH Reliability	InterDigital Communications LLC	7	Discussion/D ecision		Noted
Yes	R1-081270	Inter-cell interference with E-DCH in CELL_FACH	InterDigital Communications LLC	7	Discussion/D ecision	R1-081597	Revised
Yes	R1-081271	Variable-length Block-Code for CQI on PUSCH	Marvell	6.2	Discussion		Noted
Yes	R1-081272	Edge treatment for frequency-selective CQI format on PUSCH	Marvell	6.3.5	Discussion		Not treated
Yes	R1-081273	Edge treatment for spatial differential CQI format on PUCCH	Marvell	6.3.5	Discussion		Not treated
Yes	R1-081274	Physical layer parameters to specify for transmit antenna selection: Summary of remaining UL SRS related issues and way forward	Mitsubishi Electric	6.1.2	Discussion/D ecision		Not treated
Yes	R1-081275	Combined fixed and adaptive resource allocation method for inter-cell interference coordination	Mitsubishi Electric	6.3.3	Discussion		Not treated
Yes	R1-081276	RACH email reflector summary	Motorola	6.3.4	Discussion/D ecision		Noted
No	R1-081277	Remaining details on UL DM RS hopping pattern generation	Motorola	6.1.2	Discussion/D ecision		Missing
Yes	R1-081278	Cyclic Shift values for UL RS	Motorola	6.1.2	Discussion/D ecision		Not treated
Yes	R1-081279	Open Issues on UL Sounding RS	Motorola	6.1.2	Discussion/D ecision		Not treated
Yes	R1-081280	Multiplexing of SRS and PUSCH	Motorola	6.1.2	Discussion/D ecision		Not treated
Yes	R1-081281	Way forward on Indication of UE antenna selection for PUSCH	Motorola, Mitsubishi, Nortel	6.1.2	Decision		Not treated
Yes	R1-081282	Uplink Grant Signalling for TDD	Motorola	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081283	Control Signalling for Single-Cell MBMS Transmission	Motorola	6.1.3	Discussion/D ecision		Not treated

Yes	R1-081284	TBS and MCS Signaling and Tables	Motorola	6.1.3	Discussion/D ecision	R1-081638	Noted - Revised
Yes	R1-081285	PHICH/UL Grant Resource Assignment and Dimensioning for TDD	Motorola	6.1.3	Discussion/D ecision		Noted
Yes	R1-081286	PHICH resource signaling for TDD and FDD	Motorola	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081287	Open Issues on PDCCH Formats and Contents	Motorola	6.1.3	Discussion/D ecision		Not treated
No	R1-081288	CCE Sizing	Motorola	6.1.3	Discussion/D ecision		Missing
Yes	R1-081289	PDCCH Search Space Assignment Hashing Function	Motorola	6.1.3	Discussion/D ecision	R1-081586	Revised - Noted
Yes	R1-081290	PDCCH Coverage 1248 vs 124 vs 12 with limited PC dynamic range	Motorola	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081291	Repetition of UL ACK/NACK on PUCCH	Motorola	6.1.4	Discussion/D ecision		Noted
Yes	R1-081292	Uplink ACK/NACK for TDD	Motorola	6.1.4	Discussion/D ecision		Noted
Yes	R1-081293	PUCCH ACK/NACK Transmission and Index Mapping for TDD	Motorola	6.1.4	Discussion/D ecision		Noted
Yes	R1-081294	PUCCH CQI Payload Coverage Analysis	Motorola	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081295	Resource Provision for UL control in PUSCH	Motorola	6.1.4	Discussion/D ecision		Noted
Yes	R1-081296	Control and Data Multiplexing on PUSCH	Motorola	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081297	Remaining details on Nd=2 DVRB operation	Motorola	6.1.5	Discussion/D ecision		Not treated
Yes	R1-081298	Downlink DVRB email reflector summary	Motorola	6.1.5	Discussion/D ecision		Noted
Yes	R1-081299	Uplink SCH Hopping email reflector summary	Motorola	6.1.5	Discussion/D ecision		Noted
No	R1-081300	Remaining details on Nd=2 DVRB operation	Motorola	6.1.5	Discussion/D ecision		Missing
Yes	R1-081301	Open issues on UL slot hopping	Motorola	6.1.5	Discussion/D ecision		Not treated
No	R1-081302	PRACH Configuration for TDD	Motorola	6.1.6	Discussion/D ecision		Withdrawn
Yes	R1-081303	Remaining DL:UL Allocation for TDD	Motorola	6.1.6	Discussion/D ecision		Noted
Yes	R1-081304	RV for UL Subframe Bundling	Motorola	6.2	Discussion/D ecision		Not treated
Yes	R1-081305	36.213 CR0003 (Rel-8, F) Correct PUCCH assignment timing in section 10.1 and document formatting	Motorola	6.3	CR	R1-081583	Noted - Revised
Yes	R1-081306	36.213 CR0004 (Rel-8, F) Modify DL power control nomenclature to match R1-081134	Motorola	6.3	CR		Withdrawn
Yes	R1-081307	36.213 CR0005 (Rel-8, B) Proposed: intra-CCE REG EPRE requirement	Motorola	6.3.2	CR	R1-081593	Revised
No	R1-081308	Po for PUCCH and PUSCH	Motorola	6.3.2	Discussion/D ecision		Withdrawn
Yes	R1-081309	Small fixes needed for UL-PC	Motorola	6.3.2	Discussion/D ecision		Noted
Yes	R1-081310	Per Antenna Power Scaling on the PDSCH	Motorola	6.3.2	Discussion/D ecision		Not treated
Yes	R1-081311	PHICH and PDCCH Power Control requirement	Motorola	6.3.2	Discussion/D ecision	R1-081594	Revised

Yes	R1-081312	Set S for CQI feedback	Motorola	6.3.5	Discussion/D ecision		Not treated
Yes	R1-081313	Timing relationship between RI, WB- and FS-CQI/PMI Reports on PUCCH	Motorola	6.3.5	Discussion/D ecision		Not treated
No	R1-081314	Interference measurement for CQI report	Motorola	6.3.5	Discussion/D ecision		Withdrawn
No	R1-081315	Mapping of precoded WB CQI to non-precoded WB CQI	Motorola	6.3.5	Discussion/D ecision		Missing
Yes	R1-081316	LBRM for TDD	Motorola	6.5	Discussion/D ecision		Noted
Yes	R1-081317	Resource allocation type modification to reduce PDCCH overhead	ASUSTeK	6.3.8	Discussion/D ecision		Not treated
Yes	R1-081318	Dual Cell HSDPA Operation Consideration	HUAWEI	9	Discussion/D ecision		Noted
No	R1-081319	Discussion on the inter-cell interference for EUL	HUAWEI	7	Discussion/D ecision		Missing
Yes	R1-081320	Default E-DCH resource	NEC Group	7	Discussion		Noted
Yes	R1-081321	DRS Pattern for Extended CP	CATT	6.1.1	Discussion/D ecision		Noted
Yes	R1-081322	Overhead Reduction for BF	CATT	6.1.1	Discussion/D ecision	R1-081572	Revised
Yes	R1-081323	DL HARQ timing for TDD	CATT	6.3.7	Discussion/D ecision		Noted
Yes	R1-081324	Multi-TTI Scheduling for LTE TDD UL	CATT	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081325	Multiple ACK/NACKs transmission for TDD	CATT	6.1.4	Discussion/D ecision		Noted
Yes	R1-081326	Indication of PHICH resource for TDD	CATT, RITT	6.1.3	Discussion/D ecision		Noted
Yes	R1-081327	Sounding reference signals in UpPTS for TDD	CATT, CMCC, RITT, Ericsson, Huawei	6.1.2	Discussion/D ecision		Not treated
Yes	R1-081328	UL HARQ timing for TDD	CATT	6.3.7	Discussion/D ecision		Noted
Yes	R1-081329	LBRM for TDD	CATT	6.5	Discussion/D ecision		Noted
Yes	R1-081330	On antenna calibration of LTE	CATT	6.3.4	Discussion/D ecision		Not treated
Yes	R1-081331	Control Region on the PUSCH	Freescall Semiconductor	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081332	SRS Bandwidth and Starting Point Signaling	Freescall Semiconductor	6.1.2	Discussion/D ecision		Not treated
No	R1-081333	CCE Size Selection and the Hashing Function	Freescall Semiconductor	6.1.3	Discussion/D ecision		Missing
Yes	R1-081334	25.224 CR0174R1 (Rel-7, Cat F) on EUL power control clarification for 1.28Mcps TDD	TD Tech	5	CR		Agreed
Yes	R1-081335	25.224 CR0180 (Rel-7, Cat F) on power offset clarification for 1.28Mcps TDD	TD Tech	5	CR		Withdrawn
Yes	R1-081336	25.222 CR0147 (Rel-7, Cat F) on E-HICH coding clarification for 1.28Mcps TDD	TD Tech	5	CR	R1-081634	Revised
Yes	R1-081337	25.224 CR0181 (Rel-7, Cat F) on E-AGCH/E-HICH joint power control for 1.28Mcps TDD	TD Tech	5	CR	R1-081636	Revised
Yes	R1-081338	Dedicated RS design w/wo overhead reduction	TD Tech	6.1.1	Discussion/D ecision		Noted
Yes	R1-081339	ACK/NACK Multiplexing in PUSCH in TDD	TD Tech	6.1.4	Discussion		Noted
Yes	R1-081340	Frequency hopping for TDD RACH	TD Tech	6.1.6	Discussion/D ecision		Noted

Yes	R1-081341	DRX aspect in 1.28Mcps TDD enhanced CELL_FACH scope	TD Tech	11	Discussion/D ecision		Not treated
Yes	R1-081342	Simulation results for standalone midamble	TD Tech	11	Discussion/D ecision	R1-081601	Revised
Yes	R1-081343	Standalone midamble usage for ACK/NACK feedback in enhanced CELL_FACH state for 1.28Mcps TDD	TD Tech	11	Discussion/D ecision		Noted
Yes	R1-081344	Mapping between HS-DSCH RNTI and E-RNTI in Enhanced CELL_FACH for 1.28mcps	TD Tech	11	Discussion/D ecision	R1-081602	Revised
Yes	R1-081345	Procedural analysis of Enhanced Uplink for CELL_FACH state	TD Tech	11	Discussion/D ecision		Not treated
Yes	R1-081346	Resource allocation method analysis of Enhanced Uplink for CELL_FACH state	TD Tech	11	Discussion/D ecision		Not treated
Yes	R1-081347	Discussion on reducing downlink signalling overhead in eFACH state	TD Tech	11	Discussion/D ecision		Noted
Yes	R1-081348	Uplink reference signal design for 1.28Mcps TDD CPC scope	TD Tech	12	Discussion/D ecision		Not treated
Yes	R1-081349	Some suggestions on scheduling in CPC for 1.28Mcps TDD	TD Tech	12	Discussion/D ecision		Noted
No	R1-081350	DTX/DRX aspect for 1.28Mcps TDD CPC	TD Tech	12	Discussion/D ecision		Missing
Yes	R1-081351	MIMO simulation results for 1.28Mcps TDD HSPA+ scope	TD Tech	13	Discussion/D ecision		Noted
Yes	R1-081352	Text proposal to TR 25.824 for 1.28Mcps TDD Layer 2 Enhancement	TD Tech	13	Discussion/D ecision		Agreed
Yes	R1-081353	Performance Targets for AICH/E-AICH based E-DCH Resource Allocation Scheme	Qualcomm Europe	7	Decision		Noted
Yes	R1-081354	Efficient utilization of DL HS-resources in CELL_FACH	Qualcomm Europe	7	Discussion		Noted
Yes	R1-081355	Link Analysis of HS-SCCH based and E-RGCH based Serving Cell Change Command Schemes	Qualcomm Europe	8	Discussion		Noted
Yes	R1-081356	Link Analysis of Dual Scrambling Code and CQI31 based Serving Cell Change Confirmation schemes	Qualcomm Europe	8	Discussion		Noted
Yes	R1-081357	Inter-cell Interference Cancellation in CELL_DCH and CELL_FACH	Qualcomm Europe	4	Discussion		Noted
Yes	R1-081358	HS-DPCCH Design for Dual Carrier HSDPA	Qualcomm Europe	9	Discussion		Noted
Yes	R1-081359	Link Analysis of HS-DPCCH ACK/NACK for Dual Carrier HSDPA	Qualcomm Europe	9	Discussion		Noted
Yes	R1-081360	Link Analysis of HS-DPCCH CQI for Dual Carrier HSDPA	Qualcomm Europe	9	Discussion		Noted
Yes	R1-081361	System Benefits of Dual Carrier HSDPA	Qualcomm Europe	9	Discussion		Noted
Yes	R1-081362	TR skeleton	Qualcomm Europe	9	Discussion	R1-081655	Revised
Yes	R1-081363	Introduction of 25.321 CR on EUL TBS table change	RITT, TD Tech, CATT, ZTE, Spreadtrum	5	Decision		Noted
Yes	R1-081364	Sounding Reference Signal In Support of Scheduling Request in E-UTRA	Texas Instruments	6.1.2	Discussion/D ecision		Not treated
Yes	R1-081365	UL DM RS Cyclic Shift Values and Hopping Formula	Texas Instruments	6.1.2	Discussion/D ecision		Not treated
Yes	R1-081366	Views on SRS Parameters	Texas Instruments	6.1.2	Discussion/D ecision		Not treated
Yes	R1-081367	PDCCH Content and Formats	Texas Instruments	6.1.3	Discussion/D ecision		Not treated
No	R1-081368	Blind decoding for PDCCH	Texas Instruments	6.1.3	Discussion/D ecision		Missing
Yes	R1-081369	Supportable MCS for E-UTRA Downlink	Texas Instruments	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081370	Coding of control information on PUSCH	Texas Instruments	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081371	Error protection of CQI reporting	Texas Instruments	6.1.4	Discussion/D ecision		Not treated

Yes	R1-081372	ACK/NAK Repetition in EUTRA Uplink	Texas Instruments	6.1.4	Discussion/Decision		Not treated
Yes	R1-081373	Explicit DTX Signaling with ACK/NAK Bundling in TDD	Texas Instruments, Huawei	6.1.4	Discussion/Decision		Noted
Yes	R1-081374	On Remaining Issues of PUCCH Slot Based CS/OC Remapping	Texas Instruments, Samsung, Panasonic	6.1.4	Discussion/Decision		Not treated
Yes	R1-081375	Dynamic ACK/NAK Channelization on PUCCH	Texas Instruments	6.1.4	Discussion/Decision		Not treated
Yes	R1-081376	SRI Resource Configuration on PUCCH	Texas Instruments	6.1.4	Discussion/Decision		Not treated
Yes	R1-081377	Performance of Scheduling Requests through SRI and PRACH	Texas Instruments	6.1.4	Discussion/Decision		Not treated
Yes	R1-081378	Interference between Sounding Reference Signal and PRACH	Texas Instruments	6.1.2	Discussion/Decision		Not treated
Yes	R1-081379	Performance of wideband precoding and small delay CDD	Texas Instruments	6.1.7	Discussion/Decision		Noted
Yes	R1-081380	Analysis on Downlink Power Setting	Texas Instruments	6.3.2	Discussion/Decision	R1-081588	Revised
Yes	R1-081381	Dynamic Range of Downlink Power Setting	Texas Instruments	6.3.2	Discussion/Decision		Not treated
Yes	R1-081382	Remaining Issues on CQI/PMI/RI Reporting	Texas Instruments	6.3.5	Discussion/Decision	R1-081624	Revised
Yes	R1-081383	CQI Reporting on PUSCH	Texas Instruments	6.3.5	Discussion/Decision		Not treated
Yes	R1-081384	TDD Uplink HARQ Timing Design	CMCC, Huawei	6.3.7	Discussion/Decision	R1-081579	Revised
Yes	R1-081385	CQI Table for 2x2 Open Loop MIMO	Infineon Technologies	6.1.7	Discussion/Decision		Not treated
Yes	R1-081386	Downlink Control Signaling for MU-MIMO	InterDigital Communications LLC	6.1.3	Discussion/Decision		Not treated
Yes	R1-081387	PDCCH MIMO Format Options for e-UTRA	InterDigital Communications LLC	6.1.3	Discussion/Decision		Not treated
Yes	R1-081388	Way forward on mandatory DRS operation for LTE TDD UE	CMCC, RITT, CATT, Huawei, ZTE, TD-Tech	6.5	Discussion/Decision		Noted
Yes	R1-081389	Remaining Issue of Soft Buffer Configuration in LBRM for Dual Codeword MIMO	Freescall Semiconductor	6.2	Decision		Not treated
Yes	R1-081390	Remaining Issue for Rank feedback configuration	Freescall Semiconductor	6.3.5	Decision		Not treated
Yes	R1-081391	25.224 CR0182 (Rel-7, F) Use of Special Bursts for DTX on FACH in 1.28 Mcps TDD	Spreadtrum Communications	5	CR	R1-081596	Revised
Yes	R1-081392	SCH design for dedicated MBMS	Huawei	6.1.3	Discussion/Decision		Not treated
Yes	R1-081393	Control Signaling of MBMS Single-Cell Transmission	Huawei	6.1.3	Discussion/Decision		Resubmission of R1-081026
Yes	R1-081394	Proposal of CG sequence hopping in group planning - Resubmission of R1-081025	Huawei	6.1.2	Discussion/Decision		Not treated
Yes	R1-081395	Consideration on identification of interior users/exterior users for ICIC	Huawei	6.3.3	Discussion/Decision		Not treated
Yes	R1-081396	Downlink Multiplexing for Persistent and Dynamic scheduling	NEC Group	6.1.3	Discussion/Decision		Not treated
No	R1-081397	Details of the Common and UE Specific Search spaces	NEC Group	6.1.3	Discussion/Decision		Missing
Yes	R1-081398	Remaining issues for DVRB to PRB mapping	NEC Group	6.1.5	Discussion/Decision		Not treated
Yes	R1-081399	25.222 CR0148 (Rel7, F) Clarification of TRRI on E-AGCH for 1.28Mcps TDD EUL	CATT, TD-Tech, ZTE	5	CR	R1-081632	Revised
Yes	R1-081400	25.222 CR0149 (Rel7, F) Correction and clarification of some E-HICH coding issues for 1.28 Mcps TDD EUL	CATT, TD-Tech	5	CR	R1-081633	Revised

Yes	R1-081401	25.224 CR0183 (Rel7, F) Correction of E-PUCH power control for 1.28Mcps TDD EUL	CATT	5	CR		Agreed
Yes	R1-081402	25.224 CR0184 (Rel7, F) Clarification of the E-AGCH monitoring for 1.28Mcps TDD EUL	CATT	5	CR	R1-081635	Revised
Yes	R1-081403	Solutions for CPC for 1.28Mcps TDD	CATT	12	Discussion		Noted
Yes	R1-081404	Simulation Results of 8x2 MIMO schemes for 1.28Mcps TDD system	CATT	13	Discussion		Noted
Yes	R1-081405	Sounding RS Parameters in E-UTRA Uplink	NTT DoCoMo	6.1.2	Discussion/D ecision		Not treated
Yes	R1-081406	Hashing Function Generation for PDCCH Blind Decoding	NTT DoCoMo	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081407	Necessity of ACK/NACK Repetition	NTT DoCoMo	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081408	Investigation on Throughput Performance of MU-MIMO in E-UTRA Downlink	NTT DoCoMo	6.3.5	Discussion/D ecision		Not treated
Yes	R1-081409	25.223 CR0052 (Rel-8, B) Introduction the 64QAM constellation for 1.28 Mcps TDD HSDPA	ZTE, RITT, CATT, TD-TECH, Spreadtrum Communications, Potevio	10	CR		Agreed
Yes	R1-081410	PHICH Resource Mapping in TDD	ZTE	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081411	PUSCH Hopping Resource Allocation Via Grant	ZTE	6.1.5	Discussion/D ecision		Noted
Yes	R1-081412	DVRB To PRB Mapping	ZTE	6.1.5	Discussion/D ecision	R1-081627	Revised
Yes	R1-081413	ACK/CQI Joint Encoding on PUCCH with Extended CP	ZTE, CHTTL	6.1.4	Discussion/D ecision	R1-081569	Revised
Yes	R1-081414	ACK/CQI Joint Encoding on PUCCH with Normal CP	ZTE, CHTTL	6.1.4	Discussion/D ecision	R1-081570	Revised
Yes	R1-081415	Support to Live-Change of Downlink-Uplink Allocation Ratio in LTE TDD	ZTE	6.1.6	Discussion/D ecision		Noted
Yes	R1-081416	Signaling of the Precoder for DL MU-MIMO	ZTE, CHTTL	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081417	Dedicated RS Pattern for Extended CP	ZTE	6.1.1	Discussion/D ecision		Noted
Yes	R1-081418	Implicit Mapping of AKC/NACK Resources	ZTE	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081419	Modification of Cyclic Shift Hopping for CQI	ZTE	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081420	Improvement of Random Access Preamble Timing for FDD	ZTE	6.1.7	Discussion/D ecision		N
Yes	R1-081421	Configurations and Location Mapping for TDD PRACH	ZTE, CHTTL	6.1.6	Discussion/D ecision	R1-081571	Revised
No	R1-081422	PHICH Resource Mapping in TDD	ZTE	6.1.3	Discussion/D ecision		Withdrawn
Yes	R1-081423	Handover Region Based Cell Interior/Edge Users Classification Method for ICIC Applications	CHTTL, ITRI	6.3.3	Discussion		Not treated
Yes	R1-081424	25213CR0092 (Rel-7, F) Range of E-DCH amplitude ratios with QPSK	Nokia, Nokia Siemens Networks	5	CR	R1-081628	Noted - Revised
Yes	R1-081425	25213CR0093 (Rel-8, A) Range of E-DCH amplitude ratios with QPSK	Nokia, Nokia Siemens Networks	5	CR	R1-081628	Noted - Revised
Yes	R1-081426	25214CR0481 (Rel-7, F) CPC DRX cycle change clarification	Nokia, Nokia Siemens Networks, Alcatel-Lucent	5	CR	R1-081613	Revised
Yes	R1-081427	25214CR0482 (Rel-8, A) CPC DRX cycle change clarification	Nokia, Nokia Siemens Networks, Alcatel-Lucent	5	CR	R1-081614	Revised
Yes	R1-081428	On the benefits of Inter-cell interference cancellation to HSPA networks	Nokia Siemens Networks	5	Discussion		Noted
Yes	R1-081429	Draft 25211 CR on AICH/E-AICH	Nokia Siemens Networks, Nokia	7	Discussion/D ecision		Noted

Yes	R1-081430	On L1 synchronisation	Nokia Siemens Networks, Nokia	7	Discussion/D ecision		Noted
Yes	R1-081431	Draft 25214 CR on L1 synchronisation and random access procedure	Nokia Siemens Networks, Nokia	7	Discussion/D ecision		Noted
Yes	R1-081432	Channel timings after acquisition	Nokia Siemens Networks, Nokia, Samsung	7	Discussion/D ecision		Noted
Yes	R1-081433	Proposed method for improving the reliability of the HS-PDSCH Serving Cell Change procedure	Nokia, Nokia Siemens Networks	8	Information		Noted
Yes	R1-081434	Considerations on the dual cell HSDPA operation	Nokia, Nokia Siemens Networks	9	Discussion		Noted
Yes	R1-081435	Analysis of Inter-Cell Interference in CELL_FACH	Qualcomm Europe	7	Discussion		Noted
Yes	R1-081436	System Performance of ICIC	Qualcomm Europe	4	Discussion	R1-081615	Revised
Yes	R1-081437	Dual Carrier HSDPA assumptions and standards impact	Qualcomm Europe	9	Discussion		Noted
Yes	R1-081438	Dual Carrier operation for CELL_DCH	Qualcomm Europe	9	Discussion		Noted
Yes	R1-081439	Optionality of E-DPCCH power boosting	NEC, Fujitsu, Motorola, Panasonic, Sharp	5	Discussion		Noted
Yes	R1-081440	RACH location in the frequency domain	LG Electronics	6.1.7	Discussion/D ecision		Not treated
Yes	R1-081441	Comments and Simulation Results Related to RAN2 LS on BCCH Transmission (R1-080632)	Nokia Siemens Networks, Nokia	4	Discussion/D ecision		Noted
Yes	R1-081442	UE Specific RS pattern for extended CP	Nokia, Nokia Siemens Networks	6.1.1	Discussion/D ecision		Noted
Yes	R1-081443	Confliction between UE Specific RS with P/S-SCH and P-BCH	Nokia, Nokia Siemens Networks	6.1.1	Discussion/D ecision		Noted
Yes	R1-081444	Cyclic shift value definition for PUSCH demodulation RS	Nokia Siemens Networks, Nokia	6.1.2	Discussion/D ecision		Not treated
Yes	R1-081445	Frequency hopping arrangement for SRS	Nokia Siemens Networks, Nokia	6.1.2	Discussion/D ecision		Not treated
Yes	R1-081446	SRS Bandwidth Selection	Nokia Siemens Networks, Nokia	6.1.2	Discussion/D ecision	(R1-080921)	Not treated
Yes	R1-081447	PDCCH decoding complexity and associated hashing functions	Nokia, Nokia Siemens Networks	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081448	DCI and CCE size	Nokia, Nokia Siemens Networks	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081449	Associated PDCCH signaling for PCH, RACH response and BCCH transmission on PDSCH	Nokia, Nokia Siemens Networks	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081450	LTE TDD UL Multi-TTI Scheduling	Nokia, Nokia Siemens Networks	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081451	General on PDCCH DL/UL grant of TDD	Nokia, Nokia Siemens Networks	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081452	Downlink scheduling for ACK/NACK bundling	Nokia, Nokia Siemens Networks	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081453	PHICH resource mapping and dimensioning for TDD	Nokia, Nokia Siemens Networks	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081454	"Chicken-and-egg" problem of PHICH resource indication in TDD	Nokia, Nokia Siemens Networks	6.1.3	Discussion/D ecision		Noted
Yes	R1-081455	Multiplexing between Rank and SR	Nokia Siemens Networks, Nokia	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081456	DTX detection in case of simultaneous transmission of SR and ACK/NACK	Nokia Siemens Networks, Nokia	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081457	Linkage between PUSCH MCS and amount of resources for ACK/NACK on PUSCH	Nokia Siemens Networks, Nokia	6.1.4	Discussion/D ecision		Noted
Yes	R1-081458	Avoiding PUSCH error situations caused by DL allocation grant signalling failure	Nokia Siemens Networks, Nokia	6.1.4	Discussion/D ecision	(R1-080935)	Not treated
Yes	R1-081459	CQI+Ack/Nack Subcode details	Nokia Siemens Networks, Nokia	6.1.4	Discussion/D ecision		Noted

Yes	R1-081460	Channelization of SRI and persistent ACK/NACK on PUCCH	Nokia Siemens Networks, Nokia	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081461	Coverage Comparison between PUSCH, PUCCH and RACH	Nokia Siemens Networks, Nokia, CATT	6.1.7	Discussion/D ecision		Noted
Yes	R1-081462	DL EPRE Setting	Nokia, Nokia Siemens Networks	6.3.2	Discussion/D ecision		Not treated
Yes	R1-081463	Summary of power control email discussion	Nokia Siemens Networks	6.3.2	Discussion/D ecision		Noted
Yes	R1-081464	Triggers for Power Headroom Reports in EUTRAN Uplink	Nokia Siemens Networks, Nokia	6.3.2	Discussion/D ecision		Noted
Yes	R1-081465	Definition of Relative Narrowband TX Power Indicator for DL ICIC	Nokia Siemens Networks, Nokia	6.3.3	Discussion/D ecision		Noted
Yes	R1-081466	Definition of the uplink overload indicator	Nokia Siemens Networks, Nokia	6.3.3	Discussion/D ecision		Noted
Yes	R1-081467	CQI estimation methodology	Nokia Siemens Networks, Nokia	6.3.5	Discussion/D ecision		Noted
Yes	R1-081468	Configuration of periodic CQI reporting on PUSCH	Nokia Siemens Networks, Nokia	6.3.5	Discussion/D ecision		Not treated
Yes	R1-081469	Number of spatially multiplexed users for LTE DL MU-MIMO	Nokia, Nokia Siemens Networks	6.3.5	Discussion/D ecision		Not treated
Yes	R1-081470	Channel Quality Indicator for LTE MU-MIMO	Nokia, Nokia Siemens Networks	6.3.5	Discussion/D ecision		Not treated
Yes	R1-081471	Effect of Precoding Granularity on LTE Multiuser MIMO	Nokia, Nokia Siemens Networks	6.3.5	Discussion/D ecision		Not treated
Yes	R1-081472	DL signaling for closed loop antenna selection in LTE UL	Nokia, Nokia Siemens Networks, Ericsson	6.3.6	Discussion/D ecision	(R1-080956)	Noted
Yes	R1-081473	DL HARQ Timing for TDD(Timing btw PDSCH and UL AckNack)	Nokia, Nokia Siemens Networks	6.3.7	Discussion/D ecision		Noted
Yes	R1-081474	UL HARQ Timing for TDD(Timing btw PUSCH and PHICH/Grant)	Nokia, Nokia Siemens Networks	6.3.7	Discussion/D ecision		Noted
Yes	R1-081475	Soft Buffer Allocation	Nokia, Nokia Siemens Networks	6.5	Discussion/D ecision		Noted
Yes	R1-081476	RS power boosting and interference estimation issues	Qualcomm Europe	6.1.1	Discussion/D ecision		Not treated
Yes	R1-081477	Frequency shift for UE specific RS	Qualcomm Europe	6.1.1	Discussion/D ecision		Not treated
Yes	R1-081478	Remaining issues for UL DM-RS hopping	Qualcomm Europe	6.1.2	Discussion/D ecision		Not treated
Yes	R1-081479	Remaining issues on PDCCH formats and contents	Qualcomm Europe	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081480	PDCCH format for Paging	Qualcomm Europe	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081481	Remaining issues on PDCCH search space definitions	Qualcomm Europe	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081482	Specification details for PHICH transmission for extended CP and more	Qualcomm Europe	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081483	Conveying MCS and TB size via PDCCH	Qualcomm Europe	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081484	On the need for MCS with code rate > 1 for UL transmissions	Qualcomm Europe	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081485	Control in support of DL MU-MIMO operation	Qualcomm Europe	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081486	UL control details for TDD	Qualcomm Europe	6.1.4	Discussion/D ecision		Noted
Yes	R1-081487	Support of DTX signalling for CQI transmission with normal CP	Qualcomm Europe	6.1.4	Discussion/D ecision		Not treated

Yes	R1-081488	Limiting the constellation size of ACK transmissions in PUSCH	Qualcomm Europe	6.1.4	Discussion/D ecision		Noted
Yes	R1-081489	Improved staggering pattern for PUCCH format 1	Qualcomm Europe	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081490	Confirmation of various UL transmission configurations	Qualcomm Europe	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081491	Further details on DL distributed transmissions	Qualcomm Europe	6.1.5	Discussion/D ecision		Not treated
Yes	R1-081492	Issues with current scrambling sequence generation	Qualcomm Europe	6.1.7	Discussion/D ecision		Noted
Yes	R1-081493	Antenna configuration for mixed unicast/MBSFN subframes	Qualcomm Europe	6.1.7	Discussion/D ecision		Not treated
Yes	R1-081494	On the signalling of Data/RS power ratio for PDSCH with 16QAM	Qualcomm Europe	6.3.2	Discussion/D ecision		Not treated
Yes	R1-081495	Feedback needed in support of TDD precoding	Qualcomm Europe	6.3.5	Information		Not treated
Yes	R1-081496	Definition of measurement gaps in 36.213	Qualcomm Europe	6.3.5	Discussion/D ecision		Not treated
Yes	R1-081497	Further details on UL ACK/NAK resource allocation	Qualcomm Europe	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081498	Support of ACK repetition in the UL of E-UTRA	Qualcomm Europe	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081499	Further details on coding of UL control information	Qualcomm Europe	6.1.4	Discussion/D ecision		Noted
Yes	R1-081500	Clarifications on UE selected CQI reports	Qualcomm Europe	6.3.5	Discussion/D ecision		Noted
Yes	R1-081501	Interleaver for PUCCH	Qualcomm Europe	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081502	PUCCH format 1 transmission	Qualcomm Europe	6.1.4	Discussion/D ecision		Noted
Yes	R1-081503	Remaining issues on UE-specific RS	Philips	6.1.1	Discussion/D ecision		Not treated
Yes	R1-081504	Analysis of search space design for PDCCH blind decoding	Philips	6.1.3	Discussion/D ecision		Noted
No	R1-081505	Hashing function for starting-point of UE-specific search space	Philips	6.1.3	Discussion/D ecision		Missing
Yes	R1-081506	PDCCH message information content for persistent scheduling	Philips, NXP	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081507	Distributed Resource Allocation Signalling on PDCCH	Philips, NXP	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081508	Index for PDCCH signalling of UL resource allocation in conjunction with DRX	Philips, NXP	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081509	PDCCH message for paging	Philips, NXP	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081510	Codebook for MU-MIMO	Philips, NXP	6.3.5	Discussion/D ecision		Not treated
Yes	R1-081511	CQI definition for MU-MIMO	Philips, NXP	6.3.5	Discussion/D ecision		Not treated
Yes	R1-081512	UE procedure for ACK/NACK detection	Philips, NXP	6.3.6	Discussion/D ecision		Noted
Yes	R1-081513	RACH procedure for E-DCH in Cell_FACH	Philips	7	Discussion/D ecision		Noted
Yes	R1-081514	25.213 CR0094 (Rel-7, F) Restricted Beta Factor Combinations for UL 16QAM	Ericsson	5	CR	R1-081617	Revised
Yes	R1-081515	25.212 CR0262 (Rel-8, B) HS-SCCH orders for HS-SCCH-less operation	Ericsson	5	CR		Noted
Yes	R1-081516	25.214 CR0483 (Rel-8, B) HS-SCCH orders for HS-SCCH-less operation	Ericsson	5	CR	R1-081618	Revised

Yes	R1-081517	EUL coverage enhancements	Ericsson	5	Discussion/D ecision	R1-081619	Revised
Yes	R1-081518	Draft CR on Correction of the number of subcarriers in PUSCH transform precoding	Ericsson	6.1	Discussion/D ecision	R1-081576	Endorsed - Revised
Yes	R1-081519	Draft CR on Correction of PHICH mapping	Ericsson	6.1	Discussion/D ecision	R1-081577	Endorsed - Revised
Yes	R1-081520	Draft CR on Correction of PUCCH resource index for PUCCH format 2	Ericsson	6.1	Discussion/D ecision	R1-081578	Endorsed - Revised
Yes	R1-081521	Uplink DM RS hopping	Ericsson	6.1.2	Discussion/D ecision		Not treated
Yes	R1-081522	Summary of email discussions on DL control signalling	Ericsson	6.1.3	Discussion/D ecision		Noted
Yes	R1-081523	Uplink grant signaling for TDD	Ericsson	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081524	PHICH and UL HARQ timing and association for TDD	Ericsson	6.1.3	Discussion/D ecision		Noted
Yes	R1-081525	PDCCH contents	Ericsson	6.1.3	Discussion/D ecision		Noted
Yes	R1-081526	On retransmission support for 4-Tx MIMO	Ericsson	6.1.3	Discussion/D ecision		Not treated
Yes	R1-081527	Summary of email discussions on UL control signalling	Ericsson	6.1.4	Discussion/D ecision		Noted
Yes	R1-081528	Details of ACK/NAK bundling for TDD	Ericsson	6.1.4	Discussion/D ecision	R1-081566	Revised
Yes	R1-081529	On ACK/NAK repetition	Ericsson	6.1.4	Discussion/D ecision		Noted
No	R1-081530	PRACH configurations for TDD	Ericsson	6.1.6	Discussion/D ecision		Withdrawn
Yes	R1-081531	Start of RA preamble format 4	Ericsson	6.1.6	Discussion/D ecision		Not treated
Yes	R1-081532	Remaining issues on Downlink RS boosting	Ericsson	6.3.2	Discussion/D ecision		Not treated
Yes	R1-081533	PUCCH power control for non-unicast information	Ericsson	6.3.2	Discussion/D ecision		Noted
Yes	R1-081534	Draft CR on Correction of PUCCH power control	Ericsson	6.3.2	Discussion/D ecision	R1-081608	Noted - Revised
Yes	R1-081535	Trigger criteria for power headroom reporting	Ericsson	6.3.2	Discussion/D ecision		Noted
Yes	R1-081536	Additional RSRP reporting trigger for ICIC	Ericsson	6.3.3	Discussion/D ecision		Noted
Yes	R1-081537	Further considerations on the use of inter-cell interference indication	Ericsson	6.3.3	Discussion/D ecision		Not treated
Yes	R1-081538	Frequency-Selective CQI Reporting on PUCCH	Ericsson	6.3.5	Discussion/D ecision		Noted
Yes	R1-081539	UE Interference Measurement for CQI	Ericsson	6.3.5	Discussion/D ecision		Noted
Yes	R1-081540	Rank Override Support for PMI Confirmation	Ericsson	6.3.5	Discussion/D ecision		Not treated
Yes	R1-081541	On antenna selection and small delay CDD for LTE	Ericsson	6.3.5	Discussion/D ecision	R1-081565	Revised
Yes	R1-081542	Uplink ACK/NACK timing for TDD	Ericsson	6.3.7	Discussion/D ecision		Noted
Yes	R1-081543	Enhanced Uplink for Cell_FACH State in FDD	Ericsson	7	Discussion/D ecision		Noted
Yes	R1-081544	HS-PDSCH Serving Cell Change Enhancements	Ericsson	8	Discussion/D ecision		Noted
Yes	R1-081545	Considerations on Dual-Cell HSDPA Operation	Ericsson	9	Discussion		Noted

Yes	R1-081546	Initial Multi-Carrier HSPA performance evaluation	Ericsson	9	Discussion/D ecision		Noted
Yes	R1-081547	Power Offsets to Support PUSCH Data and Control Multiplexing	Alcatel-Lucent	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081548	Semi-Static Interference Coordination Method	Alcatel-Lucent	6.3.3	Discussion		Not treated
Yes	R1-081549	Support for Semi-Static Inter cell Interference Coordination	Alcatel-Lucent, Nortel Networks	6.3.3	Discussion/D ecision		Not treated
Yes	R1-081550	UL Hopping Transmission with grant based frequency shift information	Alcatel-Lucent	6.1.5	Discussion		Noted
Yes	R1-081551	eNodeB Indicator definition for "Maximum Tx Power per PRB normalized"	Alcatel-Lucent	6.3.3	Discussion		Not treated
Yes	R1-081552	X2-signalling of eNodeB Max Tx Power per PRB report	Alcatel-Lucent	6.3.3	Discussion		Not treated
Yes	R1-081553	Signaling of MU-MIMO precoding vector	Huawei	6.1.3	Discussion/D ecision		Not treated
No	R1-081554	PMI bit length for EUTRA TDD	Via Technology	6.3.5	Discussion		Missing
Yes	R1-081555	Physical Channel for P_A Signaling	NEC Group	6.3.2	Discussion/D ecision		Not treated
Yes	R1-081556	Reconsideration on 2 Tx Codebook for Precoding	NEC Group	4	Discussion/D ecision	R1-081575	Revised
Yes	R1-081557	Link level results of MIMO for the antenna array based 1.28 Mcps TDD system	ZTE	13	Discussion		Noted
Yes	R1-081558	Analysis of TD-SCDMA HSPA plus Downlink CPC Solution	ZTE	12	Discussion/D ecision		Noted
Yes	R1-081559	Analysis of TD-SCDMA HSPA plus Uplink CPC Solution	ZTE	12	Discussion/D ecision		Noted
Yes	R1-081560	25.201 CR0039 (Rel-8, B) Introduction 64QAM for 1.28Mcps TDD HSDPA	ZTE, RITT, CATT, TD-TECH, Spreadtrum Communications	10	CR		Agreed
Yes	R1-081561	25.221 CR0155 (Rel-8, B) Introduction 64QAM for 1.28Mcps TDD HSDPA	ZTE, RITT, CATT, TD-TECH, Spreadtrum Communications	10	CR		Agreed
Yes	R1-081562	25.222 CR0150 (Rel-8, B) Introduction 64QAM for 1.28Mcps TDD HSDPA	ZTE, RITT, CATT, TD-TECH, Spreadtrum Communications	10	CR	R1-081581	Revised
Yes	R1-081563	On UL/DL frame timing for TDD	Ericsson	6.1.6	Discussion/D ecision		Noted
Yes	R1-081564	A Proposal for Set S	NEC Group	6.3.5	Discussion/D ecision		Not treated
Yes	R1-081565	Refinement on MIMO Precoding Schemes	Ericsson, Fujitsu, Motorola, NEC, Nokia, Nokia Siemens Networks, NTT DoCoMo, Panasonic, Texas Instruments	4	Discussion/D ecision	(R1-081541)	Noted
Yes	R1-081566	Details of ACK/NAK bundling for TDD	Ericsson	6.1.4	Discussion/D ecision	(R1-081528)	Noted
Yes	R1-081567	Randomization Function for PDCCH search space	LG Electronics	6.1.3	Discussion/D ecision	(R1-081251)	Not treated
Yes	R1-081568	Uplink ACK/NAK resource allocation in TDD	LG Electronics	6.1.4	Discussion/D ecision	(R1-081257)	Noted
Yes	R1-081569	ACK/CQI Joint Encoding on PUCCH with Extended CP	ZTE, CHTTL	6.1.4	Discussion/D ecision	(R1-081413)	Noted
Yes	R1-081570	ACK/CQI Joint Encoding on PUCCH with Normal CP	ZTE, CHTTL	6.1.4	Discussion/D ecision	(R1-081414)	Not treated
Yes	R1-081571	Configurations and Location Mapping for TDD PRACH	ZTE, CHTTL, CMCC, Nokia, Nokia Siemens Networks, Huawei, RITT	6.1.6	Discussion/D ecision	(R1-081421)	Noted

Yes	R1-081572	Overhead Reduction for BF	CATT	6.1.1	Discussion/D ecision	(R1-081322)	Noted
Yes	R1-081573	Comments on RAN4 LS on MIMO precoding (R1-081179)	Nortel	4	Discussion/D ecision		Noted
Yes	R1-081574	Draft report of RAN1#52 meeting	MCC Support	3	Approval	(R1-081166)	Approved
Yes	R1-081575	Reconsideration on 2 Tx Codebook for Precoding	NEC Group, NTT DoCoMo	4	Discussion/D ecision	(R1-081556)	Noted
Yes	R1-081576	36.211 CR0004 (Rel-8, F) on Correction of the number of subcarriers in PUSCH transform precoding	Ericsson	6.1	CR	(R1-081518)	Agreed
Yes	R1-081577	36.211 CR0005 (Rel-8, F) on Correction of PHICH mapping	Ericsson	6.1	CR	(R1-081519)	Agreed
Yes	R1-081578	36.211 CR0006 (Rel-8, F) on Correction of PUCCH resource index for PUCCH format 2	Ericsson	6.1	CR	(R1-081520)	Agreed
Yes	R1-081579	TDD Uplink HARQ Timing Design	CMCC, Huawei	6.3.7	Discussion/D ecision	(R1-081384)	Noted
Yes	R1-081580	Updated LS on implications of MIMO precoding schemes on RAN4 requirements	RAN4, Ericsson	4	LS_in	= R4-080780	Withdrawn
Yes	R1-081581	25.222 CR0150R1 (Rel-8, B) Introduction 64QAM for 1.28Mcps TDD HSDPA	ZTE, RITT, CATT, TD-TECH, Spreadtrum Communications	10	CR	(R1-081562)	Agreed
Yes	R1-081582	36.213 CR0009 (Rel-8, F) UL ACK/NACK timing for TDD	Ericsson, CATT, Motorola, Nokia, Nokia Siemens Networks, LGE	6.3.7	CR		Agreed
Yes	R1-081583	36.213 CR0003R1 (Rel-8, F) Correct PUCCH assignment timing in section 10.1 and document formatting	Motorola	6.3	CR	(R1-081305)	Agreed
Yes	R1-081584	36.213 CR0008 (Rel-8, F) UE ACK/NACK procedure	Philips, Motorola, NXP, Qualcomm, Panasonic	6.3.6	CR		Agreed
Yes	R1-081585	Simulation comparison between ACK/CQI joint coding and code word puncturing methods on PUCH with Extended CP	ZTE	6.1.4	Discussion/D ecision		Not treated
Yes	R1-081586	PDCCH Search Space Assignment Hashing Function	Motorola	6.1.3	Discussion/D ecision	(R1-081289) R1-081672	Noted - Revised
No	R1-081587	void					
Yes	R1-081588	Analysis on Downlink Power Setting	Texas Instruments	6.3.2	Discussion/D ecision	(R1-081380)	Not treated
Yes	R1-081589	MCS Table Design- Outcome of offline discussions	Ad-Hoc moderator (Ericsson)	6.1.3	Discussion/D ecision		Agreed
Yes	R1-081590	LS on RAN2 status on Enhanced uplink for CELL_FACH state in FDD	RAN2, Huawei	4	LS_in	= R2-081969	Noted
Yes	R1-081591	Draft LS on information about RAN1 assumptions regarding TPC-PDCCH	Ericsson	6.3.2	LS_out	R1-081698	Revised
Yes	R1-081592	Draft LS on information about new PDCCH Format 1C	Ericsson	6.1.3	LS_out	R1-081683	Revised
Yes	R1-081593	36.213 CR0005R1 (Rel-8, B) Proposed: intra-CCE REG EPRE requirement	Motorola	6.3.2	CR	(R1-081307)	Noted
Yes	R1-081594	PHICH and PDCCH Power Control requirement	Motorola	6.3.2	Discussion/D ecision	(R1-081311)	Noted
Yes	R1-081595	Email discussion summary on ICIC	Telecom Italia	6.3.3	Discussion/D ecision		Noted
Yes	R1-081596	25.224 CR0182R1 (Rel-7, F) Use of Special Bursts for DTX on FACH in 1.28 Mcps TDD	Spreadtrum Communications, CATT, RITT, ZTE, TD Tech	5	CR	(R1-081391)	Agreed
Yes	R1-081597	Inter-cell interference with E-DCH in CELL_FACH	InterDigital Communications LLC	7	Discussion/D ecision	(R1-081270)	Noted
Yes	R1-081598	25.212 CR0263 (Rel-7, F) Clarification to number of HS-PDSCH codes in HS-SCCH less operations	InterDigital Communications LLC	5	CR	(R1-081268) R1-081631	Revised
Yes	R1-081599	25.212 CR0264 (Rel-8, F) Clarification to number of HS-PDSCH codes in HS-SCCH less operations	InterDigital Communications LLC	5	CR	(R1-081268) R1-081631	Revised
Yes	R1-081600	Draft LS on information about RAN1 decision regarding downlink power settings	Nokia	6.3.2	LS_out	R1-081694	Revised

Yes	R1-081601	Simulation results for standalone midamble	TD Tech	11	Discussion/Decision	R1-081342	Noted
Yes	R1-081602	Mapping between HS-DSCH RNTI and E-RNTI in Enhanced CELL_FACH for 1.28mcps	TD Tech	11	Discussion/Decision	R1-081344	Not treated
Yes	R1-081603	Way forward on UL/DL allocation detection	CATT, CMCC, RITT, Ericsson, Huawei, Motorola, Nokia, Nokia Siemens Networks, Panasonic, Qualcomm, Samsung, ZTE	6.1.3	Decision		Noted
Yes	R1-081604	Way forward for power headroom reporting	Ericsson, Nokia Siemens Network, Nokia, Qualcomm, Panasonic, Alcatel-Lucent	6.3.2	Decision	R1-081701	Revised
Yes	R1-081605	Remaining details on uplink PUSCH hopping	Samsung, LGE, Qualcomm, ZTE	6.1.5	Discussion/Decision	(R1-081225)	Noted
Yes	R1-081606	Mapping between PDCCH index and UL A/N index for Dynamic A/N Channels	Samsung, Panasonic, TI, Qualcomm, Ericsson	6.1.4	Discussion/Decision		Noted
Yes	R1-081607	Draft LS on SI-1 transmission	Ericsson	4	LS_out	R1-081676	Revised
Yes	R1-081608	36.213 CR0006 (Rel-8, F) PUCCH power control for non-unicast information	Ericsson	6.3.2	CR	(R1-081534) R1-081697	Revised
Yes	R1-081609	36.213 CR0010 (Rel-8, F) Specification of UL control channel assignment	Ericsson	6.1.4	CR		Agreed
Yes	R1-081610	Skeleton TR	Nokia, Nokia Siemens Networks	9	Discussion/Decision		Noted
Yes	R1-081611	On the bit order & decoding complexity of subset coding	Ericsson	6.2	Discussion/Decision		A
Yes	R1-081612	36.213 Draft CR on SRS Power Control	Motorola, NTT DoCoMo	6.3.2	CR	R1-081687	Revised
Yes	R1-081613	25214CR0481R1 (Rel-7, F) CPC DRX cycle change clarification	Nokia, Nokia Siemens Networks, Alcatel-Lucent	5	CR	(R1-081426) R1-081630	Revised
Yes	R1-081614	25214CR0482R1 (Rel-8, A) CPC DRX cycle change clarification	Nokia, Nokia Siemens Networks, Alcatel-Lucent	5	CR	(R1-081427) R1-081630	Revised
Yes	R1-081615	System Performance of ICIC	Qualcomm Europe	4	Discussion	(R1-081436)	Noted
Yes	R1-081616	Multiplexing of Rank and CQI/PMI in PUSCH channel	Samsung, LGE,	6.1.4	Discussion/Decision	(R1-081220)	Not treated
Yes	R1-081617	25.213 CR0094r1 (Rel-7, F) Restricted Beta Factor Combinations for UL 16QAM	Ericsson	5	CR	(R1-081514) R1-081629	Noted - Revised
Yes	R1-081618	25.214 CR0483r1 (Rel-8, B) HS-SCCH orders for HS-SCCH-less operation	Ericsson	5	CR	(R1-081516)	Noted
Yes	R1-081619	EUL coverage enhancements	Ericsson	5	Discussion/Decision	(R1-081517)	Noted
Yes	R1-081620	Fast forwarding Gold sequence for random number sequence generation	LG Electronics, Ericsson, Nokia Siemens Networks, Nokia, Samsung, Qualcomm	6.1.1	Discussion/Decision		Noted
Yes	R1-081621	Correction to UE PUSCH Hopping procedure	Samsung	6.1.5	Discussion/Decision	(R1-081226)	Noted
Yes	R1-081622	Way forward for DVRB	Panasonic, Motorola, LGE, NEC, Nortel, Ericsson	6.1.5	Decision		Agreed
Yes	R1-081623	Explanation of DVRB way forward	Panasonic, LGE, Motorola, Nortel, Ericsson, NEC	6.1.5	Discussion/Decision		Not treated
Yes	R1-081624	Remaining Issues on CQI/PMI/RI Reporting	Texas Instruments	6.3.5	Discussion/Decision	(R1-081382)	Noted
Yes	R1-081625	36.211 Draft CR on Limiting the constellation size of ACK transmission when transmitted in PUSCH	Qualcomm Europe	6.1.4	CR	R1-081685	Revised
Yes	R1-081626	Decoder for 36.213 UL hopping resource allocations	Motorola	6.1.5	Discussion/Decision		Noted
No	R1-081627	DVRB To PRB Mapping	ZTE	6.1.5	Discussion/Decision	(R1-081412)	Missing

Yes	R1-081628	Range of E-DCH amplitude ratios with QPSK	Nokia, Nokia Siemens Networks	5	CR	(R1-081424) (R1-081425)	Agreed
Yes	R1-081629	25.213 CR0094r2 (Rel-7, F) Restricted Beta Factor Combinations for UL 16QAM	Ericsson	5	CR	(R1-081617)	Withdrawn
Yes	R1-081630	CPC DTX cycle change clarification	Nokia, Nokia Siemens Networks, Alcatel-Lucent	5	CR	(R1-081613) (R1-081614)	Agreed
Yes	R1-081631	Clarification on the number of codes in HS-SCCH less first transmission	InterDigital Communications LLC	5	CR	(R1-081598) (R1-081599) R1-081639	Revised
Yes	R1-081632	25.222 CR0148R1 (Rel7, F) Clarification of TRRI on E-AGCH for 1.28Mcps TDD EUL	CATT, TD-Tech, ZTE	5	CR	(R1-081399)	Agreed
Yes	R1-081633	25.222 CR0149R1 (Rel7, F) Correction of E-HICH coding issues for 1.28 Mcps TDD EUL	CATT, TD-Tech	5	CR	(R1-081400)	Agreed
Yes	R1-081634	25.222 CR0147R1 (Rel-7, F) on E-HICH coding clarification for 1.28Mcps TDD	TD Tech	5	CR	(R1-081336)	Agreed
Yes	R1-081635	25.224 CR0184R1 (Rel7, F) Clarification of the E-AGCH monitoring for 1.28Mcps TDD EUL	CATT	5	CR	(R1-081402)	Agreed
Yes	R1-081636	25.224 CR0181R1 (Rel-7, Cat F) on E-AGCH/E-HICH joint power control for 1.28Mcps TDD	TD Tech	5	CR	(R1-081337)	Agreed
Yes	R1-081637	36.211 CR0007 (Rel-8, F) Correction of the predefined hopping pattern for PUSCH	Samsung	6.1.5	CR	R1-081678	Revised
Yes	R1-081638	TBS and MCS Signaling and Tables	Motorola	6.1.3	Discussion/Decision	(R1-081284)	Noted
Yes	R1-081639	Clarification on the number of codes in HS-SCCH less first transmission	InterDigital Communications LLC	5	CR	(R1-081631)	Agreed
Yes	R1-081640	Way forward and Text proposal for DRS confliction issue	CATT, CMCC, Ericsson, Huawei, Nokia, Nokia Siemens Networks, Nortel, RITT	6.1.1	Discussion/Decision		Not treated
Yes	R1-081641	Way forward and Text proposal for DRS issue	Nortel, ZTE, CATT, Ericsson, Nokia, Nokia Siemens Networks, RITT	6.1.1	Discussion/Decision		Noted
Yes	R1-081642	Draft LS on E-AICH Power Offset and Error Targets for AICH/E-AICH	Qualcomm Europe	7	LS_out	R1-081702	Revised
Yes	R1-081643	Reply LS to HS-DPCCH usage with Enhanced Uplink in Cell_FACH	RAN3, Nokia Siemens Networks	4	LS_in	= R3-080963	Noted
Yes	R1-081644	LS on Half-Duplex FDD	RAN4, Ericsson	4	LS_in	= R4-080805	Noted
Yes	R1-081645	Physical-layer parameters to be configured by RRC	Ericsson	4	Discussion/Decision		Noted
Yes	R1-081646	PB values	Ericsson	6.3.2	Discussion/Decision		Not treated
Yes	R1-081647	LS on E-UTRAN Neighbour Cell list information for GERAN	GERAN2, Telecom Italia, Vodafone	4	LS_in	= G2-080231	Noted
Yes	R1-081648	25.211 DRAFT CR Introduction of E-AICH for the purpose of E-DCH Resource Configuration Allocation	Nokia Siemens Networks, Ericsson, Motorola, NEC, Nokia, NXP, Philips Qualcomm, Samsung	7	Decision		Agreed
Yes	R1-081649	25.214 DRAFT CR Introduction of E-AICH for the purpose of E-DCH Resource Configuration Allocation	Nokia Siemens Networks, Nokia, Ericsson, InterDigital, Samsung	7	Decision		Agreed
Yes	R1-081650	Introduction of PSRC scheme for 1.28Mcps TDD MIMO system	TD Tech, CATT, ZTE	13	Discussion/Decision		Noted
Yes	R1-081651	Summary of the DVRB ad hoc session	Ad-Hoc moderator (NTT DoCoMo)	6.1.5	Discussion/Decision		Not treated
Yes	R1-081652	Summary of the Channel Coding ad hoc session	Ad-Hoc moderator (NTT DoCoMo)	6.2	Discussion/Decision		Agreed
Yes	R1-081653	Summary of the UE Categories ad hoc session	Ad-Hoc moderator (NTT DoCoMo)	6.5	Discussion/Decision		Noted

Yes	R1-081654	Way forward on Block coding for UL control information	LG Electronics, Ericsson, Broadcom, Motorola, Qualcomm, ETRI, TI, Samsung	6.2	Decision		Agreed
Yes	R1-081655	TR skeleton	Qualcomm Europe	9	Discussion	(R1-081362) R1-081656	Noted
Yes	R1-081656	TR skeleton	Qualcomm Europe	9	Discussion	(R1-081655) R1-081690	Revised
Yes	R1-081657	36.213 CR0011 (Rel-8, F) Precoding Matrix for 2Tx Open-loop SM	LGE	6.3.5	CR		Agreed
Yes	R1-081658	36.213 CR0012 (Rel-8, C) Clarifications on UE selected CQI reports	Qualcomm Europe	6.3.5	CR		Agreed
Yes	R1-081659	Draft LS on CQI reference period	Panasonic	6.3.5	LS_out	R1-081688	Revised
Yes	R1-081660	Information on the isolated impact analysis	Panasonic	6	Information		Approved
Yes	R1-081661	Summary of off line discussions on E-UTRA DL RS	Samsung	6.1.1	Discussion/Decision		Agreed
Yes	R1-081662	Summary of off line discussions on E-UTRA UL RS	Samsung	6.1.2	Discussion/Decision		Agreed
Yes	R1-081663	LS on UL subframe transmission symbol of sounding reference signals	Samsung	6.1.2	LS_out		Agreed
Yes	R1-081664	Summary of the Downlink Procedure	Ad Hoc moderator (Samsung)	6.3.5	Discussion/Decision		Noted
Yes	R1-081665	36.211 CR0008 (Rel-8, F) Non binary hashing functions	Qualcomm Europe	6.1.7	CR		Agreed
Yes	R1-081666	36.211 CR0009 (Rel-8, F) PUCCH format 1	Qualcomm Europe	6.1.4	CR	R1-081699	Revised
Yes	R1-081667	36.212 CR0003 (Rel-8, F) Joint coding for CQI and ACK on PUCCH	Qualcomm Europe	6.2	CR		Agreed
Yes	R1-081668	Way Forward for Antenna Selection	Nortel, Alcatel-Lucent	4	Discussion/Decision		Noted
Yes	R1-081669	Draft response to LS on implications of MIMO schemes on RAN4 requirements R1-081179 (R4-080426)	Nortel, Alcatel-Lucent, Philips, Vodafone, Verizon, Orange, T-Mobile	4	Discussion/Decision		Not treated
Yes	R1-081670	Way forward for UL HARQ timing and multi TTI scheduling	CMCC, Huawei, Ericsson, Nokia, NSN, CATT, RITT, Motorola, ZTE, Samsung, LGE	6.1.3	Decision		Agreed
Yes	R1-081671	Summary of TDD ad hoc session	Ad Hoc moderator (NTT DoCoMo)				Noted
Yes	R1-081672	PDCCH Search Space Assignment Hashing Function	Motorola	6.1.3	Discussion/Decision	(R1-081586)	Not treated
Yes	R1-081673	Draft 36.211 CR on UL DM RS Hopping	Ericsson	6.1.2	CR	R1-081695	Revised
Yes	R1-081674	Way forward on TDD PRACH configurations	ZTE, CATT, CMCC, Ericsson, Motorola, Nokia, Nokia Siemens Networks, Huawei, RITT, Samsung, TD-tech	6.1.6	Decision		Agreed
Yes	R1-081675	Way forward on hashing function definition	LGE, Ericsson, Motorola, Qualcomm, Nokia, NSN, Samsung	6.1.3	Decision		Agreed
Yes	R1-081676	LS on SI-1 transmission	RAN1, Ericsson	4	LS_out	(R1-081607)	Agreed
Yes	R1-081677	36.213 CR0013 (Rel-8, F) UL HARQ Operation and Timing	Nokia, Nokia Siemens Networks	6.1.3	CR	R1-081703	Revised
Yes	R1-081678	36.211 CR0007R1 (Rel-8, F) Correction of the predefined hopping pattern for PUSCH	Samsung	6.1.5	CR	(R1-081637) R1-081686	Revised
Yes	R1-081679	On timing advance offsets for TDD and HD	Ericsson, Motorola	6.1.6	Discussion/Decision		Noted
Yes	R1-081680	LS on switch time requirements for LTE half duplex	RAN1, Ericsson	6.1.6	LS_out		Agreed
No	R1-081681	void					

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