Annex A (informative): Change history

Change history							
Date	**TSG #**	**TSG Doc.**	**CR**	**Rev**	**Subject/Comment**	**Old**	**New**
2006-09					Draft version created		0.0.0
2006-10					Endorsed by RAN1	0.0.0	0.1.0
2007-01					Inclusion of decisions from RAN1#46bis and RAN1#47	0.1.0	0.1.1
2007-01					Endorsed by RAN1	0.1.1	0.2.0
2007-02					Inclusion of decisions from RAN1#47bis	0.2.0	0.2.1
2007-02					Endorsed by RAN1	0.2.1	0.3.0
2007-02					Editor's version including decisions from RAN1#48 & RAN1#47bis	0.3.0	0.3.1
2007-03					Updated Editor's version	0.3.1	0.3.2
2007-03	RAN-35	RP-070171			For information at RAN#35	0.3.2	1.0.0
2007-03					Random access text modified to better reflect RAN1 scope	1.0.0	1.0.1
2007-03					Updated Editor's version	1.0.1	1.0.2
2007-03					Endorsed by RAN1	1.0.2	1.1.0
2007-05					Updated Editor's version	1.1.0	1.1.1
2007-05					Updated Editor's version	1.1.1	1.1.2
2007-05					Endorsed by RAN1	1.1.2	1.2.0
2007-08					Updated Editor's version	1.2.0	1.2.1
2007-08					Updated Editor's version – uplink power control from RAN1#49bis	1.2.1	1.2.2
2007-08					Endorsed by RAN1	1.2.2	1.3.0
2007-09					Updated Editor's version reflecting RAN#50 decisions	1.3.0	1.3.1
2007-09					Updated Editor's version reflecting comments	1.3.1	1.3.2
2007-09					Updated Editor's version reflecting further comments	1.3.2	1.3.3
2007-09					Updated Edietor's version reflecting further comments	1.3.3	1.3.4
2007-09					Updated Editor's version reflecting further comments	1.3.4	1.3.5
2007-09	RAN-37	RP-070731			Endorsed by RAN1	1.3.5	2.0.0
2007-09	RAN-37	RP-070737			For approval at RAN#37	2.0.0	2.1.0
12/09/07	RP-37	RP-070737	-	-	Approved version	2.1.0	8.0.0
28/11/07	RP-38	RP-070949	0001	2	Update of 36.213	8.0.0	8.1.0
05/03/08	RP-39	RP-080145	0002	-	Update of TS 36.213 according to changes listed in cover sheet	8.1.0	8.2.0
28/05/08	RP-40	RP-080434	0003	1	PUCCH timing and other formatting and typo corrections	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0006	1	PUCCH power control for non-unicast information	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0008	-	UE ACK/NACK Procedure	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0009	-	UL ACK/NACK timing for TDD	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0010	-	Specification of UL control channel assignment	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0011	-	Precoding Matrix for 2Tx Open-loop SM	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0012	-	Clarifications on UE selected CQI reports	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0013	1	UL HARQ Operation and Timing	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0014	-	SRS power control	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0015	1	Correction of UE PUSCH frequency hopping procedure	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0017	4	Blind PDCCH decoding	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0019	1	Tx Mode vs DCI format is clarified	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0020	-	Resource allocation for distributed VRB	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0021	2	Power Headroom	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0022	-	Clarification for RI reporting in PUCCH and PUSCH reporting modes	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0025	-	Correction of the description of PUSCH power control for TDD	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0026	-	UL ACK/NACK procedure for TDD	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0027	-	Indication of radio problem detection	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0028	-	Definition of Relative Narrowband TX Power Indicator	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0029	-	Calculation of $\Delta_{TF}(i)$ for UL-PC	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0030	-	CQI reference and set S definition, CQI mode removal, and Miscellanious	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0031	-	Modulation order and TBS determination for PDSCH and PUSCH	8.2.0	8.3.0
28/05/08	RP-40	RP-080434	0032	-	On Sounding RS	8.2.0	8.3.0
28/05/08	RP-40	RP-080426	0033	-	Multiplexing of rank and CQI/PMI reports on PUCCH	8.2.0	8.3.0
28/05/08	RP-40	RP-080466	0034	-	Timing advance command responding time	8.2.0	8.3.0
09/09/08	RP-41	RP-080670	37	2	SRS hopping pattern for closed loop antenna selection	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	39	2	Clarification on uplink power control	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	41	-	Clarification on DCI formats using resource allocation type 2	8.3.0	8.4.0

Change history							
Date	**TSG #**	**TSG Doc.**	**CR**	**Rev**	**Subject/Comment**	**Old**	**New**
09/09/08	RP-41	RP-080670	43	2	Clarification on tree structure of CCE aggregations	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	46	2	Correction of the description of PUCCH power control for TDD	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	47	1	Removal of CR0009	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	48	1	Correction of mapping of cyclic shift value to PHICH modifier	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	49	-	TBS disabling for DCI formats 2 and 2A	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	50	-	Correction of maximum TBS sizes	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	51	-	Completion of the table specifying the number of bits for the periodic feedback	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	54	-	Clarification of RNTI for PUSCH/PUCCH power control with DCI formats 3/3A	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	55	1	Clarification on mapping of Differential CQI fields	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	59	1	PUSCH Power Control	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	60	-	RB restriction and modulation order for CQI-only transmission on PUSCH	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	61	-	Modulation order determination for uplink retransmissions	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	62	2	Introducing missing L1 parameters into 36.213	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	63	2	Correcting the range and representation of delta_TF_PUCCH	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	64	1	Adjusting TBS sizes to for VoIP	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	67	-	Correction to the downlink resource allocation	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	68	-	Removal of special handling for PUSCH mapping in PUCCH region	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	69	-	Correction to the formulas for uplink power control	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	70	1	Definition of Bit Mapping for DCI Signalling	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	71	-	Clarification on PUSCH TPC commands	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	72	1	Reference for CQI/PMI Reporting Offset	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	74	-	Correction to the downlink/uplink timing	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	75	-	Correction to the time alignment command	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	77	1	Correction of offset signalling of UL Control information MCS	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	78	2	DCI format1C	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	80	-	Correction to Precoder Cycling for Open-loop Spatial Multiplexing	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	81	1	Clarifying Periodic CQI Reporting using PUCCH	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	84	1	CQI reference measurement period	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	86	-	Correction on downlink multi-user MIMO	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	87	-	PUCCH Reporting	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	88	1	Handling of Uplink Grant in Random Access Response	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	89	-	Correction to UL Hopping operation	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	90	-	DRS EPRE	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	92	-	Uplink ACK/NACK mapping for TDD	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	93	-	UL SRI Parameters Configuration	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	94	-	Miscellaneous updates for 36.213	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	95	-	Clarifying Requirement for Max PDSCH Coding Rate	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	96	-	UE Specific SRS Configuration	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	97	-	DCI Format 1A changes needed for scheduling Broadcast Control	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	98	-	Processing of TPC bits in the random access response	8.3.0	8.4.0
09/09/08	RP-41	RP-080670	100	1	Support of multi-bit ACK/NAK transmission in TDD	8.3.0	8.4.0
03/12/08	RP-42	RP-081075	82	3	Corrections to RI for CQI reporting	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	83	2	Moving description of large delay CDD to 36.211	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	102	3	Reception of DCI formats	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	105	8	Alignment of RAN1/RAN2 specification	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	107	1	General correction of reset of power control and random access response message	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	108	2	Final details on codebook subset restrictions	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	109	-	Correction on the definition of Pmax	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	112	2	CQI/PMI reference measurement periods	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	113	-	Correction of introduction of shortened SR	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	114	-	RAN1/2 specification alignment on HARQ operation	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	115	-	Introducing other missing L1 parameters in 36.213	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	116	-	PDCCH blind decoding	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	117	-	PDCCH search space	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	119	-	Delta_TF for PUSCH	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	120	-	Delta_preamble_msg3 parameter values and TPC command in RA response	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	122	1	Correction of offset signaling of uplink control information MCS	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	124	-	Miscellaneous Corrections	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	125	-	Clarification of the uplink index in TDD mode	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	126	-	Clarification of the uplink transmission configurations	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	127	2	Correction to the PHICH index assignment	8.4.0	8.5.0
03/12/08	RP-42	RP-081075	128	-	Clarification of type-2 PDSCH resource allocation for format 1C	8.4.0	8.5.0

Change history								
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment		Old	New
03/12/08	RP-42	RP-081075	129	-	Clarification of uplink grant in random access response		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	130	-	UE sounding procedure		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	134	-	Change for determining DCI format 1A TBS table column indicator for broadcast control		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	135	-	Clarifying UL VRB Allocation		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	136	1	Correction for Aperiodic CQI		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	137	1	Correction for Aperiodic CQI Reporting		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	138	1	Correction to PUCCH CQI reporting mode for $N^{DL}\_RB <= 7$		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	140	1	On sounding procedure in TDD		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	141	1	Alignment of RAN1/RAN3 specification		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	143	1	TTI bundling		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	144	1	ACK/NACK transmission on PUSCH for LTE TDD		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	145	1	Timing relationship between PHICH and its associated PUSCH		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	147	1	Definition of parameter for downlink reference signal transmit power		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	148	1	Radio link monitoring		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	149	1	Correction in 36.213 related to TDD downlink HARQ processes		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	151	-	Nominal PDSCH-to-RS EPRE Offset for CQI Reporting		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	152	1	Support of UL ACK/NAK repetition in Rel-8		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	155	-	Clarification of misconfiguration of aperiodic CQI and SR		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	156	1	Correction of control information multiplexing in subframe bundling mode		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	157	-	Correction to the PHICH index assignment		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	158	1	UE transmit antenna selection		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	159	-	Clarification of spatial different CQI for CQI reporting Mode 2-1		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	160	1	Corrections for TDD ACK/NACK bundling and multiplexing		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	161	-	Correction to RI for Open-Loop Spatial Multiplexing		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	162	-	Correction of differential CQI		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	163	-	Inconsistency between PMI definition and codebook index		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	164	-	PDCCH validation for semi-persistent scheduling		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	165	1	Correction to the UE behavior of PUCCH CQI piggybacked on PUSCH		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	166	-	Correction on SRS procedure when shortened PUCCH format is used		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	167	1	Transmission overlapping of physical channels/signals with PDSCH for transmission mode 7		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	169	-	Clarification of SRS and SR transmission		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	171	-	Clarification on UE behavior when skipping decoding		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	172	1	PUSCH Hopping operation corrections		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	173	-	Clarification on message 3 transmission timing		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	174	-	MCS handling for DwPTS		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	175	-	Clarification of UE-specific time domain position for SR transmission		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	176	1	Physical layer parameters for CQI reporting		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	177	-	A-periodic CQI clarification for TDD UL/DL configuration 0		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	179	1	Correction to the definitions of rho_A and rho_B (downlink power allocation)		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	180	-	Clarification of uplink A/N resource indication		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	181	-	PDCCH format 0 for message 3 adaptive retransmission and transmission of control information in message 3 during contention based random access procedure		8.4.0	8.5.0
03/12/08	RP-42	RP-081075	182	-	To Fix the Discrepancy of Uplink Power Control and Channel Coding of Control Information in PUSCH		8.4.0	8.5.0
03/12/08	RP-42	RP-081122	183	1	CQI reporting for antenna port 5		8.4.0	8.5.0
03/12/08	RP-42	RP-081110	168	1	Clarification on path loss definition		8.4.0	8.5.0
04/03/09	RP-43	RP-090236	184	1	Corrections to Transmitted Rank Indication		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	185	4	Corrections to transmission modes		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	186	2	Delta_TF configuration for control only PUSCH		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	187	1	Correction to concurrent SRS and ACK/NACK transmission		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	191	1	PDCCH release for semi-persistent scheduling		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	192	1	Correction on ACKNACK transmission on PUSCH for LTE TDD		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	193	-	Correction to subband differential CQI value to offset level mapping for aperiodic CQI reporting		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	194	-	Correction for DRS Collision handling		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	196	2	Alignment of RAN1/RAN4 specification on UE maximum output power		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	197	-	Transmission scheme for transmission mode 7 with SPS C-RNTI		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	198	-	Clarifying bandwidth parts for periodic CQI reporting and CQI refererence period		8.5.0	8.6.0

Change history								
Date	**TSG #**	**TSG Doc.**	**CR**	**Rev**	**Subject/Comment**		**Old**	**New**
04/03/09	RP-43	RP-090236	199	2	Correction to the ACK/NACK bundling in case of transmission mode 3 and 4		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	200	-	ACK/NAK repetition for TDD ACK/NAK multiplexing		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	201	-	Clarifying UL ACK/NAK transmission in TDD		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	202	-	Corrections to UE Transmit Antenna Selection		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	203	-	Correction to UE PUSCH hopping procedure		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	204	-	Correction to PHICH resource association in TTI bundling		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	205	-	Clarification of the length of resource assignment		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	206	-	Correction on ACK/NACK transmission for downlink SPS resource release		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	207	-	Introduction of additional values of wideband CQI/PMI periodicities		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	208	2	Correction to CQI/PMI/RI reporting field		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	209	2	Correction to rho_A definition for CQI calculation		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	210	-	Correction to erroneous cases in PUSCH linear block codes		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	211	1	Removing RL monitoring start and stop		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	214	1	Correction to type-1 and type-2 PUSCH hopping		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	215	-	Contradicting statements on determination of CQI subband size		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	216	-	Corrections to SRS		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	219	2	Miscellaneous corrections on TDD ACKNACK		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	221	1	CR for Redundancy Version mapping function for DCI 1C		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	223	-	Scrambling of PUSCH corresponding to Random Access Response Grant		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	225	-	Removal of SRS with message 3		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	226	3	PRACH retransmission timing		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	227	-	Clarifying error handling of PDSCH and PUSCH assignments		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	228	-	Clarify PHICH index mapping		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	229	-	Correction of CQI timing		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	230	-	Alignment of CQI parameter names with RRC		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	231	1	Removal of 'Off' values for periodic reporting in L1		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	232	-	Default value of RI		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	233	1	Clarification of uplink timing adjustments		8.5.0	8.6.0
04/03/09	RP-43	RP-090236	234	-	Clarification on ACK/NAK repetition		8.5.0	8.6.0
27/05/09	RP-44	RP-090529	235	1	Correction to the condition of resetting accumulated uplink power correction		8.6.0	8.7.0
27/05/09	RP-44	RP-090529	236	-	Correction to the random access channel parameters received from higher layer		8.6.0	8.7.0
27/05/09	RP-44	RP-090529	237	-	Correction on TDD ACKNACK		8.6.0	8.7.0
27/05/09	RP-44	RP-090529	238	1	Correction on CQI reporting		8.6.0	8.7.0
27/05/09	RP-44	RP-090529	239	-	Correction on the HARQ process number		8.6.0	8.7.0
27/05/09	RP-44	RP-090529	241	1	CR correction of the description on TTI-bundling		8.6.0	8.7.0
27/05/09	RP-44	RP-090529	242	1	Clarify latest and initial PDCCH for PDSCH and PUSCH transmisisons, and NDI for SPS activation		8.6.0	8.7.0
27/05/09	RP-44	RP-090529	243	-	Clarify DRS EPRE		8.6.0	8.7.0
27/05/09	RP-44	RP-090529	244	1	Clarification on TPC commands for SPS		8.6.0	8.7.0
15/09/09	RP-45	RP-090888	245	1	Correction to PUSCH hopping and PHICH mapping procedures		8.7.0	8.8.0
15/09/09	RP-45	RP-090888	246	-	Clarification on subband indexing in periodic CQI reporting		8.7.0	8.8.0
15/09/09	RP-45	RP-090888	247	2	Correction to DVRB operation in TDD transmission mode 7		8.7.0	8.8.0
15/09/09	RP-45	RP-090888	249	-	Clarification of concurrent ACKNACK and periodic PMI/RI transmission on PUCCH for TDD		8.7.0	8.8.0
15/09/09	RP-45	RP-090888	250	-	Clarify Inter-cell synchronization text		8.7.0	8.8.0
01/12/09	RP-46	RP-091172	248	1	Introduction of LTE positioning		8.8.0	9.0.0
01/12/09	RP-46	RP-091172	254	-	Clarification of PDSCH and PRS in combination for LTE positioning		8.8.0	9.0.0
01/12/09	RP-46	RP-091177	255	5	Editorial corrections to 36.213		8.8.0	9.0.0
01/12/09	RP-46	RP-091257	256	1	Introduction of enhanced dual layer transmission		8.8.0	9.0.0
01/12/09	RP-46	RP-091177	257	1	Add shorter SR periodicity		8.8.0	9.0.0
01/12/09	RP-46	RP-091256	258	-	Introduction of LTE MBMS		8.8.0	9.0.0
17/12/09	RP-46	RP-091257	256	1	Correction by MCC due to wrong implementation of CR0256r1 – Sentence is added to Single-antenna port scheme subclause 7.1.1		9.0.0	9.0.1
16/03/10	RP-47	RP-100211	259	3	UE behavior when collision of antenna port 7/8 with PBCH or SCH happened and when distributed VRB is used with antenna port 7		9.0.1	9.1.0
16/03/10	RP-47	RP-100210	260	1	MCCH change notification using DCI format 1C		9.0.1	9.1.0
16/03/10	RP-47	RP-100211	263	-	Correction on PDSCH EPRE and UE-specific RS EPRE for Rel-9 enhanced DL transmissions		9.0.1	9.1.0
01/06/10	RP-48	RP-100589	265	-	Clarification for TDD when multiplexing ACK/NACK with SR of ACK/NACK with CQI/PMI or RI		9.1.0	9.2.0
01/06/10	RP-48	RP-100590	268	1	Clarification of PRS EPRE		9.1.0	9.2.0

Change history								
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment		Old	New
14/09/10	RP-49	RP-100900	269	-	Clarification on Extended CP support with Transmission Mode 8		9.2.0	9.3.0
07/12/10	RP-50	RP-101320	270	-	Introduction of Rel-10 LTE-Advanced features in 36.213		9.3.0	10.0.0
27/12/10	-	-	-	-	Editorial change to correct a copy/past error in subclause 7.2.2		10.0.0	10.0.1
15/03/11	RP-51	RP-110255	271	1	A clarification for redundancy version of PMCH		10.0.1	10.1.0
15/03/11	RP-51	RP-110258	272	-	RLM Procedure with restricted measurements		10.0.1	10.1.0
15/03/11	RP-51	RP-110256	273	-	Corrections to Rel-10 LTE-Advanced features in 36.213		10.0.1	10.1.0
01/06/11	RP-52	RP-110819	274	3	Correction to HARQ-ACK procedure for TDD mode b with M=2		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	275	3	Determination of PUSCH A/N codebook size for TDD		10.1.0	10.2.0
01/06/11	RP-52	RP-110823	276	-	The triggering of aperiodic SRS in DCI formats 2B and 2C		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	278	3	Corrections to power headroom		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	279	1	Removal of square brackets for PUCCH format 3 ACK/NACK		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	281	1	Correction of AN repetition and PUCCH format 3		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	282	2	Correction to timing for secondary cell activation and deactivation		10.1.0	10.2.0
01/06/11	RP-52	RP-110823	283	1	Correction to MCS offset for multiple TBs		10.1.0	10.2.0
01/06/11	RP-52	RP-110820	286	1	Miscellaneous Corrections		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	288	1	Corrections on UE procedure for determining PUCCH Assignment		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	289	2	Correction to Multi-cluster flag in DCI format 0		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	290	2	Joint transmission of ACK/NACK and SR with PUCCH format 3		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	291	3	Correction of uplink resource allocation type 1		10.1.0	10.2.0
01/06/11	RP-52	RP-110821	292	1	Correction on CSI-RS configuration		10.1.0	10.2.0
01/06/11	RP-52	RP-110818	294	-	ACK/NACK and CQI simultaneous transmission in ACK/NACK bundling in TDD		10.1.0	10.2.0
01/06/11	RP-52	RP-110823	295	-	UE specific disabling of UL DMRS sequence hopping		10.1.0	10.2.0
01/06/11	RP-52	RP-110821	296	-	PDSCH transmission in MBSFN subframes		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	297	-	Introduction of PCMAX for PUSCH power scaling		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	298	-	Power control for SR and ACK/NACK with PUCCH format 3		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	299	2	CR on power control for HARQ-ACK transmission on PUCCH		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	300	2	Correction to handling of search space overlap		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	301	1	Correction to simultaneous transmission of SRS and PUCCH format 2/2a/2b		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	302	1	Correction for Simultaneous PUCCH and SRS Transmissions on CA		10.1.0	10.2.0
01/06/11	RP-52	RP-110821	303	-	Correction on 8Tx Codebook Sub-sampling for PUCCH Mode 1-1		10.1.0	10.2.0
01/06/11	RP-52	RP-110821	304	1	Corrections on CQI type in PUCCH mode 2-1 and clarification on simultaneous PUCCH and PUSCH transmission for UL-SCH subframe bundling		10.1.0	10.2.0
01/06/11	RP-52	RP-110818	305	1	Correction on UE behaviour upon reporting periodic CSI using PUCCH Mode1-1		10.1.0	10.2.0
01/06/11	RP-52	RP-110818	306	-	Clarification for the definition of CQI		10.1.0	10.2.0
01/06/11	RP-52	RP-110818	307	-	Clarification for the definition of Precoding Matrix Indicator		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	308	-	Simultaneous SRS transmissions in more than one cell		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	310	1	Miscellaneous Corrections for TS 36.213		10.1.0	10.2.0
01/06/11	RP-52	RP-110821	311	1	Configuration of pmi-RI-Report		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	312	1	Correction on the support of PUCCH format 3 and channel selection		10.1.0	10.2.0
01/06/11	RP-52	RP-110821	313	-	Correction on UE behaviour during DM-RS transmission on subframes carrying synchronization signals		10.1.0	10.2.0
01/06/11	RP-52	RP-110820	314	1	36.213 CR on antenna selection		10.1.0	10.2.0
01/06/11	RP-52	RP-110823	316	1	Number of HARQ process for UL spatial multiplexing		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	317	-	PUCCH format 3 Fallback procedure in TDD		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	318	-	Clarification on CSI reporting under an invalid downlink subframe		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	320	-	Multiple Aperiodic SRS Triggers for Same Configuration		10.1.0	10.2.0
01/06/11	RP-52	RP-110823	321	-	UE antenna switch in UL MIMO		10.1.0	10.2.0
01/06/11	RP-52	RP-110819	322	-	UE behaviour for PDSCH reception with limited soft buffer in CA		10.1.0	10.2.0
01/06/11	RP-52	RP-110859	323	-	Joint transmission of ACK/NACK and SR or CSI with PUCCH format 3 and channel selection		10.1.0	10.2.0
15/09/11	RP-53	RP-111229	277	1	Correction to reception of PRS in MBSFN subframes		10.2.0	10.3.0
15/09/11	RP-53	RP-111230	325	3	Corrections on UE procedure for reporting HARQ-ACK		10.2.0	10.3.0
15/09/11	RP-53	RP-111230	326	2	Corrections on Physical Uplink Control Channel Procedure		10.2.0	10.3.0
15/09/11	RP-53	RP-111231	331	1	Correction to uplink transmission scheme usage for random access response and PHICH-triggered retransmissions		10.2.0	10.3.0
15/09/11	RP-53	RP-111229	336	-	Corrections on transmission mode 9		10.2.0	10.3.0
15/09/11	RP-53	RP-111230	339	-	Corrections on HARQ-ACK codebook size determination		10.2.0	10.3.0
15/09/11	RP-53	RP-111230	340	-	Corrections on TDD PUCCH format 1b with channel selection and HARQ-ACK transmission on PUSCH		10.2.0	10.3.0
15/09/11	RP-53	RP-111230	341	-	Corrections on NACK generation		10.2.0	10.3.0

Change history								
Date	**TSG #**	**TSG Doc.**	**CR**	**Rev**	**Subject/Comment**		**Old**	**New**
15/09/11	RP-53	RP-111230	342	-	Corrections on power headroom reporting		10.2.0	10.3.0
15/09/11	RP-53	RP-111229	346	-	Correction on TBS translation table		10.2.0	10.3.0
15/09/11	RP-53	RP-111229	347	2	Correction to the condition of enabling PMI feedback		10.2.0	10.3.0
15/09/11	RP-53	RP-111232	348	-	Miscellaneous corrections to 36.213		10.2.0	10.3.0
15/09/11	RP-53	RP-111229	349	-	Corrections on PUSCH and PUCCH modes		10.2.0	10.3.0
15/09/11	RP-53	RP-111231	350	1	CR on UL HARQ ACK determination		10.2.0	10.3.0
15/09/11	RP-53	RP-111231	351	1	Correction on UL DMRS resources for PHICH-triggered retransmission		10.2.0	10.3.0
15/09/11	RP-53	RP-111230	352	-	Clarification on the common search space description		10.2.0	10.3.0
15/09/11	RP-53	RP-111232	353	1	Clarification on ambiguous DCI information between UE-specific search space and common search space for DCI formats 0 and 1A		10.2.0	10.3.0
15/09/11	RP-53	RP-111229	354	-	Clarification of Reference PDSCH Power for CSI-RS based CSI Feedback		10.2.0	10.3.0
15/09/11	RP-53	RP-111230	355	2	Corrections on reporting Channel State Information		10.2.0	10.3.0
05/12/11	RP-54	RP-111669	324	3	Accumulation of power control commands from DCI format 3/3A		10.3.0	10.4.0
05/12/11	RP-54	RP-111666	357	1	Miscellaneous corrections on uplink power control		10.3.0	10.4.0
05/12/11	RP-54	RP-111666	358	-	Corrections on N_c^{received}		10.3.0	10.4.0
05/12/11	RP-54	RP-111666	359	-	Corrections on TDD PUCCH format 1b with channel selection and two configured serving cells		10.3.0	10.4.0
05/12/11	RP-54	RP-111666	360	-	Corrections on the notation of k and k_m		10.3.0	10.4.0
05/12/11	RP-54	RP-111668	361	1	Corrections on PUCCH mode 2-1		10.3.0	10.4.0
05/12/11	RP-54	RP-111668	362	3	A correction to PDSCH transmission assumption for CQI calculation		10.3.0	10.4.0
05/12/11	RP-54	RP-111666	363	1	Corrections on PUCCH Resource Notation		10.3.0	10.4.0
05/12/11	RP-54	RP-111667	364	-	Correction on the notation of SRS transmission comb		10.3.0	10.4.0
05/12/11	RP-54	RP-111666	365	-	Clarification on the HARQ-ACK procedure of TDD UL-DL configuration 5		10.3.0	10.4.0
05/12/11	RP-54	RP-111666	366	2	Clarification on the determination of resource for PUCCH Format 1b with channel selection in TDD mode		10.3.0	10.4.0
05/12/11	RP-54	RP-111666	367	1	Correction on HARQ-ACK procedure		10.3.0	10.4.0
05/12/11	RP-54	RP-111666	368	-	Correction for A/N on PUSCH with W=1,2 in case of TDD channel selection		10.3.0	10.4.0
05/12/11	RP-54	RP-111668	369	-	Clarification of PUCCH 2-1 Operation		10.3.0	10.4.0
05/12/11	RP-54	RP-111668	370	1	Correction on PMI index		10.3.0	10.4.0
05/12/11	RP-54	RP-111666	371	2	Correction to periodic CSI reports for carrier aggregation		10.3.0	10.4.0
05/12/11	RP-54	RP-111666	373	1	Removal of square bracket in HARQ-ACK procedure		10.3.0	10.4.0
05/12/11	RP-54	RP-111666	374	1	Clarification on UE's capability of supporting PUCCH format 3		10.3.0	10.4.0
05/12/11	RP-54	RP-111666	375	1	Clarifications of UE behavior on PUSCH power control		10.3.0	10.4.0
28/02/12	RP-55	RP-120286	376	1	RNTI Configuration associated with DL Resource Allocation Type 2		10.4.0	10.5.0
28/02/12	RP-55	RP-120283	377	2	Correction for ACK/NACK related procedure in case of TDD UL-DL configuration 0		10.4.0	10.5.0
13/06/12	RP-56	RP-120737	378	3	Correction of FDD channel selection HARQ-ACK and SR transmission		10.5.0	10.6.0
13/06/12	RP-56	RP-120738	379	-	Removal of description with square brackets		10.5.0	10.6.0
13/06/12	RP-56	RP-120738	381	-	Correction on transmission mode 9 with a single antenna port transmission		10.5.0	10.6.0
04/09/12	RP-57	RP-121265	382	-	Clarification of codebook subsampling for PUCCH 2-1		10.6.0	10.7.0
04/09/12	RP-57	RP-121266	383	-	Correction to UE transmit antenna selection		10.6.0	10.7.0
04/09/12	RP-57	RP-121264	384	-	TDD HARQ-ACK procedure for PUCCH format 1b with channel selection in carrier aggregation		10.6.0	10.7.0
04/09/12	RP-57	RP-121265	385	-	Corrections for Handling CSI-RS patterns		10.6.0	10.7.0
04/09/12	RP-57	RP-121264	386	1	Reference serving cell for pathloss estimation		10.6.0	10.7.0
04/09/12	RP-57	RP-121264	387	-	Power control for PUCCH format 3 with single configured cell		10.6.0	10.7.0
04/09/12	RP-57	RP-121264	388	-	ACK/NACK resource in case of channel selection		10.6.0	10.7.0
04/09/12	RP-57	RP-121274	380	4	Introduction of an additional special subframe configuration		10.7.0	11.0.0
04/09/12	RP-57	RP-121272	389	-	Introduction of Rel-11 features		10.7.0	11.0.0
04/12/12	RP-58	RP-121839	393	-	Correction to the parameter ue-Category-v10xy		11.0.0	11.1.0
04/12/12	RP-58	RP-121837	395	-	Correction of reference signal scrambling sequence initialization for SPS in transmission mode 7		11.0.0	11.1.0
04/12/12	RP-58	RP-121846	396	-	Finalisation for introducing Rel-11 features		11.0.0	11.1.0
26/02/13	RP-59	RP-130254	398	-	Correction on UE procedure for reporting HARQ-ACK		11.1.0	11.2.0
26/02/13	RP-59	RP-130252	400	-	Corrections for SRS power scaling in UpPTS		11.1.0	11.2.0
26/02/13	RP-59	RP-130252	403	-	CR on UE specific search and Common search space overlap on PDCCH		11.1.0	11.2.0
26/02/13	RP-59	RP-130358	404	-	Additional clarifications/corrections for introducing Rel-11 features		11.1.0	11.2.0
11/06/13	RP-60	RP-130752	405	-	Correction to EPDCCH monitoring in case of cross-carrier scheduling		11.2.0	11.3.0

Change history							
Date	**TSG #**	**TSG Doc.**	**CR**	**Rev**	**Subject/Comment**	**Old**	**New**
11/06/13	RP-60	RP-130751	407	1	Correction on the RI bit width	11.2.0	11.3.0
11/06/13	RP-60	RP-130750	408	-	Correction on parallel reception of PDSCH and Msg 2	11.2.0	11.3.0
11/06/13	RP-60	RP-130747	409	-	Correction on zero power CSI-RS resource configuration	11.2.0	11.3.0
11/06/13	RP-60	RP-130750	410	1	Corrections on different TDD UL-DL configurations on different bands	11.2.0	11.3.0
11/06/13	RP-60	RP-130752	411	-	Correction on EPDCCH PRB pair indication	11.2.0	11.3.0
11/06/13	RP-60	RP-130752	412	-	Correction on EPDCCH hashing function	11.2.0	11.3.0
11/06/13	RP-60	RP-130752	413	-	Correction on PUCCH resource determination for FDD EPDCCH	11.2.0	11.3.0
11/06/13	RP-60	RP-130752	414	2	CR on ambiguity in EPDCCH decoding candidates under two overlapped EPDCCH resource sets	11.2.0	11.3.0
11/06/13	RP-60	RP-130749	415	-	Removal of the case for spatial domain bundling in TDD UL/DL configuration 0	11.2.0	11.3.0
11/06/13	RP-60	RP-130752	416	-	Corrections to EPDCCH PRB pair indication	11.2.0	11.3.0
11/06/13	RP-60	RP-130753	417	1	Correction to PUSCH/PUCCH transmit power after PRACH power ramping	11.2.0	11.3.0
11/06/13	RP-60	RP-130747	418	-	CR on RI-Reference CSI Process with Subframe Sets	11.2.0	11.3.0
11/06/13	RP-60	RP-130747	420	-	Correction on UE-specific RS scrambling for SPS PDSCH in TM10	11.2.0	11.3.0
11/06/13	RP-60	RP-130747	421	-	CR on resolving ambiguous UE capability signaling for CoMP	11.2.0	11.3.0
11/06/13	RP-60	RP-130750	422	-	Correction of valid downlink subframe	11.2.0	11.3.0
11/06/13	RP-60	RP-130749	424	-	Correction on HARQ-ACK transmission for a UE configured with PUCCH format 3	11.2.0	11.3.0
11/06/13	RP-60	RP-130750	425	-	Correction of PHICH resource for half duplex TDD UE	11.2.0	11.3.0
11/06/13	RP-60	RP-130750	426	-	Correction on n_{HARQ} for TDD CA with different UL-DL configurations	11.2.0	11.3.0
11/06/13	RP-60	RP-130750	427	-	Correction on implicit HARQ-ACK resource determination for PUCCH format 1b with channel selection for TDD CA with different UL-DL configurations	11.2.0	11.3.0
11/06/13	RP-60	RP-130750	428	-	Correction on SRS power scaling with multiple TAGs	11.2.0	11.3.0
11/06/13	RP-60	RP-130747	429	-	Correction on MBSFN subframe configuration	11.2.0	11.3.0
11/06/13	RP-60	RP-130749	430	-	CR on SCell activation timing	11.2.0	11.3.0
03/09/13					MCC clean-up	11.3.0	11.4.0
03/09/13	RP-61	RP-131249	432	-	Correction for EPDCCH Search Space	11.3.0	11.4.0
03/09/13	RP-61	RP-131250	433	-	Correction to QCL behaviour on CRS	11.3.0	11.4.0
03/09/13	RP-61	RP-131250	434	-	Correction on PUCCH power control	11.3.0	11.4.0
03/09/13	RP-61	RP-131248	435	-	Correction on the ratio of PDSCH EPRE to CRS EPRE for TM10	11.3.0	11.4.0
03/09/13	RP-61	RP-131249	436	-	CR on EPDCCH Search Space for Cross-Carrier Scheduling	11.3.0	11.4.0
03/09/13	RP-61	RP-131249	437	-	Correction to the UE behaviour in case of collision between PRS and EPDCCH in different CP case	11.3.0	11.4.0
03/09/13	RP-61	RP-131249	438	-	On correction to higher layer parameter name for EPDCCH resource mapping	11.3.0	11.4.0
03/09/13	RP-61	RP-131248	439	-	Correction to PDSCH mapping for CoMP	11.3.0	11.4.0
03/12/13	RP-62	RP-131893	440	1	Correction on parameter ue-Category	11.4.0	11.5.0
03/12/13	RP-62	RP-131892	442	1	Correction on determination of modulation order and transport block size	11.4.0	11.5.0
03/12/13	RP-62	RP-132024	445	3	Correction on CSI reporting type and parameters	11.4.0	11.5.0
03/12/13	RP-62	RP-131894	446	-	Correction on deriving the length of the non-MBSFN region	11.4.0	11.5.0
03/12/13	RP-62	RP-131896	431	5	Introduction of Rel 12 feature for Downlink MIMO Enhancement	11.5.0	12.0.0
03/03/14	RP-63	RP-140286	447	-	Correction to CSI Reporting	12.0.0	12.1.0
03/03/14	RP-63	RP-140291	448	-	Clarification on PUCCH Mode 1-1 for 4Tx Dual Codebook	12.0.0	12.1.0
03/03/14	RP-63	RP-140287	450	1	Common search space monitoring for MBMS	12.0.0	12.1.0
03/03/14	RP-63	RP-140290	452	-	Introduction of new UE categories	12.0.0	12.1.0
03/03/14	RP-63	RP-140288	455	1	Modification to I_SRS = 0 for trigger type 1 SRS and TDD	12.0.0	12.1.0
03/03/14	RP-63	RP-140289	458	-	Correction to CSI processing in TM10	12.0.0	12.1.0
10/06/14	RP-64	RP-140858	459	1	Clarification on PUCCH reporting type payload size	12.1.0	12.2.0
10/06/14	RP-64	RP-140858	461	-	Clarification on SRS colliding with PUCCH in the same cell when the UE is configured with multiple TAGs	12.1.0	12.2.0
10/06/14	RP-64	RP-140858	462	1	Clarification on SRS antenna switching	12.1.0	12.2.0
10/06/14	RP-64	RP-140862	463	-	Introduction of Rel-12 LTE-Advanced features in 36.213	12.1.0	12.2.0
10/09/14	RP-65	RP-141479	464		Correction on SRS transmission for TDD-FDD CA	12.2.0	12.3.0
10/09/14	RP-65	RP-141478	465	-	Correction on beta_{offset}^{HARQ-ACK} determination for a UE configured with two uplink power control subframe sets	12.2.0	12.3.0
10/09/14	RP-65	RP-141478	466	-	Corrections for TDD eIMTA	12.2.0	12.3.0
10/09/14	RP-65	RP-141479	467	3	CR on HARQ-ACK Multiplexing in PUSCH for TDD-FDD CA	12.2.0	12.3.0
10/09/14	RP-65	RP-141474	469	-	Correction to UCI embedding in case of a single serving cell and simultaneous PUSCH and PUCCH transmission	12.2.0	12.3.0
10/09/14	RP-65	RP-141478	470	-	Corrections on UL-reference UL/DL configuration	12.2.0	12.3.0
10/09/14	RP-65	RP-141473	471	-	CR for Clarification of special subframe and usage alignment	12.2.0	12.3.0

Change history								
Date	**TSG #**	**TSG Doc.**	**CR**	**Rev**	**Subject/Comment**		**Old**	**New**
10/09/14	RP-65	RP-141485	472	-	Introduction of low-cost MTC and 256QAM features		12.2.0	12.3.0
08/12/14	RP-66	RP-142104	482	5	Introduction of Dual Connectivity, Small Cell Enhancements, NAICS, eIMTA, and TDD-FDD CA features		12.3.0	12.4.0
08/12/14	RP-66	RP-142097	487	1	Clarification of periodic CSI feedback for subband CQI and PMI		12.3.0	12.4.0
08/12/14	RP-66	RP-142100	491	-	Correction of the parameter CSIProcessIndex		12.3.0	12.4.0
09/03/15	RP-67	RP-150366	492	2	Introduction of D2D feature into 36.213		12.4.0	12.5.0
09/03/15	RP-67	RP-150363	494	1	Correction to PUCCH procedures in case of FDD Pcell and TDD Scell in TDD-FDD CA		12.4.0	12.5.0
09/03/15	RP-67	RP-150364	498	-	Correction on higher layer parameter names for 256QAM		12.4.0	12.5.0
09/03/15	RP-67	RP-150359	500	-	TM10 CSI-IM Interference Measurements		12.4.0	12.5.0
09/03/15	RP-67	RP-150358	502	-	Clarification on common search reception related to MBMS		12.4.0	12.5.0
09/03/15	RP-67	RP-150364	503	-	Correction to Discovery in Small Cell Enhancement feature		12.4.0	12.5.0
09/03/15	RP-67	RP-150365	504	1	Corrections to Dual Connectivity feature		12.4.0	12.5.0
15/06/15	RP-68	RP-150931	493	2	Clarification on HARQ-ACK repetition		12.5.0	12.6.0
15/06/15	RP-68	RP-150932	497	3	Clarification on PUCCH Format 3 Resource Derivation for TDD UL/DL Configuration 5		12.5.0	12.6.0
15/06/15	RP-68	RP-150933	506	-	Clarification on the PRACH power in subframe i2-1 for PCM2		12.5.0	12.6.0
15/06/15	RP-68	RP-150933	507	-	Clarification on the MTA operation in PCM1		12.5.0	12.6.0
15/06/15	RP-68	RP-150933	512	-	Correction of higher layer parameter names in dual connectivity		12.5.0	12.6.0
15/06/15	RP-68	RP-150935	513	1	Correction on UE procedure of determining subframe pool for PSCCH and PSSCH in ProSe		12.5.0	12.6.0
15/06/15	RP-68	RP-150935	514	1	Correction on UE procedure of transmitting PSCCH in ProSe		12.5.0	12.6.0
15/06/15	RP-68	RP-150933	515	1	Correction on UL Power Control for Synchronous Dual Connectivity		12.5.0	12.6.0
15/06/15	RP-68	RP-150933	516	1	Correction on UL Power Control for Asynchronous Dual Connectivity		12.5.0	12.6.0
15/06/15	RP-68	RP-150937	517	-	Correction to Rel-12 UE category signal name		12.5.0	12.6.0
15/06/15	RP-68	RP-150936	520	-	Corrections on eIMTA RRC parameter naming		12.5.0	12.6.0
15/06/15	RP-68	RP-150933	521	-	Correction on Closed Loop Antenna Selection for Dual Connectivity		12.5.0	12.6.0
15/06/15	RP-68	RP-150935	523	-	Alignment of Prose parameter names		12.5.0	12.6.0
14/09/15	RP-69	RP-151470	525	-	UE processing time relaxation on Type 2 Power Headroom Reporting		12.6.0	12.7.0
14/09/15	RP-69	RP-151468	527	-	Correction of ProSe parameters		12.6.0	12.7.0
14/09/15	RP-69	RP-151471	528	2	Clarification on power control for PCM2		12.6.0	12.7.0
07/12/15	RP-70	RP-152034	530	1	Clarification of PUCCH resource allocation related to EPDCCH SCells		12.7.0	12.8.0
07/12/15	RP-70	RP-152037	531	-	Clarification on the parameter notations for eIMTA		12.7.0	12.8.0
07/12/15	RP-70	RP-152037	534	-	Correction on aperiodic CSI transmission without UL-SCH according to table 7.2.1-1C		12.7.0	12.8.0
07/12/15	RP-70	RP-152038	535	1	Introduction of new maximum TBS for TM9/10		12.7.0	12.8.0
07/12/15	RP-70	RP-152034	542	-	Clarification of PHICH resource assignement related to EPDCCH scheduled PUSCH		12.7.0	12.8.0
07/12/15	RP-70	RP-152036	543	1	Modify max TA for dual connectivity		12.7.0	12.8.0
07/12/15	RP-70	RP-152125	533	3	eD2D CR for 36.213		12.8.0	13.0.0
07/12/15	RP-70	RP-152031	536	-	Introduction of Rel 13 features for SC-PTM		12.8.0	13.0.0
07/12/15	RP-70	RP-152026	537	2	Introduction of LAA (PHY layer aspects)		12.8.0	13.0.0
07/12/15	RP-70	RP-152026	538	5	Introduction of LAA (eNB Channel Access Procedures)		12.8.0	13.0.0
07/12/15	RP-70	RP-152027	539	1	Introduction of Enhanced CA in Release 13		12.8.0	13.0.0
07/12/15	RP-70	RP-152025	541	1	Introduction of EB/FD-MIMO		12.8.0	13.0.0
26/01/16	Post RP-70				MCC update to show correct version of the spec in the headers of all subparts and get all of them aligned with coversheet		13.0.0	13.0.1

						Change history	
Date	**Meeting**	**TDoc**	**CR**	**R ev**	**Cat**	**Subject/Comment**	**New version**
2016-03	RAN#71	RP-160359	546	-	F	Alignment eD2D CR for 36.213	13.1.0
2016-03	RAN#71	RP-160549	548	3	F	Clarification on PDSCH collision with PSS/SSS/PBCH	13.1.0
2016-03	RAN#71	RP-160357	550	1	F	Clarification on number of PRBs for PUCCH format 4	13.1.0
2016-03	RAN#71	RP-160357	554	2	F	Clarification on code rate for periodic CSI transmission on PUCCH format 4 and 5	13.1.0
2016-03	RAN#71	RP-160360	555	1	F	Clarification on Averaging of CSI Measurements in LAA	13.1.0
2016-03	RAN#71	RP-160357	559	-	F	Limit on number of periodic CSI reports	13.1.0
2016-03	RAN#71	RP-160357	560	1	F	Correction on Transmission Code Rate Determination	13.1.0
2016-03	RAN#71	RP-160360	562	-	F	CR on LAA defer and sensing duration	13.1.0
2016-03	RAN#71	RP-160357	563	-	F	Correction on aperiodic CSI only PUSCH without UL-SCH	13.1.0
2016-03	RAN#71	RP-160357	564	-	F	Correction on HARQ-ACK and periodic CSI transmission	13.1.0
2016-03	RAN#71	RP-160357	565	-	F	Correction on Simultaneous HARQ-ACK and P-CSI Transmission	13.1.0
2016-03	RAN#71	RP-160358	566	1	F	CR on MR support in TM9	13.1.0
2016-03	RAN#71	RP-160358	568	-	F	Correction on Subsampling of Class A Codebook	13.1.0
2016-03	RAN#71	RP-160360	569	-	F	CR on definition of LAA idle sensing for periods longer than one CCA slot	13.1.0
2016-03	RAN#71	RP-160360	570	-	F	Correction on total sensing and transmission time for Japan	13.1.0
2016-03	RAN#71	RP-160360	571	-	F	Correction on common DCI detection of LAA in 36.213	13.1.0
2016-03	RAN#71	RP-160360	572	-	F	CR on valid downlink subframe definition for TM9/10	13.1.0
2016-03	RAN#71	RP-160360	573	-	F	CR on eCCE of EPDCCH for partial subframe	13.1.0
2016-03	RAN#71	RP-160360	576	-	F	Correction on cross-carrier scheduling in LAA	13.1.0
2016-03	RAN#71	RP-160360	577	-	F	Correction on QCL type B for LAA	13.1.0
2016-03	RAN#71	RP-160358	578	-	F	Correction on Class B CSI reporting	13.1.0
2016-03	RAN#71	RP-160358	579	-	F	CR on CRI reporting for one CSI-RS ports (36.213)	13.1.0
2016-03	RAN#71	RP-160358	580	-	F	Correction to the condition of CRI updating restriction	13.1.0
2016-03	RAN#71	RP-160358	581	-	F	Correction to the additional UpPTS symbols for SRS	13.1.0
2016-03	RAN#71	RP-160358	582	-	F	Clarification on PUCCH mode 1-1 configuration	13.1.0
2016-03	RAN#71	RP-160360	584	-	F	Correction on EPDCCH assignment in LAA	13.1.0
2016-03	RAN#71	RP-160360	585	-	F	CR for LAA CW reset per AC in case of K attempts at CWmax	13.1.0
2016-03	RAN#71	RP-160358	586	-	F	Corrections to RI-inheritance	13.1.0
2016-03	RAN#71	RP-160358	587	-	F	CR on CSI-RS resource in 36.213	13.1.0
2016-03	RAN#71	RP-160358	588	-	F	CR on mismatch between 36.213 and 36.331	13.1.0
2016-03	RAN#71	RP-160357	589	-	F	Correction on CSI transmission for eCA in 36.213	13.1.0
2016-03	RAN#71	RP-160358	590	-	F	Clarification on joint reports of CRI	13.1.0
2016-03	RAN#71	RP-160358	591	-	F	Correction to RI reference CSI process	13.1.0
2016-03	RAN#71	RP-160358	592	-	F	Corrections to Class B CSI reporting on PUCCH	13.1.0
2016-03	RAN#71	RP-160357	594	-	F	Correction on PUCCH transmission and (E)PDCCH disabling in eCA	13.1.0
2016-03	RAN#71	RP-160358	595	-	F	CSI-RS in DwPTS	13.1.0
2016-03	RAN#71	RP-160357	596	1	F	Correction on shortened PUCCH format for Rel-13 CA	13.1.0
2016-03	RAN#71	RP-160357	598	-	F	Correction on HARQ-ACK bit concatenation for PUCCH format 4 and 5	13.1.0
2016-03	RAN#71	RP-160360	599	-	F	Corrections for LAA Energy Detection Threshold	13.1.0
2016-03	RAN#71	RP-160360	0600	-	F	Correction on channel access procedure for DL LBT	13.1.0
2016-03	RAN#71	RP-160360	0601	-	F	Correction on CWS adjustment in LAA	13.1.0
2016-03	RAN#71	RP-160360	0602	-	F	Corrections for Type B Multi-channel access procedure for an LAA SCell	13.1.0
2016-03	RAN#71	RP-160358	0603	-	F	CR on Class B CQI measurement correction	13.1.0
2016-03	RAN#71	RP-160360	0604	1	F	Corrections for PDCCH and EPDCCH monitoring on an LAA SCell in 36.213	13.1.0
2016-03	RAN#71	RP-160363	0605	-	A	Clarification on T_threshold in dual connectivity	13.1.0
2016-03	RAN#71	RP-160361	0540	6	B	Introduction of further LTE Physical Layer Enhancements for MTC	13.1.0
2016-03	Post RAN#71					MCC update to show correct version of the spec in the headers of all subparts and get all of them aligned with coversheet	13.1.1
2016-06	RAN#72	RP-161062	0575	2	F	Correction on SPS HARQ-ACK bit handling in case of dynamic codebook configuration of eCA in 36.213	13.2.0
2016-06	RAN#72	RP-161063	0593	1	F	Correction to the UE's assumption on DMRS ports	13.2.0
2016-06	RAN#72	RP-161062	0608	1	F	Correction on HARQ-ACK ordering in case of semi-static codebook configuration of eCA	13.2.0
2016-06	RAN#72	RP-161062	0610	1	F	Correction on timing for secondary cell activation/deactivation for eCA in 36.213	13.2.0
2016-06	RAN#72	RP-161068	0611	-	A	Correction on RRC parameter for configuring new TBSs	13.2.0
2016-06	RAN#72	RP-161063	0614	-	F	Correction to rank 5-8 FD-MIMO CSI feedback	13.2.0
2016-06	RAN#72	RP-161062	0615	-	F	Correction on aperiodic CSI reporting mode 1-0 and 1-1	13.2.0
2016-06	RAN#72	RP-161066	0616	-	F	Correction of paging PDSCH transmission for MTC UE	13.2.0
2016-06	RAN#72	RP-161066	0618	-	F	Update RRC parameter names for MTC	13.2.0
2016-06	RAN#72	RP-161066	0619	-	F	PUCCH repetition for Msg4 for MTC	13.2.0
2016-06	RAN#72	RP-161066	0620	-	F	MPDCCH repetition for paging and random access for MTC	13.2.0
2016-06	RAN#72	RP-161066	0621	1	F	MCS field in DCI format 6-2 for paging for MTC	13.2.0

2016-06	RAN#72	RP-161062	0622	-	F	Coding of higher layer parameter codebooksizeDetermination-r13	13.2.0
2016-06	RAN#72	RP-161062	0623	1	F	Corrections on Simultaneous HARQ-ACK and P-CSI in 36.213	13.2.0
2016-06	RAN#72	RP-161069	0624	-	F	Corrections SRS dropping in CA in 36.213	13.2.0
2016-06	RAN#72	RP-161065	0625	-	D	Correction to the usage of undefined terminology "channel"	13.2.0
2016-06	RAN#72	RP-161065	0626	-	F	Correction on channel access procedure after an additional defer duration for DL LBT	13.2.0
2016-06	RAN#72	RP-161284	0627	1	F	Clarification for LAA CSI processing	13.2.0
2016-06	RAN#72	RP-161065	0628	-	F	MCS Table for Initial Partial TTI in LAA	13.2.0
2016-06	RAN#72	RP-161063	0629	-	F	Correction on the linkage between CSI-RS and CSI-IM for Class B	13.2.0
2016-06	RAN#72	RP-161062	0630	-	F	Correction for HARQ-ACK Codebook Determination in eCA	13.2.0
2016-06	RAN#72	RP-161065	0631	-	F	Clarification on "special subframe" for frame structure type 3 in 36.213	13.2.0
2016-06	RAN#72	RP-161062	0632	-	F	Corrections on simultaneous transmission of HARQ-ACK and SR in 36.213	13.2.0
2016-06	RAN#72	RP-161066	0633	2	F	MDPCCH candidate overflow monitoring correction for eMTC	13.2.0
2016-06	RAN#72	RP-161066	0634	-	F	Correction to TS 36.213 for eMTC	13.2.0
2016-06	RAN#72	RP-161066	0635	1	F	Correction on M-PDCCH case definition	13.2.0
2016-06	RAN#72	RP-161066	0636	-	F	Correction on CSS for MPDCCH configured by temporary C-RNTI and Type0 MPDCCH CSS resource	13.2.0
2016-06	RAN#72	RP-161066	0637	2	F	Correction on collision of dynamically scheduled data and semi-statically scheduled data for Rel-13 eMTC	13.2.0
2016-06	RAN#72	RP-161066	0638	1	F	Correction on PDSCH transmission timing for Rel-13 eMTC	13.2.0
2016-06	RAN#72	RP-161066	0639	-	F	On the collision between eMTC SIB and MPDCCH/PDSCH in TS 36.213	13.2.0
2016-06	RAN#72	RP-161066	0639	-	F	On the collision between eMTC SIB and MPDCCH/PDSCH in TS 36.213	13.2.0
2016-06	RAN#72	RP-161066	0640	-	F	Collision between PUCCH format 2 and PDSCH with repetitions	13.2.0
2016-06	RAN#72	RP-161066	0641	-	F	Clarification of TM1/2/6 on MBSFN subframes	13.2.0
2016-06	RAN#72	RP-161066	0642	-	F	Correction of fallback behavior for TM9	13.2.0
2016-06	RAN#72	RP-161066	0643	-	F	Correction on RV and MPDCCH starting position	13.2.0
2016-06	RAN#72	RP-161066	0644	1	F	Collision between PSS/SSS/PBCH and PDSCH for MTC	13.2.0
2016-06	RAN#72	RP-161065	0645	-	F	CR for 36.213 on multi-channel access procedure Type A2 in LAA	13.2.0
2016-06	RAN#72	RP-161066	0646	-	F	CR for TS36.213 related to 2+4 PRB set	13.2.0
2016-06	RAN#72	RP-161063	0647	-	F	CR on CSI-RS ID configuration for TM9 in TS 36.213	13.2.0
2016-06	RAN#72	RP-161065	0649	-	F	Initial CCA Behaviour in the Channel Access Procedure	13.2.0
2016-06	RAN#72	RP-161065	0650	-	F	CR on clarification for channel sensing	13.2.0
2016-06	RAN#72	RP-161065	0651	-	F	CR for the contention window adjustment procedure in LAA downlink channel access	13.2.0
2016-06	RAN#72	RP-161066	0653	1	F	eMTC MPDCCH corrections for 36.213	13.2.0
2016-06	RAN#72	RP-161064	0654	-	F	Correction on search space to decode the PDCCH configured by the SC-N-RNTI	13.2.0
2016-06	RAN#72	RP-161067	0656	1	B	Introduction of NB-IoT	13.2.0
2016-06	RAN#72	RP-161066	0657	-	F	Starting OFDM symbol for SIB1-BR for BL/CE UE	13.2.0
2016-06	RAN#72	RP-161066	0658	-	F	Collision between SIB1-BR and SI message for BL/CE UE	13.2.0
2016-06	RAN#72	RP-161066	0660	3	F	MPDCCH search space for random access in connected mode for BL/CE UE	13.2.0
2016-06	RAN#72	RP-161066	0662	-	F	Definition of number of MPDCCH repetitions for BL/CE UE	13.2.0
2016-06	RAN#72	RP-161066	0663	-	F	PRB locations for Type0 MPDCCH search space for BL/CE UE	13.2.0
2016-06	RAN#72	RP-161063	0666	-	F	CR on FD-MIMO codebooks (36.213)	13.2.0
2016-06	RAN#72	RP-161063	0667	-	F	CR on CSI-Reporting-Type in TS 36.213	13.2.0
2016-06	RAN#72	RP-161070	0668	-	B	Introduction of 60ms periodicity for wideband CQI/PMI reporting	13.2.0
2016-06	RAN#72	RP-161066	0669	-	F	Introduction of 60ms periodicity for wideband CQI/PMI reporting	13.2.0
2016-06	RAN#72	RP-161066	0670	-	F	On MPDCCH AL and search space for 8 EREGs per ECCE in TS 36.213	13.2.0
2016-06	RAN#72	RP-161066	0671	-	F	CR on MPDCCH quasi co-location	13.2.0
2016-06	RAN#72	RP-161063	0672	-	F	Correction on UE assumption on DMRS ports	13.2.0
2016-06	RAN#72	RP-161066	0673	-	F	A-CSI Reporting for TM6	13.2.0
2016-06	RAN#72	RP-161066	0674	-	F	Corrections on CSI Reporting	13.2.0
2016-06	RAN#72	RP-161066	0675	-	F	Correction on RV determination for PUSCH in TS 36.213	13.2.0
2016-06	RAN#72	RP-161066	0677	-	F	Clarification on Msg3 PUSCH repetition level in TS 36.213	13.2.0
2016-06	RAN#72	RP-161066	0678	-	F	Correction on SRS frequency location in TS 36.213	13.2.0
2016-06	RAN#72	RP-161066	0679	-	F	Correction on PDSCH reception timing for eMTC	13.2.0
2016-06	RAN#72	RP-161066	0680	1	F	Correcting configuration parameter for number of PRB-pairs	13.2.0
2016-06	RAN#72	RP-161066	0681	-	F	Clarification on starting subframe for MPDCCH	13.2.0
2016-06	RAN#72	RP-161066	0682	-	F	MCS for Random Access Response Grant	13.2.0
2016-06	RAN#72	RP-161066	0683	2	F	Correction on UCI multiplexing on PUSCH	13.2.0
2016-06	RAN#72	RP-161061	0684	-	F	Correction on RLM for PSCell in dual connectivity	13.2.0
2016-06	RAN#72	RP-161066	0685	-	F	Correction on PDSCH transmission scheme assumed for TM9 CSI reference resource in TS 36.213	13.2.0
2016-06	RAN#72	RP-161065	0686	-	F	CR on clarification for channel sensing	13.2.0
2016-06	RAN#72	RP-161065	0687	-	F	CR on CWp adjustment	13.2.0
2016-06	RAN#72	RP-161066	0688	-	F	Clarification of CSI measurements	13.2.0

2016-09	RAN#73	RP-161563	0689	1	F	Correction on random access procedure for NB-IoT on TS 36.213	13.3.0
2016-09	RAN#73	RP-161563	0690	-	F	Correction on NPDCCH related procedure on TS 36.213	13.3.0
2016-09	RAN#73	RP-161563	0691	-	F	Corrections to RRC parameter names for NB-IoT in TS 36.213	13.3.0
2016-09	RAN#73	RP-161563	0692	1	F	Corrections on NPDSCH related procedure in TS 36.213	13.3.0
2016-09	RAN#73	RP-161560	0693	-	F	Correction on FD-MIMO codebook in 36.213	13.3.0
2016-09	RAN#73	RP-161560	0694	-	F	Correction on RRC paremeters for SRS enhancement in 36.213	13.3.0
2016-09	RAN#73	RP-161562	0695	-	F	Transport block size determination for Msg2	13.3.0
2016-09	RAN#73	RP-161563	0696	-	F	Correction on NPUSCH related procedure on TS 36.213	13.3.0
2016-09	RAN#73	RP-161562	0698	-	F	Correction on the reference of narrowband definition in TS 36.213	13.3.0
2016-09	RAN#73	RP-161562	0699	-	F	Correction on the relationship between IMCS and ITBS for DCI format 6-1A in TS 36.213	13.3.0
2016-09	RAN#73	RP-161562	0700	1	F	Correction on the scrambling initialization for SIB1-BR and SI for eMTC in TS 36.213	13.3.0
2016-09	RAN#73	RP-161563	0701	-	F	Corrections on NPDCCH search space for random access in connected mode in TS 36.213	13.3.0
2016-09	RAN#73	RP-161558	0706	1	A	Correction on storing soft channel bits for different UE categories in Rel-13	13.3.0
2016-09	RAN#73	RP-161560	0708	-	F	Correction on the citation of table indexs for mapping of ICRI to MCRI	13.3.0
2016-09	RAN#73	RP-161560	0710	-	F	Corrections on Codebooks in 36.213	13.3.0
2016-09	RAN#73	RP-161562	0711	-	F	Default max number of PUSCH repetitions for Msg3 for BL/CE UE	13.3.0
2016-09	RAN#73	RP-161562	0714	1	F	PDSCH start subframe in TDD for BL/CE UE	13.3.0
2016-09	RAN#73	RP-161562	0715	-	F	Repetition with aperiodic CSI for BL/CE UE	13.3.0
2016-09	RAN#73	RP-161561	0718	-	F	Correction on "special subframe" for frame structure type 3 in 36.213 for Rel-13 LAA	13.3.0
2016-09	RAN#73	RP-161559	0719	-	F	Clarification on HARQ-ACK transmission	13.3.0
2016-09	RAN#73	RP-161562	0720	1	F	Correction for UL grant size in RAR	13.3.0
2016-09	RAN#73	RP-161562	0721	2	F	MBSFN subframes and SIB2 decoding	13.3.0
2016-09	RAN#73	RP-161562	0722	1	F	Overriding of invalid subframe for msg3 PUSCH when R=1	13.3.0
2016-09	RAN#73	RP-161562	0723	-	F	On the mapping of TPC command field to power correction values in TS 36.213	13.3.0
2016-09	RAN#73	RP-161562	0724	-	F	Correction on the MPDCCH scheduling Paging in special subframe in TS 36.213	13.3.0
2016-09	RAN#73	RP-161562	0725	1	F	Clarification of valid subframe in eMTC	13.3.0
2016-09	RAN#73	RP-161563	0726	-	F	Quasi-colocation of NB-IoT antenna ports	13.3.0
2016-09	RAN#73	RP-161562	0728	1	F	PUCCH resource allocation	13.3.0
2016-09	RAN#73	RP-161562	0729	1	F	RV version for PDSCH carrying paging	13.3.0
2016-09	RAN#73	RP-161735	0730	1	F	Missing definition of higher layer parameter eutra-CRS-SequenceInfo	13.3.0
2016-09	RAN#73	RP-161563	0731	-	F	PUSCH timing delay for NB-IoT	13.3.0
2016-09	RAN#73	RP-161562	0732	-	F	RV Cycling for PUSCH and PDSCH	13.3.0
2016-09	RAN#73	RP-161563	0734	-	F	Clarification of scheduling delay	13.3.0
2016-09	RAN#73	RP-161562	0736	-	F	Clarification on MPDCCH monitoring on SFN rollover and search space overlap	13.3.0
2016-09	RAN#73	RP-161562	0737	-	F	PUCCH transmission and invalid subframes	13.3.0
2016-09	RAN#73	RP-161562	0738	-	F	SRS bit in DCI	13.3.0
2016-09	RAN#73	RP-161563	0739	-	F	Clarification of NB-IoT DL subframe configuration	13.3.0
2016-09	RAN#73	RP-161560	0740	-	F	Correction on FD-MIMO codebooks	13.3.0
2016-09	RAN#73	RP-161561	0741	1	F	CR on LAA post transmission backoff	13.3.0
2016-09	RAN#73	RP-161797	0745	1	F	CR to remove the incorrect implementation of LAA defer and sensing duration introduced by the unapproved CR R1-161166	13.3.0
2016-09	RAN#73	RP-161572	0709	2	B	Addition of LTE_LATRED_L2-Core	14.0.0
2016-09	RAN#73	RP-161571	0742	-	B	Introduction of eLAA (PHY layer aspects) in 36.213	14.0.0
2016-09	RAN#73	RP-161803	0743	1	B	Introduction of eLAA (UL Channel Access Procedure) in 36.213	14.0.0
2016-09	RAN#73	RP-161570	0744	-	B	Introduction of V2V into TS36.213	14.0.0
2016-12	RAN#74	RP-162359	0747	-	A	Correction on the determination of NPDCCH candidates	14.1.0
2016-12	RAN#74	RP-162362	0748	-	B	Introduction of RACHless handover for Further mobility enhancement in LTE	14.1.0
2016-12	RAN#74	RP-162356	0757	-	A	Correction to PUCCH reporting mode 2-1	14.1.0
2016-12	RAN#74	RP-162356	0758	-	A	Correction to PUCCH reporting mode 1-1	14.1.0
2016-12	RAN#74	RP-162368	0759	-	F	Correction on UL grant reception in ending partial subframe	14.1.0
2016-12	RAN#74	RP-162368	0760	-	F	Correction on UL burst scheduling	14.1.0
2016-12	RAN#74	RP-162368	0761	-	F	CR on PHICH operation for eLAA in 36.213	14.1.0
2016-12	RAN#74	RP-162368	0762	-	F	Correction on handling UL LBT procedure under UE power limited case	14.1.0
2016-12	RAN#74	RP-162358	0765	-	A	Clarification on spectral efficiency	14.1.0
2016-12	RAN#74	RP-162358	0766	2	A	Aperiodic CSI without MPDCCH frequency hopping	14.1.0
2016-12	RAN#74	RP-162358	0768	1	A	Correction on equation for MPDCCH search space and starting subframe position	14.1.0
2016-12	RAN#74	RP-162358	0771	-	A	Clarification of number of repetitions of PUCCH	14.1.0
2016-12	RAN#74	RP-162359	0772	-	A	Clarification on nrs-Power related description	14.1.0

2016-12	RAN#74	RP-162368	0773	-	F	Removal of LAA DRS channel access from UL Type 2 Channel Access description	14.1.0
2016-12	RAN#74	RP-162368	0774	-	D	CR on UL duration and offset field in TS 36.213	14.1.0
2016-12	RAN#74	RP-162368	0775	-	F	Correction on channel access priority class according to UL LBT type indication in eLAA	14.1.0
2016-12	RAN#74	RP-162368	0776	1	F	Correction on periodic CSI transmission	14.1.0
2016-12	RAN#74	RP-162368	0778	-	F	CR on UL CWS adjustment for eLAA in 36.213	14.1.0
2016-12	RAN#74	RP-162368	0779	1	F	CR on trigger monitoring timeline for triggered grants in eLAA	14.1.0
2016-12	RAN#74	RP-162368	0781	2	F	CR on aperiodic CSI reporting for triggered UL grants in LAA	14.1.0
2016-12	RAN#74	RP-162368	0783	-	F	Correction on CSI measurement in LAA	14.1.0
2016-12	RAN#74	RP-162368	0784	-	F	Correction on PDCCH candidate configuration	14.1.0
2016-12	RAN#74	RP-162368	0786	-	F	Correction on the UL Type 1 channel access description	14.1.0
2016-12	RAN#74	RP-162361	0787	-	A	Correction on downlink power allocation for SC-PTM	14.1.0
2016-12	RAN#74	RP-162359	0790	-	A	Corrections on the description of carrier for NB-IoT in TS 36.213	14.1.0
2016-12	RAN#74	RP-162359	0792	2	A	Corrections on the Table 16.6-2: Type 1- NPDCCH common search space candidates for NB-IoT in TS 36.213	14.1.0
2016-12	RAN#74	RP-162359	0797	-	A	Control information inconsistent handling for NB-IoT in 36.213	14.1.0
2016-12	RAN#74	RP-162368	0802	1	F	CR on Multi-carrier LBT for Uplink Transmission	14.1.0
2016-12	RAN#74	RP-162368	0803	-	F	Corrections to EPDCCH candidate derivation procedure for eLAA in TS36.213	14.1.0
2016-12	RAN#74	RP-162357	0804	-	A	Correction on DL CWS adjustment for LAA	14.1.0
2016-12	RAN#74	RP-162368	0805	-	F	Correction on aperiodic CSI only transmission for LAA SCell	14.1.0
2016-12	RAN#74	RP-162358	0807	-	A	CR on RV Cycling for PDSCH	14.1.0
2016-12	RAN#74	RP-162368	0809	1	F	CR on UE assumption of LBT success for determining periodic CSI reporting	14.1.0
2016-12	RAN#74	RP-162368	0810	-	F	Correction on continuous transmission after the successful LBT	14.1.0
2016-12	RAN#74	RP-162368	0811	-	A	CR on MCOT limits for carriers on which eNB performs Type B LBT	14.1.0
2016-12	RAN#74	RP-162368	0813	-	F	CR on the UE assumption on multiple UL grants indicating a same subframe	14.1.0
2016-12	RAN#74	RP-162358	0814	-	A	PDSCH transmission on special subframe for eMTC	14.1.0
2016-12	RAN#74	RP-162368	0815	-	F	CR on using 25us LBT for UEs on carriers without eNB Cat 4 LBT	14.1.0
2016-12	RAN#74	RP-162368	0816	-	F	CR on UL resource allocation for 10MHz LAA SCell	14.1.0
2016-12	RAN#74	RP-162358	0818	-	A	DCI for SPS	14.1.0
2016-12	RAN#74	RP-162358	0820	-	A	Number of MPDCCH-PRB sets	14.1.0
2016-12	RAN#74	RP-162368	0821	-	F	Correction on EPDCCH candidate configuration	14.1.0
2016-12	RAN#74	RP-162368	0822	-	F	CR on applying TPC commands for UL grants in LAA	14.1.0
2016-12	RAN#74	RP-162368	0823	-	F	CR on PHR reporting for triggered UL grants in LAA	14.1.0
2016-12	RAN#74	RP-162368	0824	-	F	Correction on PDCCH candidate adjustments	14.1.0
2016-12	RAN#74	RP-162359	0826	-	A	Correction on NPDCCH and NPDSCH start symbol	14.1.0
2016-12	RAN#74	RP-162364	0827	-	B	Introduction of SRS switching into 36.213	14.1.0
2016-12	RAN#74	RP-162365	0828	-	B	Introduction of Multiuser Superposition Transmission (MUST) in 36.213	14.1.0
2016-12	RAN#74	RP-162366	0829	-	F	Corrections to 36.213 on V2V	14.1.0
2017-03	RAN#75	RP-170605	0830	1	B	Introduction of Uplink Capacity Ehancements for LTE to 36.213 sections 00-05	14.2.0
2017-03	RAN#75	RP-170605	0831	1	B	Introduction of Uplink Capacity Ehancements for LTE to 36.213 sections 06-09	14.2.0
2017-03	RAN#75	RP-170608	0832	1	B	Introduction of eMBMS enhancements for LTE to 36.213 sections 06-09	14.2.0
2017-03	RAN#75	RP-170608	0833	1	B	Introduction of eMBMS enhancements for LTE to 36.213 sections 10-13	14.2.0
2017-03	RAN#75	RP-170610	0835	-	A	Correction on NPDCCH start subframe	14.2.0
2017-03	RAN#75	RP-170610	0837	-	A	Correction on NRS power in-band with non-integer nrs-CRS-PowerOffset	14.2.0
2017-03	RAN#75	RP-170606	0839	-	A	Correction on NRS power in-band with non-integer nrs-CRS-PowerOffset	14.2.0
2017-03	RAN#75	RP-170609	0841	-	A	PDSCH dropping rules in special subframes in eMTC	14.2.0
2017-03	RAN#75	RP-170609	0843	-	A	I_0 definition for RV cycling	14.2.0
2017-03	RAN#75	RP-170609	0845	-	A	PUCCH resource determination for M greater than 1 in eMTC	14.2.0
2017-03	RAN#75	RP-170609	0847	-	A	Correction on aperiodic CQI reporting for BL/CE UEs in 1.4MHz system bandwidth	14.2.0
2017-03	RAN#75	RP-170609	0849	-	A	Clarification on Msg 3/4 MPDCCH narrowband index	14.2.0
2017-03	RAN#75	RP-170618	0850	-	F	CR on two-stage scheduling for eLAA in 36.213	14.2.0
2017-03	RAN#75	RP-170618	0851	-	F	CR on DCI blind decodes for eLAA in 36.213	14.2.0
2017-03	RAN#75	RP-170616	0852	-	F	Correction on downlink power allocation for UE with QPSK modulation for MUST in TS 36.213	14.2.0
2017-03	RAN#75	RP-170618	0853	-	F	Correction on PHR for LAA	14.2.0
2017-03	RAN#75	RP-170610	0855	-	A	Correction on the description of UE procedure for receiving ACK/NACK	14.2.0
2017-03	RAN#75	RP-170609	0857	-	A	PUCCH collision in eMTC	14.2.0
2017-03	RAN#75	RP-170618	0858	-	F	Clarification on channel access procedure for SRS transmission	14.2.0
2017-03	RAN#75	RP-170610	0860	-	A	NPDCCH starting subframe determination in NB-IoT	14.2.0

2017-03	RAN#75	RP-170615	0861	1	F	CR for SRS switching in 36.213	14.2.0
2017-03	RAN#75	RP-170622	0863	-	B	Introduction of V2X	14.2.0
2017-03	RAN#75	RP-170623	0864	-	B	Introduction of Further Enhanced MTC into 36.213	14.2.0
2017-03	RAN#75	RP-170624	0865	-	B	Introduction of NB-IoT enhancements for LTE	14.2.0
2017-03	RAN#75	RP-170625	0866	-	B	Introduction of Voice and Video enhancement for LTE to 36.213	14.2.0
2017-03	RAN#75	RP-170607	0867	-	B	Introduction of eFD-MIMO into 36.213	14.2.0
2017-06	RAN#76	RP-171196	0869	-	A	Correction on Msg3 PUSCH Repetition for CE mode B	14.3.0
2017-06	RAN#76	RP-171195	0872	-	F	Correction on UE procedure for receiving PDSCH on FeMBMS/Unicast-mixed carrier in 36.213	14.3.0
2017-06	RAN#76	RP-171205	0873	-	F	Correction on TBS values	14.3.0
2017-06	RAN#76	RP-171196	0875	-	A	Candidate determination for MPDCCH starting in unsupported special subframe for eMTC	14.3.0
2017-06	RAN#76	RP-171196	0877	-	A	PUCCH resource determination in TDD for eMTC	14.3.0
2017-06	RAN#76	RP-171196	0879	-	A	Corrections on UL resource allocation type 0 in TS 36.213	14.3.0
2017-06	RAN#76	RP-171197	0881	-	A	Timing relationship for RAR monitoring in NB-IoT	14.3.0
2017-06	RAN#76	RP-171201	0882	-	F	CR on two stage grant DCI field definition	14.3.0
2017-06	RAN#76	RP-171201	0883	-	F	Correction to SRS Triggering for LAA SCells	14.3.0
2017-06	RAN#76	RP-171201	0884	-	F	Correction for MCOT value on channel access priority class for UL	14.3.0
2017-06	RAN#76	RP-171203	0885	-	F	Correction on tables used for SCI format 1 in 36.213	14.3.0
2017-06	RAN#76	RP-171203	0886	-	F	Alignment with 36.212	14.3.0
2017-06	RAN#76	RP-171204	0887	-	F	Mapping of wideband combination index to allocated widebands in FeMTC	14.3.0
2017-06	RAN#76	RP-171204	0888	-	F	Clarification of TBS table for PDSCH with maximum 5 MHz channel bandwidth	14.3.0
2017-06	RAN#76	RP-171204	0889	-	F	UL Type 4 resource allocation	14.3.0
2017-06	RAN#76	RP-171194	0890	-	F	Corrections on PUCCH reporting type payload size in 36.213	14.3.0
2017-06	RAN#76	RP-171194	0891	-	F	Correction on CSI relaxation for aperiodic CSI-RS	14.3.0
2017-06	RAN#76	RP-171210	0892	-	B	Introduction of new maximum TBS for DL 256QAM	14.3.0
2017-06	RAN#76	RP-171192	0893	1	F	Removal of Table 8.6.1-4 in 36.213	14.3.0
2017-06	RAN#76	RP-171206	0894	-	F	Modulation overriding in video-voice enhancements	14.3.0
2017-06	RAN#76	RP-171194	0895	-	F	CR on CSI-RS resource activation	14.3.0
2017-06	RAN#76	RP-171203	0898	1	F	Corrections on UE partial sensing behaviour in TS 36.213	14.3.0
2017-06	RAN#76	RP-171194	0899	-	F	Corrections to 36.213 for Rel-14 eFD-MIMO	14.3.0
2017-06	RAN#76	RP-171194	0900	-	F	Corrections to 36.213 for Rel-14 eFD-MIMO CSI collision handling	14.3.0
2017-06	RAN#76	RP-171194	0901	-	F	Corrections on QCL indication in 36.213	14.3.0
2017-06	RAN#76	RP-171194	0902	-	F	Corrections on CRI reporting for multi-shot CSI-RS in 36.213	14.3.0
2017-06	RAN#76	RP-171210	0903	-	F	CR on Higher-Layer Parameters for 36.213	14.3.0
2017-06	RAN#76	RP-171204	0904	-	F	Clarification of resource allocation for PDSCH in CE mode A	14.3.0
2017-06	RAN#76	RP-171204	0905	-	F	Corrections on the UL resource allocation type 4 in TS 36.213	14.3.0
2017-06	RAN#76	RP-171196	0906	-	A	PUCCH format 2 collision with PDSCH with repetitions	14.3.0
2017-06	RAN#76	RP-171203	0907	-	F	CR on subframe indexing in resource reselection	14.3.0
2017-06	RAN#76	RP-171193	0909	-	A	Determination of PUCCH format selection depending on number of HARQ-ACK, CSI and SR bits	14.3.0
2017-06	RAN#76	RP-171199	0910	2	F	Miscellaneous corrections to 36.213	14.3.0
2017-06	RAN#76	RP-171197	0913	-	A	Correction on 3.75 kHz NPUSCH format 2 transmission	14.3.0
2017-06	RAN#76	RP-171203	0916	-	F	CR for skipped subframe handling for shorter periodicity in PC5-based V2V	14.3.0
2017-06	RAN#76	RP-171196	0918	-	A	Clarification of the #repetitions used for msg3 retransmissions	14.3.0
2017-06	RAN#76	RP-171196	0919	-	A	CR on MPDCCH PRB Sets – Rel-14	14.3.0
2017-06	RAN#76	RP-171196	0921	1	A	Correction of RAR window definition in CE mode B	14.3.0
2017-06	RAN#76	RP-171203	0925	-	F	Correction of UE behavior to meet Crlimit	14.3.0
2017-06	RAN#76	RP-171204	0926	-	F	Correction on HARQ-ACK bundling and dynamic HARQ-ACK timing in 36.213	14.3.0
2017-06	RAN#76	RP-171200	0927	-	F	Corrections on Power Control for SRS Switching	14.3.0
2017-06	RAN#76	RP-171210	0929	-	F	Corrections on the numbering of the tables in 8.0	14.3.0
2017-06	RAN#76	RP-171192	0930	1	F	Corrections on PRB scaling for PUSCH in UpPTS	14.3.0
2017-06	RAN#76	RP-171194	0931	-	F	CR on CSR for CSI feedback for semi-OL transmission	14.3.0
2017-06	RAN#76	RP-171196	0933	-	A	Clarification of RV Cycling in the presence of invalid SFs	14.3.0
2017-06	RAN#76	RP-171196	0935	-	A	Correction of the calculation of the #RV-blocks for a given PDSCH	14.3.0
2017-06	RAN#76	RP-171196	0937	-	A	Clarification for the overlap of UL TA update and retuning gaps for BL/CE UEs	14.3.0
2017-06	RAN#76	RP-171196	0939	-	A	Correction on starting OFDM symbol for MPDCCH and PDSCH in special subframe	14.3.0
2017-06	RAN#76	RP-171203	0941	-	F	Correction on abbreviation of Uplink SPS RNTI and Sidelink SPS RNTI in 36.213	14.3.0
2017-06	RAN#76	RP-171205	0942	-	F	Timing relationships for 2 HARQ processes	14.3.0
2017-06	RAN#76	RP-171203	0940	-	F	CR on skipped subframe handling for partial sensing	14.3.0
2017-09	RAN#77	RP-171646	0945	1	F	Clarification of Type1A-CSS candidates	14.4.0
2017-09	RAN#77	RP-171642	0950	1	F	Correction for UCI transmission on LAA sCell	14.4.0
2017-09	RAN#77	RP-171639	0953	-	A	Correction on MPDCCH search space with CRC scrambled by the C-RNTI outside the random access procedure	14.4.0
2017-09	RAN#77	RP-171644	0955	-	F	Corrections to Mode-3 scheduling	14.4.0

2017-09	RAN#77	RP-171638	0956	-	F	CSI periodicity relationship between eMIMO-Types in hybrid CSI	14.4.0
2017-09	RAN#77	RP-171637	0958	-	A	Correction on PUCCH format 3 information for eCA	14.4.0
2017-09	RAN#77	RP-171642	0959	-	F	Correction on periodic CSI reporting for LAA SCell	14.4.0
2017-09	RAN#77	RP-171649	0961	-	A	Corrections on Class A Codebook in 36.213	14.4.0
2017-09	RAN#77	RP-171644	0962	-	F	CR on definition of sensing window	14.4.0
2017-09	RAN#77	RP-171644	0963	1	F	CR on subframe index for PSCCH re-transmission in mode 3	14.4.0
2017-09	RAN#77	RP-171636	0964	-	F	Correct RRC parameter for UL 256QAM	14.4.0
2017-09	RAN#77	RP-171637	0966	-	A	Maximum Code Rate applicability for UCI reporting over PUSCH	14.4.0
2017-09	RAN#77	RP-171649	0968	-	A	PUCCH priority for CSI report types 7-8-9-10	14.4.0
2017-09	RAN#77	RP-171645	0969	-	F	Correction on TBS determination for PDSCH in CE mode B	14.4.0
2017-09	RAN#77	RP-171650	0973	-	A	SRS dropping for simultaneous SRS and PUSCH in intraband CA	14.4.0
2017-09	RAN#77	RP-171637	0975	-	A	PUCCH Format 4-5 collision with SRS	14.4.0
2017-09	RAN#77	RP-171646	0976	-	F	Search space monitoring	14.4.0
2017-09	RAN#77	RP-171646	0977	-	F	Clarification on NPDCCH monitoring for Rel-14 2-HARQ process UE	14.4.0
2017-09	RAN#77	RP-171646	0978	-	F	Correction of RAR window timing definition in NB-IoT	14.4.0
2017-12	RAN#78	RP-172677	0979	1	F	PUSCH and SRS Transmission in UpPTS	14.5.0
2017-12	RAN#78	RP-172682	0981	-	F	CR on CSI report reference subframe for an LAA SCell	14.5.0
2017-12	RAN#78	RP-172679	0983	-	D	Renaming of duplicated table 7.2.1-1A	14.5.0
2017-12	RAN#78	RP-172681	0985	1	A	Corrections of parameter names for NB-IoT	14.5.0
2017-12	RAN#78	RP-172686	0986	1	F	Clarification on timing relationships of 2 HARQ process	14.5.0
2017-12	RAN#78	RP-172680	0987	-	A	TBS for TDD special subframe for BL/CE UE without repetition	14.5.0
2017-12	RAN#78	RP-172680	0989	-	A	Non-repeated PUCCH SR transmissions on invalid UL subframes	14.5.0
2017-12	RAN#78	RP-172679	0990	-	F	Clarification on supporting lower frequency domain density for Class A NZP CSI-RS	14.5.0
2017-12	RAN#78	RP-172685	0991	-	F	Corrections on HARQ-ACK bundling	14.5.0
2017-12	RAN#78	RP-172681	0997	-	A	Typo correction for table 16.5.1.2.1-1	14.5.0
2017-12	RAN#78	RP-172678	0999	-	A	Usage of PUCCH format 3 for with more than 5 CC	14.5.0
2017-12	RAN#78	RP-172684	1000	-	F	Correction on sidelink index field name in DCI format 5A for V2V in 36.213	14.5.0
2017-12	RAN#78	RP-172685	1001	-	F	Correction for modulation determination under larger TBS for random access response grant	14.5.0
2017-12	RAN#78	RP-172692	1002	-	F	Correction on higher layer parameter for eVoLTE	14.5.0
2017-12	RAN#78	RP-172691	1003	-	F	Correction for dropping rules in intra-band SRS carrier switching	14.5.0
2017-12	RAN#78	RP-172677	1004	-	F	Change request for UE behaviour under special subframe configuration 10	14.5.0
2017-12	RAN#78	RP-172679	1005	-	F	Correction on the scale factor for semi-OL rank-1	14.5.0
2017-12	RAN#78	RP-172686	1008	-	F	Correction of NRS-CRS power offset configuration for NB-IoT	14.5.0
2017-12	RAN#78	RP-172686	1009	-	F	Clarification of carrier indication in DCI format N1 in NB-IoT	14.5.0
2017-12	RAN#78	RP-172686	1010	-	F	Clarification on 2 HARQ process applicability to UE-specific search space	14.5.0
2017-12	RAN#78	RP-172686	1011	-	F	Correction of interference in NB-IoT RACH procedure	14.5.0
2018-03	RAN#79	RP-180194	1017	-	A	Correction on CSI reporting for Class B K=1	14.6.0
2018-03	RAN#79	RP-180190	1019	-	A	Correction to determination of number of PUCCH repetitions for BL/CE UE	14.6.0
2018-03	RAN#79	RP-180192	1021	-	F	Correction on PUCCH resource determination in HARQ-ACK bundling	14.6.0
2018-03	RAN#79	RP-180192	1022	-	F	Correction on higher layer parameter *schedulingInfoSIB1-BR-r13*	14.6.0
2018-03	RAN#79	RP-180193	1023	-	F	Correction on Msg3 power control	14.6.0
2018-03	RAN#79	RP-180187	1024	-	F	Correction on DwPTS usage in special subframe configuration 10	14.6.0
2018-03	RAN#79	RP-180196	1025	-	F	UCI multiplexing for eVoLTE	14.6.0
2018-03	RAN#79	RP-180198	1027	-	A	Corrections for antenna switching	14.6.0
2018-03	RAN#79	RP-180194	1029	-	A	Correction on CSI reporting for Class B K>1	14.6.0
2018-03	RAN#79	RP-180191	1031	-	A	Clarification on UL power control for NB-IoT	14.6.0
2018-03	RAN#79	RP-180188	1034	-	A	Multiple CSI reports for eCA	14.6.0
2018-03	RAN#79	RP-180190	1047	-	A	SPS for eMTC	14.6.0
2018-06	RAN#80	RP-181171	1044	1	F	Support of early contention resolution	14.7.0
2018-06	RAN#80	RP-181162	1059	-	A	Correction on number of subframes for semistatic codebook determination and transmission over PUSCH	14.7.0
2018-06	RAN#80	RP-181165	1062	-	F	Correction on TBS determination for msg 3 retransmission and CSS for fallback	14.7.0
2018-06	RAN#80	RP-181181	1064	-	F	Clarification of Msg3 power control in NB-IoT	14.7.0
2018-06	RAN#80	RP-181161	1066	-	F	On the configuration of UL 256QAM	14.7.0
2018-06	RAN#80	RP-181179	1068	-	F	Correction on look-ahead for SRS carrier switching	14.7.0
2018-06	RAN#80	RP-181181	1071	-	F	Clarification of NPUSCH uplink compensation gaps for 2 HARQ processes	14.7.0
2018-06	RAN#80	RP-181162	1077	-	A	Correction of a typo further to CR0594 faulty implementation	14.7.0
2018-06	RAN#80	RP-181162	1080	-	A	Clarification on beta offset for more than 22 HARQ-ACK bits	14.7.0
2018-06	RAN#80	RP-181162	1083	-	A	Clarification on simultaneousAckNackAndCQI for format 4-5 and format 3	14.7.0
2018-06	RAN#80	RP-181162	1086	-	A	Clarification on PUCCH formats	14.7.0
2018-06	RAN#80	RP-181164	1089	-	A	Correction on PUCCH configuration with CEModeA or CEModeB	14.7.0

2018-06	RAN#80	RP-181178	1091	-	F	Correction to timing advance	14.7.0
2018-06	RAN#80	RP-181169	1093	-	F	Correction on RV determination for eVoLTE	14.7.0
2018-06	RAN#80	RP-181165	1095	-	F	Corrections in Physical Resource Block numbering to RA Type0 for FeMTC UEs	14.7.0
2018-06	RAN#80	RP-181181	1098	-	F	Clarification of NPUSCH reception in 2 NB-IoT HARQ processes	14.7.0