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Family	PO	Exemplary Patent	Family Members	Claim(s)	Illustrative section(s) of the standard	ETSI Declaration	Filing Date	
LTE-001	AIRBUS DS	FR 2829642		1	3GPP TS 36.211 V9.1.0: Sections 6.1, 6.1.1, 6.2, 6.2.1, 6.2.2, 6.10, 6.10.1, 6.10.1.1, 6.10.1.2, 6.10.2, 6.10.2.1, 6.10.2.2, 6.10.3, 6.10.3.1, 6.10.3.2, 6.10.4, 6.10.4.1, 6.10.4.2, 7.2; Figures 6.2.2-1, 6.10.1.2-1, 6.10.1.2-2, 6.10.2.2-1, 6.10.2.2-3, 6.10.3.2-1, 6.10.3.2-2, 6.10.3.2-3, 6.10.4.2-1, 6.10.4.2-2	ISLD-201309-002	9/12/2001	
			US 7471728					8/9/2001
LTE-002	AIRBUS DS	EP 1364547		1	3GPP TS 36.133 v9.3.0: Section 7.6, 7.6.1, 8.1.2.2.1.1, 3GPP TS 36.211 v9.1.0: Section 5.2.1, 6.2.1, Figure 5.2.1-1 3GPP TS 36.213 v9.1.0: Section 5.1, 3GPP TS 36.214 v9.1.0: Section 5.2.2, 3GPP TS 36.300 v9.2.0: Section 10.1, 10.1.2, Figure 10.1.2.1.1-1 3GPP TS 36.321 v9.1.0: Section 5.10 3GPP TS 36.331 v9.1.0: Section 5.5.1, 6.2.2, 6.3.5, 10.2.2	ISLD-201309-002	3/1/2002	
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			US 7254393					3/1/2002
LTE-003	AIRBUS DS	US 7224683		1, 11	3GPP TS 36.300 V8.12.0: Section 4 3GPP TS 36.211 V8.9.0: Sections 4, 4.1, 4.2, 5, 5.1, 5.2, 5.2.1, 5.2.2, 5.2.3; Figures 4.1-1, 4.2-1, 5.2.1-1. 3GPP TS 36.331 V8.19.0: Sections 1, 3, 3.2, 5, 5.3, 5.3.1, 5.3.1.1, 5.3.10, 5.3.10.0, 5.3.10.1, 5.3.10.5, 6, 6.3, 6.3.2 3GPP TS 36.321 V8.12.0: Sections 5, 5.10, 5.10.2. 3GPP TS 36.213 V8.8.0: Sections 8, 8.3; Tables 8-1, 8.3-1	ISLD-201309-002	8/1/2000	
			EP 1198906 (FR)				1,13	3GPP TS 36.201 V11.1.0: Sections 4, 4.1, 4.1.1, 4.2, 4.2.1, 4.3, 4.3.1, 6, 6.1.2 3GPP TS 36.211 V11.1.0: Sections 4, 4.1, 5.2.3 3GPP TS 36.300 V11.1.0: Sections 11.1, 11.1.1, 11.1.2 3GPP TS 36.321 V11.1.0: Sections 5.10, 5.10.1, 5.10.2



LTE-021	KPN	US 9014667		35	3GPP TS 22.368 V10.5.0; sections 3.1, 3.2, 4, 7.1.1 and Annex (A) (Informative) 3GPP TS 22.003 V10.10.0; section 2.1 3GPP TS 23.060 V10.14.0; sections 5.3.0, 5.3.1, 5.3.6.2.1, 5.3.6.2.2, 5.3.6.2.3, 5.3.6.2.4, 5.3.6.3, 5.3.6.4, 5.3.13.2, 5.6.3, 6.5.0, 6.8.2.2, 13.1, 13.2.1, 13.2.3, 13.4, 14.1 and 14.2 3GPP TS 24.008 V10.15.0; sections 4.1.1.7, 4.7.3.1.4 and 6.1.3.11	ISLD-201304-010	2/19/2009		
		JP 5308459		35	3GPP TS 23.060 V10.5.0: Sections 5.3.0, 5.3.1, 5.3.6.2.1, 5.3.6.2.3, 5.3.6.2.4, 5.3.6.4, 5.6.3, 6.5.0, 14.1 and 14.2. 3GPP TS 23.003 V10.3.0: Section 2.1. 3GPP TS 24.008 V10.4.0: Sections 4.1.1.7, 4.7.3.1.4, 6.1.3.11, 9.4.4, 9.4.4.2, 9.4.22 and 9.4.22.1. 3GPP TS 22.368 V11.3.0: Annex A.	ISLD-201304-010	2/19/2009		
		EP 2337403		16, 30, 34	3GPP TS 22.368 v10.5.0: Annex A (informative) 3GPP TS 23.003 v10.10.0: Sections 2.1, 2.8.1, 3GPP TS 23.060 v10.14.0: Sections 14.1, 14.2, 14.2A, 3GPP TS 23.401 v10.13.0: Sections 4.3.1, 4.3.2, 4.3.7.4, 4.3.7.4.1, 4.3.7.4.2, 4.3.7.4.2.1, 4.3.7.4.2.3, 4.3.7.4.2.4, 5.1.1, 5.1.1.1, 5.2.2, 5.3.2.1, 5.3.9, 5.5.1.2.5 3GPP TS 24.301 v10.15.0: Sections 5.3.9, 5.5.1.2.5, 6.3.5, 8.2.3, 8.2.3.1, 8.2.3.3; Table 8.2.3.1	ISLD-201304-010	2/19/2009		
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LTE-022	KPN	EP 0831613		1	3GPP TR 21.905 V11.3.0: Section 3 (0-9) ETSI TS 136 212 V8.8.0: Sections 1, 5, 5.1.1, 5.1.2, 5.3.2, 5.3.2.1 ; Figure 5.3.2-1	ISLD-201203-018	11/21/1996
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LTE-023	KPN	US 6212662		1, 2, 3	3GPP TS 36.212 V9.3.0: Section 5, 5.1, 5.1.1, 5.1.2, 5.1.3, Table 5.1.3-1, 5.1.3-3, 5.1.3.2, 5.1.3.2.1, Figure 5.1.3-2, 5.1.3.2.3,	ISLD-201202-010	6/24/1996
LTE-024	KPN	EP 2299649		1, 15	3GPP TS 23.228 V10.4.0: Sections 3.1, 4.14, 3GPP TS 24.229 V10.3.0: Sections 1, 3.2, 5.3, 5.3.2, 5.3.2.1, 5.3.2.1A, 5.4, 5.4.3.1, 5.4.3.2, 5.7, 5.7.1.3A, 5.7.1.7, 5.7.1.7.25.10, 5.10.1, 5.10.3, 5.10.3.2, 7.2A, 7.2A.6, 7.2A.6.1, 7.2A.6.3 ETSI TS 124 229 V10.3.0	ISLD-201302-007 ISLD-201302-008 ISLD-201304-014	9/16/2010
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US 8601141				9/16/2010			
LTE-025	KPN	EP 2073551		1	3GPP TS 26.247 V11.1.0: Sections 2, 5.1, 5.3, 7.1, 7.2, 8.1, 8.4.1 and 8.4.4.1; Figures 3, 7-1 and 7-2	ISLD-201304-016 ISLD-201304-020	12/20/2007
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LTE-025	KPN		EP 2073551 (MC)				12/20/2007
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LTE-026	KPN	US 8549151		1	3GPP TS 26.234 V10.5.0 Sections 5.6.1; and 5.6.2 3GPP TS 26.237 V10.8.0 Sections 4.3; Figure 3; Figure 4; 8.1; 8.2.3.1; Figure 7; 8.2.3.2; 8.2.4.1 Figure 8; 8.2.4.2; 8.2.4.3; 13; 13.1; Figure 30; 13.2; 21; 21.1.1; Figure 46; and 21.1.4 3GPP TS 26.114 V10.8.0 Sections 4.1; Figure 4.1; 6.1 and 6.2.1	ISLD-201401-007	12/22/2008
		JP 4987126		1	3GPP TS 26.237 V10.8.0; Section 4.3, 7, 7.1, 8, 8.1, 8.2.3, 8.2.3.1, 8.2.3.2, 13, 13.1, 13.2, Figures 3, 4, 7 and 30; 3GPP TS 26.114 V10.8.0; Section 4.1, 6, 6.1, and Figure 4.1 3GPP TS 26.346 V9.15.0; Section 5.2, 5.2.1, 5.2.3, 5.2.3.1, 5.2.4, 5.2.5, 5.2.5.1, 5.2.5.7, and 5.2.5.8	ISLD-201401-007	12/22/2008
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LTE-027	KPN	EP 2567564		1	3GPP TS 32.551 V11.3.1: Sections 3.1, 4.1.1 3GPP TS 36.300 V11.9.0: Sections 20.2.2.15, 22.4.4.2 3GPP TS 36.413 V11.6.0: Sections B.1.14	ISLD-201505-009	5/4/2011
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LTE-028	KPN	US 8626175		1	3GPP TS 36.331 V10.15.0 Section 5.6.1; 5.6.6.2; 6.2.2; 5.6.5. 3GPP TS 32.521 V10.2.0: Section 5.1.5 and 5.4.3 3GPP TS 32.522 V10.6.0: Section 4.5.3.1 and 4.5.5 3GPP TS 37.320 V10.4.0: Annex A, Section 3.1, 4.1 5.1.1, 5.1.1.1, 5.1.1.2, 5.1.1.3.2 and 5.1.1.3.3; Figure 5.1.1.1-1	ISLD-201505-005	12/16/2010
		JP 5536230		1, 6	3GPP TS 36.304 V10.7.0 Section 8 3GPP TS 36.306 V10.10.0, Section 4.3.13 3GPP TS 36.331 V10.15.0, Section 5.6.6.1; 5.6.6.2; 6.2.2; 5.6.5 3GPP TS 32.422 V10.13.0: Section 4.1.1.2a, 4.1.5 and 6; Figure 6.2 3GPP TS 32.521 V10.2.0: Section 5.1.5 and 5.4.3 3GPP TS 32.522 V10.6.0: Section 4.5.3.1 and 4.5.5 3GPP TS 37.320 V10.4.0: Section 3.1, 4.1, 5.1.1, 5.1.1.1, 5.1.1.2, 5.1.1.3.2, 5.1.1.3.3 and Annex A	ISLD-201505-005	12/16/2010
		EP 2517495		1	3GPP TS 32.521 V10.2.0: Section 4.1 3GPP TS 32.522 V10.6.0: Section 4.5.3.1 3GPP TS 36.331 V10.12.0: Sections 5.6.5.1, 5.6.5.2, 5.6.5.3, 5.6.6.1, 5.6.6.2 3GPP TS 37.320 V10.4.0: Sections 4.1, 5.1.1.1, 5.1.1.3.2, 5.1.1.3.3, 5.1.3, 5.1.4, 7, Annex A	ISLD-201505-005	12/16/2010
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LTE-028	KPN		DE 602010016869.7				12/16/2010
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LTE-029	3G LICENSING	US 7313518		10	3GPP TS 22.243 V8.0.0 sections 1, 3.1, 4, 5 and 7, figure 1, as referring to ETSI ES 202 050 V1.1.5 3GPP TS 26.243 V8.0.0 section 2 as referring to ETSI 202 050 V1.1.5 3GPP TS 26.177 V8.0.0 section 2 as referring to ETSI 202 050 V1.1.5 3GPP ETSI ES 202 050 V1.1.5 sections 4, 5.1.1, 5.1.3, 5.1.4 and 5.1.5, and figures 4.1, 5.1 and 5.2	ISLD-201409-019 ISLD-201409-020 ISLD-201409-021	11/19/2001
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LTE-030	3G LICENSING	JP 4933528		1	3GPP TS 23.060 V8.9.0: Sections 1, 3.1, 4, 5.1, 5.2.1, 5.3.2, 5.3.2.1, 5.3.2.2, 5.4.1.1, 5.4.1.2, 9.2.1A and 9.6; Figure 1 3GPP TS 23.401 V8.10.0: Sections 3.2, 4.2.1, 4.2.2, 4.3.2.1, 4.3.2.2, 4.4.3.1, 4.4.3.2, 4.4.7.1, 4.4.7.2, 4.4.7.3, 4.7.1, 4.7.2.1 and 4.7.2.2; Figures 4.2.1-1, 4.2.1-2, 4.2.2-1 and 4.7.2.2-1 3GPP TS 23.402 V8.6.0: Sections 1, 4.2.1, 4.2.2, 4.2.3, 4.3.1.1, 4.3.1.2, 4.3.3.1, 4.3.3.2, 4.3.3.3, 4.3.5, 4.3.5.1, 4.3.5.2, 4.8.1, 4.8.2.1, 4.10.3 and 8.5.1; Figures 4.2.1-1, 4.2.1-2, 4.2.2-1, 4.2.2-2, 4.2.3-1, 4.2.3-2, 4.10.3-1, 4.8.1.1-1 and 8.5.1-1 3GPP TS 23.203 V8.11.0: Sections 1, 3.1, 6.1.0, 6.1.1.1, 6.1.1.2, 6.1.1.3, 6.1.1.4, 6.2.1.0, A.1.0, A.1.1.2, A.1.1.3, A.4.0, A.4.1.1, A.4.1.2, A.5.0, A.5.1.0, A.5.1.1, D.1.1, D.2, H.1 and H.2; Figures A.1, A.4, D.1.1 and D.2.1	ISLD-201211-004 ISLD-201211-006 ISLD-201211-007 ISLD-201211-008	3/22/2006
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LTE-030	3G LICENSING	CN ZL200680017858.2	1	3GPP TS 23.060 V8.9.0: Sections 1, 3.1, 4, 5.1, 5.2.1, 5.3.2, 5.3.2.1, 5.3.2.2, 5.4.1.1, 5.4.1.2, 9.2.1A and 9.6; Figure 1 3GPP TS 23.401 V8.10.0: Sections 3.2, 4.2.1, 4.2.2, 4.3.2.1, 4.3.2.2, 4.4.3.1, 4.4.3.2, 4.4.7.1, 4.4.7.2, 4.4.7.3, 4.7.1, 4.7.2.1 and 4.7.2.2; Figures 4.2.1-1, 4.2.1-2, 4.2.2-1 and 4.7.2.2-1 3GPP TS 23.402 V8.6.0: Sections 1, 4.2.1, 4.2.2, 4.2.3, 4.3.1.1, 4.3.1.2, 4.3.3.1, 4.3.3.2, 4.3.3.3, 4.3.5, 4.3.5.1, 4.3.5.2, 4.8.1, 4.8.2.1, 4.10.3 and 8.5.1; Figures 4.2.1-1, 4.2.1-2, 4.2.2-1, 4.2.2-2, 4.2.3-1, 4.2.3-2, 4.10.3-1, 4.8.1.1-1 and 8.5.1-1 3GPP TS 23.203 V8.11.0: Sections 1, 3.1, 6.1.0, 6.1.1.1, 6.1.1.2, 6.1.1.3, 6.1.1.4, 6.2.1.0, A.1.0, A.1.1.2, A.1.1.3, A.4.0, A.4.1.1, A.4.1.2, A.5.0, A.5.1.0, A.5.1.1, D.1.1, D.2, H.1 and H.2; Figures A.1, A.4, D.1.1 and D.2.1	ISLD-201211-004 ISLD-201211-006 ISLD-201211-007 ISLD-201211-008	3/22/2006
		CN ZL201210078576.0				3/22/2006
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		EP 1869840 (CH)				3/22/2006
		EP 1869840 (FR)				3/22/2006
		EP 1869840 (GB)				3/22/2006
		EP 1869840 (IE)				3/22/2006
		EP 1869840 (IT)				3/22/2006
		EP 1869840 (LI)				3/22/2006
		EP 1869840 (LU)				3/22/2006
		EP 1869840 (MC)				3/22/2006
		EP 1869840 (NL)				3/22/2006
		EP 1869840 (PL)				3/22/2006
		EP 1869840 (TR)				3/22/2006
ES 2346469				3/22/2006		
US 8570936				3/22/2006		
LTE-031	3G LICENSING	US 8565159	1	3GPP TS 23.060 V8.15.0: Sections 1, and 4 3GPP TS 23.327 V8.4.0: Sections 1, 4.1, 5.2.1, 5.3.1, 5.3.2, 6.1, 6.3.1, and 6.3.2.2 and Figures 5.2.1-1, 6.1, 6.3.1-1, and 6.3.2.2-1; 3GPP TS 23.234 V8.0.0: Sections 1, 4, 5.7.1, 6.1.2, and 6.2.6, and Figure 6.2a	ISLD-201211-009 ISLD-201211-010 ISLD-201211-011	1/15/2007
		US 8194608	1	3GPP TS 23.060 V8.15.0: Sections 1, and 4 3GPP TS 23.327 V8.4.0: Sections 1, 4.1, 5.2.1, 5.3.1, 5.3.2, 6.1, 6.3.1, and 6.3.2.2 and Figures 5.2.1-1, 6.1, 6.3.1-1, and 6.3.2.2-1; 3GPP TS 23.234 V8.0.0: Sections 1, 4, 5.7.1, 6.1.2, and 6.2.6, and Figure 6.2a	ISLD-201211-009ISLD	1/15/2007
		CN ZL200780009678.4	1	3GPP TS 23.060 V8.15.0: Sections 1, and 4 3GPP TS 23.327 V8.4.0: Sections 1, 4.1, 5.2.1, 5.3.1, 5.3.2, 6.1, 6.3.1, and 6.3.2.2 and Figures 5.2.1-1, 6.1, 6.3.1-1, and 6.3.2.2-1; 3GPP TS 23.234 V8.0.0: Sections 1, 4, 5.7.1, 6.1.2, and 6.2.6, and Figure 6.2a	ISLD-201211-009 ISLD-201211-010 ISLD-201211-011	1/15/2007
		DE 602007039854.1				1/15/2007
		EP 1974576 (FR)				1/15/2007
		EP 1974576 (GB)				1/15/2007
		EP 1974576 (IT)				1/15/2007
		EP 2958292 (DE)				1/15/2007
		EP 2958292 (FR)				1/15/2007
		EP 2958292 (GB)				1/15/2007
		EP 2958292 (IT)				1/15/2007
		EP 2958292 (NL)				1/15/2007
		ES 2532612				1/15/2007
		ES 2958292				1/15/2007



LTE-031	3G LICENSING		HK 1219367				1/15/2007	
LTE-032	3G LICENSING	US 8971246		1	3GPP TS 23.401 V8.15.0: Sections 1, 3.1, 4.1, 4.2.1, 4.2.3, 4.4.3.1, 4.4.3.2, 4.4.3.3, 4.7.1, 4.7.2.1, 4.7.2.2, 5.3.2.1, and 5.10.2 and Figures 4.2.1-1, 4.2.1-2 and 4.7.2.2-1	ISLD-201211-012	3/23/2006	
		US 8072923		1	3GPP TS 23.401 V8.15.0: Sections 1, 3.1, 4.1, 4.2.1, 4.2.3, 4.4.3.1, 4.4.3.2, 4.4.3.3, 4.7.1, 4.7.2.1, 4.7.2.2, 5.3.2.1, and 5.10.2 and Figures 4.2.1-1, 4.2.1-2 and 4.7.2.2-1	ISLD-201211-012	3/23/2006	
		JP 5491650		1	3GPP TS 23.401 V8.15.0: Sections 1, 3.1, 4.1, 4.2.1, 4.2.3, 4.4.3.1, 4.4.3.2, 4.4.3.3, 4.7.1, 4.7.2.1, 4.7.2.2, 5.3.2.1, and 5.10.2 and Figures 4.2.1-1, 4.2.1-2 and 4.7.2.2-1	ISLD-201211-012	3/23/2006	
		JP 5384934		1	3GPP TS 23.401 V8.15.0: Sections 1, 3.1, 4.1, 4.2.1, 4.2.3, 4.4.3.1, 4.4.3.2, 4.4.3.3, 4.7.1, 4.7.2.1, 4.7.2.2, 5.3.2.1, and 5.10.2 and Figures 4.2.1-1, 4.2.1-2 and 4.7.2.2-1	ISLD-201211-012	3/23/2006	
		CN ZL200680016492.7		1	3GPP TS 23.401 V8.15.0: Sections 1, 3.1, 4.1, 4.2.1, 4.2.3, 4.4.3.1, 4.4.3.2, 4.4.3.3, 4.7.1, 4.7.2.1, 4.7.2.2, 5.3.2.1, and 5.10.2 and Figures 4.2.1-1, 4.2.1-2 and 4.7.2.2-1	ISLD-201211-012	3/23/2006	
LTE-033	3G LICENSING	US 9001732		1	3GPP TS 23.060 V8.9.0: subclauses 4, 9.2.1A, 9.2.2.1;and Figs 63 and 64 3GPP TS 23.401 V8.15.0: subclauses 1.3.1, 4.1, 4.2.1, 4.4.3.1, 4.4.3.2, 4.4.3.3, 4.7.1, 4.7.2.1, 4.7.2.2, 5.3.2.1; and Fig 4.2.1-2, and Fig 4.7.2.2-1 3GPP TS 24.008 V8.10.0: subclauses 10.5.6.4; Fig 10.5.137; and Table 10.5.155	ISLD-201211-013 ISLD-201211-014 ISLD-201211-015	3/23/2006	
		US 8064384		1	3GPP TS 23.060 V8.9.0: subclauses 4, 9.2.1A, 9.2.2.1;and Figs 63 and 64 3GPP TS 23.401 V8.15.0: subclauses 1.3.1, 4.1, 4.2.1, 4.4.3.1, 4.4.3.2, 4.4.3.3, 4.7.1, 4.7.2.1, 4.7.2.2, 5.3.2.1; and Fig 4.2.1-2, and Fig 4.7.2.2-1 3GPP TS 24.008 V8.10.0: subclauses 10.5.6.4; Fig 10.5.137; and Table 10.5.155	ISLD-201211-013ISLD	3/23/2006	
		JP 4970422		1	3GPP TS 23.060 V8.9.0: subclauses 4, 9.2.1A, 9.2.2.1;and Figs 63 and 64 3GPP TS 23.401 V8.15.0: subclauses 1.3.1, 4.1, 4.2.1, 4.4.3.1, 4.4.3.2, 4.4.3.3, 4.7.1, 4.7.2.1, 4.7.2.2, 5.3.2.1; and Fig 4.2.1-2, and Fig 4.7.2.2-1 3GPP TS 24.008 V8.10.0: subclauses 10.5.6.4; Fig 10.5.137; and Table 10.5.155	ISLD-201211-013ISLD	3/23/2006	
		CN ZL200680017166.8		1	3GPP TS 23.060 V8.9.0: subclauses 4, 9.2.1A, 9.2.2.1; and Figs 63 and 64 3GPP TS 23.401 V8.15.0: subclauses 1.3.1, 4.1, 4.2.1, 4.4.3.1, 4.4.3.2, 4.4.3.3, 4.7.1, 4.7.2.1, 4.7.2.2, 5.3.2.1; and Fig 4.2.1-2, and Fig 4.7.2.2-1 3GPP TS 24.008 V8.10.0: subclauses 10.5.6.4; Fig 10.5.137; and Table 10.5.155	ISLD-201211-013 ISLD-201211-014 ISLD-201211-015	3/23/2006	
			EP 1861982 (BE)					3/23/2006
			EP 1861982 (CH)					3/23/2006
			EP 1861982 (DE)					3/23/2006
			EP 1861982 (FR)					3/23/2006
			EP 1861982 (GB)					3/23/2006
			EP 1861982 (IT)					3/23/2006
			EP 1861982 (NL)					3/23/2006
			EP 1861982 (PL)					3/23/2006
			EP 1861982 (SE)					3/23/2006
			EP 1861982 (TR)					3/23/2006
	ES 1861982					3/23/2006		
LTE-034	3G LICENSING	US 8179888		1	3GPP TS 29.060 V8.3.0: section 3.1 3GPP TS 23.401 V8.10.0: sections 5.1.2, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.2.4, 5.1.2.5, 5.3.1, 5.3.1.1, 5.3.1.2, 5.3.1.2.1, 5.3.1.2.2, figures 5.1.2.1-1, 5.1.2.2-1, 5.1.2.3-1, 5.1.2.4-1, and 5.1.2.5-1 3GPP TS 29.061 V8.6.0: sections 11.2.1.3, 11.2.1.3.2, 11.2.1.4, 11.2.1.3.1, 11.3, figures 11c, 11d, 11e, 11bb and 11ba 3GPP TS 23.060 V8.10.0: sections 9.2.2, 9.2.2.1, 9.2.2.1A, 14.5, figures 63 and 64	ISLD-201308-022 ISLD-201308-023 ISLD-201308-024	7/11/2005	



LTE-034	3G LICENSING	EP 1772030		1	3GPP TS 29.060 V8.3.0: section 3.1 3GPP TS 23.401 V8.10.0: sections 5.1.2, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.2.4, 5.1.2.5, 5.3.1, 5.3.1.1, 5.3.1.2, 5.3.1.2.1, 5.3.1.2.2, figures 5.1.2.1-1, 5.1.2.2-1, 5.1.2.3-1, 5.1.2.4-1, and 5.1.2.5-1 3GPP TS 29.061 V8.6.0: sections 11.2.1.3, 11.2.1.3.2, 11.2.1.4, 11.2.1.3.1, 11.3, figures 11c, 11d, 11e, 11bb and 11ba 3GPP TS 23.060 V8.10.0: sections 9.2.2, 9.2.2.1, 9.2.2.1A, 14.5, figures 63 and 64	ISLD-201308-022ISLD	7/11/2005	
		CN ZL200580025881.1		1	3GPP TS 29.060 V8.3.0: section 3.1 3GPP TS 23.401 V8.10.0: sections 5.1.2, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.2.4, 5.1.2.5, 5.3.1, 5.3.1.1, 5.3.1.2, 5.3.1.2.1, 5.3.1.2.2, figures 5.1.2.1-1, 5.1.2.2-1, 5.1.2.3-1, 5.1.2.4-1, and 5.1.2.5-1 3GPP TS 29.061 V8.6.0: sections 11.2.1.3, 11.2.1.3.2, 11.2.1.4, 11.2.1.3.1, 11.3, figures 11c, 11d, 11e, 11bb and 11ba 3GPP TS 23.060 V8.10.0: sections 9.2.2, 9.2.2.1, 9.2.2.1A, 14.5, figures 63 and 64	ISLD-201308-022ISLD	7/11/2005	
			DE 602005004291.1					7/11/2005
			EP 1772030 (FR)					7/11/2005
			EP 1772030 (GB)					7/11/2005
			EP 1772030 (IT)					7/11/2005
			ES 2299050					7/11/2005
		IN 271359				7/11/2005		
		US 9237058				7/11/2005		
LTE-035	3G LICENSING	US 7860073		1	3GPP TS 29.060 V8.3.0: section 3.1 3GPP TS 23.401 V8.10.0: sections 5.1.2, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.2.4, 5.1.2.5, 5.3.1, 5.3.1.1, 5.3.1.2, 5.3.1.2.1, 5.3.1.2.2, figures 5.1.2.1-1, 5.1.2.2-1, 5.1.2.3-1, 5.1.2.4-1, and 5.1.2.5-1 3GPP TS 29.061 V8.6.0: sections 11.2.1.3, 11.2.1.3.2, 11.2.1.4, 11.2.1.3.1, 11.3, figures 11c, 11d, 11e, 11bb and 11ba 3GPP TS 23.060 V8.10.0: sections 9.2.2, 9.2.2.1, 9.2.2.1A, 14.5, figures 63 and 64	ISLD-201308-025 ISLD-201308-026 ISLD-201308-027 ISLD-201308-028	6/10/2005	
		EP 1771978		1	3GPP TS 29.060 V8.3.0: section 3.1 3GPP TS 23.401 V8.10.0: sections 5.1.2, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.2.4, 5.1.2.5, 5.3.1, 5.3.1.1, 5.3.1.2, 5.3.1.2.1, 5.3.1.2.2, figures 5.1.2.1-1, 5.1.2.2-1, 5.1.2.3-1, 5.1.2.4-1, and 5.1.2.5-1 3GPP TS 29.061 V8.6.0: sections 11.2.1.3, 11.2.1.3.2, 11.2.1.4, 11.2.1.3.1, 11.3, figures 11c, 11d, 11e, 11bb and 11b 3GPP TS 23.060 V8.10.0: sections 9.2.2, 9.2.2.1, 9.2.2.1A, 14.5, figures 63 and 64	ISLD-201308-025ISLD	6/10/2005	
		CN ZL200580024907.0		1	3GPP TS 29.060 V8.3.0: section 3.1 3GPP TS 23.401 V8.10.0: sections 5.1.2, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.2.4, 5.1.2.5, 5.3.1, 5.3.1.1, 5.3.1.2, 5.3.1.2.1, 5.3.1.2.2, figures 5.1.2.1-1, 5.1.2.2-1, 5.1.2.3-1, 5.1.2.4-1, and 5.1.2.5-1 3GPP TS 29.061 V8.6.0: sections 11.2.1.3, 11.2.1.3.2, 11.2.1.4, 11.2.1.3.1, 11.3, figures 11c, 11d, 11e, 11bb and 11ba 3GPP TS 23.060 V8.10.0: sections 9.2.2, 9.2.2.1, 9.2.2.1A, 14.5, figures 63 and 64	ISLD-201308-025ISLD	6/10/2005	
			DE 602005007906.8					6/10/2005
			EP 1771978 (CH)					6/10/2005
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	EP 1771978 (LU)					6/10/2005		
	EP 1771978 (MC)					6/10/2005		
		ES 2310358				6/10/2005		
		IN 272738				6/10/2005		





LTE-036	3G LICENSING	EP 1741264	1	3GPP TS 29.060 V8.11.0 Sections 3.1, 4.1, Figure 1 3GPP TS 23.401 V8.8.0 Sections 5.1, 5.1.1.1, 5.1.1.4, Figure 5.1.1.4-1, 5.1.1.5, Figure 5.1.1.5-1, 5.1.1.6, Figure 5.1.1.6-1, 5.1.1.7, Figure 5.1.1.7-1, 5.1.1.8, Figure 5.1.1.8-1, 5.1.2.1, Figure 5.1.2.1-1, 5.1.2.2, Figure 5.1.2.2-1, 5.1.2.3, Figure 5.1.2.3-1, 5.1.2.4, Figure 5.1.2.4-1, 5.1.2.5, Figure 5.1.2.5-1 3GPP TS 23.402 V8.8.0 Sections 1, 4.2.2, Figure 4.2.2-2, 4.3.3.2, 4.3.3.3, 4.3.4, 5.1.2, 5.1.4.1, Figure 5.1.4-1, 5.1.4.2, Figure 5.1.4.2-1, 5.1.4.3, Figure 5.1.4.3-1, 5.1.4.4, Figure 5.1.4.4-1, 5.1.3.1, Figure 5.1.3.1-1, 6.1.2, Figure 6.1.2-1, Annex A, A.1, Figure A.1-1, Figure A.1-2, Figure A.1-3, A2, Figure A.2-1 3GPP TS 23.228 V8.9.0 Sections 4.6.0, 4.6.1, 5.4.2a, Figure 5.5b, E0, E5 3GPP TS 23.060 V8.7.0 Sections 4, 5.3.2.4, 5.3.2.5, 5.5, Table 1, 5.6.2.1, 5.6.2.2, Figure 6a, Figure 6b, Figure 6c, Figure 6d, 5.6.3, 5.6.3.1, Figure 7, 5.6.3.2, Figure 8, 9.2.1, 9.2.2.1, Figure 63, Figure 64	ISLD-201308-012 ISLD-201308-013 ISLD-201308-014 ISLD-201308-015 ISLD-201308-016	4/19/2005	
		CN ZL200580020466.7	1	3GPP TS 29.060 V8.11.0: Sections 3.1, 4.1, Figure 1 3GPP TS 23.401 V8.8.0: Sections 5.1, 5.1.1.1, 5.1.1.4, Figure 5.1.1.4-1, 5.1.1.5, Figure 5.1.1.5-1, 5.1.1.6, Figure 5.1.1.6-1, 5.1.1.7, Figure 5.1.1.7-1, 5.1.1.8, Figure 5.1.1.8-1, 5.1.2.1, Figure 5.1.2.1-1, 5.1.2.2, Figure 5.1.2.2-1, 5.1.2.3, Figure 5.1.2.3-1, 5.1.2.4, Figure 5.1.2.4-1, 5.1.2.5, Figure 5.1.2.5-1 3GPP TS 23.402 V8.8.0: Sections 1, 4.2.2, Figure 4.2.2-2, 4.3.3.2, 4.3.3.3, 4.3.4, 5.1.2, 5.1.4.1, Figure 5.1.4-1, 5.1.4.2, Figure 5.1.4.2-1, 5.1.4.3, Figure 5.1.4.3-1, 5.1.4.4, Figure 5.1.4.4-1, 5.1.3.1, Figure 5.1.3.1-1, 6.1.2, Figure 6.1.2-1, Annex A, A.1, Figure A.1-1, Figure A.1-2, Figure A.1-3, A2, Figure A.2-1 3GPP TS 23.228 V8.9.0: Sections 4.6.0, 4.6.1, 5.4.2a, Figure 5.5b, E0, E5 3GPP TS 23.060 V8.7.0: Sections 4, 5.3.2.4, 5.3.2.5, 5.5, Table 1, 5.6.2.1, 5.6.2.2, Figure 6a, Figure 6b, Figure 6c, Figure 6d, 5.6.3, 5.6.3.1, Figure 7, 5.6.3.2, Figure 8, 9.2.1, 9.2.2.1, Figure 63, Figure 64	ISLD-201308-012ISLD	4/19/2005	
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		EP 1741264 (FR)					4/19/2005
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		ES 2333801					4/19/2005
		IN 255363					4/19/2005
JP 4660539					4/19/2005		
US 7907618					4/19/2005		
LTE-037	3G LICENSING	US 7995523	1, 12	3GPP TS 23.401 V8.17.0: Sections 1, 4.2.1, 4.2.3, 4.7.1, 4.7.2.1, 4.7.2.2 and 5.4.5; Figures 4.2.1-1 and 5.4.5-1 3GPP TS 24.303 V8.9.0: Sections 1, 4.1, 5.1.1, 5.1.2.3 and 5.1.2.4 IETF RFC 6275 (included by reference in TS 24.303 V8.9.0): Abstract, Sections 10.4.1, 10.4.2 and 11.7.1	ISLD-201511-018	9/24/2003	
		CN ZL03822788.6				9/24/2003	
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		EP 1543666 (IT)				9/24/2003	
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		ES 1543666				9/24/2003	



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LTE-037	3G LICENSING		ES 1667384				9/24/2003	
			JP 4426451				9/24/2003	
			JP 4834133				9/24/2003	
			US 8611296				9/24/2003	
LTE-038	3G LICENSING	US 8406198		1	3GPP TS 23.401 V8.10.0: Sections 1, 4.2.2, 4.3.8.2, 5.3.1.1 and 5.3.2.1; Figures 4.2.2-1 and 5.3.2.1-1	ISLD-201308-011	4/16/2004	
		US 8130725		1	3GPP TS 23.401 V8.10.0: Sections 1, 4.2.2, 4.3.8.2, 5.3.1.1 and 5.3.2.1; Figures 4.2.2-1 and 5.3.2.1-1	ISLD-201308-011	4/16/2004	
		US 7839825		1	3GPP TS 23.401 V8.10.0: Sections 1, 4.2.2, 4.3.8.2, 5.3.1.1 and 5.3.2.1; Figures 4.2.2-1 and 5.3.2.1-1	ISLD-201308-011	4/16/2004	
		JP 4579905		1	3GPP TS 23.401 V8.10.0: Sections 1, 4.2.2, 4.3.8.2, 5.3.1.1 and 5.3.2.1; Figures 4.2.2-1 and 5.3.2.1-1	ISLD-201308-011	4/16/2004	
		EP 1614270		1	3GPP TS 23.401 V8.10.0: Sections 1, 4.2.2, 4.3.8.2, 5.3.1.1 and 5.3.2.1; Figures 4.2.2-1 and 5.3.2.1-1	ISLD-201308-011	4/16/2004	
		CN ZL200480010345.X		1	3GPP TS 23.401 V8.10.0: Sections 1, 4.2.2, 4.3.8.2, 5.3.1.1 and 5.3.2.1; Figures 4.2.2-1 and 5.3.2.1-1	ISLD-201308-011	4/16/2004	
			CN ZL201210055880.3					4/16/2004
			DE 602004027718.5					4/16/2004
			EP 1614270 (CH)					4/16/2004
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			EP 1614270 (LI)					4/16/2004
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	EP 1614270 (PL)					4/16/2004		
	EP 1614270 (TR)					4/16/2004		
			ES 2347652				4/16/2004	
LTE-039	3G LICENSING	JP 5248586		1	3GPP TS 23.401 V8.10.0: Section 4.2.2, and Figure 4.2.2-3 3GPP TS 23.060 V8.9.0: Sections 9.2.2 and 9.2.2.1, and Figures 63 and 64 3GPP TS 24.008 V8.10.0: Section 10.5.6.4, and Figure 10.5.137, and Table 10.5.155 3GPP TS 29.061 V8.7.0: Section 11.2.1.4, and Figures 11c, 11d, and 11e 3GPP TS 23.228 V8.12.0: Section 3.1, and Annex I.1, I.2, I.3, I.3.1, and I.3.1.2, and Figures I.1 and I.3 IETF RFC 3344 (2002-08) (included by reference in TS 29.061): Sections 1.5, 1.7 and 3	ISLD-201109-013 ISLD-201109-014 ISLD-201109-015 ISLD-201109-016 ISLD-201109-017	3/10/2004	
		IN 227148		1	3GPP TS 23.401 V8.10.0: Section 4.2.2, and Figure 4.2.2-3 3GPP TS 23.060 V8.9.0: Sections 9.2.2 and 9.2.2.1, and Figures 63 and 64 3GPP TS 24.008 V8.10.0: Section 10.5.6.4, and Figure 10.5.137, and Table 10.5.155 3GPP TS 29.061 V8.7.0: Section 11.2.1.4, and Figures 11c, 11d, and 11e 3GPP TS 23.228 V8.12.0: Section 3.1, and Annex I.1, I.2, I.3, I.3.1, and I.3.1.2, and Figures I.1 and I.3 IETF RFC 3344 (2002-08) (included by reference in TS 29.061): Sections 1.5, 1.7 and 3	ISLD-201109-013ISLD	3/10/2004	



LTE-039	3G LICENSING	EP 1602215		1	3GPP TS 23.401 V8.10.0: Section 4.2.2, and Figure 4.2.2-3 3GPP TS 23.060 V8.9.0: Sections 9.2.2 and 9.2.2.1, and Figures 63 and 64 3GPP TS 24.008 V8.10.0: Section 10.5.6.4, and Figure 10.5.137, and Table 10.5.155 3GPP TS 29.061 V8.7.0: Section 11.2.1.4, and Figures 11c, 11d, and 11e 3GPP TS 23.228 V8.12.0: Section 3.1, and Annex I.1, I.2, I.3, I.3.1, and I.3.1.2, and Figures I.1 and I.3 IETF RFC 3344 (2002-08) (included by reference in TS 29.061): Sections 1.5, 1.7 and 3	ISLD-201109-01ISLD	3/10/2004	
		CN ZL200480006637.6		1	3GPP TS 23.401 V8.10.0: Section 4.2.2, and Figure 4.2.2-3 3GPP TS 23.060 V8.9.0: Sections 9.2.2 and 9.2.2.1, and Figures 63 and 64 3GPP TS 24.008 V8.10.0: Section 10.5.6.4, and Figure 10.5.137, and Table 10.5.155 3GPP TS 29.061 V8.7.0: Section 11.2.1.4, and Figures 11c, 11d, and 11e 3GPP TS 23.228 V8.12.0: Section 3.1, and Annex I.1, I.2, I.3, I.3.1, and I.3.1.2, and Figures I.1 and I.3 IETF RFC 3344 (2002-08) (included by reference in TS 29.061): Sections 1.5, 1.7 and 3	ISLD-201109-013 ISLD-201109-014 ISLD-201109-015 ISLD-201109-016 ISLD-201109-017	3/10/2004	
			DE 602004023182.7					3/10/2004
			EP 1602215 (FR)					3/10/2004
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			KR 10-1007005					3/10/2004
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		US 8023946				3/10/2004		
LTE-040	3G LICENSING	US 7860037		1	3GPP TS 23.060 V8.13.0: Sections 1, 3.1, 4, 5.4.0, 5.4.1.5, 9.2.1A, 9.2.3.0, 9.2.3.2A, 9.2.3.2, 15.3.0 and 15.3.1; Figures 2a, 71c, 71a and 71b 3GPP TS 23.401 V8.14.0: Sections 1, 3.1, 4.1, 4.2.1, 4.3.1, 4.3.2.1, 4.3.3.1, 4.3.3.2, 4.4.3.1, 4.4.3.3, 4.7.1, 4.7.2.1, 4.7.2.2 and 5.4.3; Figures 4.2.1-1, 4.2.1-2, 4.7.2.2-1 and 5.4.3-1 3GPP TS 23.402 V8.9.0: Section 4.3.3.3 IETF RFC 5213 (2008-08; included by reference in 3GPP TS 23.402): Sections 2.2, 3, 5.3.1, 6.10.5 and 8.1 IETF RFC 3775 (2004-06; included by reference in IETF RFC 5213): Abstract and section 11.7.2	ISLD-201211-016 ISLD-201211-017 ISLD-201211-018	5/17/2004	
		JP 4511529		1	3GPP TS 23.060 V8.13.0: Sections 1, 3.1, 4, 5.4.0, 5.4.1.5, 9.2.1A, 9.2.3.0, 9.2.3.2A, 9.2.3.2, 15.3.0 and 15.3.1; Figures 2a, 71c, 71a and 71b 3GPP TS 23.401 V8.14.0: Sections 1, 3.1, 4.1, 4.2.1, 4.3.1, 4.3.2.1, 4.3.3.1, 4.3.3.2, 4.4.3.1, 4.4.3.3, 4.7.1, 4.7.2.1, 4.7.2.2 and 5.4.3; Figures 4.2.1-1, 4.2.1-2, 4.7.2.2-1 and 5.4.3-1 3GPP TS 23.402 V8.9.0: Section 4.3.3.3 IETF RFC 5213 (2008-08; included by reference in 3GPP TS 23.402): Sections 2.2, 3, 5.3.1, 6.10.5 and 8.1 IETF RFC 3775 (2004-06; included by reference in IETF RFC 5213): Abstract and section 11.7.2	ISLD-201211-016ISLD	5/17/2004	
		IN 228935		1	3GPP TS 23.060 V8.13.0: Sections 1, 3.1, 4, 5.4.0, 5.4.1.5, 9.2.1A, 9.2.3.0, 9.2.3.2A, 9.2.3.2, 15.3.0 and 15.3.1; Figures 2a, 71c, 71a and 71b 3GPP TS 23.401 V8.14.0: Sections 1, 3.1, 4.1, 4.2.1, 4.3.1, 4.3.2.1, 4.3.3.1, 4.3.3.2, 4.4.3.1, 4.4.3.3, 4.7.1, 4.7.2.1, 4.7.2.2 and 5.4.3; Figures 4.2.1-1, 4.2.1-2, 4.7.2.2-1 and 5.4.3-1 3GPP TS 23.402 V8.9.0: Section 4.3.3.3 IETF RFC 5213 (2008-08; included by reference in 3GPP TS 23.402): Sections 2.2, 3, 5.3.1, 6.10.5 and 8.1 IETF RFC 3775 (2004-06; included by reference in IETF RFC 5213): Abstract and section 11.7.2	ISLD-201211-016ISLD	5/17/2004	



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		EP 1636961 (CH)				5/17/2004
		EP 1636961 (FR)				5/17/2004
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LTE-041	3G LICENSING	EP 1838044	20	3GPP TS 23.327 V8.4.0: Sections 1, 3.2, 4.2, 5, 5.2.1, 5.3.1, 5.3.2, 5.4, 5.5, 6.1, 6.3.1 and 6.3.2.2; Figures 5.2.1-1, 6.1, 6.3.1-1 and 6.3.2.2-1 3GPP TS 23.234 V8.0.0: Sections 1, 2, 3.2, 5.7.1, 5.13.1, 5.13.2, 6.1.1, 6.2.1, 6.2.5, 6.2.6 and H.4; Figure 6.1 3GPP TS 23.107 V8.2.0: Section 6.3	ISLD-201308-032 ISLD-201308-033 ISLD-201308-034	3/24/2006
		CN ZL200780010663.X	20	3GPP TS 23.327 V8.4.0: Sections 1, 3.2, 4.2, 5, 5.2.1, 5.3.1, 5.3.2, 5.4, 5.5, 6.1, 6.3.1 and 6.3.2.2; Figures 5.2.1-1, 6.1, 6.3.1-1 and 6.3.2.2-1 3GPP TS 23.234 V8.0.0: Sections 1, 2, 3.2, 5.7.1, 5.13.1, 5.13.2, 6.1.1, 6.2.1, 6.2.5, 6.2.6 and H.4; Figure 6.1 3GPP TS 23.107 V8.2.0: Section 6.3	ISLD-201308-032 ISLD-201308-033 ISLD-201308-034	3/24/2006
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				US 9413681		
LTE-042	3G LICENSING	US 8184646	18	3GPP TS 23.401 V8.18.0, Section 3.1, 4.3.3, 4.3.3.1, 4.3.5, 4.3.5.1, 4.3.5.2, 4.7, 4.7.1, 5.1.2, 5.1.2.1, 5.3.2 and 5.3.2.1, Figure 5.1.2.1-1 3GPP TS 24.301 V8.10.0, Section 4.2, 8.3.8, 8.3.8.1, 9.9.4.3 and 9.9.4.3, Figure 9.9.4.3.1, Table 8.3.8.1 3GPP TS 23.002 V8.6.0, Section 3.1, 4.1.4, 4.1.4.1, 4.1.4.2, 4.1.4.2.1 and 4.1.4.2.2 3GPP TS 23.203 V8.14.0, Section 3.1, 6.1.7 and 6.1.7.2	ISLD-201211-019 ISLD-201211-020 ISLD-201211-021	3/19/2007
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			ES 1999907				3/19/2007	
			US 9166824				3/19/2007	
LTE-043	3G LICENSING	US 8526983		1	3GPP TS 23.204 V8.5.0, Sections 5.1, 5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.3.1.1, 5.3.2, 6.1 and 6.4	ISLD-201109-011 ISLD-201109-012 ISLD-201308-035 ISLD-201308-036	10/7/2004	
		US 8364180		1	3GPP TS 23.204 V8.5.0, Sections 5.1, 5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.3.1.1, 5.3.2, 6.1 and 6.4	ISLD-201109-011ISLD	10/7/2004	
		JP 4702853		1	3GPP TS 23.204 V8.5.0, Sections 5.1, 5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.3.1.1, 5.3.2, 6.1 and 6.4	ISLD-201109-011ISLD	10/7/2004	
		IN 250080		1	3GPP TS 23.204 V8.5.0, Sections 5.1, 5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.3.1.1, 5.3.2, 6.1 and 6.4	ISLD-201109-011ISLD	10/7/2004	
		EP 1671501		1	3GPP TS 23.204 V8.5.0, Sections 5.1, 5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.3.1.1, 5.3.2, 6.1 and 6.4	ISLD-201109-011ISLD	10/7/2004	
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	ES 2311849					10/7/2004		
LTE-044	3G LICENSING	US 6856818		18	3GPP TS 21.111 V7.1.0: Sections 1, 4, 5.1, 5.2, 6.1 and 11.2 3GPP TS 31.102 V7.13.0: Sections 4.4.2, 4.7, 5.1.1.1 and 5.3.29; Figure 4.2 3GPP TS 31.101 V7.0.1: Section 8.1 ETSI TS 102.221 V7.4.0: Sections 8.2.2.2, 8.4.1, 8.4.3, 11.1.1.1, 11.1.3.1, 11.1.5.1, 11.1.5.2, Annex K and K.2; Figure 8.2, 8.4 and K.1; Tables 8.1 and 11.11	ISLD-201011-001 ISLD-201011-002 ISLD-201011-003 ISLD-201011-004	1/19/1998	
		JP 4357596		18	3GPP TS 21.111 V7.1.0: Sections 1, 4, 5.1, 5.2, 6.1 and 11.2 3GPP TS 31.102 V7.13.0: Sections 4.4.2, 4.7, 5.1.1.1 and 5.3.29; Figure 4.2 3GPP TS 31.101 V7.0.1: Section 8.1 3GPP TS 102.221 V7.4.0: Sections 8.2.2.2, 8.4.1, 8.4.3, 11.1.1.1, 11.1.3.1, 11.1.5.1, 11.1.5.2, Annex K and K.2; Figure 8.2, 8.4 and K.1; Table 8.1 and 11.11	ISLD-201011-001ISLD	1/19/1998	
		IN 208486		18	3GPP TS 21.111 V7.1.0: Sections 1, 4, 5.1, 5.2, 6.1 and 11.2 3GPP TS 31.102 V7.13.0: Sections 4.4.2, 4.7, 5.1.1.1 and 5.3.29; Figure 4.2 3GPP TS 31.101 V7.0.1: Section 8.1 ETSI TS 102.221 V7.4.0: Sections 8.2.2.2, 8.4.1, 8.4.3, 11.1.1.1, 11.1.3.1, 11.1.5.1, 11.1.5.2, Annex K and K.2; Figure 8.2, 8.4 and K.1; Tables 8.1 and 11.11	ISLD-201011-001ISLD	1/19/1998	
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		CA 2280150		18	3GPP TS 21.111 V7.1.0: Sections 1, 4, 5.1, 5.2, 6.1 and 11.2 3GPP TS 31.102 V7.13.0: Sections 4.4.2, 4.7, 5.1.1.1 and 5.3.29; Figure 4.2 3GPP TS 31.101 V7.0.1: Section 8.1 ETSI TS 102.221 V7.4.0: Sections 8.2.2.2, 8.4.1, 8.4.3, 11.1.1.1, 11.1.3.1, 11.1.5.1, 11.1.5.2, Annex K and K.2; Figure 8.2, 8.4 and K.1; Tables 8.1 and 11.11	ISLD-201011-001ISLD	1/19/1998	



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LTE-045	3G LICENSING	US 7102663	1	3GPP TS 23.060 V8.9.0 Sections 5.1, Figure 1, 5.3.8 and Figure 72b. 3GPP TS 23.228 V8.12.0 Sections 4.0, 4.16.1, 4.16.2, 5.4.4. Annex E, E.0, E.2.1a.1, E.2.1a.2, E.2.4.0, E.2.4.1, Figure E 3GPP TS 23.401 V8.17.0 Sections 4.7.1, 4.7.2.2, and Figure 4.7.2.2-1	ISLD-201308-0029 ISLD-201308-0030 ISLD-201308-0031	10/16/2001
		CN ZL200510097414.1	8	3GPP TS 22.279 V7.1.0: Sections 1, 2, 3.1, 6 and 8 3GPP TS 23.279 V7.7.0: Sections 8.1, 8.3.1 and 8.3.2; Figures 8-1, 8.3-1 and 8.3-2 3GPP TS 23.228 V7.16.0: Sections 4.13.2 and 4.13.3; Figure 4.13-1 3GPP TS 24.173 V9.1.0: Sections 4.2, 5.1 and 5.2 3GPP TS 24.229 V7.28.0: Sections 5.1, 5.1.2A.1, 6.1.2, 6.1.3, 7.9.2, 7.2A.8.1, 7.2A.8.2, 7.2A.9.1, 7.2A.9.2, 7.9.2 and 7.9.3 3GPP TS 24.279 V7.7.0: Sections 6.3.1.8, 6.3.1.9, 7.3.1.3, 7.3.1.4, A.1, A.2, A.3, 7.3.1.8 and 7.3.1	ISLD-201308-0029ISL	10/16/2001
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			HK 1015598				9/25/1996	
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LTE-050	SISVEL	US 7957736		9	3GPP TS 23.003 v 8.17.0 : Sections 2.8.1 3GPP TS 23.401 v 8.18.0: Sections 5.3.2.1 3GPP TS 24.301 v 8.10.0: Sections 5.4.1.2, 8.2.4.1; Table 8.2.4.1	ISLD-201305-003	10/5/1999	
		EP 1119997		15	3GPP TS 23.003 V8.17.0: Sections 2.1, 2.8, 2.8.1 3GPP TS 23.401 V8.18.0: Section 5.3.7; Figure 5.3.7-1	ISLD-201305-003	10/5/1999	
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LTE-051	SISVEL	US 7580714		1	3GPP TS 23.401 V8.18.0: Sections 5.3.2, 5.3.2.1, 5.3.5.1; Figures 5.3.2.1-1, 5.3.5.1-1	ISLD-200812-008	10/13/2000	
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LTE-052	SISVEL	US 7283499		1	3GPP TS 36.201 V8.3.0: Sections 4.1.2, 4.2.1 3GPP TS 36.212 V8.8.0: Sections 4.2, 5, 5.3.2; Figure 5.3.2-1 3GPP TS 36.213 V8.8.0: Sections 7.2, 7.2.1, 7.2.2, 7.2.3, 7.2.4; Table: 7.2.3-1	ISLD-201305-003	10/15/2004	
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LTE-054	SISVEL	US 7599384		17	3GPP TS 24.301 V8.10.0: Sections 4.2, 6.1.1, 6.4.1.1, 6.4.3.1, 6.4.3.2, 6.4.3.3, 6.4.3.4, 6.5.3.1, 8.3.18.1, 9.3.2, 9.9.4.3; Figure 6.4.3.2.1; Tables 8.3.18.1	ISLD-201305-003	8/31/1998	
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LTE-057	SISVEL	US 7894443		16	3GPP TS 36.322 v10.0.0: Sections 4.1, 4.2.1, 6.2, 6.2.1.1, 6.2.1.3, 6.2.1.4, 6.2.1.5, 6.2.2.1, 6.2.2.2, 6.2.2.5, 6.2.2.6; Figures 4.2.1-1, 6.2.1.3-3, 6.2.1.3-4, 6.2.1.3-5, 6.2.1.3-6, 6.2.1.4-2, 6.2.1.4-3, 6.2.1.5-1, 6.2.1.5-2, 6.2.1.5-3; Table 6.2.2.6-1	ISLD-201305-003	8/22/2006	
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KR 10-0950843					8/22/2006			
PK 140978					8/22/2006			
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LTE-059	3G LICENSING	EP 1869841		1	3GPP TS 23.060 V8.7.0: sections 9.2.1A; 9.2.1.1; 9.2.2.1; 9.2.2.1.1; 15.3.0; 15.3.1; Figures 63; 64 3GPP TS 23.207 V8.0.0: sections 4.2; 4.7; 5.1; 5.2; 5.2.1; 5.2.2; 6.1; 6.1.1; 6.1.2; 6.4; Figures; Annex A: A.2; A.2.5; Annex C; Figure A.7 3GPP TS 23.228 V8.12.0: sections 4.0; 4.2.4; 4.2.4a; 4.6.0; 4.6.1; 4.6.3; 5.4.0; 5.4.2a; Figures 4.0; 5.5b; Annex E: E.0; E.5 3GPP TS 23.401 V8.8.0: sections 1; 4.2.1; 4.2.2; 4.4.4; Figures 4.2.1-1; 4.2.1-2; 4.2.2-1; 4.2.2-2, 4.2.2-3 3GPP TS 24.008 V9.3.0: sections 9.5.4; 9.5.4.1; 10.5.6.12; tables 9.5.4; 10.5.162 3GPP TS 24.229 V8.11.0: Annex B: B.1; B.2.1; B.2.2.1; B.2.2.5.1; B.2.2.5.1A; B.2.2.5.1B 3GPP TS 29.060 V9.3.0: section 7.7.36	ISLD-201011-005 ISLD-201011-006 ISLD-201011-007 ISLD-201011-008 ISLD-201011-009 ISLD-201011-010 ISLD-201308-017 ISLD-201308-018 ISLD-201308-019 ISLD-201308-020 ISLD-201308-021	3/22/2006	
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LTE-063	3G LICENSING	US 7933564		1	3GPP TS 36.211 V10.7.0: Sections 6.3, 6.3.2, 6.3.3, 6.3.3.3, 6.3.4, 6.3.4.3; Figure 6.3-1; Table 6.3.3.3-1		12/2/2004	
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			KR 10-1092537				12/2/2004
<b>LTE-064</b>	<b>KPN</b>	JP 5436577		17	3GPP TS 23.228 v12.4.0: Annex U.1.0, U.1.2, U.2.2, Fig. U.1.2-1 3GPP TS 24.371 v12.9.0: Sections 1, 2, 4.1 5D.1, 5D.2 and 7.1	ISDL-2016-006	1/19/2010
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			KR 10-1287322				1/19/2010
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<b>LTE-065</b>	<b>3G LICENSING</b>	EP 2597926		9	3GPP TS 23.401 V8.15.0: Sections 4.3.2.2,4.7.5, 5.3.2.1, Fig. 5.3.2.1-1, 5.4.1, and Fig.5.4.1-1 3GPP TS 23.203 V8.14.0: Sections 3.1, 4.1,and 5.2.2 3GPP TS 29.212 V8.15.0: Section 4.5.1		10/9/2008
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<b>LTE-071</b>	<b>KPN</b>	EP 0785692		1	3GPP TS 23.261 V10.2.0: Sections 5.3.1, 5.4.1 and 5.4.2; Figure 5.4.2-1 3GPP TS 24.312 V10.7.0: Section 4.1.1 3GPP TS 36.304 V10.8.0: Section 7.1 3GPP TS 23.401 v10.13.0: Section 5.13	ISLD-201507-025	7/23/1997
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LTE-072	ORANGE	EP 1362447		1	3GPP TS 36.300 V11.10.0: Sections 3, 3.2, 5, 5.1, 5.1.5 3GPP TS 36.212 V10.8.0: Sections 4, 4.2, 5, 5.1, 5.1.3, 5.1.4, 5.1.4.1, 5.1.5, 5.3, 5.3.2, 5.3.2.3, 5.3.2.4, 5.3.2.5 3GPP TS 36.211 V10.7.0: Sections 3, 3.1, 6, 6.1, 6.1.1, 6.2, 6.2.1, 6.2.2, 6.3, 6.3.1, 6.3.2, 6.3.3, 6.3.3.2, 6.3.4, 6.3.4.2, 6.3.4.2.1, 6.3.4.2.2, 6.3.4.2.3, 6.3.5, 6.4 3GPP TS 36.201 V10.0.0: Sections 4, 4.2, 4.2.3		2/14/2002
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US 7170948				2/14/2002			
LTE-073	MELCO		JP 4814388				7/23/2010
LTE-074	MELCO		CN ZL200580049106.X				3/14/2005
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LTE-075	MELCO		CN ZL200480021840.0				7/29/2004
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US 8385295				2/9/2012			
LTE-076	MELCO		JP 4097129				8/8/2002
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LTE-077	MELCO	US 9635656		3	3GPP TS 36.213 V9.0.1: Sections 7.2, 7.2.2 3GPP TS 36.201 V9.0.0: Section 5.5 3GPP TS 36.321 V9.1.0: Section 5.4.4		12/27/2006
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LTE-077	MELCO		JP 5160667			6/2/2011	
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LTE-078	MELCO		CN ZL200780053418.7			12/27/2007	
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LTE-079	MELCO	JP 4841630		2	3GPP TS 36.213 V9.0.1: Sections 7.2, 10.1	7/30/2014	
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LTE-080	MELCO		CN ZL201210178008.8			5/29/2012	
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LTE-081	MELCO		JP 4902592			5/9/2008	
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LTE-082	MELCO	US 9113445		1	3GPP TS 36.300 V10.6.0: Sections 6, 6.1, 6.1.2, 11.3; Figure 6-2 3GPP TS 36.306 V10.4.0: Title; Sections 4, 4.1, 4.2.5; Table 4.1-3 3GPP TS 36.321 V10.4.0: Sections 5.4.3.1, 5.4.3.2, 5.4.5, 6.1.2, 6.1.3.1; Figure 6.1.2-3; Tables 6.1.3.1-1, 6.1.3.1-2 3GPP TS 36.322 V10.0.0: Sections 4.2.1, 4.2.1.1.1, 4.2.1.2.1, 4.2.1.3.1, 4.5; Figures 4.2.1-1, 4.2.1.1.1-1, 4.2.1.2.1-1, 4.2.1.3.1-1 3GPP TS 36.331 V10.6.0: Sections 5.6.3.1, 5.6.3.3, 6.3.6; Figure 5.6.3.1-1	4/30/2004
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US 8583156			4/30/2004			
LTE-083	MELCO		AU 2008212453			2/1/2008
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			JP 4698734			2/1/2008
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			KR 10-1018316			2/1/2008
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LTE-084	MELCO	US 9713068		3	3GPP TS 24.301 V11.0.0: Sections 3.1, 3.2, 5.1.1, 5.1.3.2.2.4, 5.3.5, 5.5.3.1, 5.5.3.2.1, 5.5.3.2.2 3GPP TS 23.401 V11.0.0: Sections 4, 4.1, 4.2, 4.2.1, 4.2.2, 4.3.5.2, 4.3.5.3, 5.3.3, 5.3.3.0, 5.3.3.2, 5.3.3.2.4; Figures 4.2.1-1, 4.2.1-2, 4.2.2-1, 4.2.2-2, 4.2.2-3, 5.3.3.2-1 3GPP TS 36.300 V11.0.0: Sections 4, 4.1, ; Figure 4-1	10/26/2009
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LTE-085	MELCO	CN ZL201080044486.9			9/15/2010
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LTE-086	MELCO	CN ZL200580049478.2			4/20/2005
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		KR 10-1258130			8/9/2006
		KR 10-1329607			3/4/2011
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LTE-087	MELCO	CN ZL200780030693.7			8/9/2007
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LTE-089	MELCO	CN ZL200510063850.7			4/7/2005
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LTE-104	MELCO		CN ZL200980136505.8			7/24/2009
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