

ANNEX C
Philips Cellular Patents

Internal reference	Title	Filing date	Country	Application	Grant	Grant date	Expiry Date	Priority date
1992P00043	HK	1993-Mar-10	HK	98114041.3	HK1012822	2000-Apr-28	2013-Mar-10	1992-Mar-11
1992P00043	JP	1993-Mar-11	JP	93-50523	3314098	2002-May-31	2013-Mar-11	
1992P00043	KR	1993-Mar-10	KR	93-3548	362068	2002-Nov-11	2013-Mar-10	
1992P00043	SG	1993-Mar-10	SG	9606187.4	44713	2001-Dec-12	2013-Mar-10	
1992P00043	TW	1993-Apr-10	TW	82102684	68080	1995-Feb-10	2013-Apr-10	
1992P00043	US	1993-Mar-10	US	08/029254	5448764	1995-Sep-05	2013-Mar-10	
1992P00043EPDE		1993-Mar-10	DE	93200682.8	59309622.3	1999-Jun-02	2013-Mar-10	
1992P00043EPFR		1993-Mar-10	FR	93200682.8	0569061	1999-Jun-02	2013-Mar-10	
1992P00043EPGB		1993-Mar-10	GB	93200682.8	0569061	1999-Jun-02	2013-Mar-10	
1992P00043EPIT		1993-Mar-10	IT	93200682.8	0569061	1999-Jun-02	2013-Mar-10	
1993P00457	CN	1994-Jun-16	CN	00126217.3	00126217.3	2004-Jul-07	2014-Jun-16	1993-Jun-16
1993P00457	JP	1994-Jun-16	JP	04-021829	4049747	2007-Dec-07	2014-Jun-16	
1993P00457	JP01	1994-Jun-16	JP	04-021830	4049748	2007-Dec-07	2014-Jun-16	
1993P00457	JP02	1994-Jun-16	JP	04-021831	4049749	2007-Dec-07	2014-Jun-16	
1993P00457	KR	2002-Apr-27	KR	10-2002-7005461	10-0562186	2006-Mar-13	2014-Jun-16	
1993P00457	KR01	2002-Apr-27	KR	10-2002-7005462	10-0559763	2006-Mar-06	2014-Jun-16	
1993P00457	KR02	2002-Apr-27	KR	10-2002-7005459	10-0562185	2006-Mar-13	2014-Jun-16	
1993P00457	KR03	2002-Apr-27	KR	10-2002-7005460	356976	2002-Oct-04	2014-Jun-16	
1993P00457	RU	1994-Jun-16	RU	2002113290	2287903	2006-Nov-20	2014-Jun-16	
1993P00457	RU01	1994-Jun-16	RU	2003104618	2315430	2008-Jan-20	2014-Jun-16	
1993P00457	TW	1994-Jul-14	TW	83106431	90724	1998-Mar-11	2014-Jul-14	
1993P00457WEDE		1994-Jun-16	DE	94917129.2	69432782.4	2003-Jun-04	2014-Jun-16	
1993P00457WEDE01		1994-Jun-16	DE	00111510.4	69435329.9	2010-Dec-08	2014-Jun-16	
1993P00457WEDE02		1994-Jun-16	DE	03101044.0	1351422	2013-Sep-11	2014-Jun-16	
1993P00457WEDE03		1994-Jun-16	DE	03101045.7	1333605	2013-Aug-28	2014-Jun-16	
1993P00457WEDE04		1994-Jun-16	DE	03101046.5	1333602	2013-Sep-11	2014-Jun-16	
1993P00457WEFR		1994-Jun-16	FR	94917129.2	0659317	2003-Jun-04	2014-Jun-16	
1993P00457WEFR01		1994-Jun-16	FR	00111510.4	1035678	2010-Dec-08	2014-Jun-16	
1993P00457WEFR02		1994-Jun-16	FR	03101044.0	1351422	2013-Sep-11	2014-Jun-16	
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1993P00457WEGB02		1994-Jun-16	GB	03101044.0	1351422	2013-Sep-11	2014-Jun-16	
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1993P00457WOCN		1994-Jun-16	CN	94190376.1	94190376.1	2001-Jan-13	2014-Jun-16	
1993P00457WOJP		1994-Jun-16	JP	95-501541	3685803	2005-Jun-10	2014-Jun-16	
1993P00457WOKR		1994-Jun-16	KR	10-1995-0700583	383686	2003-Apr-29	2014-Jun-16	
1993P00457WOSG		1994-Jun-16	SG	9608853.9	44858	2002-Jan-09	2014-Jun-16	
1993P00457WOUS		1994-Jun-16	US	08/381997	5619491	1997-Apr-08	2014-Jun-16	
1994P00470	BR	1995-Apr-24	BR	PI9510761.4	PI9510761-4	2004-Sep-28	2015-Apr-24	1994-Apr-27
1994P00470	IN	1995-Apr-26	IN	473/CAL/95	182656	1999-Dec-17	2015-Apr-26	
1994P00470	KR	1995-Apr-24	KR	10-2002-7014397	384204	2003-May-02	2015-Apr-24	
1994P00470	TW	1995-May-15	TW	84104796	77770	1996-Aug-17	2015-May-15	
1994P00470	US	1995-Apr-27	US	08/430518	5737322	1998-Apr-07	2015-Apr-27	
1994P00470WEDE		1995-Apr-24	DE	95914498.1	69531398.3	2003-Jul-30	2015-Apr-24	
1994P00470WEDE01		1995-Apr-24	DE	02078983.0	69534169.3	2005-Apr-20	2015-Apr-24	
1994P00470WEFR		1995-Apr-24	FR	95914498.1	0765583	2003-Jul-30	2015-Apr-24	
1994P00470WEFR01		1995-Apr-24	FR	02078983.0	1298944	2005-Apr-20	2015-Apr-24	
1994P00470WEGB		1995-Apr-24	GB	95914498.1	0765583	2003-Jul-30	2015-Apr-24	
1994P00470WEGB01		1995-Apr-24	GB	02078983.0	1298944	2005-Apr-20	2015-Apr-24	
1994P00470WEIT		1995-Apr-24	IT	95914498.1	0765583	2003-Jul-30	2015-Apr-24	
1994P00470WEIT01		1995-Apr-24	IT	02078983.0	1298944	2005-Apr-20	2015-Apr-24	
1994P00470WOBR		1995-Apr-24	BR	PI9507527.5	PI9507527-5	2005-Feb-01	2015-Apr-24	
1994P00470WOCN		1995-Apr-24	CN	95193462.7	95193462.7	2003-Jan-01	2015-Apr-24	
1994P00470WOJP		1995-Apr-24	JP	95-527505	3871340	2006-Oct-27	2015-Apr-24	
1994P00470WOKR		1995-Apr-24	KR	96-706139	0379046	2003-Mar-25	2015-Apr-24	
1994P00470WORU		1995-Apr-24	RU	96122885	2178238	2002-Jan-10	2015-Apr-24	
1994P00470WOSG		1995-Apr-24	SG	9611841.9	34834	1997-Jun-14	2015-Apr-24	

Internal reference	Title	Filing date	Country	Application	Grant	Grant date	Expiry Date	Priority date
1994P00509	CN RACH Power Ramping	1995-Oct-31	CN	02124490.1	02124490.1	2005-Nov-23	2015-Oct-31	1994-Nov-04
1994P00509	CN01	1995-Oct-31	CN	02124491.X	02124491.X	2005-Jan-05	2015-Oct-31	
1994P00509	HK	1995-Oct-31	HK	98114118.1	HK1013185	2003-Feb-07	2015-Oct-31	
1994P00509	IN	1995-Nov-06	IN	1391/CAL/95	185019	2001-Jan-01	2015-Nov-06	
1994P00509	JP02	1995-Oct-31	JP	06-120840	3970911	2007-Jun-15	2015-Oct-31	
1994P00509	JP03	1995-Oct-31	JP	06-120839	3970910	2007-Jun-15	2015-Oct-31	
1994P00509	KR	1995-Oct-31	KR	10-2003-7001556	395042	2003-Aug-05	2015-Oct-31	
1994P00509	KR01	1995-Oct-31	KR	10-2003-7001557	395041	2003-Aug-05	2015-Oct-31	
1994P00509	TW	1995-Nov-08	TW	84111831	NI-087379	1997-Oct-15	2015-Nov-08	
1994P00509	US	1995-Nov-02	US	08/552321	5872522	1999-Feb-16	2015-Nov-02	
1994P00509	WEDE	1995-Oct-31	DE	95934261.9	69527134.2	2002-Jun-19	2015-Oct-31	
1994P00509	WEFR	1995-Oct-31	FR	95934261.9	0738452	2002-Jun-19	2015-Oct-31	
1994P00509	WEGB	1995-Oct-31	GB	95934261.9	0738452	2002-Jun-19	2015-Oct-31	
1994P00509	WEIT	1995-Oct-31	IT	95934261.9	0738452	2002-Jun-19	2015-Oct-31	
1994P00509	WOBR	1995-Oct-31	BR	PI9506448.6	PI9506448.6	2002-Aug-06	2015-Oct-31	
1994P00509	WOCN	1995-Oct-31	CN	95191622.X	95191622.X	2003-Feb-05	2015-Oct-31	
1994P00509	WOJP	1995-Oct-31	JP	96-515163	3945818	2007-Apr-20	2015-Oct-31	
1994P00509	WOKR	1995-Oct-31	KR	96-703603	389972	2003-Jun-20	2015-Oct-31	
1994P00509	WOSG	1995-Oct-31	SG	9701845.1	40974	2004-Nov-30	2015-Oct-31	
1995P00756	US Channel Locking on	1996-May-13	US	08/645441	5878076	1999-Mar-02	2016-May-13	1995-May-12
1995P00756	WEDE Long PN Sequence	1996-May-07	DE	96910164.1	69625023.3	2002-Nov-27	2016-May-07	
1995P00756	WEFR	1996-May-07	FR	96910164.1	0770289	2002-Nov-27	2016-May-07	
1995P00756	WEGB	1996-May-07	GB	96910164.1	0770289	2002-Nov-27	2016-May-07	
1995P00756	WOCN	1996-May-07	CN	96190486.0	96190486.0	2003-Jan-01	2016-May-07	
1995P00756	WOJP	1996-May-07	JP	96-533917	3611331	2004-Oct-29	2016-May-07	
1995P00756	WOSG	1996-May-07	SG	9700307.3	36484	1999-Nov-16	2016-May-07	
1994P00385	AR Blind Format Detection	1995-Aug-01	AR	332966	255445	2002-Mar-04	2017-Mar-04	1994-Jul-28
1994P00385	BR	1995-Jul-20	BR	PI9510759.2	PI9510759.2	2005-Jun-21	2015-Jul-20	1995-Jun-06
1994P00385	BR01	1995-Jul-20	BR	PI9510760.6	PI9510760.6	2005-Jun-21	2015-Jul-20	
1994P00385	CN	1995-Jul-20	CN	200310114208.8	200310114208.8	2008-Aug-06	2015-Jul-20	
1994P00385	CN01	1995-Jul-20	CN	200310114209.2	200310114209.2	2008-Aug-06	2015-Jul-20	
1994P00385	ID	1995-Jul-27	ID	P-951455	ID0020013	2007-Oct-30	2015-Jul-27	
1994P00385	ID01	1995-Jul-27	ID	P-00200200843	ID-0022423	2008-Dec-01	2015-Jul-27	
1994P00385	ID02	1995-Jul-27	ID	P-00200200842	ID-0022425	2008-Dec-01	2015-Jul-27	
1994P00385	IN	1995-Jul-27	IN	862/CAL/95	184218	2001-Jan-19	2015-Jul-27	
1994P00385	JP02	1995-Jul-20	JP	05-289608	3862734	2006-Oct-06	2015-Jul-20	
1994P00385	JP03	1995-Jul-20	JP	05-289609	3862735	2006-Oct-06	2015-Jul-20	
1994P00385	MY	1995-Jul-26	MY	PI95002147	MY113082-A	2001-Nov-30	2016-Nov-30	
1994P00385	TW	1995-Aug-29	TW	84108999	79323	1996-Nov-06	2015-Aug-29	
1994P00385	US	1995-Jul-24	US	08/505933	5721743	1998-Feb-24	2015-Jul-24	
1994P00385	WECH	1995-Jul-20	CH	95924476.5	0721714	2004-May-06	2015-Jul-20	
1994P00385	WEDE	1995-Jul-20	DE	95924476.5	69532987.1	2004-May-06	2015-Jul-20	
1994P00385	WEES	1995-Jul-20	ES	95924476.5	0721714	2004-May-06	2015-Jul-20	
1994P00385	WEFR	1995-Jul-20	FR	95924476.5	0721714	2004-May-06	2015-Jul-20	
1994P00385	WEGB	1995-Jul-20	GB	95924476.5	0721714	2004-May-06	2015-Jul-20	
1994P00385	WEIT	1995-Jul-20	IT	95924476.5	0721714	2004-May-06	2015-Jul-20	
1994P00385	WOAU	1995-Jul-20	AU	95-28970	695562	1998-Nov-26	2015-Jul-20	
1994P00385	WOBR	1995-Jul-20	BR	PI9506289.0	PI-9506289.0	2005-Feb-15	2015-Jul-20	
1994P00385	WOCN	1995-Jul-20	CN	95190864.2	95190864.2	2004-Apr-14	2015-Jul-20	
1994P00385	WOCZ	1995-Jul-20	CZ	96-PV892	295328	2005-May-11	2015-Jul-20	
1994P00385	WOHU	1995-Jul-20	HU	P9600767	219941	2001-Jun-22	2015-Jul-20	
1994P00385	WOJP	1995-Jul-20	JP	96-505616	3778932	2006-Mar-10	2015-Jul-20	
1994P00385	WOKR	1995-Jul-20	KR	96-701729	345590	2002-Jul-10	2015-Jul-20	
1994P00385	WOPL	1995-Jul-20	PL	P314230	178432	2000-Apr-28	2015-Jul-20	
1994P00385	WORU	1995-Jul-20	RU	96107894	2144736	2000-Jan-20	2015-Jul-20	
1994P00385	WOSG	1995-Jul-20	SG	9700522.7	36766	1999-Mar-30	2015-Jul-20	
1995P00920	KR RACH Access Request	1996-Oct-18	KR	10-2004-7008268	0492646	2005-May-24	2016-Oct-18	1995-Oct-23
1995P00920	KR01	1996-Oct-18	KR	10-2004-7008269	0492647	2005-May-24	2016-Oct-18	
1995P00920	KR02	1996-Oct-18	KR	10-2004-7008277	0492649	2005-May-24	2016-Oct-18	
1995P00920	TW	1996-Dec-31	TW	85116308	NI-141830	2002-Jan-25	2016-Dec-30	
1995P00920	US	1996-Oct-23	US	08/735633	5917813	1999-Jun-29	2016-Oct-23	
1995P00920	WEDE	1996-Oct-18	DE	96932768.3	69627630.5	2003-Apr-23	2016-Oct-18	
1995P00920	WEDE02	1996-Oct-18	DE	02079530.8	69637980.5	2009-Jul-29	2016-Oct-18	
1995P00920	WEFR	1996-Oct-18	FR	96932768.3	0799533	2003-Apr-23	2016-Oct-18	
1995P00920	WEFR02	1996-Oct-18	FR	02079530.8	1309137	2009-Jul-29	2016-Oct-18	
1995P00920	WEGB	1996-Oct-18	GB	96932768.3	0799533	2003-Apr-23	2016-Oct-18	
1995P00920	WEGB02	1996-Oct-18	GB	02079530.8	1309137	2009-Jul-29	2016-Oct-18	
1995P00920	WEIT	1996-Oct-18	IT	96932768.3	0799533	2003-Apr-23	2016-Oct-18	
1995P00920	WEIT02	1996-Oct-18	IT	02079530.8	1309137	2009-Jul-29	2016-Oct-18	
1995P00920	WOCN	1996-Oct-18	CN	96192036.X	96192036.X	2003-Apr-30	2016-Oct-18	
1995P00920	WOJP	1996-Oct-18	JP	97-516431	3775605	2006-Mar-03	2016-Oct-18	
1995P00920	WOKR	1996-Oct-18	KR	97-704296	0500174	2005-Jun-30	2016-Oct-18	
1995P00920	WOSG	1996-Oct-18	SG	9704649.4	45728	2000-May-23	2016-Oct-18	

Internal reference	Title	Filing date	Country	Application	Grant	Grant date	Expiry Date	Priority date
1995P01131	TW Mixed Voice and Data	1996-Nov-13	TW	85113880	094327	1998-Aug-31	2016-Nov-13	1995-Nov-20
1995P01131	US Communication	1996-Nov-15	US	08/749433	5892794	1999-Apr-06	2016-Nov-15	
1995P01131WEDE		1996-Nov-05	DE	96935222.8	69632575.6	2004-May-26	2016-Nov-05	
1995P01131WEFR		1996-Nov-05	FR	96935222.8	0804859	2004-May-26	2016-Nov-05	
1995P01131WEGB		1996-Nov-05	GB	96935222.8	0804859	2004-May-26	2016-Nov-05	
1995P01131WOCN		1996-Nov-05	CN	96191498.X	96191498.X	2004-Jan-14	2016-Nov-05	
1995P01131WOJP		1996-Nov-05	JP	97-519532	3801209	2006-May-12	2016-Nov-05	
1995P01131WOKR		1996-Nov-05	KR	10-1997-0704864	0463279	2004-Dec-15	2016-Nov-05	
1995P01131WOSG		1996-Nov-05	SG	9703116.5	43589	2002-Feb-02	2016-Nov-05	
1995P00590	TW Cell Search Procedure	1996-Nov-27	TW	85114624	NI-100388	1999-May-21	2016-Nov-27	1995-Dec-15
1995P00590	US	1996-Nov-21	US	08/754663	5881092	1999-Mar-09	2016-Nov-21	
1995P00590WEDE		1996-Nov-25	DE	96937464.4	69631954.3	2004-Mar-24	2016-Nov-25	
1995P00590WEFR		1996-Nov-25	FR	96937464.4	0809892	2004-Mar-24	2016-Nov-25	
1995P00590WEGB		1996-Nov-25	GB	96937464.4	0809892	2004-Mar-24	2016-Nov-25	
1995P00590WOCN		1996-Nov-25	CN	96193083.7	96193083.7	2002-Dec-25	2016-Nov-25	
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1995P00590WOKR		1996-Nov-25	KR	97-705609	0463463	2004-Dec-16	2016-Nov-25	
1998P01107	JP01 Adaptive Multi-Rate	1999-May-25	JP	2011-003741	5150739	2012-Dec-07	2019-May-25	1998-May-26
1998P01107	KR Speech Service	1999-May-25	KR	10-2005-7025506	10-0753087	2007-Aug-22	2019-May-25	
1998P01107	TW	1998-May-29	TW	87108464	114463	2000-Aug-30	2018-May-29	
1998P01107	US	1999-May-24	US	09/316996	6460158	2002-Oct-01	2019-May-24	
1998P01107	US01	2002-Jul-22	US	10/200983	6643817	2003-Nov-04	2019-May-24	
1998P01107WEDE		1999-May-25	DE	99919484.8	69932482.3	2006-Jul-26	2019-May-25	
1998P01107WEFR		1999-May-25	FR	99919484.8	1000468	2006-Jul-26	2019-May-25	
1998P01107WEGB		1999-May-25	GB	99919484.8	1000468	2006-Jul-26	2019-May-25	
1998P01107WOCN		1999-May-25	CN	99800832.X	99800832.X	2004-Mar-24	2019-May-25	
1998P01107WOIN		1999-May-25	IN	IN/PCT/00/00008	211145	2007-Oct-17	2019-May-25	
1998P01107WOKR		1999-May-25	KR	10-2000-7000819	10-0714860	2007-Apr-27	2019-May-25	
1998P01107WOSG		1999-May-25	SG	200000370.7	70539	2003-Dec-31	2019-May-25	
1998P00259	TW Channel Sharing System	1999-Jun-21	TW	88110320	NI-129187	2001-Jul-18	2019-Jun-21	1998-Jun-23
1998P00259	US	1999-Jun-18	US	09/335608	7403514	2008-Jul-22	2019-Jun-18	
1998P00259WEDE		1999-Jun-07	DE	99922423.1	69941676.0	2009-Nov-25	2019-Jun-07	
1998P00259WEFR		1999-Jun-07	FR	99922423.1	1034642	2009-Nov-25	2019-Jun-07	
1998P00259WEGB		1999-Jun-07	GB	99922423.1	1034642	2009-Nov-25	2019-Jun-07	
1998P00259WEIT		1999-Jun-07	IT	99922423.1	1034642	2009-Nov-25	2019-Jun-07	
1998P00259WOCN		1999-Jun-07	CN	99800991.1	99800991.1	2003-Oct-01	2019-Jun-07	
1998P00259WOKR		1999-Jun-07	KR	10-2000-7001744	10-0642212	2006-Oct-27	2019-Jun-07	
1998P00259WOSG		1999-Jun-07	SG	200000886.2	71282	2003-Dec-31	2019-Jun-07	
1998P00328	CN Rate Matching	1999-Jul-02	CN	200410039994.4	200410039994.4	2008-Oct-01	2019-Jul-02	1998-Jul-10
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1998P00328	JP	1999-Jul-02	JP	06-180594	3894946	2006-Dec-22	2019-Jul-02	
1998P00328	JP01	1999-Jul-02	JP	06-180595	3894947	2006-Dec-22	2019-Jul-02	
1998P00328	KR	1999-Jul-02	KR	10-2004-7010434	0533592	2005-Nov-29	2019-Jul-02	
1998P00328	KR01	1999-Jul-02	KR	10-2004-7010435	0533594	2005-Nov-29	2019-Jul-02	
1998P00328	TW	1999-Jul-23	TW	88112536	NI-138892	2001-Dec-13	2019-Jul-23	
1998P00328	US	1999-Jul-07	US	09/348958	6671851	2003-Dec-30	2019-Jul-07	
1998P00328WEDE		1999-Jul-02	DE	99936484.7	69908293.5	2003-May-28	2019-Jul-02	
1998P00328WEDE01		1999-Jul-02	DE	02075866.0	69922707.0	2004-Dec-15	2019-Jul-02	
1998P00328WEDE02		1999-Jul-02	DE	02075865.2	69916903.8	2004-Apr-28	2019-Jul-02	
1998P00328WEFR		1999-Jul-02	FR	99936484.7	1044508	2003-May-28	2019-Jul-02	
1998P00328WEFR01		1999-Jul-02	FR	02075866.0	1227596	2004-Dec-15	2019-Jul-02	
1998P00328WEFR02		1999-Jul-02	FR	02075865.2	1241796	2004-Apr-28	2019-Jul-02	
1998P00328WEGB		1999-Jul-02	GB	99936484.7	1044508	2003-May-28	2019-Jul-02	
1998P00328WEGB01		1999-Jul-02	GB	02075866.0	1227596	2004-Dec-15	2019-Jul-02	
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1998P00328WEIT		1999-Jul-02	IT	99936484.7	1044508	2003-May-28	2019-Jul-02	
1998P00328WEIT01		1999-Jul-02	IT	02075866.0	1227596	2004-Dec-15	2019-Jul-02	
1998P00328WEIT02		1999-Jul-02	IT	02075865.2	1241796	2004-Apr-28	2019-Jul-02	
1998P00328WOCN		1999-Jul-02	CN	99801105.3	99801105.3	2004-Aug-11	2019-Jul-22	
1998P00328WOJP		1999-Jul-02	JP	00-559644	3897982	2007-Jan-05	2019-Jul-02	
1998P00328WOKR		1999-Jul-02	KR	10-2000-7002403	10-0561933	2006-Mar-10	2019-Jul-02	
1998P00328WOSG		1999-Jul-02	SG	200001234.4	71522	2003-Jun-30	2019-Jul-02	
1998P00713	CN Power Control for	1999-Sep-20	CN	200410063804.2	200410063804.2	2007-Dec-05	2019-Sep-20	1998-Oct-28
1998P00713	HK Random Access	2005-Apr-13	HK	05103149.9	HK1070495	2008-Jul-18	2019-Sep-20	
1998P00713	KR	1999-Sep-20	KR	10-2004-7014548	10-0697711	2007-Mar-14	2019-Sep-20	
1998P00713	TW	1999-Sep-23	TW	88116373	NI-153285	2002-Jul-26	2019-Sep-23	
1998P00713	US	1999-Oct-20	US	09/421645	6678529	2004-Jan-13	2019-Oct-20	
1998P00713	US01	2003-Dec-05	US	10/729250	7177660	2007-Feb-13	2019-Oct-20	
1998P00713	US02	2003-Dec-05	US	10/729249	7174183	2007-Feb-06	2019-Oct-20	
1998P00713	US03	2003-Dec-05	US	11/670814	8233936	2012-Jul-31	2019-Oct-20	
1998P00713WEDE		1999-Sep-20	DE	99971169.0	69935706.3	2007-Apr-04	2019-Sep-20	
1998P00713WEFR		1999-Sep-20	FR	99971169.0	1044514	2007-Apr-04	2019-Sep-20	
1998P00713WEGB		1999-Sep-20	GB	99971169.0	1044514	2007-Apr-04	2019-Sep-20	
1998P00713WEIT		1999-Sep-20	IT	99971169.0	1044514	2007-Apr-04	2019-Sep-20	
1998P00713WOCN		1999-Sep-20	CN	99803381.2	99803381.2	2005-Feb-09	2019-Sep-20	
1998P00713WOJP		1999-Sep-20	JP	00-578925	4271374	2009-Mar-06	2019-Sep-20	
1998P00713WOKR		1999-Sep-20	KR	10-2000-7007170	10-0695810	2007-Mar-09	2019-Sep-20	

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1998P00298 TW	Multiple Downlink	1999-Oct-14	TW	88117798	NI-131493	2001-Aug-28	2019-Oct-14	1998-Oct-29
1998P00298 US	Scrambling Codes	1999-Oct-20	US	09/421644	6535495	2003-Mar-18	2019-Oct-20	
1998P00298 US01		2005-Feb-22	US	11/063224	RE43384	2012-May-15	2019-Oct-20	
1998P00298WEDE		1999-Oct-05	DE	99952529.8	69935309.2	2007-Feb-28	2019-Oct-05	
1998P00298WEFR		1999-Oct-05	FR	99952529.8	1044519	2007-Feb-28	2019-Oct-05	
1998P00298WEGB		1999-Oct-05	GB	99952529.8	1044519	2007-Feb-28	2019-Oct-05	
1998P00298WEIT		1999-Oct-05	IT	99952529.8	1044519	2007-Feb-28	2019-Oct-05	
1998P00298WOCN		1999-Oct-05	CN	99803437.1	99803437.1	2003-Aug-06	2019-Oct-05	
1998P00298WOJP		1999-Oct-05	JP	00-580318	4248150	2009-Jan-23	2019-Oct-05	
1998P00298WOKR		1999-Oct-05	KR	10-2000-7007167	10-0717634	2007-May-07	2019-Oct-05	
1999P00250 TW	Power Control Preamble	1999-Dec-30	TW	088123336	NI-144491	2002-Mar-07	2019-Dec-30	1999-Jan-16
1999P00250 TW01		1999-Dec-30	TW	090110650	NI-168393	2003-Apr-16	2019-Dec-30	1999-May-20
1999P00250 US		2000-Jan-06	US	09/478467	7089028	2006-Aug-08	2021-Aug-25	1999-Jul-02
1999P00250WEDE		1999-Dec-24	DE	99964682.1	69935715.2	2007-Apr-04	2019-Dec-24	1999-Sep-24
1999P00250WEFR		1999-Dec-24	FR	99964682.1	1062743	2007-Apr-04	2019-Dec-24	
1999P00250WEGB		1999-Dec-24	GB	99964682.1	1062743	2007-Apr-04	2019-Dec-24	
1999P00250WEIT		1999-Dec-24	IT	99964682.1	1062743	2007-Apr-04	2019-Dec-24	
1999P00250WOCN		1999-Dec-24	CN	99806254.5	99806254.5	2004-Jan-21	2019-Dec-24	
1999P00250WOJP		1999-Dec-24	JP	00-594206	4480277	2010-Mar-26	2019-Dec-24	
1999P00250WOKR		1999-Dec-24	KR	10-2000-7010140	10-0698969	2007-Mar-16	2019-Dec-24	
1999P00441 US	Variable Power Control	2000-Jan-06	US	09/478838	6738640	2004-May-18	2020-Jan-06	1999-Jan-16
1999P00441WEDE	Step Size	1999-Dec-24	DE	99969233.8	69933654.6	2006-Oct-18	2019-Dec-24	1999-May-20
1999P00441WEFR		1999-Dec-24	FR	99969233.8	1062745	2006-Oct-18	2019-Dec-24	1999-Jul-02
1999P00441WEGB		1999-Dec-24	GB	99969233.8	1062745	2006-Oct-18	2019-Dec-24	1999-Sep-24
1999P00441WEIT		1999-Dec-24	IT	99969233.8	1062745	2006-Oct-18	2019-Dec-24	
1999P00441WOCN		1999-Dec-24	CN	99806219.7	99806219.7	2009-Feb-04	2019-Dec-24	
1999P00441WOJP		1999-Dec-24	JP	00-593091	4508427	2010-May-14	2019-Dec-24	
1999P00441WOKR		1999-Dec-24	KR	10-2000-7010138	10-0697705	2007-Mar-14	2019-Dec-24	
1999P00529 TW	Compressed Mode	1999-Dec-29	TW	088123207	149781	2002-May-23	2019-Dec-29	1999-Jan-16
1999P00529 US	Power Control	2000-Jan-06	US	09/478475	6754505	2004-Jun-22	2020-Jan-06	1999-May-20
1999P00529 US01		2004-Jun-17	US	10/871887	8195216	2012-Jun-05	2020-Feb-02	1999-Jul-02
1999P00529WEDE		1999-Dec-24	DE	99965566.5	69934577.4	2006-Dec-27	2019-Dec-24	1999-Sep-24
1999P00529WEFR		1999-Dec-24	FR	99965566.5	1062744	2006-Dec-27	2019-Dec-24	
1999P00529WEGB		1999-Dec-24	GB	99965566.5	1062744	2006-Dec-27	2019-Dec-24	
1999P00529WEIT		1999-Dec-24	IT	99965566.5	1062744	2006-Dec-27	2019-Dec-24	
1999P00529WOCN		1999-Dec-24	CN	99806205.7	99806205.7	2005-Apr-27	2019-Dec-24	
1999P00529WOIN		1999-Dec-24	IN	IN/PCT/00/00397	211041	2007-Oct-16	2019-Dec-24	
1999P00529WOJP		1999-Dec-24	JP	00-594207	4771593	2011-Jul-01	2019-Dec-24	
1999P00529WOKR		1999-Dec-24	KR	10-2000-7010141	10-0736755	2007-Jul-02	2019-Dec-24	
1999P01844 US	Wideband Speech Codec	2000-Nov-13	US	09/710916	6772114	2004-Aug-03	2022-Feb-11	1999-Nov-16
1999P01844WEDE		2000-Oct-19	DE	00975894.7	60019268.7	2005-Apr-06	2020-Oct-19	
1999P01844WEFR		2000-Oct-19	FR	00975894.7	1147514	2005-Apr-06	2020-Oct-19	
1999P01844WEGB		2000-Oct-19	GB	00975894.7	1147514	2005-Apr-06	2020-Oct-19	
1999P01844WOCN		2000-Oct-19	CN	00802758.7	00802758.7	2005-Mar-09	2020-Oct-19	
1999P01844WOJP		2000-Oct-19	JP	01-537725	5220254	2013-Mar-15	2020-Oct-19	
1999P01844WOKR		2000-Oct-19	KR	10-2001-7008931	10-0675309	2007-Jan-22	2020-Oct-19	
1999P01063 CN	RACH Access Request	2000-Apr-18	CN	03147667.8	03147667.8	2006-Jan-25	2020-Apr-18	1999-May-07
1999P01063 CN01		2000-Apr-18	CN	03147666.X	03147666.X	2005-Dec-21	2020-Apr-18	
1999P01063 CN02		2000-Apr-18	CN	03147665.1	03147665.1	2006-Jan-25	2020-Apr-18	
1999P01063 IN		2000-Apr-18	IN	03534/CHENP/05	230722	2009-Feb-27	2020-Apr-18	
1999P01063 IN01		2000-Apr-18	IN	03535/CHENP/05	237175	2009-Dec-09	2020-Apr-18	
1999P01063 IN02		2000-Apr-18	IN	03536/CHENP/05	237830	2010-Jan-08	2020-Apr-18	
1999P01063 TW		2000-Feb-21	TW	089102950	164433	2003-Feb-24	2020-Feb-21	
1999P01063 US		2000-May-04	US	09/564615	6804206	2004-Oct-12	2020-May-04	
1999P01063WEDE		2000-Apr-18	DE	00931074.9	60037862.4	2008-Jan-23	2020-Apr-18	
1999P01063WEFR		2000-Apr-18	FR	00931074.9	1095532	2008-Jan-23	2020-Apr-18	
1999P01063WEGB		2000-Apr-18	GB	00931074.9	1095532	2008-Jan-23	2020-Apr-18	
1999P01063WEIT		2000-Apr-18	IT	00931074.9	1095532	2008-Jan-23	2020-Apr-18	
1999P01063WOCN		2000-Apr-18	CN	00800794.2	00800794.2	2004-Apr-07	2020-Apr-18	
1999P01063WOIN		2000-Apr-18	IN	2001/00026/CHE	224628	2008-Oct-21	2020-Apr-18	
1999P01063WOJP		2000-Apr-18	JP	00-617678	5173091	2013-Jan-11	2020-Apr-18	
1999P01063WOKR		2000-Apr-18	KR	10-2001-7000076	10-0693930	2007-Mar-06	2020-Apr-18	
1999P00772 TW	Emulation of Small	2000-May-10	TW	089108913	148852	2002-May-08	2020-May-10	1999-May-26
1999P00772 US	Power Control Steps	2000-May-16	US	09/571457	6611690	2003-Aug-26	2020-May-16	1999-Jul-02
1999P00772 US01		2003-Jun-25	US	10/603706	7606589	2009-Oct-20	2023-Oct-28	
1999P00772 US02		2003-Jun-25	US	12/581260	8433358	2013-Apr-30	2020-May-16	
1999P00772WEDE		2000-May-08	DE	00925274.3	60043685.3	2010-Jan-13	2020-May-08	
1999P00772WEFR		2000-May-08	FR	00925274.3	1101292	2010-Jan-13	2020-May-08	
1999P00772WEGB		2000-May-08	GB	00925274.3	1101292	2010-Jan-13	2020-May-08	
1999P00772WEIT		2000-May-08	IT	00925274.3	1101292	2010-Jan-13	2020-May-08	
1999P00772WOCN		2000-May-08	CN	00801307.1	00801307.1	2005-Jan-05	2020-May-08	
1999P00772WOIN		2000-May-08	IN	IN/PCT/01/00120	221703	2008-Jul-01	2020-May-08	
1999P00772WOJP		2000-May-08	JP	01-500454	4033674	2007-Nov-02	2020-May-08	
1999P00772WOKR		2000-May-08	KR	10-2001-7000944	10-0698467	2007-Mar-15	2020-May-08	

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1999P00744	TW Emulation of	2000-May-31	TW	089110576	NI-158111	2002-Oct-17	2020-May-31	1999-May-26
1999P00744	US Unsupported Power	2000-May-22	US	09/575610	6556838	2003-Apr-29	2020-May-22	1999-Jul-02
1999P00744	US01 Control Steps	2003-Apr-21	US	10/420679	6826412	2004-Nov-30	2020-May-22	2000-May-09
1999P00744	WEDE	2000-May-19	DE	00938666.5	60045236.0	2010-Nov-17	2020-May-19	
1999P00744	WEFR	2000-May-19	FR	00938666.5	1101293	2010-Nov-17	2020-May-19	
1999P00744	WEGB	2000-May-19	GB	00938666.5	1101293	2010-Nov-17	2020-May-19	
1999P00744	WEIT	2000-May-19	IT	00938666.5	1101293	2010-Nov-17	2020-May-19	
1999P00744	WOCN	2000-May-19	CN	00801463.9	00801463.9	2004-Feb-18	2020-May-19	
1999P00744	WOIN	2000-May-19	IN	IN/PCT/01/00121	216416	2008-Mar-13	2020-May-19	
1999P00744	WOJP	2000-May-19	JP	01-500455	3960799	2007-May-25	2020-May-19	
1999P00744	WOKR	2000-May-19	KR	10-2001-7000945	10-0665589	2006-Dec-29	2020-May-19	
1999P00481	CN CPCH Status Indicator	2000-Jul-24	CN	200410048974.3	200410048974.3	2007-Mar-07	2013-Jul-24	1999-Aug-03
1999P00481	CN01 Channel	2000-Jul-24	CN	200410048975.8	200410048975.8	2008-Apr-09	2013-Jul-24	1999-Sep-14
1999P00481	IN	2000-Jul-24	IN	2923/CHENP/2005	228941	2009-Feb-13	2013-Jul-24	
1999P00481	IN01	2000-Jul-24	IN	2924/CHENP/05	229766	2009-Feb-20	2013-Jul-24	
1999P00481	TW	2000-Feb-29	TW	089103483	NI-183882	2003-Dec-17	2013-Feb-28	
1999P00481	US	2000-Aug-02	US	09/630896	8228939	2012-Jul-24	2016-Jul-24	
1999P00481	WEDE	2000-Jul-24	DE	00956300.8	60037637.0	2008-Jan-02	2013-Jul-24	
1999P00481	WEFR	2000-Jul-24	FR	00956300.8	1121823	2008-Jan-02	2013-Jul-24	
1999P00481	WEGB	2000-Jul-24	GB	00956300.8	1121823	2008-Jan-02	2013-Jul-24	
1999P00481	WEIT	2000-Jul-24	IT	00956300.8	1121823	2008-Jan-02	2013-Jul-24	
1999P00481	WOCN	2000-Jul-24	CN	00802141.4	00802141.4	2005-Apr-06	2013-Jul-24	
1999P00481	WOIN	2000-Jul-24	IN	IN/PCT/01/00470	215997	2008-Mar-05	2013-Jul-24	
1999P00481	WOJP	2000-Jul-24	JP	01-513925	4446642	2010-Jan-29	2013-Jul-24	
1999P00724	US CPCH Access with	2000-Aug-02	US	09/631353	6907015	2005-Jun-14	2022-Aug-24	1999-Aug-03
1999P00724	WEDE Channel Assignment	2000-Jul-21	DE	00945942.1	60027685.6	2006-May-03	2020-Jul-21	2000-Jan-07
1999P00724	WEFR	2000-Jul-21	FR	00945942.1	1118236	2006-May-03	2020-Jul-21	
1999P00724	WEGB	2000-Jul-21	GB	00945942.1	1118236	2006-May-03	2020-Jul-21	
1999P00724	WEIT	2000-Jul-21	IT	00945942.1	1118236	2006-May-03	2020-Jul-21	
1999P00724	WOCN	2000-Jul-21	CN	00802150.3	00802150.3	2004-Apr-21	2020-Jul-21	
1999P00724	WOIN	2000-Jul-21	IN	IN/PCT/01/00469	201793	2006-Aug-29	2020-Jul-21	
1999P00724	WOJP	2000-Jul-21	JP	01-513924	4446641	2010-Jan-29	2020-Jul-21	
1999P00724	WOKR	2000-Jul-21	KR	10-2001-7004169	10-0723986	2007-May-25	2020-Jul-21	
2001P00784	JP ACK/NACK Power	2002-Oct-15	JP	09-112044	5000681	2012-May-25	2022-Oct-15	2001-Oct-19
2001P00784	TW Offset for HSDPA	2002-Oct-21	TW	091124179	NI-202834	2004-Sep-24	2022-Oct-21	2001-Nov-05
2001P00784	US	2002-Sep-23	US	10/252981	7379434	2008-May-27	2025-Aug-11	
2001P00784	WEAT	2002-Oct-15	AT	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WEBE	2002-Oct-15	BE	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WEBG	2002-Oct-15	BG	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WECH	2002-Oct-15	CH	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WECY	2002-Oct-15	CY	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WECZ	2002-Oct-15	CZ	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WEDE	2002-Oct-15	DE	02775087.6	60242895.5	2012-May-09	2022-Oct-15	
2001P00784	WEDK	2002-Oct-15	DK	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WEDE	2002-Oct-15	EE	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WEES	2002-Oct-15	ES	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WEFI	2002-Oct-15	FI	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WEFR	2002-Oct-15	FR	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WEGB	2002-Oct-15	GB	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WEGR	2002-Oct-15	GR	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WEIE	2002-Oct-15	IE	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WEIT	2002-Oct-15	IT	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WELI	2002-Oct-15	LI	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WELU	2002-Oct-15	LU	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WEMC	2002-Oct-15	MC	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WENL	2002-Oct-15	NL	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WEPT	2002-Oct-15	PT	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WESE	2002-Oct-15	SE	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WESK	2002-Oct-15	SK	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WETR	2002-Oct-15	TR	02775087.6	1440525	2012-May-09	2022-Oct-15	
2001P00784	WOCN	2002-Oct-15	CN	02820678.9	02820678.9	2008-Apr-02	2022-Oct-15	
2001P00784	WOJP	2002-Oct-15	JP	03-537216	4782377	2011-Jul-15	2022-Oct-15	
2001P00784	WOKR	2002-Oct-15	KR	10-2004-7005802	10-0978014	2010-Aug-19	2022-Oct-15	

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2001P00990 JP	HARQ Postamble	2002-Oct-02	JP	09-094166	4898864	2012-Jan-06	2022-Oct-02	2001-Nov-16
2001P00990 US		2002-Oct-10	US	10/268471	7124343	2006-Oct-17	2024-Jan-31	2001-Nov-30
2001P00990WOCN		2002-Oct-02	CN	02822633.X	02822633.X	2012-Jul-11	2022-Oct-02	2002-Apr-03
2001P00990WOJP		2002-Oct-02	JP	03-544931	4372549	2009-Sep-11	2022-Oct-02	
2001P00990WOKR		2002-Oct-02	KR	10-2004-7007350	10-0942996	2010-Feb-10	2022-Oct-02	
2002P00568 AU	HARQ Preamble	2003-Jul-29	AU	2003249437	2003249437	2008-Sep-08	2023-Jul-29	2002-Aug-13
2002P00568 CA		2003-Jul-29	CA	2495074	2495074	2012-Jul-10	2023-Jul-29	2002-Aug-16
2002P00568 ID		2003-Jul-29	ID	W-00 2005 00347	ID0021650	2008-Jul-28	2023-Jul-29	
2002P00568 IN		2003-Jul-29	IN	165/CHENP/2005	220970	2008-Jun-11	2023-Jul-29	
2002P00568 JP		2003-Jul-29	JP	10-260230	5160624	2012-Dec-21	2023-Jul-29	
2002P00568 MX		2003-Jul-29	MX	PAA/2005/001626	261895	2008-Nov-04	2023-Jul-29	
2002P00568 RU		2003-Jul-29	RU	2005106865	2328827	2008-Jul-10	2023-Jul-29	
2002P00568 US01		2012-May-10	US	13/645916	9025548	2015-May-05	2024-Mar-02	
2002P00568 US02		2015-Mar-16	US	14/658985	9853778	2017-Dec-26	2024-Jan-25	
2002P00568 ZA		2003-Jul-29	ZA	2005/01222	2005/01222	2006-Jul-26	2023-Jul-29	
2002P00568WEAT		2003-Jul-29	AT	03784367.9	E527772	2011-Oct-05	2023-Jul-29	
2002P00568WEBE		2003-Jul-29	BE	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WEBG		2003-Jul-29	BG	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WECH		2003-Jul-29	CH	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WECY		2003-Jul-29	CY	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WECZ		2003-Jul-29	CZ	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WEDE		2003-Jul-29	DE	03784367.9	6038670.9	2011-Oct-05	2023-Jul-29	
2002P00568WEDK		2003-Jul-29	DK	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WEEE		2003-Jul-29	EE	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WEES		2003-Jul-29	ES	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WEFI		2003-Jul-29	FI	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WEFR		2003-Jul-29	FR	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WEGB		2003-Jul-29	GB	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WEGR		2003-Jul-29	GR	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WEHU		2003-Jul-29	HU	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WEIE		2003-Jul-29	IE	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WEIT		2003-Jul-29	IT	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WELU		2003-Jul-29	LU	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WEMC		2003-Jul-29	MC	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WENL		2003-Jul-29	NL	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WEPT		2003-Jul-29	PT	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WERO		2003-Jul-29	RO	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WESE		2003-Jul-29	SE	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WESI		2003-Jul-29	SI	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WESK		2003-Jul-29	SK	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WETR		2003-Jul-29	TR	03784367.9	1530844	2011-Oct-05	2023-Jul-29	
2002P00568WOCN		2003-Jul-29	CN	03819219.5	03819219.5	2008-Oct-01	2023-Jul-29	
2002P00568WOUS		2003-Jul-29	US	10/523940	8315210	2012-Nov-20	2027-May-08	

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2003P00853 US	Fractional Dedicated	2015-Apr-01	US	14/676153	9277507	2016-Mar-01	2024-Nov-09	2003-Nov-12
2003P00853 US01	Channel	2016-Feb-29	US	15/055719	10412686	2019-Sep-10	2025-Apr-22	
2003P00853WEAT		2004-Nov-09	AT	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WEBE		2004-Nov-09	BE	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WEBG		2004-Nov-09	BG	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WECH		2004-Nov-09	CH	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WECY		2004-Nov-09	CY	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WECZ		2004-Nov-09	CZ	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WEDE		2004-Nov-09	DE	04799088.2	602004009340.8	2007-Oct-03	2024-Nov-09	
2003P00853WEDK		2004-Nov-09	DK	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WEEE		2004-Nov-09	EE	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WEES		2004-Nov-09	ES	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WEFI		2004-Nov-09	FI	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WEFR		2004-Nov-09	FR	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WEGR		2004-Nov-09	GR	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WEHU		2004-Nov-09	HU	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WEIE		2004-Nov-09	IE	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WEIT		2004-Nov-09	IT	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WELU		2004-Nov-09	LU	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WEMC		2004-Nov-09	MC	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WEPL		2004-Nov-09	PL	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WEPT		2004-Nov-09	PT	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WERO		2004-Nov-09	RO	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WESE		2004-Nov-09	SE	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WESI		2004-Nov-09	SI	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WESK		2004-Nov-09	SK	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WETR		2004-Nov-09	TR	04799088.2	1685659	2007-Oct-03	2024-Nov-09	
2003P00853WOAU		2004-Nov-09	AU	2004310240	2004310240	2006-Jun-08	2024-Nov-09	
2003P00853WOBR		2004-Nov-09	BR	PI 0410152-9	PI 0410152-9	2018-Jun-05	2028-Jun-05	
2003P00853WOCA		2004-Nov-09	CA	2525060	2525060	2011-Jan-11	2024-Nov-09	
2003P00853WOCN		2004-Nov-09	CN	200480014762.1	200480014762.1	2009-Dec-23	2024-Nov-09	
2003P00853WOID		2004-Nov-09	ID	W-00 2005 03328	ID P 0024823 B	2009-Dec-23	2024-Nov-09	
2003P00853WOIN		2004-Nov-09	IN	163/CHENP/2006	271866	2016-Mar-08	2024-Nov-09	
2003P00853WOJP		2004-Nov-09	JP	06-508482	4018738	2007-Sep-28	2024-Nov-09	
2003P00853WOKR		2004-Nov-09	KR	2005-7023524	722013	2007-May-18	2024-Nov-09	
2003P00853WOMX		2004-Nov-09	MX	PA/A/05/012108	254602	2008-Feb-13	2024-Nov-09	
2003P00853WORU		2004-Nov-09	RU	2005135434	2310987	2007-Nov-20	2024-Nov-09	
2003P00853WOUS		2004-Nov-09	US	10/554376	9185663	2015-Nov-10	2024-Nov-09	
2003P00296 TW	Scaling of E-DPDC	2004-Apr-30	TW	093112319	1357276	2012-Jan-21	2024-Apr-30	2003-May-03
2003P00296WEAT	Gain Factors	2004-Apr-20	AT	04728378.3	E356473	2007-Mar-07	2024-Apr-20	
2003P00296WEBE		2004-Apr-20	BE	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WEBG		2004-Apr-20	BG	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WECH		2004-Apr-20	CH	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WECY		2004-Apr-20	CY	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WECZ		2004-Apr-20	CZ	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WEDE		2004-Apr-20	DE	04728378.3	602004005179.9	2007-Mar-07	2024-Apr-20	
2003P00296WEDK		2004-Apr-20	DK	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WEEE		2004-Apr-20	EE	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WEES		2004-Apr-20	ES	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WEFI		2004-Apr-20	FI	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WEFR		2004-Apr-20	FR	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WEGB		2004-Apr-20	GB	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WEGR		2004-Apr-20	GR	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WEHU		2004-Apr-20	HU	04728378.3	E001728	2007-Mar-07	2024-Apr-20	
2003P00296WEIE		2004-Apr-20	IE	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WEIT		2004-Apr-20	IT	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WELU		2004-Apr-20	LU	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WEMC		2004-Apr-20	MC	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WENL		2004-Apr-20	NL	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WEPL		2004-Apr-20	PL	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WEPT		2004-Apr-20	PT	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WERO		2004-Apr-20	RO	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WESE		2004-Apr-20	SE	04728378.3	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WESI		2004-Apr-20	SI	P200430321	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WETR		2004-Apr-20	TR	2007/03585	1623511	2007-Mar-07	2024-Apr-20	
2003P00296WOAU		2004-Apr-20	AU	2004237463	2004237463	2008-Oct-02	2024-Apr-20	
2003P00296WOBR		2004-Apr-20	BR	PI 0409908-7	PI0409908-7	2017-Dec-05	2027-Dec-05	
2003P00296WOCA		2004-Apr-20	CA	2524516	2524516	2008-Jun-17	2024-Apr-20	
2003P00296WOCN		2004-Apr-20	CN	200480011939.2	200480011939.2	2010-Sep-29	2024-Apr-20	
2003P00296WOID		2004-Apr-20	ID	W-00 2005 02942	W-09-0023020	2009-Mar-16	2024-Apr-20	
2003P00296WOIN		2004-Apr-20	IN	2855/CHENP/2005	228133	2009-Jan-28	2024-Apr-20	
2003P00296WOJP		2004-Apr-20	JP	06-506550	3980049	2007-Jul-06	2024-Apr-20	
2003P00296WOKR		2004-Apr-20	KR	2005-7020877	1085993	2011-Nov-22	2024-Apr-20	
2003P00296WOMX		2004-Apr-20	MX	05/011790	254603	2008-Feb-13	2024-Apr-20	
2003P00296WOPH		2004-Apr-20	PH	1-2005-501964	1-2005-501964	2009-Sep-30	2024-Apr-20	
2003P00296WORU		2004-Apr-20	RU	2005137694	2321948	2008-Apr-10	2024-Apr-20	
2003P00296WOSG		2004-Apr-20	SG	200506898.6	116387	2007-Oct-31	2024-Apr-20	
2003P00296WOUA		2004-Apr-20	UA	2005 10352	86933	2009-Jun-10	2024-Apr-20	
2003P00296WOUS		2004-Apr-20	US	10/555018	8134929	2012-Mar-13	2026-Sep-10	
2003P00296WOVN		2004-Apr-20	VN	1-2005-01778	6710	2007-Nov-19	2024-Apr-20	
2003P00296WOZA		2004-Apr-20	ZA	2005/08893	2005/08893	2007-Mar-28	2024-Apr-20	

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2003P00580	TW Scaling of Output Power	2004-Aug-06	TW	093123727	1455506	2014-Oct-01	2024-Aug-06	2003-Aug-11
2003P00580WEDE	for ACK/NACK	2004-Aug-04	DE	04744263.7	602004019788.2	2009-Mar-04	2024-Aug-04	2004-May-14
2003P00580WEES	Transmission	2004-Aug-04	ES	04744263.7	1656746	2009-Mar-04	2024-Aug-04	
2003P00580WEFR		2004-Aug-04	FR	04744263.7	1656746	2009-Mar-04	2024-Aug-04	
2003P00580WEGB		2004-Aug-04	GB	04744263.7	1656746	2009-Mar-04	2024-Aug-04	
2003P00580WEIT		2004-Aug-04	IT	04744263.7	1656746	2009-Mar-04	2024-Aug-04	
2003P00580WENL		2004-Aug-04	NL	04744263.7	1656746	2009-Mar-04	2024-Aug-04	
2003P00580WEPL		2004-Aug-04	PL	04744263.7	1656746	2009-Mar-04	2024-Aug-04	
2003P00580WERO		2004-Aug-04	RO	04744263.7	1656746	2009-Mar-04	2024-Aug-04	
2003P00580WETR		2004-Aug-04	TR	04744263.7	2009/03697	2009-Mar-04	2024-Aug-04	
2003P00580WOCN		2004-Aug-04	CN	200480022927.X	200480022927.X	2012-Jan-11	2024-Aug-04	
2003P00580WOJP		2004-Aug-04	JP	2006-523078	4543037	2010-Jul-02	2024-Aug-04	
2003P00580WOKR		2004-Aug-04	KR	2006-7002792	1160604	2012-Jun-21	2024-Aug-04	
2003P00580WOUS		2004-Aug-04	US	10/567042	7831271	2010-Nov-09	2027-Sep-30	
2004P02616	AR MAC PDU Multiplexing	2005-Nov-10	AR	P050104728	AR080753	2013-Feb-27	2025-Nov-10	2004-Nov-11
2004P02616	MY	2005-Nov-08	MY	PI 20055240	MY-140449-A	2009-Dec-31	2025-Nov-08	
2004P02616	TW	2005-Nov-08	TW	094139165	1393387	2013-Apr-11	2025-Nov-08	
2004P02616WEES		2005-Nov-04	ES	05799607.6	1815647	2009-Aug-12	2025-Nov-04	
2004P02616WEFR		2005-Nov-04	FR	05799607.6	1815647	2009-Aug-12	2025-Nov-04	
2004P02616WEGB		2005-Nov-04	GB	05799607.6	1815647	2009-Aug-12	2025-Nov-04	
2004P02616WEIT		2005-Nov-04	IT	05799607.6	1815647	2009-Aug-12	2025-Nov-04	
2004P02616WEPL		2005-Nov-04	PL	05799607.6	1815647	2009-Aug-12	2025-Nov-04	
2004P02616WETR		2005-Nov-04	TR	05799607.6	1815647	2009-Aug-12	2025-Nov-04	
2004P02616WOAU		2005-Nov-04	AU	2005303398	2005303398	2010-Dec-16	2025-Nov-04	
2004P02616WOBR		2005-Nov-04	BR	PI0517561-5	PI0517561-5	2018-Nov-13	2028-Nov-13	
2004P02616WOCA		2005-Nov-04	CA	2586837	2586837	2015-Jan-06	2025-Nov-04	
2004P02616WOCN		2005-Nov-04	CN	200580038551.6	200580038551.6	2011-Dec-21	2025-Nov-04	
2004P02616WOID		2005-Nov-04	ID	W-00 2007 01487	ID P0031622	2012-Aug-31	2025-Nov-04	
2004P02616WOIN		2005-Nov-04	IN	1997/CHENP/2007	271469	2016-Feb-23	2025-Nov-04	
2004P02616WOJP		2005-Nov-04	JP	07-540772	5090175	2012-Sep-21	2025-Nov-04	
2004P02616WOKR		2005-Nov-04	KR	10-2007-7010518	10-1169594	2012-Jul-24	2025-Nov-04	
2004P02616WOMX		2005-Nov-04	MX	2007-005515	272257	2009-Nov-30	2025-Nov-04	
2004P02616WOPH		2005-Nov-04	PH	1-2007-501173	1-2007-501173	2011-Jun-29	2025-Nov-04	
2004P02616WORU		2005-Nov-04	RU	2007121660	2390956	2010-May-27	2025-Nov-04	
2004P02616WOUA		2005-Nov-04	UA	200706414	92475	2010-Nov-10	2025-Nov-04	
2004P02616WOUS		2005-Nov-04	US	11/718720	7944935	2011-May-17	2027-Apr-08	
2004P02616WOZA		2005-Nov-04	ZA	2007/05050	2007/5050	2008-Sep-25	2025-Nov-04	
2005P00146	MY Happy Bit	2006-Jan-11	MY	PI 20060127	MY-148176-A	2013-Mar-15	2026-Jan-11	2005-Jan-12
2005P00146	TW	2006-Jan-09	TW	095100765	1397291	2013-May-21	2026-Jan-09	
2005P00146WEDE		2006-Jan-10	DE	06701792.1	602006039488.8	2013-Dec-04	2026-Jan-10	
2005P00146WEES		2006-Jan-10	ES	06701792.1	1839414	2013-Dec-04	2026-Jan-10	
2005P00146WEFR		2006-Jan-10	FR	06701792.1	1839414	2013-Dec-04	2026-Jan-10	
2005P00146WEGB		2006-Jan-10	GB	06701792.1	1839414	2013-Dec-04	2026-Jan-10	
2005P00146WEIT		2006-Jan-10	IT	06701792.1	1839414	2013-Dec-04	2026-Jan-10	
2005P00146WELT		2006-Jan-10	LT	06701792.1	1839414	2013-Dec-04	2026-Jan-10	
2005P00146WELV		2006-Jan-10	LV	06701792.1	1839414	2013-Dec-04	2026-Jan-10	
2005P00146WENL		2006-Jan-10	NL	06701792.1	1839414	2013-Dec-04	2026-Jan-10	
2005P00146WEPL		2006-Jan-10	PL	06701792.1	1839414	2013-Dec-04	2026-Jan-10	
2005P00146WETR		2006-Jan-10	TR	06701792.1	1839414	2013-Dec-04	2026-Jan-10	
2005P00146WOAU		2006-Jan-10	AU	2006205610	2006205610	2010-Aug-26	2026-Jan-10	
2005P00146WOBR		2006-Jan-10	BR	PI0606717.4	PI0606717.4	2019-Aug-20	2029-Aug-20	
2005P00146WOCA		2006-Jan-10	CA	2593610	2593610	2014-Dec-16	2026-Jan-10	
2005P00146WOCN		2006-Jan-10	CN	200680002134.0	200680002134	2013-Jan-02	2026-Jan-10	
2005P00146WOID		2006-Jan-10	ID	W00-2007-02214	ID P0028299	2011-May-19	2026-Jan-10	
2005P00146WOIN		2006-Jan-10	IN	3065/CHENP/2007	264607	2015-Jan-09	2026-Jan-10	
2005P00146WOJP		2006-Jan-10	JP	07-550005	4991562	2012-May-11	2026-Jan-10	
2005P00146WOKR		2006-Jan-10	KR	10-2007-7015666	10-1271390	2013-May-30	2026-Jan-10	
2005P00146WOMX		2006-Jan-10	MX	2007/008407	276163	2010-May-25	2026-Jan-10	
2005P00146WORU		2006-Jan-10	RU	2007130691	2407194	2010-Dec-20	2026-Jan-10	
2005P00146WOUA		2006-Jan-10	UA	2007/07749	93191	2011-Jan-25	2026-Jan-10	
2005P00146WOUS		2006-Jan-10	US	11/813696	7953003	2011-May-31	2028-May-26	
2005P00146WOVN		2006-Jan-10	VN	1-2007-01626	9625	2011-Sep-07	2026-Jan-10	
2005P00146WOZA		2006-Jan-10	ZA	07-06674	2007/06674	2008-Nov-26	2026-Jan-10	
2005P00592	TW MBMS	2006-Mar-24	TW	095110448	1414193	2013-Nov-01	2026-Mar-24	2005-Mar-29
2005P00592	US01	2011-Dec-09	US	13/315554	8730858	2014-May-20	2026-Mar-27	
2005P00592WOCN		2006-Mar-27	CN	200680009961.2	200680009961.2	2011-Jun-08	2026-Mar-27	
2005P00592WOIN		2006-Mar-27	IN	4308/CHENP/2007	271527	2016-Feb-24	2026-Mar-27	
2005P00592WOJP		2006-Mar-27	JP	08-503657	4959676	2012-Mar-30	2026-Mar-27	
2005P00592WOKR		2006-Mar-27	KR	10-2007-7021825	10-1270042	2013-May-27	2026-Mar-27	
2005P00592WOUS		2006-Mar-27	US	11/909474	8094598	2012-Jan-10	2028-Sep-13	

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2005P01288WECH	Scheduling Grant	2006-May-02	CH	06728114.7	1880482	2016-Jul-13	2026-May-02	2005-May-04
2005P01288WEDE		2006-May-02	DE	06728114.7	1880482	2016-Jul-13	2026-May-02	
2005P01288WEES		2006-May-02	ES	06728114.7	1880482	2016-Jul-13	2026-May-02	
2005P01288WEFR		2006-May-02	FR	06728114.7	1880482	2016-Jul-13	2026-May-02	
2005P01288WEGB		2006-May-02	GB	06728114.7	1880482	2016-Jul-13	2026-May-02	
2005P01288WEIT		2006-May-02	IT	06728114.7	1880482	2016-Jul-13	2026-May-02	
2005P01288WELI		2006-May-02	LI	06728114.7	1880482	2016-Jul-13	2026-May-02	
2005P01288WENL		2006-May-02	NL	06728114.7	1880482	2016-Jul-13	2026-May-02	
2005P01288WEPL		2006-May-02	PL	06728114.7	1880482	2016-Jul-13	2026-May-02	
2005P01288WETR		2006-May-02	TR	06728114.7	1880482	2016-Jul-13	2026-May-02	
2005P01288WOCN		2006-May-02	CN	200680014925.5	200680014925.5	2012-Jul-04	2026-May-02	
2005P01288WOIN		2006-May-02	IN	4988/CHENP/2007	266414	2015-May-01	2026-May-02	
2005P01288WOJP		2006-May-02	JP	08-509564	4834726	2011-Sep-30	2026-May-02	
2005P01288WOKR		2006-May-02	KR	10-2007-7025134	1214130	2012-Dec-13	2026-May-02	
2005P01288WOUS		2006-May-02	US	11/913327	7801549	2010-Sep-21	2027-Sep-08	
2005P02316 TW	Scheduling Priorities	2006-Aug-07	TW	095128872	1388151	2013-Mar-01	2026-Aug-07	2005-Aug-10
2005P02316 US		2015-Aug-05	US	14/818901	RE46960	2018-Jul-17	2030-Feb-19	2005-Aug-11
2005P02316WEBE		2006-Aug-09	BE	06780332.0	1915884	2013-Jul-10	2026-Aug-09	
2005P02316WECH		2006-Aug-09	CH	06780332.0	1915884	2013-Jul-10	2026-Aug-09	
2005P02316WEDE		2006-Aug-09	DE	06780332.0	602006037261.2	2013-Jul-10	2026-Aug-09	
2005P02316WEDK		2006-Aug-09	DK	06780332.0	1915884	2013-Jul-10	2026-Aug-09	
2005P02316WEES		2006-Aug-09	ES	06780332.0	1915884	2013-Jul-10	2026-Aug-09	
2005P02316WEFI		2006-Aug-09	FI	06780332.0	1915884	2013-Jul-10	2026-Aug-09	
2005P02316WEFR		2006-Aug-09	FR	06780332.0	1915884	2013-Jul-10	2026-Aug-09	
2005P02316WEGB		2006-Aug-09	GB	06780332.0	1915884	2013-Jul-10	2026-Aug-09	
2005P02316WEHU		2006-Aug-09	HU	06780332.0	1915884	2013-Jul-10	2026-Aug-09	
2005P02316WEIE		2006-Aug-09	IE	06780332.0	1915884	2013-Jul-10	2026-Aug-09	
2005P02316WEIT		2006-Aug-09	IT	06780332.0	1915884	2013-Jul-10	2026-Aug-09	
2005P02316WELI		2006-Aug-09	LI	06780332.0	1915884	2013-Jul-10	2026-Aug-09	
2005P02316WENL		2006-Aug-09	NL	06780332.0	1915884	2013-Jul-10	2026-Aug-09	
2005P02316WEPL		2006-Aug-09	PL	06780332.0	1915884	2013-Jul-10	2026-Aug-09	
2005P02316WERO		2006-Aug-09	RO	06780332.0	1915884	2013-Jul-10	2026-Aug-09	
2005P02316WESE		2006-Aug-09	SE	06780332.0	1915884	2013-Jul-10	2026-Aug-09	
2005P02316WETR		2006-Aug-09	TR	06780332.0	1915884	2013-Jul-10	2026-Aug-09	
2005P02316WOCN		2006-Aug-09	CN	200680028956.6	200680028956.6	2013-Jan-09	2026-Aug-09	
2005P02316WOIN		2006-Aug-09	IN	725/CHENP/2008	310243	2019-Mar-28	2026-Aug-09	
2005P02316WOJP		2006-Aug-09	JP	08-525698	5002596	2012-May-25	2026-Aug-09	
2005P02316WOKR		2006-Aug-09	KR	10-2008-7002762	10-1313781	2013-Sep-25	2026-Aug-09	
2005P02316WOUS		2006-Aug-09	US	12/063044	8504085	2013-Aug-06	2030-Feb-19	
1999P00861 TW	Low Overhead Power	1999-Sep-29	TW	88116756	142204	2002-Feb-01	2019-Sep-29	1999-Jan-16
1999P00861 US	Control Channel	2000-Jan-06	US	09/478468	6668168	2003-Dec-23	2020-Jan-06	
1999P00861 US01		2003-Oct-27	US	10/694555	7127247	2006-Oct-24	2020-Jan-06	
1999P00861WEDE		1999-Dec-24	DE	99967985.5	69932707.5	2006-Aug-09	2019-Dec-24	
1999P00861WEFR		1999-Dec-24	FR	99967985.5	1062830	2006-Aug-09	2019-Dec-24	
1999P00861WEGB		1999-Dec-24	GB	99967985.5	1062830	2006-Aug-09	2019-Dec-24	
1999P00861WEIT		1999-Dec-24	IT	99967985.5	1062830	2006-Aug-09	2019-Dec-24	
1999P00861WOCN		1999-Dec-24	CN	99806256.1	99806256.1	2004-Aug-04	2019-Dec-24	
1999P00861WOJP		1999-Dec-24	JP	00-594282	4637364	2010-Dec-03	2019-Dec-24	
1999P00861WOKR		1999-Dec-24	KR	10-2000-7010124	10-0888033	2009-Mar-03	2019-Dec-24	
2000P00589 US	Power Change in	2001-Sep-13	US	09/951638	7715858	2010-May-11	2026-Feb-20	2000-Sep-15
2000P00589WEDE	Soft Handover	2001-Sep-03	DE	01978336.4	60113641.1	2005-Sep-28	2021-Sep-03	
2000P00589WEFR		2001-Sep-03	FR	01978336.4	1234390	2005-Sep-28	2021-Sep-03	
2000P00589WEGB		2001-Sep-03	GB	01978336.4	1234390	2005-Sep-28	2021-Sep-03	
2000P00589WEIT		2001-Sep-03	IT	01978336.4	1234390	2005-Sep-28	2021-Sep-03	
2000P00589WOCN		2001-Sep-03	CN	01803711.9	01803711.9	2006-Jan-11	2021-Sep-03	
2000P00589WOJP		2001-Sep-03	JP	02-527085	4931324	2012-Feb-24	2021-Sep-03	
2000P00589WOKR		2001-Sep-03	KR	10-2002-7006242	10-0810925	2008-Feb-29	2021-Sep-03	
2000P00523 JP01	Allocation of	2001-Sep-05	JP	2012-112292	5128714	2012-Nov-09	2021-Sep-05	2000-Sep-15
2000P00523 US	Multipath Signals	2001-Sep-13	US	09/951946	7162243	2007-Jan-09	2022-Nov-24	
2000P00523 US01		2006-Dec-27	US	11/616343	8112086	2012-Feb-07	2021-Sep-13	
2000P00523WEDE		2001-Sep-05	DE	01978342.2	60107530.7	2004-Dec-01	2021-Sep-05	
2000P00523WEFR		2001-Sep-05	FR	01978342.2	1232578	2004-Dec-01	2021-Sep-05	
2000P00523WEGB		2001-Sep-05	GB	01978342.2	1232578	2004-Dec-01	2021-Sep-05	
2000P00523WOCN		2001-Sep-05	CN	01803648.1	01803648.1	2005-Sep-07	2021-Sep-05	
2000P00523WOJP		2001-Sep-05	JP	02-527088	5301068	2013-Jun-28	2021-Sep-05	
2000P00523WOKR		2001-Sep-05	KR	10-2002-7006148	10-0826686	2008-Apr-24	2021-Sep-05	
2001P00098 TW	ARQ in MIMO Systems	2002-Apr-19	TW	091108131	NI-197479	2004-Jun-17	2022-Apr-19	2001-Apr-25
2001P00098 US		2002-Apr-23	US	10/128636	9178577	2015-Nov-03	2027-Sep-25	
2001P00098 US01		2015-Oct-01	US	14/872553	9635599	2017-Apr-25	2022-Apr-23	
2001P00098 US02		2017-Apr-24	US	15/494975	10348613	2019-Jul-09	2022-Apr-23	
2001P00098WEDE		2002-Apr-12	DE	02724544.8	60229230.1	2008-Oct-08	2022-Apr-12	
2001P00098WEFR		2002-Apr-12	FR	02724544.8	1386422	2008-Oct-08	2022-Apr-12	
2001P00098WEGB		2002-Apr-12	GB	02724544.8	1386422	2008-Oct-08	2022-Apr-12	
2001P00098WEIT		2002-Apr-12	IT	02724544.8	1386422	2008-Oct-08	2022-Apr-12	
2001P00098WOCN		2002-Apr-12	CN	02801341.7	02801341.7	2009-May-20	2022-Apr-12	
2001P00098WOIN		2002-Apr-12	IN	IN/PCT/02/02140	224282	2008-Oct-10	2022-Apr-12	
2001P00098WOJP		2002-Apr-12	JP	02-584499	4229705	2008-Dec-12	2022-Apr-12	
2001P00098WOKR		2002-Apr-12	KR	10-2002-7017661	10-0918011	2009-Sep-11	2022-Apr-12	

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2003P00729 TW	Reporting of	2004-May-10	TW	093113090	1367041	2012-Jun-21	2024-May-10	2003-May-13
2003P00729WEDE	Channel Quality	2004-May-06	DE	04731427.3	602004005327.9	2007-Mar-14	2024-May-06	2003-Oct-03
2003P00729WEFR		2004-May-06	FR	04731427.3	1625673	2007-Mar-14	2024-May-06	
2003P00729WEGB		2004-May-06	GB	04731427.3	1625673	2007-Mar-14	2024-May-06	
2003P00729WOCN		2004-May-06	CN	200480012993.9	200480012993.9	2009-Dec-23	2024-May-06	
2003P00729WOJP		2004-May-06	JP	2006-530646	4415017	2009-Nov-27	2024-May-06	
2003P00729WOKR		2004-May-06	KR	2005-7021448	10-1011665	2011-Jan-24	2024-May-06	
2003P00729WOUS		2004-May-06	US	10/556007	7760679	2010-Jul-20	2027-Jul-04	
2004P02127WEDE	Temporary Offset	2005-Sep-15	DE	05801604.9	602005013408.5	2009-Mar-18	2025-Sep-15	2004-Sep-20
2004P02127WEES	of DPCCH Power	2005-Sep-15	ES	05801604.9	1794899	2009-Mar-18	2025-Sep-15	
2004P02127WEFR		2005-Sep-15	FR	05801604.9	1794899	2009-Mar-18	2025-Sep-15	
2004P02127WEGB		2005-Sep-15	GB	05801604.9	1794899	2009-Mar-18	2025-Sep-15	
2004P02127WEIT		2005-Sep-15	IT	05801604.9	1794899	2009-Mar-18	2025-Sep-15	
2004P02127WENL		2005-Sep-15	NL	05801604.9	1794899	2009-Mar-18	2025-Sep-15	
2004P02127WERO		2005-Sep-15	RO	05801604.9	1794899	2009-Mar-18	2025-Sep-15	
2004P02127WETR		2005-Sep-15	TR	05801604.9	2009/03833	2009-Mar-18	2025-Sep-15	
2004P02127WOCN		2005-Sep-15	CN	200580031399.9	200580031399.9	2012-May-30	2025-Sep-15	
2004P02127WOIN		2005-Sep-15	IN	01165/CHENP/07	260229	2014-Apr-10	2025-Sep-15	
2004P02127WOJP		2005-Sep-15	JP	07-531934	5393979	2013-Oct-25	2025-Sep-15	
2004P02127WOKR		2005-Sep-15	KR	10-2007-7006031	1123191	2012-Mar-19	2025-Sep-15	
2004P02127WOUS		2005-Sep-15	US	11/575319	8842768	2014-Sep-23	2029-Sep-26	
2004P02615 TW	Temporary Offset	2005-Nov-07	TW	094139023	1394382	2013-Apr-21	2025-Nov-07	2004-Nov-10
2004P02615WEAT	of DPCCH Power	2005-Nov-08	AT	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WEBE		2005-Nov-08	BE	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WEBG		2005-Nov-08	BG	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WECH		2005-Nov-08	CH	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WECZ		2005-Nov-08	CZ	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WEDE		2005-Nov-08	DE	05801777.3	602005033429.7	2012-Mar-28	2025-Nov-08	
2004P02615WEDK		2005-Nov-08	DK	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WEES		2005-Nov-08	ES	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WEFI		2005-Nov-08	FI	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WEFR		2005-Nov-08	FR	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WEGB		2005-Nov-08	GB	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WEGR		2005-Nov-08	GR	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WEHU		2005-Nov-08	HU	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WEIE		2005-Nov-08	IE	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WEIT		2005-Nov-08	IT	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WELI		2005-Nov-08	LI	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WENL		2005-Nov-08	NL	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WEPL		2005-Nov-08	PL	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WEPT		2005-Nov-08	PT	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WERO		2005-Nov-08	RO	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WESE		2005-Nov-08	SE	05801777.3	1815612	2012-Mar-28	2025-Nov-08	
2004P02615WESK		2005-Nov-08	SK	05801777.3	E 12015	2012-Mar-28	2025-Nov-08	
2004P02615WETR		2005-Nov-08	TR	05801777.3	TR 2012 06934 T4	2012-Mar-28	2025-Nov-08	
2004P02615WOCN		2005-Nov-08	CN	200580038360.X	200580038360.X	2012-Jun-20	2025-Nov-08	
2004P02615WOJP		2005-Nov-08	JP	2007-540786	4933441	2012-Feb-24	2025-Nov-08	
2004P02615WOKR		2005-Nov-08	KR	10-2007-7010480	1214125	2012-Dec-13	2025-Nov-08	
2004P02615WOUS		2005-Nov-08	US	11/718617	8014730	2011-Sep-06	2028-Jan-30	
2005P02351 TW	Control Channel Format	2006-Aug-11	TW	095129478	1413367	2013-Oct-21	2026-Aug-11	2005-Aug-16
2005P02351 US01		2013-Oct-21	US	14/134261	9203581	2015-Dec-01	2026-Aug-10	
2005P02351 US02		2015-Nov-16	US	14/941818	9736793	2017-Aug-15	2026-Aug-10	
2005P02351WEDE		2006-Aug-10	DE	06780346.0	60 2006 047 022.3	2015-Oct-21	2026-Aug-10	
2005P02351WEES		2006-Aug-10	ES	06780346.0	1917726	2015-Oct-21	2026-Aug-10	
2005P02351WEFR		2006-Aug-10	FR	06780346.0	1917726	2015-Oct-21	2026-Aug-10	
2005P02351WEGB		2006-Aug-10	GB	06780346.0	1917726	2015-Oct-21	2026-Aug-10	
2005P02351WEIT		2006-Aug-10	IT	06780346.0	1917726	2015-Oct-21	2026-Aug-10	
2005P02351WENL		2006-Aug-10	NL	06780346.0	1917726	2015-Oct-21	2026-Aug-10	
2005P02351WEPL		2006-Aug-10	PL	06780346.0	1917726	2015-Oct-21	2026-Aug-10	
2005P02351WERO		2006-Aug-10	RO	06780346.0	1917726	2015-Oct-21	2026-Aug-10	
2005P02351WETR		2006-Aug-10	TR	06780346.0	1917726	2015-Oct-21	2026-Aug-10	
2005P02351WOCN		2006-Aug-10	CN	200680029724.2	200680029724.2	2011-Dec-14	2026-Aug-10	
2005P02351WOIN		2006-Aug-10	IN	791/CHENP/2008	275419	2016-Sep-02	2026-Aug-10	
2005P02351WOJP		2006-Aug-10	JP	08-526588	4913813	2012-Jan-27	2026-Aug-10	
2005P02351WOKR		2006-Aug-10	KR	10-2008-7003528	10-1315047	2013-Sep-30	2026-Aug-10	
2005P02351WOUS		2006-Aug-10	US	12/063593	8644266	2014-Feb-04	2029-Jun-24	
2006P02093 US01	Fast rank indicator for	2014-Jan-29	US	14/166900	10205579	2019-Feb-12	2028-Jul-09	2006-Aug-22
2006P02093WEDE	MIMO systems	2007-Aug-21	DE	07826072.6	60 2007 046 676.8	2016-Jun-15	2027-Aug-21	
2006P02093WEES		2007-Aug-21	ES	07826072.6	2067278	2016-Jun-15	2027-Aug-21	
2006P02093WEFR		2007-Aug-21	FR	07826072.6	2067278	2016-Jun-15	2027-Aug-21	
2006P02093WEGB		2007-Aug-21	GB	07826072.6	2067278	2016-Jun-15	2027-Aug-21	
2006P02093WEIT		2007-Aug-21	IT	07826072.6	2067278	2016-Jun-15	2027-Aug-21	
2006P02093WENL		2007-Aug-21	NL	07826072.6	2067278	2016-Jun-15	2027-Aug-21	
2006P02093WEPL		2007-Aug-21	PL	07826072.6	2067278	2016-Jun-15	2027-Aug-21	
2006P02093WETR		2007-Aug-21	TR	07826072.6	2067278	2016-Jun-15	2027-Aug-21	
2006P02093WOCN		2007-Aug-21	CN	200780031288.7	200780031288.7	2013-Feb-06	2027-Aug-21	
2006P02093WOIN		2007-Aug-21	IN	976/CHENP/2009	306295	2019-Jan-25	2027-Aug-21	
2006P02093WOJP		2007-Aug-21	JP	09-525159	5253398	2013-Apr-26	2027-Aug-21	
2006P02093WOUS		2007-Aug-21	US	12/438030	8675508	2014-Mar-18	2030-Apr-20	

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2006P02132 US	CQI Signalling	2015-Jul-01	US	14/789191	RE46450	2017-Jun-20	2029-Jul-02	2006-Aug-28
2006P02132WEAT		2007-Aug-28	AT	07826159.1	2060021	2019-Mar-27	2027-Aug-28	2006-Sep-15
2006P02132WEBE		2007-Aug-28	BE	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WEBG		2007-Aug-28	BG	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WECH		2007-Aug-28	CH	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WECY		2007-Aug-28	CY	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WECZ		2007-Aug-28	CZ	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WEDE		2007-Aug-28	DE	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WEDK		2007-Aug-28	DK	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WEEE		2007-Aug-28	EE	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WEES		2007-Aug-28	ES	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WEFI		2007-Aug-28	FI	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WEFR		2007-Aug-28	FR	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WEGB		2007-Aug-28	GB	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WEGR		2007-Aug-28	GR	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WEHU		2007-Aug-28	HU	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WEIE		2007-Aug-28	IE	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WEIS		2007-Aug-28	IS	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WEIT		2007-Aug-28	IT	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WELT		2007-Aug-28	LT	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WELU		2007-Aug-28	LU	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WELV		2007-Aug-28	LV	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WEMC		2007-Aug-28	MC	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WEMT		2007-Aug-28	MT	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WENL		2007-Aug-28	NL	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WEPL		2007-Aug-28	PL	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
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2006P02132WERO		2007-Aug-28	RO	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WESE		2007-Aug-28	SE	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WESI		2007-Aug-28	SI	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WESK		2007-Aug-28	SK	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WETR		2007-Aug-28	TR	07826159.1	2060021	2019-Mar-27	2027-Aug-28	
2006P02132WOCN		2007-Aug-28	CN	200780032521.3	200780032521.3	2013-Sep-18	2027-Aug-28	
2006P02132WOIN		2007-Aug-28	IN	1196/CHENP/2009			2027-Aug-28	
2006P02132WOJP		2007-Aug-28	JP	09-526237	5474549	2014-Feb-14	2027-Aug-28	
2006P02132WOKR		2007-Aug-28	KR	10-2009-7003777	10-1483666	2015-Jan-12	2027-Aug-28	
2006P02132WOUS		2007-Aug-28	US	12/439001	8542757	2013-Sep-24	2029-Jul-02	
2006P02606 TW	Code allocation	2007-Dec-11	TW	096147325	1440379	2014-Jun-01	2027-Dec-11	2006-Dec-14
2006P02606WEDE	for HSDPA	2007-Dec-06	DE	07857262.5	60 2007 042 833.5	2015-Aug-26	2027-Dec-06	2007-Jan-15
2006P02606WEES		2007-Dec-06	ES	07857262.5	2095578	2015-Aug-26	2027-Dec-06	
2006P02606WEFR		2007-Dec-06	FR	07857262.5	2095578	2015-Aug-26	2027-Dec-06	
2006P02606WEGB		2007-Dec-06	GB	07857262.5	2095578	2015-Aug-26	2027-Dec-06	
2006P02606WEIS		2007-Dec-06	IS	07857262.5	2095578	2015-Aug-26	2027-Dec-06	
2006P02606WEIT		2007-Dec-06	IT	07857262.5	2095578	2015-Aug-26	2027-Dec-06	
2006P02606WEMT		2007-Dec-06	MT	07857262.5	2095578	2015-Aug-26	2027-Dec-06	
2006P02606WENL		2007-Dec-06	NL	07857262.5	2095578	2015-Aug-26	2027-Dec-06	
2006P02606WEPL		2007-Dec-06	PL	07857262.5	2095578	2015-Aug-26	2027-Dec-06	
2006P02606WETR		2007-Dec-06	TR	07857262.5	2095578	2015-Aug-26	2027-Dec-06	
2006P02606WOCN		2007-Dec-06	CN	200780046206.6	200780046206.6	2016-Oct-26	2027-Dec-06	
2006P02606WOJP		2007-Dec-06	JP	09-540724	5455640	2014-Jan-17	2027-Dec-06	
2006P02606WOUS		2007-Dec-06	US	12/518300	10257814	2019-Apr-09	2030-Mar-22	
1992P00076 HK	Handover	1993-May-14	HK	98114652.3	HK1013390	2000-Apr-07	2013-May-14	1992-May-22
1992P00076 JP		1993-May-21	JP	93-119813	3413243	2003-Mar-28	2013-May-21	
1992P00076 KR		1993-May-17	KR	93-8382	291613	2001-Mar-14	2013-May-17	
1992P00076 US		1993-Apr-08	US	08/044140	5448752	1995-Sep-05	2013-Apr-08	
1992P00076EPDE		1993-May-14	DE	93201382.4	69320102.9	1998-Aug-05	2013-May-14	
1992P00076EPFR		1993-May-14	FR	93201382.4	0571029	1998-Aug-05	2013-May-14	
1992P00076EPGB		1993-May-14	GB	93201382.4	0571029	1998-Aug-05	2013-May-14	
1992P00076EPIT		1993-May-14	IT	93201382.4	0571029	1998-Aug-05	2013-May-14	
1998P00219 TW	Robust ARQ System	1999-Sep-16	TW	88115957	138623	2001-Dec-06	2019-Sep-16	1998-Sep-30
1998P00219 US		1999-Sep-21	US	09/400764	6898417	2005-May-24	2019-Sep-21	
1998P00219WEDE		1999-Sep-08	DE	99944627.1	69928908.4	2005-Dec-14	2019-Sep-08	
1998P00219WEFR		1999-Sep-08	FR	99944627.1	1046245	2005-Dec-14	2019-Sep-08	
1998P00219WEGB		1999-Sep-08	GB	99944627.1	1046245	2005-Dec-14	2019-Sep-08	
1998P00219WEIT		1999-Sep-08	IT	99944627.1	1046245	2005-Dec-14	2019-Sep-08	
1998P00219WOCN		1999-Sep-08	CN	99802532.1	99802532.1	2004-May-12	2019-Sep-08	
1998P00219WOJP		1999-Sep-08	JP	00-573018	4335457	2009-Jul-03	2019-Sep-08	
1998P00219WOKR		1999-Sep-08	KR	10-2000-7005865	10-0693198	2007-Mar-05	2019-Sep-08	
2001P00019 US	Parallel N-Channel ARQ	2002-Feb-25	US	10/084735	6910168	2005-Jun-21	2023-Jun-19	2001-Feb-27
2001P00019WEDE	from Multiple Base	2002-Jan-31	DE	02716246.0	60203704.2	2005-Apr-13	2022-Jan-31	
2001P00019WEFR	Stations	2002-Jan-31	FR	02716246.0	1366634	2005-Apr-13	2022-Jan-31	
2001P00019WEGB		2002-Jan-31	GB	02716246.0	1366634	2005-Apr-13	2022-Jan-31	
2001P00019WOCN		2002-Jan-31	CN	02800392.6	02800392.6	2007-Jan-10	2022-Jan-31	
2001P00019WOJP		2002-Jan-31	JP	02-568859	3970774	2007-Jun-15	2022-Jan-31	
2001P00019WOKR		2002-Jan-31	KR	10-2002-7014317	10-882145	2009-Jan-30	2022-Jan-31	

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2001P00261 US	Packet Channel with no	2016-Jun-06	US	15/174008	10177839	2019-Jan-08	2022-Sep-14	2001-Mar-17
2001P00261WEDE	Remaining Collisions	2002-Mar-15	DE	02707041.6	602 46 233.9	2014-Apr-30	2022-Mar-15	2001-Jul-11
2001P00261WEFR		2002-Mar-15	FR	02707041.6	1374621	2014-Apr-30	2022-Mar-15	
2001P00261WEGB		2002-Mar-15	GB	02707041.6	1374621	2014-Apr-30	2022-Mar-15	
2001P00261WETR		2002-Mar-15	TR	02707041.6	1374621	2014-Apr-30	2022-Mar-15	
2001P00261WOBR		2002-Mar-15	BR	PI0204487-0	PI0204487-0	2018-Nov-21	2028-Nov-21	
2001P00261WOCN		2002-Mar-15	CN	02800695.X	02800695.X	2006-Aug-02	2022-Mar-15	
2001P00261WOIN		2002-Mar-15	IN	IN/PCT/02/01879	225569	2008-Nov-19	2022-Mar-15	
2001P00261WOJP		2002-Mar-15	JP	02-573469	4083585	2008-Feb-22	2022-Mar-15	
2001P00261WOKR		2002-Mar-15	KR	10-2002-7015381	10-0944545	2010-Feb-19	2022-Mar-15	
2001P00261WOUS		2002-Mar-15	US	10/258047	9363833	2016-Jun-07	2028-Oct-09	
2005P03073 TW	Flexible Spatial	2006-Oct-25	TW	095139430	1410063	2013-Sep-21	2026-Oct-25	2005-Oct-28
2005P03073 US01	Multiplexing and	2012-Nov-19	US	13/680205	9325404	2016-Apr-26	2026-Oct-20	2006-Feb-06
2005P03073 US02	Transmit Diversity	2016-Apr-25	US	15/137489	9768846	2017-Sep-19	2026-Oct-25	
2005P03073WOCN		2006-Oct-20	CN	200680040319.0	200680040319.0	2015-Aug-19	2026-Oct-20	
2005P03073WOIN		2006-Oct-20	IN	2105/CHENP/2008	278613	2016-Dec-27	2026-Oct-20	
2005P03073WOKR		2006-Oct-20	KR	10-2008-7009760	10-1313785	2013-Sep-25	2026-Oct-20	
2005P03073WOUS		2006-Oct-20	US	12/091584	8335272	2012-Dec-18	2029-Aug-06	
2005P02438 US01	Antenna Rate Control	2013-Jul-30	US	13/953812	9325394	2016-Apr-26	2027-Jan-03	2005-Dec-09
2005P02438 US02	for MIMO	2016-Apr-25	US	15/137098	9634743	2017-Apr-25	2026-Dec-07	
2005P02438WEDE		2006-Dec-07	DE	06832139.7	60 2006 048 290.6	2016-Mar-16	2026-Dec-07	
2005P02438WEES		2006-Dec-07	ES	06832139.7	1961143	2016-Mar-16	2026-Dec-07	
2005P02438WEFR		2006-Dec-07	FR	06832139.7	1961143	2016-Mar-16	2026-Dec-07	
2005P02438WEGB		2006-Dec-07	GB	06832139.7	1961143	2016-Mar-16	2026-Dec-07	
2005P02438WEIT		2006-Dec-07	IT	06832139.7	1961143	2016-Mar-16	2026-Dec-07	
2005P02438WENL		2006-Dec-07	NL	06832139.7	1961143	2016-Mar-16	2026-Dec-07	
2005P02438WEPL		2006-Dec-07	PL	06832139.7	1961143	2016-Mar-16	2026-Dec-07	
2005P02438WETR		2006-Dec-07	TR	06832139.7	1961143	2016-Mar-16	2026-Dec-07	
2005P02438WOCN		2006-Dec-07	CN	200680045971.1	200680045971.1	2013-Jul-24	2026-Dec-07	
2005P02438WOIN		2006-Dec-07	IN	2879/CHENP/2008	274305	2016-Jul-20	2026-Dec-07	
2005P02438WOJP		2006-Dec-07	JP	08-543984	5507846	2014-Mar-28	2026-Dec-07	
2005P02438WOKR		2006-Dec-07	KR	10-2008-7013411	10-1377729	2014-Feb-13	2026-Dec-07	
2005P02438WOUS		2006-Dec-07	US	12/096194	8520568	2013-Aug-27	2029-Mar-29	
2006P01309WEDE	Improved application of	2007-May-04	DE	07735769.7	602007011424.1	2010-Dec-22	2027-May-04	2006-May-10
2006P01309WEFR	HARQ to multiple	2007-May-04	FR	07735769.7	2018730	2010-Dec-22	2027-May-04	
2006P01309WEGB	antenna schemes	2007-May-04	GB	07735769.7	2018730	2010-Dec-22	2027-May-04	
2006P01309WOCN		2007-May-04	CN	200780016934.2	200780016934.2	2013-Nov-13	2027-May-04	
2006P01309WOIN		2007-May-04	IN	6114/CHENP/2008	296788	2018-May-15	2027-May-04	
2006P01309WOJP		2007-May-04	JP	09-508625	5355386	2013-Sep-06	2027-May-04	
2006P01309WOUS		2007-May-04	US	12/299815	8259696	2012-Sep-04	2029-Oct-09	
2006P01313 US01	Data transmission in	2013-Mar-14	US	13/802959	9161336	2015-Oct-13	2027-Aug-03	2006-May-11
2006P01313WOCN	multiple carrier TDD	2007-Apr-24	CN	200780016944.6	200780016944.6	2013-Jul-17	2027-Apr-24	
2006P01313WOJP	communication systems	2007-Apr-24	JP	09-508563	5461174	2014-Jan-24	2027-Apr-24	
2006P01313WOKR		2007-Apr-24	KR	10-2008-7027244	10-1376557	2014-Feb-07	2027-Apr-24	
2006P01313WOUS		2007-Apr-24	US	12/300237	8416800	2013-Apr-09	2028-Aug-25	
2007P01859 TW	Indicating E-DCH	2008-Oct-29	TW	097141606	1484851	2015-May-11	2028-Oct-29	2007-Nov-01
2007P01859 US	resources for E-RACH	2014-Sep-19	US	14/490984	9392620	2016-Jul-12	2028-Oct-28	2008-Jan-10
2007P01859WEDE		2008-Oct-28	DE	08845774.2	60 2008 024 480.6	2013-May-08	2028-Oct-28	
2007P01859WEES		2008-Oct-28	ES	08845774.2	2218296	2013-May-08	2028-Oct-28	
2007P01859WEFR		2008-Oct-28	FR	08845774.2	2218296	2013-May-08	2028-Oct-28	
2007P01859WEGB		2008-Oct-28	GB	08845774.2	2218296	2013-May-08	2028-Oct-28	
2007P01859WEIT		2008-Oct-28	IT	08845774.2	2218296	2013-May-08	2028-Oct-28	
2007P01859WENL		2008-Oct-28	NL	08845774.2	2218296	2013-May-08	2028-Oct-28	
2007P01859WEPL		2008-Oct-28	PL	08845774.2	2218296	2013-May-08	2028-Oct-28	
2007P01859WETR		2008-Oct-28	TR	08845774.2	TR 2013 09499 T4	2013-May-08	2028-Oct-28	
2007P01859WOBR		2008-Oct-28	BR	PI0819126-3	PI0819126-3	2020-Sep-15	2030-Sep-15	
2007P01859WOCN		2008-Oct-28	CN	200880114375.3	200880114375.3	2013-Dec-18	2028-Oct-28	
2007P01859WOID		2008-Oct-28	ID	W-00 2010 01384	IDP000036999	2014-Oct-10	2028-Oct-28	
2007P01859WOIN		2008-Oct-28	IN	3102/CHENP/2010	326198	2019-Nov-28	2028-Oct-28	
2007P01859WOJP		2008-Oct-28	JP	10-531621	5419884	2013-Nov-29	2028-Oct-28	
2007P01859WOKR		2008-Oct-28	KR	10-2010-7011919	10-1484485	2015-Jan-14	2028-Oct-28	
2007P01859WOMX		2008-Oct-28	MX	2010/004631	308305	2013-Apr-01	2028-Oct-28	
2007P01859WOMY		2008-Oct-28	MY	PI 2010001954	MY-156496-A	2016-Feb-26	2028-Oct-28	
2007P01859WOPH		2008-Oct-28	PH	1-2010-500882	1-2010-500882	2014-Feb-13	2028-Oct-28	
2007P01859WORU		2008-Oct-28	RU	2010121822	2518176	2014-Jun-10	2028-Oct-28	
2007P01859WOSG		2008-Oct-28	SG	201002560-9	160735	2012-Oct-31	2028-Oct-28	
2007P01859WOUS		2008-Oct-28	US	12/739416	9497777	2016-Nov-15	2029-Nov-23	
2001P00785 TW	Channel Quality	2002-Oct-29	TW	091132073	1301379	2008-Sep-21	2022-Oct-29	2001-Oct-31
2001P00785 US	Measurement Report	2002-Oct-03	US	10/264067	7171229	2007-Jan-30	2023-Sep-28	2001-Nov-05
2001P00785WEDE	for HSDPA	2002-Oct-22	DE	02777636.8	602 46 848.5	2014-Dec-10	2022-Oct-22	
2001P00785WEES		2002-Oct-22	ES	02777636.8	1442537	2014-Dec-10	2022-Oct-22	
2001P00785WEFR		2002-Oct-22	FR	02777636.8	1442537	2014-Dec-10	2022-Oct-22	
2001P00785WEGB		2002-Oct-22	GB	02777636.8	1442537	2014-Dec-10	2022-Oct-22	
2001P00785WEIT		2002-Oct-22	IT	02777636.8	1442537	2014-Dec-10	2022-Oct-22	
2001P00785WENL		2002-Oct-22	NL	02777636.8	1442537	2014-Dec-10	2022-Oct-22	
2001P00785WETR		2002-Oct-22	TR	02777636.8	1442537	2014-Dec-10	2022-Oct-22	
2001P00785WOCN		2002-Oct-22	CN	02821554.0	02821554.0	2013-Oct-30	2022-Oct-22	
2001P00785WOIN		2002-Oct-22	IN	900/CHENP/2004	237546	2009-Dec-29	2022-Oct-22	
2001P00785WOJP		2002-Oct-22	JP	03-541168	4298507	2009-Apr-24	2022-Oct-22	
2001P00785WOKR		2002-Oct-22	KR	10-2004-7006463	10-1207326	2012-Nov-27	2022-Oct-22	

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1993P00292	KR Spread Spectrum	1994-Feb-02	KR	94-1868	0432073	2004-May-07	2014-Feb-02	1993-Feb-03
1993P00292	SG using OFDM	1994-Jan-28	SG	9608539.4	43984	2001-Oct-16	2014-Jan-28	
1993P00292	US	1994-Feb-02	US	08/190397	5504775	1996-Apr-02	2014-Feb-02	
1993P00292EPDE		1994-Jan-28	DE	94200210.6	69428385.1	2001-Sep-26	2014-Jan-28	
1993P00292EPFR		1994-Jan-28	FR	94200210.6	0610988	2001-Sep-26	2014-Jan-28	
1993P00292EPGB		1994-Jan-28	GB	94200210.6	0610988	2001-Sep-26	2014-Jan-28	
1993P00292EPIT		1994-Jan-28	IT	94200210.6	0610988	2001-Sep-26	2014-Jan-28	
1993P00508	JP Frequency Hopping	1994-Dec-21	JP	94-318784	3693303	2005-Jul-01	2014-Dec-21	1993-Dec-22
1993P00508	KR Multicarrier System	1994-Dec-22	KR	10-1994-0035844	379047	2003-Mar-25	2014-Dec-22	
1993P00508	SG	1994-Dec-15	SG	9608533.7	48266	2002-Jan-04	2014-Dec-15	
1993P00508	US	1994-Dec-21	US	08/361080	5548582	1996-Aug-20	2014-Dec-21	
1993P00508EPDE		1994-Dec-15	DE	94203635.1	69434353.6	2005-Apr-27	2014-Dec-15	
1993P00508EPFR		1994-Dec-15	FR	94203635.1	0660559	2005-Apr-27	2014-Dec-15	
1993P00508EPGB		1994-Dec-15	GB	94203635.1	0660559	2005-Apr-27	2014-Dec-15	
1993P00508EPIT		1994-Dec-15	IT	94203635.1	0660559	2005-Apr-27	2014-Dec-15	
1997P00174	US Synchronous and Asynchronr	1998-Feb-23	US	09/027600	6181947	2001-Jan-30	2018-Feb-23	1997-Feb-28
1999P00232	JP Fast Uplink Signalling	2000-Jan-17	JP	00-8317	4630414	2010-Nov-19	2020-Jan-17	1999-Jan-18
1999P00232	US	2000-Jan-18	US	09/483922	6711403	2004-Mar-23	2020-Jan-18	
1999P00232EPDE		2000-Jan-11	DE	00200074.3	50015522.4	2009-Jan-14	2020-Jan-11	
1999P00232EPFR		2000-Jan-11	FR	00200074.3	1021003	2009-Jan-14	2020-Jan-11	
1999P00232EPGB		2000-Jan-11	GB	00200074.3	1021003	2009-Jan-14	2020-Jan-11	
1999P00673	TW Combined Random	1999-Oct-21	TW	88118220	NI-133747	2001-Oct-04	2019-Oct-21	1999-Jan-09
1999P00673	US Access and Fast	1999-Dec-28	US	09/473534	6611514	2003-Aug-26	2019-Dec-28	
1999P00673WEDE	DE Signalling	1999-Dec-21	DE	99965534.3	69943505.6	2011-Jun-15	2019-Dec-21	
1999P00673WEFR		1999-Dec-21	FR	99965534.3	1062829	2011-Jun-15	2019-Dec-21	
1999P00673WEGB		1999-Dec-21	GB	99965534.3	1062829	2011-Jun-15	2019-Dec-21	
1999P00673WEIT		1999-Dec-21	IT	99965534.3	1062829	2011-Jun-15	2019-Dec-21	
1999P00673WOCN		1999-Dec-21	CN	99805901.3	99805901.3	2004-Mar-24	2019-Dec-21	
1999P00673WOJP		1999-Dec-21	JP	00-594281	4607333	2010-Oct-15	2019-Dec-21	
1999P01028	TW Handover Algorithm	2000-Feb-14	TW	089102430	NI-194968	2004-May-14	2020-Feb-14	1999-Feb-26
1999P01028	US	2000-Feb-10	US	09/501896	6834189	2004-Dec-21	2020-Feb-10	
1999P01028WOJP		2000-Feb-01	JP	00-603255	4782287	2011-Jul-15	2020-Feb-01	
1999P01028WOKR		2000-Feb-01	KR	10-2000-7011804	10-0695806	2007-Mar-09	2020-Feb-01	
2001P00672	TW Antenna-Division	2002-Apr-22	TW	091108233	183648	2003-Dec-09	2022-Apr-22	2001-Apr-25
2001P00672WEDE	DE Multiple Access (ADMA)	2002-Apr-16	DE	02722602.6	60225263.6	2008-Feb-27	2022-Apr-16	2001-Sep-21
2001P00672WEFR		2002-Apr-16	FR	02722602.6	1386421	2008-Feb-27	2022-Apr-16	
2001P00672WEGB		2002-Apr-16	GB	02722602.6	1386421	2008-Feb-27	2022-Apr-16	
2001P00672WOCN		2002-Apr-16	CN	02801345.X	02801345.X	2010-Jun-09	2022-Apr-16	
2001P00672WOIN		2002-Apr-16	IN	IN/PCT/02/02139	227921	2009-Jan-27	2022-Apr-16	
2001P00672WOJP		2002-Apr-16	JP	02-584498	4369128	2009-Sep-04	2022-Apr-16	
2001P00672WOKR		2002-Apr-16	KR	10-2002-7017654	10-0909973	2009-Jul-23	2022-Apr-16	
2002P00121	US Search Space Shuffling	2009-May-26	US	12/472049	8199711	2012-Jun-12	2023-Apr-12	2002-Feb-08
2002P00121WEAT		2003-Jan-27	AT	03737404.8	1479258	2012-Mar-14	2023-Jan-27	2002-Feb-12
2002P00121WEBE		2003-Jan-27	BE	03737404.8	1479258	2012-Mar-14	2023-Jan-27	
2002P00121WEBG		2003-Jan-27	BG	03737404.8	1479258	2012-Mar-14	2023-Jan-27	
2002P00121WECH		2003-Jan-27	CH	03737404.8	1479258	2012-Mar-14	2023-Jan-27	
2002P00121WECZ		2003-Jan-27	CZ	03737404.8	1479258	2012-Mar-14	2023-Jan-27	
2002P00121WEDE		2003-Jan-27	DE	03737404.8	60340274.7	2012-Mar-14	2023-Jan-27	
2002P00121WEDK		2003-Jan-27	DK	03737404.8	1479258	2012-Mar-14	2023-Jan-27	
2002P00121WEEE		2003-Jan-27	EE	03737404.8	1479258	2012-Mar-14	2023-Jan-27	
2002P00121WEES		2003-Jan-27	ES	03737404.8	1479258	2012-Mar-14	2023-Jan-27	
2002P00121WEFI		2003-Jan-27	FI	03737404.8	1479258	2012-Mar-14	2023-Jan-27	
2002P00121WEFR		2003-Jan-27	FR	03737404.8	1479258	2012-Mar-14	2023-Jan-27	
2002P00121WEGB		2003-Jan-27	GB	03737404.8	1479258	2012-Mar-14	2023-Jan-27	
2002P00121WEGR		2003-Jan-27	GR	03737404.8	1479258	2012-Mar-14	2023-Jan-27	
2002P00121WEHU		2003-Jan-27	HU	03737404.8	1479258	2012-Mar-14	2023-Jan-27	
2002P00121WEIE		2003-Jan-27	IE	03737404.8	1479258	2012-Mar-14	2023-Jan-27	
2002P00121WEIT		2003-Jan-27	IT	03737404.8	1479258	2012-Mar-14	2023-Jan-27	
2002P00121WENL		2003-Jan-27	NL	03737404.8	1479258	2012-Mar-14	2023-Jan-27	
2002P00121WEPT		2003-Jan-27	PT	03737404.8	1479258	2012-Mar-14	2023-Jan-27	
2002P00121WESE		2003-Jan-27	SE	03737404.8	1479258	2012-Mar-14	2023-Jan-27	
2002P00121WETR		2003-Jan-27	TR	03737404.8	1479258	2012-Mar-14	2023-Jan-27	
2002P00121WOCN		2003-Jan-27	CN	03803551.0	03803551.0	2010-Jan-06	2023-Jan-27	
2002P00121WOJP		2003-Jan-27	JP	03-567122	4361804	2009-Aug-21	2023-Jan-27	
2002P00121WOKR		2003-Jan-27	KR	10-2004-7012165	10-0959801	2010-May-18	2023-Jan-27	
2002P00121WOUS		2003-Jan-27	US	10/503429	7554943	2009-Jun-30	2024-Dec-09	
2002P00680	US01 Interference Cancellation	2015-Nov-02	US	14/929572	10645709	2020-May-05	2025-Jul-09	2002-Sep-28
2002P00680WEDE	DE in MIMO Systems	2003-Sep-12	DE	03798276.6	60330975.5	2010-Jan-13	2023-Sep-12	
2002P00680WEFR		2003-Sep-12	FR	03798276.6	1547275	2010-Jan-13	2023-Sep-12	
2002P00680WEGB		2003-Sep-12	GB	03798276.6	1547275	2010-Jan-13	2023-Sep-12	
2002P00680WEIT		2003-Sep-12	IT	03798276.6	1547275	2010-Jan-13	2023-Sep-12	
2002P00680WOCN		2003-Sep-12	CN	03822938.2	03822938.2	2010-Dec-08	2023-Sep-12	
2002P00680WOJP		2003-Sep-12	JP	04-539296	4689271	2011-Feb-25	2023-Sep-12	
2002P00680WOKR		2003-Sep-12	KR	2005-7005175	10-1224347	2013-Jan-15	2023-Sep-12	
2002P00680WOUS		2003-Sep-12	US	10/528940	9178600	2015-Nov-03	2023-Sep-12	

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2005P03060 TW	Associated Paging	2006-Oct-27	TW	095139929	1440385	2014-Jun-01	2026-Oct-27	2005-Nov-01
2005P03060WEAT	Indicator	2006-Oct-26	AT	06809711.2	539590	2011-Dec-28	2026-Oct-26	2006-Jan-03
2005P03060WEBE		2006-Oct-26	BE	06809711.2	1946583	2011-Dec-28	2026-Oct-26	
2005P03060WECH		2006-Oct-26	CH	06809711.2	1946583	2011-Dec-28	2026-Oct-26	
2005P03060WECZ		2006-Oct-26	CZ	06809711.2	1946583	2011-Dec-28	2026-Oct-26	
2005P03060WEDE		2006-Oct-26	DE	06809711.2	602006026751.7	2011-Dec-28	2026-Oct-26	
2005P03060WEDK		2006-Oct-26	DK	06809711.2	1946583	2011-Dec-28	2026-Oct-26	
2005P03060WEES		2006-Oct-26	ES	06809711.2	1946583	2011-Dec-28	2026-Oct-26	
2005P03060WEFI		2006-Oct-26	FI	06809711.2	1946583	2011-Dec-28	2026-Oct-26	
2005P03060WEFR		2006-Oct-26	FR	06809711.2	1946583	2011-Dec-28	2026-Oct-26	
2005P03060WEGB		2006-Oct-26	GB	06809711.2	1946583	2011-Dec-28	2026-Oct-26	
2005P03060WEIT		2006-Oct-26	IT	06809711.2	1946583	2011-Dec-28	2026-Oct-26	
2005P03060WENL		2006-Oct-26	NL	06809711.2	1946583	2011-Dec-28	2026-Oct-26	
2005P03060WEPL		2006-Oct-26	PL	06809711.2	1946583	2011-Dec-28	2026-Oct-26	
2005P03060WESE		2006-Oct-26	SE	06809711.2	1946583	2011-Dec-28	2026-Oct-26	
2005P03060WETR		2006-Oct-26	TR	06809711.2	TR 2012 02811 T4	2011-Dec-28	2026-Oct-26	
2005P03060WOCN		2006-Oct-26	CN	200680040914.4	200680040914.4	2012-Mar-21	2026-Oct-26	
2005P03060WOIN		2006-Oct-26	IN	2162/CHENP/2008	276573	2016-Oct-26	2026-Oct-26	
2005P03060WOJP		2006-Oct-26	JP	08-537290	5178522	2013-Jan-18	2026-Oct-26	
2005P03060WOKR		2006-Oct-26	KR	10-2008-7010222	10-1270035	2013-May-27	2026-Oct-26	
2005P03060WOUS		2006-Oct-26	US	12/092284	8180380	2012-May-15	2029-Jun-23	
2007P01134 TW	Frequency shifting of distributed data transmission in OFDM	2008-Apr-29	TW	097115724	1502933	2015-Oct-01	2028-Apr-29	2007-May-02
2007P01134 US		2016-Aug-25	US	15/246915	RE48603	2021-Jun-22	2029-Jul-09	
2007P01134WEDE		2008-Apr-29	DE	08738021.8	602008013261.7	2012-Feb-08	2028-Apr-29	
2007P01134WEES		2008-Apr-29	ES	08738021.8	2153602	2012-Feb-08	2028-Apr-29	
2007P01134WEFR		2008-Apr-29	FR	08738021.8	2153602	2012-Feb-08	2028-Apr-29	
2007P01134WEGB		2008-Apr-29	GB	08738021.8	2153602	2012-Feb-08	2028-Apr-29	
2007P01134WEIT		2008-Apr-29	IT	08738021.8	2153602	2012-Feb-08	2028-Apr-29	
2007P01134WETR		2008-Apr-29	TR	08738021.8	TR 2012 04796 T4	2012-Feb-08	2028-Apr-29	
2007P01134WOCN		2008-Apr-29	CN	200880014384.5	200880014384.5	2013-Oct-30	2028-Apr-29	
2007P01134WOJP		2008-Apr-29	JP	10-504969	4910068	2012-Jan-20	2028-Apr-29	
2007P01134WOKR		2008-Apr-29	KR	10-2009-7024890	10-1469730	2014-Dec-01	2028-Apr-29	
2007P01134WOUS		2008-Apr-29	US	12/597525	8817896	2014-Aug-26	2029-Jul-09	
2009P01235 TW	Signalling Carrier with PDCCH location	2010-Jun-22	TW	099120303	1566622	2017-Jan-11	2030-Jun-22	2009-Jun-25
2009P01235 US		2016-Nov-14	US	15/350194	9883508	2018-Jan-30	2030-Aug-11	
2009P01235 US01		2018-Jan-29	US	15/882117	10588127	2020-Mar-10	2030-Jun-18	
2009P01235WEAL		2010-Jun-15	AL	10731580.6	2446685	2018-Oct-24	2030-Jun-15	
2009P01235WEAT		2010-Jun-15	AT	10731580.6	2446685	2018-Oct-24	2030-Jun-15	
2009P01235WEBE		2010-Jun-15	BE	10731580.6	2446685	2018-Oct-24	2030-Jun-15	
2009P01235WEBG		2010-Jun-15	BG	10731580.6	2446685	2018-Oct-24	2030-Jun-15	
2009P01235WECH		2010-Jun-15	CH	10731580.6	2446685	2018-Oct-24	2030-Jun-15	
2009P01235WECZ		2010-Jun-15	CZ	10731580.6	2446685	2018-Oct-24	2030-Jun-15	
2009P01235WEDE		2010-Jun-15	DE	10731580.6	2446685	2018-Oct-24	2030-Jun-15	
2009P01235WEDK		2010-Jun-15	DK	10731580.6	2446685	2018-Oct-24	2030-Jun-15	
2009P01235WEDE		2010-Jun-15	EE	10731580.6	2446685	2018-Oct-24	2030-Jun-15	
2009P01235WEES		2010-Jun-15	ES	10731580.6	2446685	2018-Oct-24	2030-Jun-15	
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2009P01235WEPL		2010-Jun-15	PL	10731580.6	2446685	2018-Oct-24	2030-Jun-15	
2009P01235WEPT		2010-Jun-15	PT	10731580.6	2446685	2018-Oct-24	2030-Jun-15	
2009P01235WERO		2010-Jun-15	RO	10731580.6	2446685	2018-Oct-24	2030-Jun-15	
2009P01235WESE		2010-Jun-15	SE	10731580.6	2446685	2018-Oct-24	2030-Jun-15	
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2009P01235WESM		2010-Jun-15	SM	10731580.6	2446685	2018-Oct-24	2030-Jun-15	
2009P01235WETR		2010-Jun-15	TR	10731580.6	2446685	2018-Oct-24	2030-Jun-15	
2009P01235WOCN		2010-Jun-15	CN	201080028272.2	201080028272.2	2017-May-24	2030-Jun-15	
2009P01235WOIN		2010-Jun-15	IN	521/CHENP/2012			2030-Jun-15	
2009P01235WOJP	2010-Jun-15	JP	2012-516903	5715124	2015-Mar-20	2030-Jun-15		
2009P01235WOKR	2010-Jun-15	KR	10-2012-7001787	10-1695873	2017-Jan-06	2030-Jun-15		
2009P01235WOUS	2010-Jun-15	US	13/380113	9497005	2016-Nov-15	2033-Feb-02		

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2008P00419 TW	Distributed scheduling	2009-Feb-03	TW	098103402	1517738	2016-Jan-11	2029-Feb-03	2008-Feb-06
2008P00419 US01	of resource units to	2013-Apr-10	US	13/859775	9578622	2017-Feb-21	2029-May-18	
2008P00419WEAT	exploit frequency	2009-Jan-29	AT	9708316.6	E57638	2012-Sep-19	2029-Jan-29	
2008P00419WEBE	diversity with efficient	2009-Jan-29	BE	9708316.6	2241154	2012-Sep-19	2029-Jan-29	
2008P00419WECH	signalling.	2009-Jan-29	CH	9708316.6	2241154	2012-Sep-19	2029-Jan-29	
2008P00419WECZ		2009-Jan-29	CZ	9708316.6	2241154	2012-Sep-19	2029-Jan-29	
2008P00419WEDE		2009-Jan-29	DE	9708316.6	602009009785.7	2012-Sep-19	2029-Jan-29	
2008P00419WEDK		2009-Jan-29	DK	9708316.6	2241154	2012-Sep-19	2029-Jan-29	
2008P00419WEES		2009-Jan-29	ES	9708316.6	2241154	2012-Sep-19	2029-Jan-29	
2008P00419WEFI		2009-Jan-29	FI	9708316.6	2241154	2012-Sep-19	2029-Jan-29	
2008P00419WEFR		2009-Jan-29	FR	9708316.6	2241154	2012-Sep-19	2029-Jan-29	
2008P00419WEGB		2009-Jan-29	GB	9708316.6	2241154	2012-Sep-19	2029-Jan-29	
2008P00419WEIT		2009-Jan-29	IT	9708316.6	2241154	2012-Sep-19	2029-Jan-29	
2008P00419WENL		2009-Jan-29	NL	9708316.6	2241154	2012-Sep-19	2029-Jan-29	
2008P00419WENO		2009-Jan-29	NO	9708316.6	2241154	2012-Sep-19	2029-Jan-29	
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2008P00419WESE		2009-Jan-29	SE	9708316.6	2241154	2012-Sep-19	2029-Jan-29	
2008P00419WETR		2009-Jan-29	TR	9708316.6	TR 2012 13221 T4	2012-Sep-19	2029-Jan-29	
2008P00419WOCN		2009-Jan-29	CN	200980104503.0	200980104503.0	2014-Sep-24	2029-Jan-29	
2008P00419WOIN		2009-Jan-29	IN	5432/CHENP/2010	398256	2022-May-31	2029-Jan-29	
2008P00419WOJP		2009-Jan-29	JP	10-545580	5341110	2013-Aug-16	2029-Jan-29	
2008P00419WOKR		2009-Jan-29	KR	10-2010-7019659	10-1669265	2016-Oct-19	2029-Jan-29	
2008P00419WOUS		2009-Jan-29	US	12/865462	8442540	2013-May-14	2029-May-07	
2008P00615 TW	Triggering Scheduling	2009-Mar-18	TW	098108811	1489808	2015-Jun-21	2029-Mar-18	2008-Mar-21
2008P00615 US01	Request	2013-Jul-10	US	13/938282	9603128	2017-Mar-21	2031-May-16	
2008P00615WEBE		2009-Mar-16	BE	9721742.6	2258135	2012-Sep-26	2029-Mar-16	
2008P00615WECH		2009-Mar-16	CH	9721742.6	2258135	2012-Sep-26	2029-Mar-16	
2008P00615WEDE		2009-Mar-16	DE	9721742.6	602009010015.7	2012-Sep-26	2029-Mar-16	
2008P00615WEES		2009-Mar-16	ES	9721742.6	2258135	2012-Sep-26	2029-Mar-16	
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2008P00615WEIT		2009-Mar-16	IT	9721742.6	2258135	2012-Sep-26	2029-Mar-16	
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2008P00615WEPL		2009-Mar-16	PL	9721742.6	2258135	2012-Sep-26	2029-Mar-16	
2008P00615WESE		2009-Mar-16	SE	9721742.6	2258135	2012-Sep-26	2029-Mar-16	
2008P00615WETR		2009-Mar-16	TR	9721742.6	2258135	2012-Sep-26	2029-Mar-16	
2008P00615WOCN		2009-Mar-16	CN	200980110386.9	200980110386.9	2013-Dec-18	2029-Mar-16	
2008P00615WOIN		2009-Mar-16	IN	6536/CHENP/2010	321257	2019-Sep-24	2029-Mar-16	
2008P00615WOJP		2009-Mar-16	JP	11-500334	5480236	2014-Feb-21	2029-Mar-16	
2008P00615WOKR		2009-Mar-16	KR	10-2010-7023324	10-1512993	2015-Apr-13	2029-Mar-16	
2008P00615WOUS		2009-Mar-16	US	12/933688	8509187	2013-Aug-13	2029-Oct-14	
2008P00616 CN	Transmission of	2009-Mar-16	CN	201611082249.7	201611082249.7	2023-Jun-20	2029-Mar-16	2008-Mar-21
2008P00616 TW	Scheduling Request	2009-Mar-18	TW	098108829	1468061	2015-Jan-01	2029-Mar-18	
2008P00616 US	after a Delay	2017-Jul-19	US	15/654079	RE48234	2020-Sep-29	2030-Feb-06	
2008P00616WEDE		2009-Mar-16	DE	09723267.2	2258136	2016-Jul-20	2029-Mar-16	
2008P00616WEFR		2009-Mar-16	FR	09723267.2	2258136	2016-Jul-20	2029-Mar-16	
2008P00616WEGB		2009-Mar-16	GB	09723267.2	2258136	2016-Jul-20	2029-Mar-16	
2008P00616WETR		2009-Mar-16	TR	09723267.2	2258136	2016-Jul-20	2029-Mar-16	
2008P00616WOIN		2009-Mar-16	IN	6533/CHENP/2010	328340	2019-Dec-27	2029-Mar-16	
2008P00616WOJP		2009-Mar-16	JP	11-500335	5480237	2014-Feb-21	2029-Mar-16	
2008P00616WOKR		2009-Mar-16	KR	10-2010-7023365	10-1595992	2016-Feb-15	2029-Mar-16	
2008P00616WOUS		2009-Mar-16	US	12/922698	9088998	2015-Jul-21	2030-Feb-06	
2008P00624 US01	Approximately	2013-Feb-14	US	13/766850	9307524	2016-Apr-05	2029-Mar-26	2008-Mar-26
2008P00624 US02	independent hash	2016-Apr-04	US	15/089829	10153883	2018-Dec-11	2029-Sep-12	
2008P00624WEBE	functions for search	2009-Mar-26	BE	09724441.2	2274944	2012-Jun-06	2029-Mar-26	
2008P00624WEDE	spaces	2009-Mar-26	DE	09724441.2	602009007487.3	2012-Jun-06	2029-Mar-26	
2008P00624WEES		2009-Mar-26	ES	09724441.2	2274944	2012-Jun-06	2029-Mar-26	
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2008P00624WOIN		2009-Mar-26	IN	6583/CHENP/2010	315119	2019-Jun-28	2029-Mar-26	
2008P00624WOJP		2009-Mar-26	JP	11-501335	5178908	2013-Jan-18	2029-Mar-26	
2008P00624WOKR		2009-Mar-26	KR	10-2010-7023658	10-1561434	2015-Oct-13	2029-Mar-26	
2008P00624WOUS		2009-Mar-26	US	12/933911	8385960	2013-Feb-26	2029-Oct-10	
2008P01277 JP	Buffer Status Recovery	2009-Aug-07	JP	2015-082905	6073402	2017-Jan-13	2029-Aug-07	2008-Aug-11
2008P01277 KR		2009-Aug-07	KR	10-2017-7015672	10-1879450	2018-Jul-11	2029-Aug-07	
2008P01277 US		2015-Nov-23	US	14/948897	9954654	2018-Apr-24	2029-Nov-23	
2008P01277WEDE		2009-Aug-07	DE	09786852.5	60 2009 039 362.f	2016-Jun-22	2029-Aug-07	
2008P01277WEFR		2009-Aug-07	FR	09786852.5	2314011	2016-Jun-22	2029-Aug-07	
2008P01277WEGB		2009-Aug-07	GB	09786852.5	2314011	2016-Jun-22	2029-Aug-07	
2008P01277WETR		2009-Aug-07	TR	09786852.5	2314011	2016-Jun-22	2029-Aug-07	
2008P01277WOCN		2009-Aug-07	CN	200980131247.4	200980131247.4	2014-Jul-16	2029-Aug-07	
2008P01277WOIN		2009-Aug-07	IN	1557/CHENP/2011	330382	2020-Jan-27	2029-Aug-07	
2008P01277WOKR		2009-Aug-07	KR	10-2011-7005537	10-1999852	2019-Jul-15	2029-Aug-07	
2008P01277WOUS		2009-Aug-07	US	13/058092	9198263	2015-Nov-24	2030-Feb-25	

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2008P01287 US01	Robust signalling for	2013-Dec-04	US	14/096674	9565592	2017-Feb-07	2030-Jan-26	2008-Aug-12
2008P01287WEDE	semi-persistent	2009-Aug-07	DE	09786853.3	60 2009 032 127.7	2015-Jul-08	2029-Aug-07	
2008P01287WEES	scheduling	2009-Aug-07	ES	09786853.3	2324677	2015-Jul-08	2029-Aug-07	
2008P01287WEFR		2009-Aug-07	FR	09786853.3	2324677	2015-Jul-08	2029-Aug-07	
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2008P01287WEIT		2009-Aug-07	IT	09786853.3	2324677	2015-Jul-08	2029-Aug-07	
2008P01287WENL		2009-Aug-07	NL	09786853.3	2324677	2015-Jul-08	2029-Aug-07	
2008P01287WETR		2009-Aug-07	TR	09786853.3	2324677	2015-Jul-08	2029-Aug-07	
2008P01287WOCN		2009-Aug-07	CN	200980131361.7	200980131361.7	2014-Aug-20	2029-Aug-07	
2008P01287WOIN		2009-Aug-07	IN	1687/CHENP/2011	344036	2020-Aug-13	2029-Aug-07	
2008P01287WOJP		2009-Aug-07	JP	2011-522586	5647119	2014-Nov-14	2029-Aug-07	
2008P01287WOKR		2009-Aug-07	KR	10-2011-7005656	10-1613238	2016-Apr-11	2029-Aug-07	
2008P01287WOUS		2009-Aug-07	US	13/058260	9119094	2015-Aug-25	2030-Jun-23	
2009P00897 JP	PDCCH search space	2010-Apr-22	JP	2014-182097	5993911	2016-Aug-26	2030-Apr-22	2009-Apr-29
2009P00897 TW	supporting carrier	2010-Apr-26	TW	099113199	1507065	2015-Nov-01	2030-Apr-26	
2009P00897WEAT	aggregation	2010-Apr-22	AT	10719101.7	2425669	2018-Sep-12	2030-Apr-22	
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2009P00897WENO		2010-Apr-22	NO	10719101.7	2425669	2018-Sep-12	2030-Apr-22	
2009P00897WEPL		2010-Apr-22	PL	10719101.7	2425669	2018-Sep-12	2030-Apr-22	
2009P00897WEPT		2010-Apr-22	PT	10719101.7	2425669	2018-Sep-12	2030-Apr-22	
2009P00897WERO		2010-Apr-22	RO	10719101.7	2425669	2018-Sep-12	2030-Apr-22	
2009P00897WESE		2010-Apr-22	SE	10719101.7	2425669	2018-Sep-12	2030-Apr-22	
2009P00897WESI		2010-Apr-22	SI	10719101.7	2425669	2018-Sep-12	2030-Apr-22	
2009P00897WESK		2010-Apr-22	SK	10719101.7	2425669	2018-Sep-12	2030-Apr-22	
2009P00897WESM		2010-Apr-22	SM	10719101.7	2425669	2018-Sep-12	2030-Apr-22	
2009P00897WETR		2010-Apr-22	TR	10719101.7	2425669	2018-Sep-12	2030-Apr-22	
2009P00897WOBR		2010-Apr-22	BR	PI 1007085-0	PI 1007085-0	2021-Jan-19	2031-Jan-19	
2009P00897WOCN		2010-Apr-22	CN	201080018911.7	201080018911.7	2016-Mar-30	2030-Apr-22	
2009P00897WOIN		2010-Apr-22	IN	8546/CHENP/2011			2030-Apr-22	
2009P00897WOJP		2010-Apr-22	JP	2012-507862	5643811	2014-Nov-07	2030-Apr-22	
2009P00897WOKR		2010-Apr-22	KR	10-2011-7028140	10-1707792	2017-Feb-13	2030-Apr-22	
2009P00897WORU		2010-Apr-22	RU	2011148405	2527077	2014-Aug-27	2030-Apr-22	
2009P00897WOUS		2010-Apr-22	US	13/318009	9392592	2016-Jul-12	2031-Mar-24	
2009P01221 TW	Antenna Configuration	2010-Jun-18	TW	099119984	1526090	2016-Mar-11	2030-Jun-18	2009-Jun-23
2009P01221 US	for Co-operative	2015-Jun-22	US	14/745956	9584205	2017-Feb-28	2030-Jun-14	
2009P01221 US01	Beamforming	2017-Feb-27	US	15/442863	10044422	2018-Aug-07	2030-Jun-14	
2009P01221 US02		2018-Aug-06	US	16/055876	11190242	2021-Nov-30	2030-Jun-14	
2009P01221WEDE		2010-Jun-14	DE	10730538.5	60 2010 067 790.7	2021-Nov-10	2030-Jun-14	
2009P01221WEES		2010-Jun-14	ES	10730538.5	2446549	2021-Nov-10	2030-Jun-14	
2009P01221WEFR		2010-Jun-14	FR	10730538.5	2446549	2021-Nov-10	2030-Jun-14	
2009P01221WEGB		2010-Jun-14	GB	10730538.5	2446549	2021-Nov-10	2030-Jun-14	
2009P01221WEIT		2010-Jun-14	IT	10730538.5	2446549	2021-Nov-10	2030-Jun-14	
2009P01221WETR		2010-Jun-14	TR	10730538.5	2446549	2021-Nov-10	2030-Jun-14	
2009P01221WOAU		2010-Jun-14	AU	2010264227	2010264227	2016-Feb-25	2030-Jun-14	
2009P01221WOBR		2010-Jun-14	BR	PI 1010138-1	PI 1010138-1	2021-Feb-09	2031-Feb-09	
2009P01221WOCA		2010-Jun-14	CA	2766310	2766310	2018-Jan-30	2030-Jun-14	
2009P01221WOCN		2010-Jun-14	CN	201080028266.7	201080028266.7	2016-Aug-03	2030-Jun-14	
2009P01221WOID		2010-Jun-14	ID	IB2010/052633	W-00 2011 04674	2016-Dec-21	2030-Jun-14	
2009P01221WOIN		2010-Jun-14	IN	378/CHENP/2012	345980	2020-Sep-03	2030-Jun-14	
2009P01221WOJP		2010-Jun-14	JP	2012-516894	5705843	2015-Mar-06	2030-Jun-14	
2009P01221WORU		2010-Jun-14	RU	2012102060	2549196	2015-Apr-20	2030-Jun-14	
2009P01221WOUS		2010-Jun-14	US	13/379231	9065512	2015-Jun-23	2031-Dec-25	

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2009P01233 TW	Search Space Adaptation	2010-Jun-22	TW	099120301	1507003	2015-Nov-01	2030-Jun-22	2009-Jun-25
2009P01233WEDE		2010-Jun-23	DE	10728366.5	60 2010 024 636.1	2015-May-13	2030-Jun-23	
2009P01233WEES		2010-Jun-23	ES	10728366.5	2446574	2015-May-13	2030-Jun-23	
2009P01233WEFR		2010-Jun-23	FR	10728366.5	2446574	2015-May-13	2030-Jun-23	
2009P01233WEGB		2010-Jun-23	GB	10728366.5	2446574	2015-May-13	2030-Jun-23	
2009P01233WEIT		2010-Jun-23	IT	10728366.5	2446574	2015-May-13	2030-Jun-23	
2009P01233WETR		2010-Jun-23	TR	10728366.5	2446574	2015-May-13	2030-Jun-23	
2009P01233WOAU		2010-Jun-23	AU	2010264133	2010264133	2016-Aug-25	2030-Jun-23	
2009P01233WOBR		2010-Jun-23	BR	PI 1009694-9	PI 1009694-9	2021-Jan-26	2031-Jan-26	
2009P01233WOCA		2010-Jun-23	CA	2766311	2766311	2019-Mar-26	2030-Jun-23	
2009P01233WOCN		2010-Jun-23	CN	201080028280.7	201080028280.7	2015-Oct-21	2030-Jun-23	
2009P01233WOID		2010-Jun-23	ID	W-00201104726	W-00201104726	2016-May-17	2030-Jun-23	
2009P01233WOIN		2010-Jun-23	IN	520/CHENP/2012	318689	2019-Aug-22	2030-Jun-23	
2009P01233WOJP		2010-Jun-23	JP	2012-516897	5719357	2015-Mar-27	2030-Jun-23	
2009P01233WOKR		2010-Jun-23	KR	10-2012-7001533	10-1743769	2017-May-30	2030-Jun-23	
2009P01233WORU		2010-Jun-23	RU	2012102395	2557790	2015-Jul-27	2030-Jun-23	
2009P01233WOUS		2010-Jun-23	US	13/379866	8873486	2014-Oct-28	2030-Oct-23	
2009P01463 TW	UE assumptions on	2010-Aug-13	TW	099127156	1530109	2016-Apr-11	2030-Aug-13	2009-Aug-18
2009P01463 US	interference	2010-Aug-18	US	12/858933	9113480	2015-Aug-18	2032-Jun-11	2010-Apr-06
2009P01463 US01		2015-Aug-12	US	14/824109	9397768	2016-Jul-19	2030-Aug-18	
2009P01463WEDE		2010-Jul-28	DE	10745413.4	60 2010 039 999.C	2017-Feb-08	2030-Jul-28	
2009P01463WEES		2010-Jul-28	ES	10745413.4	2467965	2017-Feb-08	2030-Jul-28	
2009P01463WEFR		2010-Jul-28	FR	10745413.4	2467965	2017-Feb-08	2030-Jul-28	
2009P01463WEGB		2010-Jul-28	GB	10745413.4	2467965	2017-Feb-08	2030-Jul-28	
2009P01463WEIT		2010-Jul-28	IT	10745413.4	2467965	2017-Feb-08	2030-Jul-28	
2009P01463WETR		2010-Jul-28	TR	10745413.4	2467965	2017-Feb-08	2030-Jul-28	
2009P01463WOBR		2010-Jul-28	BR	BR 11 2012 003559-R 11 2012 003559	2021-Aug-24	2030-Jul-28		
2009P01463WOCN		2010-Jul-28	CN	201080036517.6	201080036517.6	2015-Aug-26	2030-Jul-28	
2009P01463WOIN		2010-Jul-28	IN	1517/CHENP/2012	392867	2022-Mar-24	2030-Jul-28	
2009P01463WOJP		2010-Jul-28	JP	2012-525229	5715131	2015-Mar-20	2030-Jul-28	
2009P01463WOKR		2010-Jul-28	KR	10-2012-7006756	10-1714768	2017-Mar-03	2030-Jul-28	
2009P01463WORU		2010-Jul-28	RU	2012110250	2552640	2015-Jun-10	2030-Jul-28	
2009P01464 TW	DRS Sequence Hopping	2010-Aug-13	TW	099127157	1539860	2016-Jun-21	2030-Aug-13	2009-Aug-18
2009P01464 US		2010-Aug-18	US	12/858963	10158470	2018-Dec-18	2031-Jul-25	2009-Oct-06
2009P01464WEDE		2010-Jul-28	DE	10745415.9	60 2010 031 752.F	2016-Mar-30	2030-Jul-28	2009-Oct-13
2009P01464WEFR		2010-Jul-28	FR	10745415.9	2467985	2016-Mar-30	2030-Jul-28	2009-Oct-15
2009P01464WEGB		2010-Jul-28	GB	10745415.9	2467985	2016-Mar-30	2030-Jul-28	
2009P01464WETR		2010-Jul-28	TR	10745415.9	2467985	2016-Mar-30	2030-Jul-28	
2009P01464WOBR		2010-Jul-28	BR	BR 11 2012 003454-SR 11 2012 003454	2021-Aug-24	2030-Jul-28		
2009P01464WOCN		2010-Jul-28	CN	201080036518.0	201080036518.0	2015-Nov-25	2030-Jul-28	
2009P01464WOIN		2010-Jul-28	IN	1516/CHENP/2012	361703	2021-Mar-17	2030-Jul-28	
2009P01464WOJP		2010-Jul-28	JP	2012-525230	5731508	2015-Apr-17	2030-Jul-28	
2009P01464WOKR		2010-Jul-28	KR	10-2012-7006968	10-1681052	2016-Nov-24	2030-Jul-28	
2009P01464WORU		2010-Jul-28	RU	2012110222	2539181	2015-Jan-20	2030-Jul-28	
2009P01585 JP	Channel Measurements	2010-Oct-01	JP	2015-149602	6297525	2018-Mar-02	2030-Oct-01	2009-Oct-08
2009P01585 TW	with Dedicated	2010-Oct-05	TW	099133899	1535230	2016-May-21	2030-Oct-05	
2009P01585 US	Reference Symbols	2010-Oct-01	US	12/896140	8885746	2014-Nov-11	2032-Sep-01	
2009P01585WEDE		2010-Oct-01	DE	10771525.2	2486671	2018-Dec-12	2030-Oct-01	
2009P01585WEFR		2010-Oct-01	FR	10771525.2	2486671	2018-Dec-12	2030-Oct-01	
2009P01585WEGB		2010-Oct-01	GB	10771525.2	2486671	2018-Dec-12	2030-Oct-01	
2009P01585WETR		2010-Oct-01	TR	10771525.2	2486671	2018-Dec-12	2030-Oct-01	
2009P01585WOCN		2010-Oct-01	CN	201080045260.0	201080045260.0	2015-Feb-25	2030-Oct-01	
2009P01585WOIN		2010-Oct-01	IN	3131/CHENP/2012	411347	2022-Nov-11	2030-Oct-01	
2009P01585WOJP		2010-Oct-01	JP	2012-532699	5856961	2015-Dec-18	2030-Oct-01	
2009P01585WOKR		2010-Oct-01	KR	10-2012-7011501	10-1782077	2017-Sep-20	2030-Oct-01	
2009P01585WORU		2010-Oct-01	RU	2012118616	2551897	2015-Jun-10	2030-Oct-01	
1997P00499 US	Synchronisation	1998-Aug-27	US	09/141643	6307863	2001-Oct-23	2018-Aug-27	1997-Sep-05
1997P00499WEDE	Transmission Method	1998-Aug-13	DE	98936600.0	69835274.2	2006-Jul-19	2018-Aug-13	
1997P00499WEFR		1998-Aug-13	FR	98936600.0	0937343	2006-Jul-19	2018-Aug-13	
1997P00499WEGB		1998-Aug-13	GB	98936600.0	0937343	2006-Jul-19	2018-Aug-13	
1997P00499WOCN		1998-Aug-13	CN	98801670.2	98801670.2	2003-Oct-08	2018-Aug-13	
1997P00499WOJP		1998-Aug-13	JP	99-515277	4198198	2008-Oct-10	2018-Aug-13	
1997P00499WOKR		1998-Aug-13	KR	10-1999-7003954	564068	2006-Mar-20	2018-Aug-13	
1998P00099 CN	Fast Uplink Signalling in	1999-Jun-21	CN	99109519.7	100385966	2008-Apr-30	2019-Jun-21	1998-Jun-25
1998P00099 IN	a Wireless Network (II)	1999-Jun-23	IN	676/MAS/99	210272	2007-Sep-25	2019-Jun-23	
1998P00099 JP		1999-Jun-24	JP	99-178992	4321915	2009-Jun-12	2019-Jun-24	
1998P00099 KR		1999-Jun-24	KR	10-1999-0023941	10-0692321	2007-Mar-02	2019-Jun-24	
1998P00099 TW		1999-Jul-12	TW	88111781	NI-138731	2001-Dec-07	2019-Jul-12	
1998P00099 US		1999-Jun-21	US	09/337847	6546062	2003-Apr-08	2019-Jun-21	
1998P00099EPDE		1999-Jun-18	DE	99201946.3	59914258.8	2007-Mar-21	2019-Jun-18	
1998P00099EPFR		1999-Jun-18	FR	99201946.3	0967742	2007-Mar-21	2019-Jun-18	
1998P00099EPGB		1999-Jun-18	GB	99201946.3	0967742	2007-Mar-21	2019-Jun-18	
1998P00099EPIT		1999-Jun-18	IT	99201946.3	0967742	2007-Mar-21	2019-Jun-18	

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1998P01414 TW	Use of Escape	1998-May-29	TW	87108465	109553	2000-Apr-13	2018-May-29	1998-May-26
1998P01414 US	Sequences in	1999-May-24	US	09/316994	6574247	2003-Jun-03	2019-May-24	
1998P01414 US01	Transmission	2003-Apr-08	US	10/409438	7154917	2006-Dec-26	2020-May-02	
1998P01414 US02		2006-Sep-27	US	11/535639	7756166	2010-Jul-13	2021-Feb-15	
1998P01414 WEDE		1999-May-20	DE	99918239.7	69936702.6	2007-Aug-01	2019-May-20	
1998P01414 WEFR		1999-May-20	FR	99918239.7	1000479	2007-Aug-01	2019-May-20	
1998P01414 WEGB		1999-May-20	GB	99918239.7	1000479	2007-Aug-01	2019-May-20	
1998P01414 WOCN		1999-May-20	CN	99800839.7	99800839.7	2014-Oct-15	2019-May-20	
1998P01414 WOIN		1999-May-20	IN	IN/PCT/00/00007	212932	2008-Feb-05	2019-May-20	
1998P01414 WOJP		1999-May-20	JP	00-551510	4361691	2009-Aug-21	2019-May-20	
1998P01414 WOKR		1999-May-20	KR	10-2000-7000758	10-0621165	2006-Aug-30	2019-May-20	
1998P01414 WOSG		1999-May-20	SG	200000350.9	70519	2004-Oct-29	2019-May-20	
2000P00297 CN	Traffic Volume	2001-May-16	CN	01121805.3	01121805.3	2009-Sep-09	2021-May-16	2000-May-19
2000P00297 IN	Measurement	2001-May-21	IN	413/MAS/2001	219291	2008-Apr-28	2021-May-21	
2000P00297 JP	Reporting	2001-May-18	JP	01-149831	4699633	2011-Mar-11	2021-May-18	
2000P00297 KR		2001-May-18	KR	10-2001-0027256	10-0783602	2007-Dec-03	2021-May-18	
2000P00297 TW		2001-Jul-05	TW	090116499	186398	2004-Jan-29	2021-Jul-05	
2000P00297 US		2001-May-15	US	09/855577	7023823	2006-Apr-04	2023-Jun-30	
2000P00297 EPDE		2001-May-17	DE	01000151.9	501 16 489.8	2015-Jul-08	2021-May-17	
2000P00297 EPFR		2001-May-17	FR	01000151.9	1161046	2015-Jul-08	2021-May-17	
2000P00297 EPGB		2001-May-17	GB	01000151.9	1161046	2015-Jul-08	2021-May-17	
2000P00297 EPIT		2001-May-17	IT	01000151.9	1161046	2015-Jul-08	2021-May-17	
2001P00350 TW	Parallel Power Control	2001-Oct-17	TW	090125673	171906	2003-Jun-10	2021-Oct-17	2001-Jan-13
2001P00350 US		2002-Jan-11	US	10/043532	8428636	2013-Apr-23	2027-Apr-08	
2001P00350 WEDE		2001-Dec-14	DE	01273151.9	60124015.4	2006-Oct-18	2021-Dec-14	
2001P00350 WEES		2001-Dec-14	ES	01273151.9	1354426	2006-Oct-18	2021-Dec-14	
2001P00350 WEFR		2001-Dec-14	FR	01273151.9	1354426	2006-Oct-18	2021-Dec-14	
2001P00350 WEGB		2001-Dec-14	GB	01273151.9	1354426	2006-Oct-18	2021-Dec-14	
2001P00350 WEIT		2001-Dec-14	IT	01273151.9	1354426	2006-Oct-18	2021-Dec-14	
2001P00350 WOIN		2001-Dec-14	CN	01809128.8	01809128.8	2007-Apr-04	2021-Dec-14	
2001P00350 WOIN		2001-Dec-14	IN	IN/PCT/02/01444	213112	2007-Dec-20	2021-Dec-14	
2001P00350 WOJP		2001-Dec-14	JP	2002-557039	4104980	2008-Apr-04	2021-Dec-14	
2001P00350 WOKR		2001-Dec-14	KR	10-2002-7012005	10-874834	2008-Dec-12	2021-Dec-14	
2001P00350 WOMX		2001-Dec-14	MX	02008857	240905	2006-Oct-09	2021-Dec-14	
2010P00324 TW	Mitigation of Control	2011-Feb-11	TW	100104662	1491213	2015-Jul-01	2031-Feb-11	2010-Feb-15
2010P00324 US	Channel Interference	2016-Feb-29	US	15/056341	10123308	2018-Nov-06	2031-Feb-09	
2010P00324 WEDE		2011-Feb-09	DE	11710874.6	60 2011 019 813.0	2015-Sep-16	2031-Feb-09	
2010P00324 WEFR		2011-Feb-09	FR	11710874.6	2537282	2015-Sep-16	2031-Feb-09	
2010P00324 WEGB		2011-Feb-09	GB	11710874.6	2537282	2015-Sep-16	2031-Feb-09	
2010P00324 WETR		2011-Feb-09	TR	11710874.6	2537282	2015-Sep-16	2031-Feb-09	
2010P00324 WOCN		2011-Feb-09	CN	201180009662.X	201180009662.X	2015-Nov-25	2031-Feb-09	
2010P00324 WOJP		2011-Feb-09	JP	2012-552511	5735010	2015-Apr-24	2031-Feb-09	
2010P00324 WOKR		2011-Feb-09	KR	10-2012-7023923	10-1823339	2018-Jan-24	2031-Feb-09	
2010P00324 WOUS		2011-Feb-09	US	13/576951	9276724	2016-Mar-01	2031-Dec-25	
2006P02031 US01	Space-time Coding	2014-Feb-20	US	14/184833	8971458	2015-Mar-03	2027-Aug-21	2006-Aug-21
2006P02031 WEDE	Applied to Multi-site	2007-Aug-21	DE	07826075.9	60 2007 047 208.3	2016-Jul-27	2027-Aug-21	
2006P02031 WEFR	and Multi-Beam	2007-Aug-21	FR	07826075.9	2057754	2016-Jul-27	2027-Aug-21	
2006P02031 WEGB	Transmission	2007-Aug-21	GB	07826075.9	2057754	2016-Jul-27	2027-Aug-21	
2006P02031 WOCN		2007-Aug-21	CN	200780031237.4	200780031237.4	2013-Sep-11	2027-Aug-21	
2006P02031 WOIN		2007-Aug-21	IN	929/CHENP/2009	298876	2018-Jul-16	2027-Aug-21	
2006P02031 WOJP		2007-Aug-21	JP	09-525160	5567338	2014-Jun-27	2027-Aug-21	
2006P02031 WOKR		2007-Aug-21	KR	10-2009-7003329	10-1507760	2015-Mar-26	2027-Aug-21	
2006P02031 WOUS		2007-Aug-21	US	12/438149	8665987	2014-Mar-04	2030-Jan-02	
2008P00622 US	Implicit Reconfiguration	2014-Oct-06	US	14/507342	9693346	2017-Jun-27	2029-Jul-23	2008-Mar-27
2008P00622 WEDE	of PDCCH Search Space	2009-Mar-26	DE	09723961.0	602009010644.9	2012-Oct-24	2029-Mar-26	
2008P00622 WEES		2009-Mar-26	ES	09723961.0	2274861	2012-Oct-24	2029-Mar-26	
2008P00622 WEFR		2009-Mar-26	FR	09723961.0	2274861	2012-Oct-24	2029-Mar-26	
2008P00622 WEGB		2009-Mar-26	GB	09723961.0	2274861	2012-Oct-24	2029-Mar-26	
2008P00622 WEIT		2009-Mar-26	IT	09723961.0	2274861	2012-Oct-24	2029-Mar-26	
2008P00622 WENL		2009-Mar-26	NL	09723961.0	2274861	2012-Oct-24	2029-Mar-26	
2008P00622 WETR		2009-Mar-26	TR	09723961.0	2274861	2012-Oct-24	2029-Mar-26	
2008P00622 WOCN		2009-Mar-26	CN	200980111053.8	200980111053.8	2014-Nov-19	2029-Mar-26	
2008P00622 WOIN		2009-Mar-26	IN	6636/CHENP/2010	364605	2021-Apr-13	2029-Mar-26	
2008P00622 WOJP		2009-Mar-26	JP	11-501334	5178907	2013-Jan-18	2029-Mar-26	
2008P00622 WOKR		2009-Mar-26	KR	10-2010-7023647	10-1531377	2015-Jun-18	2029-Mar-26	
2008P00622 WOUS		2009-Mar-26	US	12/933913	9173212	2015-Oct-27	2030-Jan-17	
2010P00333 JP	Reuse of Release 8 LTE	2011-Feb-11	JP	2017-080275	6515128	2019-Apr-19	2031-Feb-11	2010-Feb-15
2010P00333 KR	codebook design for	2011-Feb-11	KR	10-2017-7013809	10-1819911	2018-Jan-12	2031-Feb-11	
2010P00333 WEDE	Release 10	2011-Feb-11	DE	11707709.9	2537263	2021-Jan-27	2031-Feb-11	
2010P00333 WEFR		2011-Feb-11	FR	11707709.9	2537263	2021-Jan-27	2031-Feb-11	
2010P00333 WEGB		2011-Feb-11	GB	11707709.9	2537263	2021-Jan-27	2031-Feb-11	
2010P00333 WOCN		2011-Feb-11	CN	201180009651.1	201180009651.1	2016-Feb-17	2031-Feb-11	
2010P00333 WOJP		2011-Feb-11	JP	2012-553425	6353188	2018-Jun-15	2031-Feb-11	
2010P00333 WOUS		2011-Feb-11	US	13/577265	9036727	2015-May-19	2031-Jul-28	
2000P00623 US	Improved Data	2001-Nov-28	US	09/995467	7167690	2007-Jan-23	2023-Dec-25	2000-Dec-02
2000P00623 WEDE	Transmission in MIMO	2001-Nov-22	DE	01999054.8	60132621.0	2008-Jan-23	2021-Nov-22	
2000P00623 WEFR	Systems	2001-Nov-22	FR	01999054.8	1346495	2008-Jan-23	2021-Nov-22	
2000P00623 WEGB		2001-Nov-22	GB	01999054.8	1346495	2008-Jan-23	2021-Nov-22	
2000P00623 WEIT		2001-Nov-22	IT	01999054.8	1346495	2008-Jan-23	2021-Nov-22	
2000P00623 WOJP		2001-Nov-22	JP	02-546317	4027799	2007-Oct-19	2021-Nov-22	
2000P00623 WOKR		2001-Nov-22	KR	10-2002-7009912	10-860951	2008-Sep-24	2021-Nov-22	

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2006P00916WEDE	Improvements to reporting of channel quality indicators	2007-Mar-19	DE	07735166.6	602007023934.6	2012-Jul-11	2027-Mar-19	2006-Mar-20	
2006P00916WEES		2007-Mar-19	ES	07735166.6	1999874	2012-Jul-11	2027-Mar-19		
2006P00916WEFR		2007-Mar-19	FR	07735166.6	1999874	2012-Jul-11	2027-Mar-19		
2006P00916WEGB		2007-Mar-19	GB	07735166.6	1999874	2012-Jul-11	2027-Mar-19		
2006P00916WEIT		2007-Mar-19	IT	07735166.6	1999874	2012-Jul-11	2027-Mar-19		
2006P00916WOCN		2007-Mar-19	CN	200780010163.6	200780010163.6	2013-May-08	2027-Mar-19		
2006P00916WOIN		2007-Mar-19	IN	4981/CHENP/2008	284270	2017-Jun-15	2027-Mar-19		
2006P00916WOJP		2007-Mar-19	JP	09-500995	5427025	2013-Dec-06	2027-Mar-19		
2006P00916WOKR		2007-Mar-19	KR	10-2008-7022706	10-1493669	2015-Feb-10	2027-Mar-19		
2006P00916WOUS	2007-Mar-19	US	12/293289	10686553	2020-Jun-16	2030-Oct-29			
2007P00407 TW	Flexible MAC Header	2008-Jan-04	TW	97100513	1521927	2016-Feb-11	2028-Jan-04	2007-Jan-09	
2007P00407 US		2015-Feb-10	US	14/618031	9887926	2018-Feb-06	2028-Jan-07		
2007P00407 US01		2018-Feb-02	US	15/887402	10652161	2020-May-12	2028-Jan-07		
2007P00407WEDE		2008-Jan-07	DE	08700206.9	602008006530.8	2011-Apr-27	2028-Jan-07		
2007P00407WEFR		2008-Jan-07	FR	08700206.9	2119142	2011-Apr-27	2028-Jan-07		
2007P00407WEGB		2008-Jan-07	GB	08700206.9	2119142	2011-Apr-27	2028-Jan-07		
2007P00407WOCN		2008-Jan-07	CN	200880001979.7	200880001979.7	2012-Sep-05	2028-Jan-07		
2007P00407WOIN		2008-Jan-07	IN	4608/CHENP/2009	335717	2020-Apr-21	2028-Jan-07		
2007P00407WOJP		2008-Jan-07	JP	09-544481	5357051	2013-Sep-06	2028-Jan-07		
2007P00407WOKR		2008-Jan-07	KR	10-2009-7014097	10-1453256	2014-Oct-15	2028-Jan-07		
2007P00407WOUS		2008-Jan-07	US	12/522049	8953519	2015-Feb-10	2030-Feb-27		
2012P02419 KR01		PUCCH and SRS	2021-Mar-30	KR	10-2021-0041309	10-2407885	2022-Jun-07	2032-Aug-31	2012-Aug-31
2012P02419 WOUS			2013-Aug-30	US	14/418232	9680619	2017-Jun-13	2033-Sep-05	
2009P02023 KR02	Active Set Update	2009-Jun-26	KR	10-2009-0057928	10-1562295	2015-Oct-15	2029-Jun-26	2009-Jun-05	
2009P02023 US		2010-Jun-04	US	12/802379	8521159	2013-Aug-27	2031-Jun-09		
2008P02029 KR	Codebook Index Feedback	2009-Sep-11	KR	10-2009-0085724	10-1594815	2016-Feb-11	2029-Sep-11	2008-Oct-20	
2008P02029 US01		2009-Oct-19	US	12/581201	8649455	2014-Feb-11	2031-Jul-19		
2009P02027 CN	Relayed Transmission Timing	2010-Oct-22	CN	201010530104	201010530104	2014-Oct-22	2030-Oct-22	2009-Oct-23	
2009P02027 TW		2010-Oct-22	TW	99136122	1486018	2015-May-21	2030-Oct-22		
2009P02027 US01		2010-Oct-22	US	12/909867	8599738	2013-Dec-03	2031-Dec-15		
2009P02027EPEU		2011-Oct-20	EU	11185910.4	2445263	2024-Jul-31	2031-Oct-20		
2009P02027EPGB		2011-Oct-20	GB	11185910.4	2445263	2024-Jul-31	2031-Oct-20		
2009P02027EPTR		2011-Oct-20	TR	11185910.4	2445263	2024-Jul-31	2031-Oct-20		
2013P02495 US05		Determining an Optimized Scale Factor	2014-Jul-04	US	16/553,595	10,672,412	2020-Jun-02	2034-Jul-04	2013-Jul-12
2013P02495 US06			2014-Jul-04	US	16/556,332	10,783,895	2020-Sep-22	2034-Jul-04	
2013P02495WEDE	2014-Jul-04		DE	602014006746.8	3020043	2017-Feb-08	2034-Jul-04		
2013P02495WEFR	2014-Jul-04		FR	14749907.3	3020043	2017-Feb-08	2034-Jul-04		
2013P02495WEGB	2014-Jul-04		GB	14749907.3	3020043	2017-Feb-08	2034-Jul-04		
2013P02495WOBR	2014-Jul-04		BR	11 2016 000337-3	11 2016 000337-3	2021-Feb-23	2034-Jul-04		
2013P02495WOCA	2014-Jul-04		CA	CA20142917795	2917795	2021-Nov-30	2034-Jul-04		
2013P02495WOCN	2014-Jul-04		CN	201480039594.5	201480039594.5	2019-Sep-13	2034-Jul-04		
2013P02495WOIN	2014-Jul-04		IN	201617001252	501211	2024-Jan-19	2034-Jul-04		
2013P02495WOJP	2014-Jul-04		JP	2016-524867	6487429	2019-Mar-01	2034-Jul-04		
2013P02495WOKR	2014-Jul-04		KR	10-2016-7003307	10-2315639	2021-Oct-15	2034-Jul-04		
2013P02495WOMX	2014-Jul-04		MX	MX/A/2016/000255	354394	2018-Feb-23	2034-Jul-04		
2013P02495WORU	2014-Jul-04		RU	2016104466	2668058	2018-Sep-25	2034-Jul-04		
2013P02495WOUS	2014-Jul-04		US	14/904,555	10,446,163	2019-Oct-15	2034-Oct-18		
2013P02495 BR	Applying an Exponential Smoothing		2014-Jul-04	BR	12 2017 018557-8	12 2017 018557-8	2021-Aug-03	2034-Jul-04	2013-Jul-12
2013P02495 CA		2014-Jul-04	CA	3108921	3108921	2024-Jan-24	2034-Jul-04		
2013P02495 CN		2014-Jul-04	CN	201710730366.8	201710730366.8	2022-Jan-04	2034-Jul-04		
2013P02495 IN		2014-Jul-04	IN	202112016477	544958	2024-Jul-15	2034-Jul-04		
2013P02495 JP		2014-Jul-04	JP	2017-145792	6515147	2019-Apr-19	2034-Jul-04		
2013P02495 KR		2014-Jul-04	KR	10-2017-7024526	10-2423081	2022-Jul-15	2034-Jul-04		
2013P02495 MX		2014-Jul-04	MX	MX/A/2018/001176	409834	2024-Jan-22	2034-Jul-04		
2013P02495 RU		2014-Jul-04	RU	2017144515	2756435	2021-Sep-30	2034-Jul-04		
2013P02495 US		2014-Jul-04	US	15/715,733	10,438,599	2019-Oct-08	2034-Jul-04		
2013P02495 US04		2014-Jul-04	US	16/546,898	10,943,594	2021-Mar-09	2034-Jul-04		
2013P02495 BR01		Using a Truncated Linear Prediction Filter	2014-Jul-04	BR	12 2017 018556-0	12 2017 018556-0	2022-Mar-29	2034-Jul-04	2013-Jul-12
2013P02495 CA01			2014-Jul-04	CA	3109028	3109028	2024-Jan-24	2034-Jul-04	
2013P02495 CN01			2014-Jul-04	CN	201710729750.6	201710729750.6	2021-Mar-30	2034-Jul-04	
2013P02495 IN01			2014-Jul-04	IN	202112016478	545673	2024-Jul-23	2034-Jul-04	
2013P02495 JP01	2014-Jul-04		JP	2017-175592	6515157	2019-Apr-19	2034-Jul-04		
2013P02495 KR01	2014-Jul-04		KR	10-2017-7024524	10-2319881	2021-Oct-26	2034-Jul-04		
2013P02495 MX01	2014-Jul-04		MX	MX/A/2018/001175	409835	2024-Jan-22	2034-Jul-04		
2013P02495 RU01	2014-Jul-04		RU	2017144518	2751104	2021-Jul-08	2034-Jul-04		
2013P02495 US01	2014-Jul-04		US	15/715785	10354664	2019-Jul-16	2034-Jul-04		
2013P02495 BR02	Applying a Smoothing Adaptive over Time		2014-Jul-04	BR	12 2017 018553-5	12 2017 018553-5	2022-Apr-19	2034-Jul-04	2013-Jul-12
2013P02495 CA02		2014-Jul-04	CA	3108924	3108924	2024-Jan-24	2034-Jul-04		
2013P02495 CN02		2014-Jul-04	CN	201710730367.2	201710730367.2	2022-Feb-11	2034-Jul-04		
2013P02495 IN02		2014-Jul-04	IN	202112016476	536303	2024-Apr-30	2034-Jul-04		
2013P02495 JP02		2014-Jul-04	JP	2017-175593	6515158	2019-Apr-19	2034-Jul-04		
2013P02495 KR02		2014-Jul-04	KR	10-2017-7024532	10-2343019	2021-Dec-21	2034-Jul-04		
2013P02495 MX02		2014-Jul-04	MX	MX/A/2018/001174	398533	2022-Dec-15	2034-Jul-04		
2013P02495 RU02		2014-Jul-04	RU	2017144519	2756434	2021-Sep-30	2034-Jul-04		
2013P02495 US02		2014-Jul-04	US	15/715819	10438600	2019-Oct-08	2034-Jul-04		
2013P02495 US03		2014-Jul-04	US	16/542440	10943593	2021-Mar-09	2034-Jul-04		

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2013P02496WEAL	Resampling an Audio	2014-Sep-26	AL	14796207.0	3053163	2022-Nov-09	2034-Sep-26	2013-Sep-30
2013P02496WEAT	Frequency Signal	2014-Sep-26	AT	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WEBE		2014-Sep-26	BE	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WEBG		2014-Sep-26	BG	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WECH		2014-Sep-26	CH	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WECY		2014-Sep-26	CY	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WECZ		2014-Sep-26	CZ	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WEDE		2014-Sep-26	DE	14796207.0	60 2014 085 490.7	2022-Nov-09	2034-Sep-26	
2013P02496WEDK		2014-Sep-26	DK	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WEEE		2014-Sep-26	EE	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WEES		2014-Sep-26	ES	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WEFI		2014-Sep-26	FI	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WEFR		2014-Sep-26	FR	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WEGB		2014-Sep-26	GB	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WEGR		2014-Sep-26	GR	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WEHR		2014-Sep-26	HR	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WEHU		2014-Sep-26	HU	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WEIE		2014-Sep-26	IE	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WEIS		2014-Sep-26	IS	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WEIT		2014-Sep-26	IT	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WELT		2014-Sep-26	LT	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WELU		2014-Sep-26	LU	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WELV		2014-Sep-26	LV	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WEMC		2014-Sep-26	MC	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WEMK		2014-Sep-26	MK	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WEMT		2014-Sep-26	MT	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WENL		2014-Sep-26	NL	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WENO		2014-Sep-26	NO	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WEPL		2014-Sep-26	PL	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WEPT		2014-Sep-26	PT	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WERO		2014-Sep-26	RO	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WERS		2014-Sep-26	RS	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WESE		2014-Sep-26	SE	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WESI		2014-Sep-26	SI	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WESK		2014-Sep-26	SK	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WESM		2014-Sep-26	SM	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WETR		2014-Sep-26	TR	14796207.0	3053163	2022-Nov-09	2034-Sep-26	
2013P02496WOBR		2014-Sep-26	BR	11 2016 006447-0	11 2016 006447-0	2021-Dec-25	2034-Sep-26	
2013P02496WOCN		2014-Sep-26	CN	201480053813.5	201480053813.5	2020-Mar-27	2034-Sep-26	
2013P02496WOIN		2014-Sep-26	IN	201647010763	464286	2023-Oct-31	2034-Sep-26	
2013P02496WOJP		2014-Sep-26	JP	2016-518091	6559658	2019-Jul-26	2034-Sep-26	
2013P02496WOMX		2014-Sep-26	MX	MX/A/2016/003902	93156	2017-Nov-22	2034-Sep-26	
2013P02496WORU		2014-Sep-26	RU	2016117073	2679228	2019-Feb-06	2034-Sep-26	
2013P02496WOUS		2014-Sep-26	US	15/025138	10403296	2019-Sep-03	2036-Jul-16	
2013P02496WOZA		2014-Sep-26	ZA	2016/02919	2016/02919	2019-Apr-24	2034-Sep-26	

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2013P02496 BR	Resampling due to	2014-Sep-26	BR	12 2017 018551-9	12 2017 018551-9	2022-Feb-12	2034-Sep-26	2013-Sep-30
2013P02496 CN	Switching Between Two	2014-Sep-26	CN	201710730282.4	201710730282.4	2021-Jul-30	2034-Sep-26	
2013P02496EPAL	Coding Modes	2014-Sep-26	AL	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPAT		2014-Sep-26	AT	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPBE		2014-Sep-26	BE	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPBG		2014-Sep-26	BG	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPCH		2014-Sep-26	CH	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPCY		2014-Sep-26	CY	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPCZ		2014-Sep-26	CZ	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPDE		2014-Sep-26	DE	17206561.7	60 2014 085 514.8	2022-Nov-09	2034-Sep-26	
2013P02496EPDK		2014-Sep-26	DK	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPEE		2014-Sep-26	EE	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPES		2014-Sep-26	ES	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPEF		2014-Sep-26	FI	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPPR		2014-Sep-26	FR	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPGB		2014-Sep-26	GB	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPGR		2014-Sep-26	GR	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPHR		2014-Sep-26	HR	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPHU		2014-Sep-26	HU	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPIE		2014-Sep-26	IE	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPII		2014-Sep-26	IS	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPIJ		2014-Sep-26	IT	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPIK		2014-Sep-26	LT	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPLU		2014-Sep-26	LU	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPLV		2014-Sep-26	LV	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPMC		2014-Sep-26	MC	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPMK		2014-Sep-26	MK	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPMN		2014-Sep-26	MT	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPNL		2014-Sep-26	NL	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPNO		2014-Sep-26	NO	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPPL		2014-Sep-26	PL	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPPR		2014-Sep-26	PT	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPRO		2014-Sep-26	RO	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPRS		2014-Sep-26	RS	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPSE		2014-Sep-26	SE	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPSI		2014-Sep-26	SI	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPSK		2014-Sep-26	SK	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPSM		2014-Sep-26	SM	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPTR		2014-Sep-26	TR	17206561.7	3330964	2022-Nov-09	2034-Sep-26	
2013P02496EPIN		2014-Sep-26	IN	202142016480	511233	2024-Feb-15	2034-Sep-26	
2013P02496EPJP		2014-Sep-26	JP	2017-145793	6559741	2019-Jul-26	2034-Sep-26	
2013P02496EPKR		2014-Sep-26	KR	10-2017-7024336	10-2505502	2023-Feb-27	2034-Sep-26	
2013P02496EPKR01		2014-Sep-26	KR	10-2021-7037251	10-2514983	2023-Mar-23	2034-Sep-26	
2013P02496EPKR02		2014-Sep-26	KR	10-2021-7037252	10-2505501	2023-Feb-27	2034-Sep-26	
2013P02496EPKR03		2014-Sep-26	KR	10-2022-7046263	10-2638785	2024-Feb-15	2034-Sep-26	
2013P02496EPMX		2014-Sep-26	MX	MX/A/2018/001704	376858	2020-Nov-03	2034-Sep-26	
2013P02496EPRU		2014-Sep-26	RU	2017144520	2017144520	2021-Jul-20	2034-Sep-26	
2013P02496EPUA		2014-Sep-26	US	15/668922	10566004	2020-Feb-18	2035-Feb-17	
2013P02496EPZA		2014-Sep-26	ZA	2017/05245	2017/05245	2018-Aug-29	2034-Sep-26	

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2014P02035WEAL	Extending a Frequency	2015-Feb-04	AL	15705687.0	3103116	2021-May-05	2035-Feb-04	2014-Feb-07
2014P02035WEAT	Band	2015-Feb-04	AT	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WEBE		2015-Feb-04	BE	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WEBG		2015-Feb-04	BG	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WECH		2015-Feb-04	CH	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WECZ		2015-Feb-04	CZ	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WEDE		2015-Feb-04	DE	15705687.0	60 2015 068 913.5	2021-May-05	2035-Feb-04	
2014P02035WEDK		2015-Feb-04	DK	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WEEE		2015-Feb-04	EE	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WEES		2015-Feb-04	ES	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WEFI		2015-Feb-04	FI	15705687.0	3103116	2021-May-05	2035-Feb-04	
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2014P02035WEGB		2015-Feb-04	GB	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WEGR		2015-Feb-04	GR	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WEHR		2015-Feb-04	HR	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WEHU		2015-Feb-04	HU	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WEIE		2015-Feb-04	IE	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WEIS		2015-Feb-04	IS	15705687.0	3103116	2021-May-05	2035-Feb-04	
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2014P02035WELT		2015-Feb-04	LT	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WELU		2015-Feb-04	LU	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WELV		2015-Feb-04	LV	15705687.0	3103116	2021-May-05	2035-Feb-04	
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2014P02035WESE		2015-Feb-04	SE	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WESI		2015-Feb-04	SI	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WESK		2015-Feb-04	SK	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WESM		2015-Feb-04	SM	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WETR		2015-Feb-04	TR	15705687.0	3103116	2021-May-05	2035-Feb-04	
2014P02035WOBR		2015-Feb-04	BR	11 2016 017616-2	11 2016 017616-2	2023-Mar-28	2035-Feb-04	
2014P02035WOCN		2015-Feb-04	CN	201580007250	201580007250	2020-May-05	2035-Feb-04	
2014P02035WOIN		2015-Feb-04	IN	201647025980	435083	2023-Jun-16	2035-Feb-04	
2014P02035WOJP		2015-Feb-04	JP	2016-549732	6625544	2019-Dec-06	2035-Feb-04	
2014P02035WOKR		2015-Feb-04	KR	KR20167024350	10-2016-7024350	2022-Mar-24	2035-Feb-04	
2014P02035WOMX		2015-Feb-04	MX	MX/A/2016/010214	93152	2017-Nov-22	2035-Feb-04	
2014P02035WORU		2015-Feb-04	RU	2016136008	2682923	2019-Mar-22	2035-Feb-04	
2014P02035WOUS		2015-Feb-04	US	15/117100	10043525	2018-Aug-07	2035-Feb-04	
2014P02035WOZA		2015-Feb-04	ZA	2016/06173	2016/06173	2018-Nov-28	2035-Feb-04	

Internal reference	Title	Filing date	Country	Application	Grant	Grant date	Expiry Date	Priority date
2014P02035 BR	Selecting Tonal	2015-Feb-04	BR	12 2017 027991-2	12 2017 027991-2	2024-Mar-12	2035-Feb-04	2014-Feb-07
2014P02035 CN	Components whose	2015-Feb-04	CN	201711459702.6	201711459702.6	2021-Dec-07	2035-Feb-04	
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2014P02035EPAT	Threshold	2015-Feb-04	AT	17206563.3	3330966	2023-Jul-26	2035-Feb-04	
2014P02035EPBE		2015-Feb-04	BE	17206563.3	3330966	2023-Jul-26	2035-Feb-04	
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2014P02035EPCY		2015-Feb-04	CY	17206563.3	3330966	2023-Jul-26	2035-Feb-04	
2014P02035EPCZ		2015-Feb-04	CZ	17206563.3	3330966	2023-Jul-26	2035-Feb-04	
2014P02035EPDE		2015-Feb-04	DE	17206563.3	3330966	2023-Jul-26	2035-Feb-04	
2014P02035EPDK		2015-Feb-04	DK	17206563.3	3330966	2023-Jul-26	2035-Feb-04	
2014P02035EPEE		2015-Feb-04	EE	17206563.3	3330966	2023-Jul-26	2035-Feb-04	
2014P02035EPES		2015-Feb-04	ES	17206563.3	3330966	2023-Jul-26	2035-Feb-04	
2014P02035EPEFI		2015-Feb-04	FI	17206563.3	3330966	2023-Jul-26	2035-Feb-04	
2014P02035EPEFR		2015-Feb-04	FR	17206563.3	3330966	2023-Jul-26	2035-Feb-04	
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2014P02035EPHU		2015-Feb-04	HU	17206563.3	3330966	2023-Jul-26	2035-Feb-04	
2014P02035EPIE		2015-Feb-04	IE	17206563.3	3330966	2023-Jul-26	2035-Feb-04	
2014P02035EPIIS		2015-Feb-04	IS	17206563.3	3330966	2023-Jul-26	2035-Feb-04	
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2014P02035EPLIT		2015-Feb-04	LT	17206563.3	3330966	2023-Jul-26	2035-Feb-04	
2014P02035EPLU		2015-Feb-04	LU	17206563.3	3330966	2023-Jul-26	2035-Feb-04	
2014P02035EPLV		2015-Feb-04	LV	17206563.3	3330966	2023-Jul-26	2035-Feb-04	
2014P02035EPMC		2015-Feb-04	MC	17206563.3	3330966	2023-Jul-26	2035-Feb-04	
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2014P02035EPMT		2015-Feb-04	MT	17206563.3	3330966	2023-Jul-26	2035-Feb-04	
2014P02035EPNL		2015-Feb-04	NL	17206563.3	3330966	2023-Jul-26	2035-Feb-04	
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2014P02035 JP		2015-Feb-04	JP	2019-107007	6775063	2020-Oct-07	2035-Feb-04	
2014P02035 KR03		2015-Feb-04	KR	10-2022-7007471	10-2510685	2023-Mar-13	2035-Feb-04	
2014P02035 MX		2015-Feb-04	MX	MX/A/2016/010214	395838	2022-Sep-23	2035-Feb-04	
2014P02035 RU		2015-Feb-04	RU	2017144521	2017144521	2021-Nov-01	2035-Feb-04	
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2014P02035 US03		2015-Feb-04	US	16/926,818	11,312,164	2022-Apr-26	2035-Feb-04	
2014P02035 BR01	Using Energy Level	2015-Feb-04	BR	12 2017 028149-6	12 2017 028149-6	2023-Aug-15	2035-Feb-04	2014-Feb-07
2014P02035 CN01	Control Factors	2015-Feb-04	CN	201711459695.X	201711459695.X	2022-Mar-29	2035-Feb-04	
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2014P02035EPNL01		2015-Feb-04	NL	17206567.4	3330967	2024-Apr-10	2035-Feb-04	
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2014P02035 JP01		2015-Feb-04	JP	2019-107008	6775064	2020-Oct-07	2035-Feb-04	
2014P02035 KR01		2015-Feb-04	KR	10-2017-7037706	10-2380487	2022-Mar-25	2035-Feb-04	
2014P02035 MX01		2015-Feb-04	MX	MX/A/2017/015655	372311	2020-Mar-17	2035-Feb-04	
2014P02035 RU01		2015-Feb-04	RU	2017144522	2017144522	2021-Nov-01	2035-Feb-04	
2014P02035 US04		2015-Feb-04	US	16/939,104	11,325,407	2022-Apr-20	2035-Feb-04	
2014P02035 ZA01		2015-Feb-04	ZA	2017/08367			2035-Feb-04	
2014P02035 BR02	Applying De-Emphasis	2015-Feb-04	BR	12 2017 028041-4	12 2017 028041-4	2023-Aug-15	2035-Feb-04	2014-Feb-07
2014P02035 CN02	Filtering and Bandpass	2015-Feb-04	CN	201711459701.1	201711459701.1	2022-May-17	2035-Feb-04	
2014P02035EPCH02	Filtering	2015-Feb-04	CH	17206569.0	3327722	2024-Apr-10	2035-Feb-04	
2014P02035EPDE02		2015-Feb-04	DE	17206569.0	3327722	2024-Apr-10	2035-Feb-04	
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2014P02035 JP02		2015-Feb-04	JP	2019-107009	6775065	2020-Oct-07	2035-Feb-04	
2014P02035 KR02		2015-Feb-04	KR	10-2017-7037710	10-2426029	2022-Jul-22	2035-Feb-04	
2014P02035 MX02		2015-Feb-04	MX	MX/A/2017/015657	381498	2021-Apr-14	2035-Feb-04	
2014P02035 RU02		2015-Feb-04	RU	2017144523	2017144523	2021-Nov-01	2035-Feb-04	
2014P02035 US02		2015-Feb-04	US	15/869560	10668760	2020-Jun-02	2035-Feb-04	
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Internal reference	Title	Filing date	Country	Application	Grant	Grant date	Expiry Date	Priority date
1999P00222WEDE	Random Access Request	2000-Jun-29	DE	00952978.5	60042208.9	2009-May-13	2020-Jun-29	1999-Jul-03
1999P00222WEFR		2000-Jun-29	FR	00952978.5	1198899	2009-May-13	2020-Jun-29	
1999P00222WEGB		2000-Jun-29	GB	00952978.5	1198899	2009-May-13	2020-Jun-29	
1999P00222WEIT		2000-Jun-29	IT	00952978.5	1198899	2009-May-13	2020-Jun-29	
1999P00222WOCN		2000-Jun-29	CN	00801903.7	00801903.7	2009-May-20	2020-Jun-29	
1999P00222WOJP		2000-Jun-29	JP	01-508071	4574919	2010-Aug-27	2020-Jun-29	
1999P00222WOKR		2000-Jun-29	KR	10-2001-7002746	10-0766882	2007-Oct-08	2020-Jun-29	
1999P00222WOUS		2000-Jun-29	US	09/763845	7746915	2010-Jun-29	2022-Nov-10	
2000P00670WEDE	An Adaptive Downlink	2001-Aug-31	DE	01980329.5	60107700.8	2004-Dec-08	2021-Aug-31	2000-Sep-15
2000P00670WEFR	Message Transfer	2001-Aug-31	FR	01980329.5	1317826	2004-Dec-08	2021-Aug-31	
2000P00670WEGB	Mechanism	2001-Aug-31	GB	01980329.5	1317826	2004-Dec-08	2021-Aug-31	
2000P00670WOCN		2001-Aug-31	CN	01803578.7	1328888	2007-Jul-25	2021-Aug-31	
2000P00670WOJP		2001-Aug-31	JP	02-527135	4667710	2011-Jan-21	2021-Aug-31	
2000P00670WOKR		2001-Aug-31	KR	10-2002-7006190	10-818070	2008-Mar-25	2021-Aug-31	
2000P00670 US		2001-Aug-31	US	09/944304	6963764	2005-Nov-08	2023-Mar-14	
2009P00833 TW	Variable Periodicity	2010-Apr-13	TW	099111489	1516156	2016-Jan-01	2030-Apr-13	2009-Apr-16
2009P00833 US	of buffer status reports	2016-Dec-16	US	15/381181	11310691	2022-Mar-30	2030-Apr-12	
2009P00833 US01		2016-Dec-16	US	17/693921	11,882,428	2024-Jan-23	2030-Apr-12	
2009P00833WEAT		2010-Apr-12	AT	10717258.7	2420029	2021-Feb-24	2030-Apr-12	
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2009P00833WECZ		2010-Apr-12	CZ	10717258.7	2420029	2021-Feb-24	2030-Apr-12	
2009P00833WEDE		2010-Apr-12	DE	10717258.7	2420029	2021-Feb-24	2030-Apr-12	
2009P00833WEDK		2010-Apr-12	DK	10717258.7	2420029	2021-Feb-24	2030-Apr-12	
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2009P00833WOIN		2010-Apr-12	IN	8250/CHENP/2011	344976	2020-Aug-25	2030-Apr-12	
2009P00833WOJP		2010-Apr-12	JP	2012-505269	5642155	2014-Nov-07	2030-Apr-12	
2009P00833WOKR		2010-Apr-12	KR	10-2011-7027041	10-1659714	2016-Sep-20	2030-Apr-12	
2009P00833WORU		2010-Apr-12	RU	2011146324	2550529	2015-May-10	2030-Apr-12	
2009P00833WOUS		2010-Apr-12	US	13/264611	9559923	2017-Jan-31	2031-May-10	
2004P01673 US01	Relay Discovery Process	2005-Jul-11	US	13/438884	RE46001	2016-May-10	2027-Apr-03	2004-Jul-22
2004P01673WEDE		2005-Jul-11	DE	05758888.1	60 2005 023736.4	2010-Sep-22	2025-Jul-11	
2004P01673WEFR		2005-Jul-11	FR	05758888.1	1774709	2010-Sep-22	2025-Jul-11	
2004P01673WEGB		2005-Jul-11	GB	05758888.1	1774709	2010-Sep-22	2025-Jul-11	
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2004P01673WOUS		2005-Jul-11	US	11/572276	7826420	2010-Nov-02	2027-Apr-03	
2004P02124WEDE	Relay UE Operation	2005-Sep-21	DE	05801360.8	60 2005 024995.8	2010-Nov-24	2025-Sep-21	2004-Sep-29
2004P02124WEFR		2005-Sep-21	FR	05801360.8	1797673	2010-Nov-24	2025-Sep-21	
2004P02124WEGB		2005-Sep-21	GB	05801360.8	1797673	2010-Nov-24	2025-Sep-21	
2004P02124WOCN		2005-Sep-21	CN	200580032870.6	200580032870.6	2009-Sep-16	2025-Sep-21	
2004P02124WOJP		2005-Sep-21	JP	2007-534136	4734335	2011-Apr-28	2025-Sep-21	
2004P02124WOUS		2005-Sep-21	US	11/575777	9119227	2015-Aug-25	2028-Mar-21	
2007P00482WEDE	Optimal Channel	2008-Jan-15	DE	08702434.5	60 2008 041 240.7	2015-Nov-18	2028-Jan-15	2007-Jan-16
2007P00482WEFR	Selection	2008-Jan-15	FR	08702434.5	2123077	2015-Nov-18	2028-Jan-15	
2007P00482WEGB		2008-Jan-15	GB	08702434.5	2123077	2015-Nov-18	2028-Jan-15	
2007P00482WOCN		2008-Jan-15	CN	200880002424.4	200880002424.4	2013-Nov-06	2028-Jan-15	
2007P00482WOIN		2008-Jan-15	IN	4721/CHENP/2009	294118	2018-Mar-12	2028-Jan-15	
2007P00482WOJP		2008-Jan-15	JP	09-545286	5558108	2014-Jun-13	2028-Jan-15	
2007P00482WOKR		2008-Jan-15	KR	10-2009-7014591	10-1490146	2015-Jan-30	2028-Jan-15	
2007P00482WOUS		2008-Jan-15	US	12/522955	8446865	2013-May-21	2029-Aug-10	
2004P00389WEDE	Beaconing Protocol	2005-Feb-02	DE	05702877.1	60 2005 034404.7	2012-May-30	2025-Feb-02	2004-Feb-06
2004P00389WOCN		2005-Feb-02	CN	200580004154.7	200580004154.7	2013-Jun-19	2025-Feb-02	
2004P00389WOUS		2005-Feb-02	US	10/597391	7724713	2010-May-25	2027-Sep-19	

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2004P01105WEDE	Distributed Resources	2005-May-04	DE	05733771.9	60 2005 054 245.0	2018-Jul-11	2025-May-04	2004-May-07
2004P01105WEFR	Reservation	2005-May-04	FR	05733771.9	1747646	2018-Jul-11	2025-May-04	
2004P01105WEGB		2005-May-04	GB	05733771.9	1747646	2018-Jul-11	2025-May-04	
2004P01105WETR		2005-May-04	TR	05733771.9	1747646	2018-Jul-11	2025-May-04	
2004P01105WOCN		2005-May-04	CN	200580014594.0	200580014594.0	2012-Dec-05	2025-May-04	
2004P01105WOJP		2005-May-04	JP	2007-512655	4768729	2011-Jun-24	2025-May-04	
2004P01105WOUS		2005-May-04	US	11/568583	8400960	2013-Mar-19	2028-Feb-27	
2004P01324WEDE	Sidelink Resource	2005-Jun-10	DE	05751665.0	60 2005 012505.1	2009-Jan-21	2025-Jun-10	2004-Jun-15
2004P01324WEFR	Allocation Mode 1	2005-Jun-10	FR	05751665.0	1759548	2009-Jan-21	2025-Jun-10	
2004P01324WEGB		2005-Jun-10	GB	05751665.0	1759548	2009-Jan-21	2025-Jun-10	
2004P01324WOCN		2005-Jun-10	CN	200580019509.X	200580019509.X	2009-Dec-23	2025-Jun-10	
2004P01324WOIN		2005-Jun-10	IN	4620/CHENP/2006	262265	2014-Aug-11	2025-Jun-10	
2004P01324WOJP		2005-Jun-10	JP	2007-516120	5065890	2012-Aug-17	2025-Jun-10	
2004P01324WOUS		2005-Jun-10	US	11/570447	9973936	2018-May-15	2030-May-13	
2004P02125WEDE	Sidelink Relay	2005-Sep-21	DE	05801347.5	60 2005 034218.4	2012-May-16	2025-Sep-21	2004-Sep-29
2004P02125WEFR		2005-Sep-21	FR	05801347.5	1807978	2012-May-16	2025-Sep-21	
2004P02125WEGB		2005-Sep-21	GB	05801347.5	1807978	2012-May-16	2025-Sep-21	
2004P02125WOJP		2005-Sep-21	JP	2007-534137	4734336	2011-Apr-28	2025-Sep-21	
2004P02125WOUS		2005-Sep-21	US	11/576169	9078260	2015-Jul-07	2030-Nov-04	
2004P02312WEDE	Sidelink Quality	2005-Oct-06	DE	05787432.3	60 2005 018667.0	2009-Dec-30	2025-Oct-06	2004-Oct-09
2004P02312WEFR	Reporting	2005-Oct-06	FR	05787432.3	1800437	2009-Dec-30	2025-Oct-06	
2004P02312WEGB		2005-Oct-06	GB	05787432.3	1800437	2009-Dec-30	2025-Oct-06	
2004P02312WOCN		2005-Oct-06	CN	200580034215.4	200580034215.4	2009-Aug-05	2025-Oct-06	
2004P02312WOJP		2005-Oct-06	JP	2007-535317	5074192	2012-Aug-31	2025-Oct-06	
2004P02312WOUS		2005-Oct-06	US	11/576751	10448455	2019-Oct-15	2030-Mar-15	
2007P00669WOCN	Sidelink Relay (ii)	2008-Feb-15	CN	200880005284.6	200880005284.6	2013-Mar-27	2028-Feb-15	2007-Feb-15
2007P00669WOUS		2008-Feb-15	US	12/526,363	8233505	2012-Jul-31	2028-Aug-31	
2008P00693 TW	Pre-empting Data	2009-Apr-08	TW	098111701	1479819	2015-Apr-01	2029-Apr-08	2008-Apr-09
2008P00693 WEDE	Transmission in a	2009-Apr-07	DE	09731379.5	60 2009 004400.1	2011-Dec-28	2029-Apr-07	2009-Mar-16
2008P00693 WEES	Discovery Channel	2009-Apr-07	ES	09731379.5	2272286	2011-Dec-28	2029-Apr-07	
2008P00693 WEFR		2009-Apr-07	FR	09731379.5	2272286	2011-Dec-28	2029-Apr-07	
2008P00693 WEGB		2009-Apr-07	GB	09731379.5	2272286	2011-Dec-28	2029-Apr-07	
2008P00693 WEIT		2009-Apr-07	IT	09731379.5	2272286	2011-Dec-28	2029-Apr-07	
2008P00693 WOCN		2009-Apr-07	CN	200980112646.6	200980112646.6	2013-Sep-11	2029-Apr-07	
2008P00693 WOIN		2009-Apr-07	IN	7097/CHENP/2010	342180	2020-Jul-22	2029-Apr-07	
2008P00693 WOJP		2009-Apr-07	JP	2011-503532	5449321	2014-Jan-10	2029-Apr-07	
2008P00693 WOKR		2009-Apr-07	KR	10-2010-7024892	10-1529474	2015-Jun-11	2029-Apr-07	
2008P00693 WOUS		2009-Apr-07	US	12/937,004		2014-May-27	2030-May-04	
2016P01495 US	System Information	2016-Jun-30	US	16/236,234	11,197,318	2021-Dec-07	2036-Aug-03	2016-Jun-30
2016P01495WEDE	Acquisition	2016-Jun-30	DE	16906738.6	60 2016 076 138.6	2022-Nov-02	2036-Jun-30	
2016P01495WEES		2016-Jun-30	ES	16906738.6	3481107	2022-Nov-02	2036-Jun-30	
2016P01495WEFR		2016-Jul-01	FR	16906738.6	3481107	2022-Nov-02	2036-Jun-30	
2016P01495WEGB		2016-Jul-02	GB	16906738.6	3481107	2022-Nov-02	2036-Jun-30	
2016P01495WEIT		2016-Jul-03	IT	16906738.6	3481107	2022-Nov-02	2036-Jun-30	
2016P01495WENL		2016-Jul-04	NL	16906738.6	3481107	2022-Nov-02	2036-Jun-30	
2016P01495WETR		2016-Jul-05	TR	16906738.6	3481107	2022-Nov-02	2036-Jun-30	
2016P01495WOCN		2016-Jul-06	CN	201680000690.8	106171011	2019-Jul-05	2036-Jun-30	
2016P01495WOID		2016-Jul-07	ID	P-00201900547			2036-Jun-30	
2016P01495WOIN		2016-Jul-08	IN	201937000179	499524	2024-Jan-15	2036-Jun-30	
2016P01495WOKR		2016-Jul-09	KR	10-2018-7029915	10-2141070	2020-Jul-29	2036-Jun-30	
2016P01495WOSG		2016-Jul-10	SG	11201811641V	11201811641V	2023-Feb-24	2036-Jun-30	
2017P02843WOCN	Cross-Carrier Scheduling	2017-Aug-11	CN	201780000839.7	109451854	2021-Feb-19	2037-Aug-11	2017-Aug-11
2017P02843WOJP		2017-Aug-11	JP	2019-571364	6917480	2021-Jul-21	2037-Aug-11	
2017P02843WOKR		2017-Aug-11	KR	10-2019-7038233	10-2321488	2021-Oct-28	2037-Aug-11	
2017P02843WOUS		2017-Aug-11	US	16/636,880	11,310,820	2022-Apr-19	2037-Nov-19	
2017P02844WEDE	System Message	2017-Jun-26	DE	17916189.8	3606250	2022-Mar-16	2037-Jun-26	2017-Jun-26
2017P02844WEES		2017-Jun-26	ES	17916189.8	3606250	2022-Mar-16	2037-Jun-26	
2017P02844WEFR		2017-Jun-26	FR	17916189.8	3606250	2022-Mar-16	2037-Jun-26	
2017P02844WEGB		2017-Jun-26	GB	17916189.8	3606250	2022-Mar-16	2037-Jun-26	
2017P02844WEIT		2017-Jun-26	IT	17916189.8	3606250	2022-Mar-16	2037-Jun-26	
2017P02844WENL		2017-Jun-26	NL	17916189.8	3606250	2022-Mar-16	2037-Jun-26	
2017P02844WOCN		2017-Jun-26	CN	201780000501.1	108353362	2021-Mar-30	2037-Jun-26	
2017P02844WOIN		2017-Jun-26	IN	201947042377	496464	2024-Jan-09	2037-Jun-26	
2017P02844WOUS		2017-Jun-26	US	16/499,112	11,259,317	2022-Feb-22	2037-Nov-16	
2017P02845 CN	Interference Coordination	2017-Jul-07	CN	202010476091.1	202010476091.1	2024-Apr-02	2037-Jul-07	2017-Jul-07
2017P02845WEDE		2017-Jul-07	DE	17916655.8	60 2017 057 164.4	2022-May-04	2037-Jul-07	
2017P02845WEES		2017-Jul-07	ES	17916655.8	3651530	2022-May-04	2037-Jul-07	
2017P02845WEFR		2017-Jul-07	FR	17916655.8	3651530	2022-May-04	2037-Jul-07	
2017P02845WEGB		2017-Jul-07	GB	17916655.8	3651530	2022-May-04	2037-Jul-07	
2017P02845WEIT		2017-Jul-07	IT	17916655.8	3651530	2022-May-04	2037-Jul-07	
2017P02845WENL		2017-Jul-07	NL	17916655.8	3651530	2022-May-04	2037-Jul-07	
2017P02845WOBR		2017-Jul-07	BR	112019028231			2037-Jul-07	
2017P02845WOCN		2017-Jul-07	CN	201780000735.6	107466487	2020-Jun-02	2037-Jul-07	
2017P02845WOID		2017-Jul-07	ID	P-00202000203	IDP000090442	2023-Nov-01	2037-Jul-07	
2017P02845WOIN		2017-Jul-07	IN	201927053725	481376	2023-Dec-12	2037-Jul-07	
2017P02845WOJP		2017-Jul-07	JP	2019-553091	6806926	2021-Jan-06	2037-Jul-07	
2017P02845WOKR		2017-Jul-07	KR	10-2019-7026495	10-2251841	2021-May-07	2037-Jul-07	
2017P02845WOSG		2017-Jul-07	SG	11202000109U			2037-Jul-07	
2017P02845WOUS		2017-Jul-07	US	16/626,597	11,356,139	2022-Jun-07	2038-Apr-03	
2017P02846 US	Random Access	2017-Aug-16	US	16/782,914	11,363,639	2022-Jun-14	2037-Dec-25	2017-Aug-16
2017P02846WE		2017-Aug-16	EP	17922035.5			2037-Aug-16	
2017P02846WOCN		2017-Aug-16	CN	201780001371.3	108476480	2021-Jun-04	2037-Aug-16	
2017P02846WOIN		2017-Aug-16	IN	202047010900	493228	2024-Jan-02	2037-Aug-16	
2017P02847WOCN	System Message	2017-May-12	CN	201780000373.0	108476385	2021-Nov-02	2037-May-12	2017-May-12
2017P02847WOIN		2017-May-12	IN	201947051180			2037-May-12	
2017P02847WOUS		2017-May-12	US	16/612,493	11,218,990	2022-Jan-04	2037-Aug-01	

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2017P02848WE	Data Packet Discard	2017-Jul-25	EP	17919487.3			2037-Jul-25	2017-Jul-25
2017P02848WOCN		2017-Jul-25	CN	201780000682.8	108541387	2021-Nov-09	2037-Jul-25	
2017P02848WOIN		2017-Jul-25	IN	201927050233	437167	2023-Jul-04	2037-Jul-25	
2017P02848WOUS		2017-Jul-25	US	16/618,263	11,456,963	2022-Sep-27	2037-Jul-25	
2017P02849WEES	Period Information	2017-Nov-15	ES	17932403.3	3709732	2023-Jul-26	2037-Nov-15	2017-Nov-15
2017P02849WEEU		2017-Nov-15	EU	17932403.3	3709732	2023-Jul-26	2037-Nov-15	
2017P02849WEGB		2017-Nov-15	GB	17932403.3	3709732	2023-Jul-26	2037-Nov-15	
2017P02849WETR		2017-Nov-15	TR	17932403.3	3709732	2023-Jul-26	2037-Nov-15	
2017P02849WOCN		2017-Nov-15	CN	201780001841.6	108064466	2021-Dec-21	2037-Nov-15	
2017P02849WOIN		2017-Nov-15	IN	202047024595	525005	2024-Mar-14	2037-Nov-15	
2017P02849WOUS		2017-Nov-15	US	16/762,657	11,770,781	2023-Sep-26	2037-Dec-12	
2017P02850WEDE	Random Access	2017-May-05	DE	17908276.3	3621375	2024-Aug-21	2037-May-05	2017-May-05
2017P02850WEFR		2017-May-05	FR	17908276.3	3621375	2024-Aug-21	2037-May-05	
2017P02850WEGB		2017-May-05	GB	17908276.3	3621375	2024-Aug-21	2037-May-05	
2017P02850WETR		2017-May-05	TR	17908276.3	3621375	2024-Aug-21	2037-May-05	
2017P02850WOCN		2017-May-05	CN	201780000342.5	107223361	2021-Sep-28	2037-May-05	
2017P02850WOIN		2017-May-05	IN	201927047019	488221	2023-Dec-22	2037-May-05	
2017P02850WOUS		2017-May-05	US	16/611,022	11,224,075	2022-Jan-11	2037-Jul-02	
2018P01203WE	Control Information	2018-Nov-08	EP	1893964.9			2038-Nov-08	2018-Nov-08
2018P01203WOCN		2018-Nov-08	CN	201880001952.1	109565656	2021-Nov-16	2038-Nov-08	
2018P01203WOIN		2018-Nov-08	IN	202127024451			2038-Nov-08	
2018P01203WOUS		2018-Nov-08	US	17/292,000	11,991,698	2024-May-21	2040-Jan-18	
2016P01496WEDE	Latency Reduction	2017-Aug-11	DE	17751106.0	3497861	2022-Oct-05	2037-Aug-11	2016-Aug-11
2016P01496WEFR		2017-Aug-11	FR	17751106.0	3497861	2022-Oct-05	2037-Aug-11	
2016P01496WEGB		2017-Aug-11	GB	17751106.0	3497861	2022-Oct-05	2037-Aug-11	
2016P01496WENL		2017-Aug-11	NL	17751106.0	3497861	2022-Oct-05	2037-Aug-11	
2016P01496WEEU01		2017-Aug-11	EU	21174148.3	3886352	2023-Oct-11	2037-Aug-11	
2016P01496WEGB01		2017-Aug-11	GB	21174148.3	3886352	2023-Oct-11	2037-Aug-11	
2016P01496WOUS		2017-Aug-11	US	16/272,773	11,223,467	2022-Jan-11	2037-Aug-11	
2016P01496WOUS01		2017-Aug-11	US	17/550,805			2037-Aug-11	
2016P01497 US	Fast ACK/NACK	2017-Oct-19	US	18/124,037			2037-Oct-19	2016-Oct-24
2016P01497WE 01		2017-Oct-19	EP	21199032.0			2037-Oct-19	
2016P01497WEDE		2017-Oct-19	DE	17784320.8	3529931	2021-Sep-29	2037-Oct-19	
2016P01497WEES		2017-Oct-19	ES	17784320.8	3529931	2021-Sep-29	2037-Oct-19	
2016P01497WEFR		2017-Oct-19	FR	17784320.8	3529931	2021-Sep-29	2037-Oct-19	
2016P01497WEGB		2017-Oct-19	GB	17784320.8	3529931	2021-Sep-29	2037-Oct-19	
2016P01497WEIT		2017-Oct-19	IT	17784320.8	3529931	2021-Sep-29	2037-Oct-19	
2016P01497WOCN		2017-Oct-19	CN	2017800080311.5	110114995	2022-Jun-24	2037-Oct-19	
2016P01497WOUS		2017-Oct-19	US	16/388,406	11,637,681	2023-Apr-25	2038-Jul-31	
2016P01498 HK	UE Localization	2017-Oct-09	HK	19129033.7	40005592	2023-Sep-29	2037-Oct-09	2016-Oct-10
2016P01498WEDE		2017-Oct-09	DE	17783821.6	3523672	2021-Mar-17	2037-Oct-09	
2016P01498WEES		2017-Oct-09	ES	17783821.6	3523672	2021-Mar-17	2037-Oct-09	
2016P01498WEFR		2017-Oct-09	FR	17783821.6	3523672	2021-Mar-17	2037-Oct-09	
2016P01498WEGB		2017-Oct-09	GB	17783821.6	3523672	2021-Mar-17	2037-Oct-09	
2016P01498WEIT		2017-Oct-09	IT	17783821.6	3523672	2021-Mar-17	2037-Oct-09	
2016P01498WOCN		2017-Oct-09	CN	201780062487.8	201780062487.8	2023-Jun-09	2037-Oct-09	
2016P01498WOIN		2017-Oct-09	IN	201917013776	486554	2023-Dec-21	2037-Oct-09	
2016P01498WOJP		2017-Oct-09	JP	2019-518563	7075709	2022-May-18	2037-Oct-09	
2016P01498WOKR		2017-Oct-09	KR	10-2019-7013277	10-2334974	2021-Nov-30	2037-Oct-09	
2016P01498WOUS		2017-Oct-09	US	16/359,373	10,932,221	2021-Feb-23	2037-Oct-09	
2016P01499 IN	Enhanced SPS Control	2017-Oct-25	IN	202138041538			2037-Oct-25	2016-Nov-03
2016P01499 JP		2017-Oct-25	JP	2021009219	7214067	2023-Jan-20	2037-Oct-25	
2016P01499 JP02		2017-Oct-25	JP	2024-128640			2037-Oct-25	
2016P01499 KR		2017-Oct-25	KR	10-2022-7010242	10-2583326	2023-Sep-26	2037-Oct-25	
2016P01499 MY		2017-Oct-25	MY	PI 2019002526			2037-Oct-25	
2016P01499 US		2017-Oct-25	US	17/178,465			2037-Oct-25	
2016P01499 VN		2017-Oct-25	VN	1-2023-00786			2037-Oct-25	
2016P01499WE		2017-Oct-25	EP	17791058.5			2037-Oct-25	
2016P01499WOCA		2017-Oct-25	CA	3042571	3042571	2024-Jan-30	2037-Oct-25	
2016P01499WOCN		2017-Oct-25	CN	201780082200.8	201780082200.8	2023-Dec-22	2037-Oct-25	
2016P01499WOID		2017-Oct-25	ID	PID201903684	IDP000089132	2023-Aug-21	2037-Oct-25	
2016P01499WOIN		2017-Oct-25	IN	201937017326	518444	2024-Mar-01	2037-Oct-25	
2016P01499WOJP		2017-Oct-25	JP	2019-523877	6829931	2021-Jan-27	2037-Oct-25	
2016P01499WOKR		2017-Oct-25	KR	10-2019-7015754	10-2381306	2022-Mar-28	2037-Oct-25	
2016P01499WOMX		2017-Oct-25	MX	2019005146			2037-Oct-25	
2016P01499WORU		2017-Oct-25	RU	2019116857	2721841	2020-May-25	2037-Oct-25	
2016P01499WOTH		2017-Oct-25	TH	1901002710			2037-Oct-25	
2016P01499WOUS		2017-Oct-25	US	16/401,618	10,945,278	2021-Mar-09	2037-Oct-25	
2016P01499WOVN		2017-Oct-25	VN	1-2019-02673			2037-Oct-25	

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2016P01500 IN	Retransmission Process	2017-Nov-16	IN	202138031094	541732	2024-Jun-13	2037-Nov-16	2016-Nov-23
2016P01500 KR		2017-Nov-16	KR	10-2021-7010221	10-2373036	2022-Mar-07	2037-Nov-16	
2016P01500 KR01		2017-Nov-16	KR	10-2022-7007494	10-2485976	2023-Jan-03	2037-Nov-16	
2016P01500 TW		2017-Nov-16	TW	106140534	1664863	2019-Jul-01	2037-Nov-16	
2016P01500 US		2017-Nov-16	US	17/199,637	11,405,137	2022-Aug-02	2037-Nov-16	
2016P01500EPES01		2017-Nov-16	ES	20216975.1	3829092	2023-Oct-04	2037-Nov-16	
2016P01500EPEU01		2017-Nov-16	EU	20216975.1	3829092	2023-Oct-04	2037-Nov-16	
2016P01500EPGB01		2017-Nov-16	GB	20216975.1	3829092	2023-Oct-04	2037-Nov-16	
2016P01500EPTR01		2017-Nov-16	TR	20216975.1	3829092	2023-Oct-04	2037-Nov-16	
2016P01500WEDE		2017-Nov-16	DE	17797379.9	3545638	2020-Dec-30	2037-Nov-16	
2016P01500WEES		2017-Nov-16	ES	17797379.9	3545638	2020-Dec-30	2037-Nov-16	
2016P01500WEFR		2017-Nov-16	FR	17797379.9	3545638	2020-Dec-30	2037-Nov-16	
2016P01500WEGB		2017-Nov-16	GB	17797379.9	3545638	2020-Dec-30	2037-Nov-16	
2016P01500WEIT		2017-Nov-16	IT	17797379.9	3545638	2020-Dec-30	2037-Nov-16	
2016P01500WOCN		2017-Nov-16	CN	201780084374.8	110249565	2022-Apr-15	2037-Nov-16	
2016P01500WOIN		2017-Nov-16	IN	201937020207	478143	2023-Dec-07	2037-Nov-16	
2016P01500WOKR		2017-Nov-16	KR	10-2019-7017842	10-2239527	2021-Apr-07	2037-Nov-16	
2016P01500WOMX		2017-Nov-16	MX	A/2019/005932	398683	2023-Jan-02	2037-Nov-16	
2016P01500WORU		2017-Nov-16	RU	2019119382	2725175	2020-Jun-30	2037-Nov-16	
2016P01500WOUS		2017-Nov-16	US	16/419,332	10,965,401	2021-Mar-30	2037-Nov-16	
2017P02851 JP	QCL Spatial Multiplexing	2018-Sep-03	JP	2023-063859			2038-Sep-03	2017-Sep-06
2017P02851 KR		2018-Sep-03	KR	10-2021-7043340	10-2559155	2023-Jul-20	2038-Sep-03	
2017P02851 US		2018-Sep-03	US	17/500,272	11,596,025	2023-Feb-28	2038-Sep-03	
2017P02851 US02		2018-Sep-03	US	18/372,926	12,108,495	2024-Oct-01	2038-Sep-03	
2017P02851 US03		2018-Sep-03	US	18/890,863			2038-Sep-03	
2017P02851 EP 01		2018-Sep-03	EP	23217709.7			2038-Sep-03	
2017P02851WEES		2018-Sep-03	ES	18769608.3	3679754	2024-Jan-03	2038-Sep-03	
2017P02851WEEU		2018-Sep-03	EU	18769608.3	3679754	2024-Jan-03	2038-Sep-03	
2017P02851WEGB		2018-Sep-03	GB	18769608.3	3679754	2024-Jan-03	2038-Sep-03	
2017P02851WETR		2018-Sep-03	TR	18769608.3	3679754	2024-Jan-03	2038-Sep-03	
2017P02851WOCN		2018-Sep-03	CN	201880071734.5	201880071734.5	2023-Oct-20	2038-Sep-03	
2017P02851WOIN		2018-Sep-03	IN	202037009207	538915	2024-May-21	2038-Sep-03	
2017P02851WOJP		2018-Sep-03	JP	2020-513498	7280247	2023-May-15	2038-Sep-03	
2017P02851WOKR		2018-Sep-03	KR	10-2020-7009454	10-2347361	2021-Dec-31	2038-Sep-03	
2017P02851WOUS		2018-Sep-03	US	16/809,303	11,160,138	2021-Oct-26	2038-Sep-03	
2017P02852 US	Retransmission Process	2018-May-03	US	17/526,404	11,683,128	2023-Jun-20	2038-May-03	2017-May-12
2017P02852 US01		2018-May-03	US	18/196,467	12,095,569	2024-Sep-17	2038-May-03	
2017P02852 US02		2018-May-03	US	18/827,940			2038-May-03	
2017P02852EP 01		2018-May-03	EP	23201368.0			2038-May-03	
2017P02852WEES		2018-May-03	ES	18719945.0	3622648	2023-Oct-04	2038-May-03	
2017P02852WEEU		2018-May-03	EU	18719945.0	3622648	2023-Oct-04	2038-May-03	
2017P02852WEGB		2018-May-03	GB	18719945.0	3622648	2023-Oct-04	2038-May-03	
2017P02852WOCN		2018-May-03	CN	201880045815.8	201880045815.8	2023-Apr-18	2038-May-03	
2017P02852WOUS		2018-May-03	US	16/680,050	11,277,230	2022-Mar-15	2038-May-03	
2017P02853 JP	Feedback bits allocation	2018-Jul-12	JP	2022-020016	7401578	2023-Dec-11	2038-Jul-12	2017-Jul-13
2017P02853 JP01		2018-Jul-12	JP	2023-116446			2038-Jul-12	2017-Aug-14
2017P02853 US		2018-Jul-12	US	18/125,159	12,004,127	2024-Jun-04	2038-Jul-12	
2017P02853 US01		2018-Jul-12	US	18/668,380			2038-Jul-12	
2017P02853EP 02		2018-Jul-12	EP	23207016.9			2038-Jul-12	
2017P02853WEES		2018-Jul-12	ES	18737299.0	3652875	2023-Nov-01	2038-Jul-12	
2017P02853WEEU		2018-Jul-12	EU	18737299.0	3652875	2023-Nov-01	2038-Jul-12	
2017P02853WEGB		2018-Jul-12	GB	18737299.0	3652875	2023-Nov-01	2038-Jul-12	
2017P02853WETR		2018-Jul-12	TR	18737299.0	3652875	2023-Nov-01	2038-Jul-12	
2017P02853WOCN		2018-Jul-12	CN	201880057185.6	201880057185.6	2023-Apr-18	2038-Jul-12	
2017P02853WOIN		2018-Jul-12	IN	202017005087	498045	2024-Jan-11	2038-Jul-12	
2017P02853WOJP		2018-Jul-12	JP	2020-501266	7025829	2022-Feb-16	2038-Jul-12	
2017P02853WOKR		2018-Jul-12	KR	10-2020-7004112	10-2417076	2022-Jun-30	2038-Jul-12	
2017P02853WOUS		2018-Jul-12	US	16/739,867	11,627,557	2023-Apr-11	2038-Jul-12	
2017P02854 KR	Enhanced CSI Type II	2018-Mar-07	KR	10-2022-7010872	10-2527311	2023-Apr-25	2038-Mar-07	2017-Oct-18
2017P02854WEDE		2018-Mar-07	DE	18710426.0	3698482	2021-Aug-18	2038-Mar-07	
2017P02854WEES		2018-Mar-07	ES	18710426.0	3698482	2021-Aug-18	2038-Mar-07	
2017P02854WEFR		2018-Mar-07	FR	18710426.0	3698482	2021-Aug-18	2038-Mar-07	
2017P02854WEGB		2018-Mar-07	GB	18710426.0	3698482	2021-Aug-18	2038-Mar-07	
2017P02854WEIT		2018-Mar-07	IT	18710426.0	3698482	2021-Aug-18	2038-Mar-07	
2017P02854WENL		2018-Mar-07	NL	18710426.0	3698482	2021-Aug-18	2038-Mar-07	
2017P02854WETR		2018-Mar-07	TR	18710426.0	3698482	2021-Aug-18	2038-Mar-07	
2017P02854WOCN		2018-Mar-07	CN	201880068268.5	201880068268.5	2023-Sep-15	2038-Mar-07	
2017P02854WOIN		2018-Mar-07	IN	202027005195	397315	2022-May-20	2038-Mar-07	
2017P02854WOJP		2018-Mar-07	JP	2020-522069	7064582	2022-Apr-26	2038-Mar-07	
2017P02854WOKR		2018-Mar-07	KR	10-2020-7010076	10-2383156	2022-Mar-31	2038-Mar-07	
2017P02854WOMX		2018-Mar-07	MX	2020003401	407982	2023-Nov-13	2038-Mar-07	
2017P02854WOUS		2018-Mar-07	US	16/783,994	10,886,985	2021-Jan-05	2038-Mar-07	
2017P02855 US	Reliable Wireless Communication	2018-Jun-21	US	18/126,499	12,052,751	2024-Jul-30	2038-Jun-21	2017-Jun-29
2017P02855 US01		2018-Jun-21	US	18/769,743			2038-Jun-21	
2017P02855WEDE		2018-Jun-21	DE	18731124.6	3646650	2021-Aug-18	2038-Jun-21	
2017P02855WEFR		2018-Jun-21	FR	18731124.6	3646650	2021-Aug-18	2038-Jun-21	
2017P02855WEGB		2018-Jun-21	GB	18731124.6	3646650	2021-Aug-18	2038-Jun-21	
2017P02855WOCN		2018-Jun-21	CN	201880043538.7	201880043538.7	2023-Sep-12	2038-Jun-21	
2017P02855WOUS		2018-Jun-21	US	16/719,720	11,632,771	2023-Apr-18	2039-Feb-08	

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2017P02856 CN	SL UE Groups	2018-May-03	CN	202311023229.2			2038-May-03	2017-May-04
2017P02856 US		2018-May-03	US	17/815,553			2038-May-03	
2017P02856EP 01		2018-May-03	EP	24150821.7			2038-May-03	
2017P02856WEDE		2018-May-03	DE	18719949.2	3628133	2024-Jan-10	2038-May-03	
2017P02856WEES		2018-May-03	ES	18719949.2	3628133	2024-Jan-10	2038-May-03	
2017P02856WEEU		2018-May-03	EU	18719949.2	3628133	2024-Jan-10	2038-May-03	
2017P02856WEFR		2018-May-03	FR	18719949.2	3628133	2024-Jan-10	2038-May-03	
2017P02856WEGB		2018-May-03	GB	18719949.2	3628133	2024-Jan-10	2038-May-03	
2017P02856WENL		2018-May-03	NL	18719949.2	3628133	2024-Jan-10	2038-May-03	
2017P02856WETR		2018-May-03	TR	18719949.2	3628133	2024-Jan-10	2038-May-03	
2017P02856WOCN		2018-May-03	CN	201880045338.5	201880045338.5	2023-Aug-25	2038-May-03	
2017P02856WOUS		2018-May-03	US	16/672,297	11,438,736	2022-Sep-06	2038-May-03	
2017P02857 HK	Joint Resource Pools	2018-Jun-13	HK	62020013506.4	HK40023989	2023-Nov-24	2038-Jun-13	2017-Jun-14
2017P02857 JP		2018-Jun-13	JP	2022-202146			2038-Jun-13	
2017P02857 JP01		2018-Jun-13	JP	2024-086006			2038-Jun-13	
2017P02857 KR		2018-Jun-13	KR	10-2022-7021020	10-2652646	2024-Mar-26	2038-Jun-13	
2017P02857 US		2018-Jun-13	US	17/874,108			2038-Jun-13	
2017P02857EPE01		2018-Jun-13	ES	20199433.2	3787366	2023-Aug-16	2038-Jun-13	
2017P02857EPEU01		2018-Jun-13	EU	20199433.2	3787366	2023-Aug-16	2038-Jun-13	
2017P02857EPGB01		2018-Jun-13	GB	20199433.2	3787366	2023-Aug-16	2038-Jun-13	
2017P02857EPTR01		2018-Jun-13	TR	20199433.2	3787366	2023-Aug-16	2038-Jun-13	
2017P02857EP 02		2018-Jun-13	EP	23191485.4			2038-Jun-13	
2017P02857WEDE		2018-Jun-13	DE	18729468.1	3639605	2020-Oct-28	2038-Jun-13	
2017P02857WEES		2018-Jun-13	ES	18729468.1	3639605	2020-Oct-28	2038-Jun-13	
2017P02857WEFR		2018-Jun-13	FR	18729468.1	3639605	2020-Oct-28	2038-Jun-13	
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2017P02857WEIT		2018-Jun-13	IT	18729468.1	3639605	2020-Oct-28	2038-Jun-13	
2017P02857WENL		2018-Jun-13	NL	18729468.1	3639605	2020-Oct-28	2038-Jun-13	
2017P02857WETR		2018-Jun-13	TR	18729468.1	3639605	2020-Oct-28	2038-Jun-13	
2017P02857WOBR		2018-Jun-13	BR	112019026882			2038-Jun-13	
2017P02857WOCN		2018-Jun-13	CN	201880052687.X	201880052687.X	2023-Sep-15	2038-Jun-13	
2017P02857WOIN		2018-Jun-13	IN	201937051942	510380	2024-Feb-13	2038-Jun-13	
2017P02857WOJP		2018-Jun-13	JP	2019-569325	7214070	2023-Jan-20	2038-Jun-13	
2017P02857WOKR		2018-Jun-13	KR	10-2020-7000715	10-2412963	2022-Jun-21	2038-Jun-13	
2017P02857WOMX		2018-Jun-13	MX	A/2019/015158	404019	2023-May-16	2038-Jun-13	
2017P02857WOUS		2018-Jun-13	US	16/712,858	11,405,948	2022-Aug-02	2038-Jun-13	
2017P02857WOVN		2018-Jun-13	VN	1-2020-00199			2038-Jun-13	
2017P02858 CA	Network Slicing Access	2018-Jan-03	CA	3190224			2038-Jan-03	2017-Jan-04
2017P02858 CN		2018-Jan-03	CN	202210714770.7	202210714770.7	2024-Jan-09	2038-Jan-03	
2017P02858 CN01		2018-Jan-03	CN	202210714731.7	202210714731.7	2023-Oct-17	2038-Jan-03	
2017P02858 IN		2018-Jan-03	IN	202118030582			2038-Jan-03	
2017P02858 IN01		2018-Jan-03	IN	202418027298			2038-Jan-03	
2017P02858 JP		2018-Jan-03	JP	2022-063941	7404429	2023-Dec-15	2038-Jan-03	
2017P02858 KR		2018-Jan-03	KR	10-2021-7043102	10-2411577	2022-Jun-16	2038-Jan-03	
2017P02858 KR01		2018-Jan-03	KR	10-2022-7020553	10-2624779	2024-Jan-09	2038-Jan-03	
2017P02858 TW		2018-Jan-03	TW	107100364	1727133	2021-May-11	2038-Jan-03	
2017P02858 US		2018-Jan-03	US	17/524,612	11,595,877	2023-Feb-28	2038-Jan-03	
2017P02858 US01		2018-Jan-03	US	18/103,534	11,889,403	2024-Jan-30	2038-Jan-03	
2017P02858 US02		2018-Jan-03	US	18/543,018			2038-Jan-03	
2017P02858EPEU01		2018-Jan-03	EU	21186567.0	3917279	2023-Jun-07	2038-Jan-03	
2017P02858EPGB01		2018-Jan-03	GB	21186567.0	3917279	2023-Jun-07	2038-Jan-03	
2017P02858EPTR01		2018-Jan-03	TR	21186567.0	3917279	2023-Jun-07	2038-Jan-03	
2017P02858WEDE		2018-Jan-03	DE	18700026.0	3566544	2021-Nov-24	2038-Jan-03	
2017P02858WEES		2018-Jan-03	ES	18700026.0	3566544	2021-Nov-24	2038-Jan-03	
2017P02858WEFR		2018-Jan-03	FR	18700026.0	3566544	2021-Nov-24	2038-Jan-03	
2017P02858WEGB		2018-Jan-03	GB	18700026.0	3566544	2021-Nov-24	2038-Jan-03	
2017P02858WEIT		2018-Jan-03	IT	18700026.0	3566544	2021-Nov-24	2038-Jan-03	
2017P02858WOCA		2018-Jan-03	CA	3049160	3049160	2023-Apr-04	2038-Jan-03	
2017P02858WOCN		2018-Jan-03	CN	201880015664.1	110383942	2022-Jun-14	2038-Jan-03	
2017P02858WOID		2018-Jan-03	ID	P-00 2019 05562	IDP000080226	2021-Dec-07	2038-Jan-03	
2017P02858WOIN		2018-Jan-03	IN	201917026348			2038-Jan-03	
2017P02858WOJP		2018-Jan-03	JP	2019-536578	7057363	2022-Apr-11	2038-Jan-03	
2017P02858WOKR		2018-Jan-03	KR	10-2019-7022112	10-2346610	2021-Dec-29	2038-Jan-03	
2017P02858WOMX		2018-Jan-03	MX	2019008017	398684	2023-Jan-02	2038-Jan-03	
2017P02858WOMY		2018-Jan-03	MY	PI2019003793			2038-Jan-03	
2017P02858WORU		2018-Jan-03	RU	2019124420	2738825	2020-Dec-17	2038-Jan-03	
2017P02858WOTH		2018-Jan-03	TH	1901004147			2038-Jan-03	
2017P02858WOUS		2018-Jan-03	US	16/459,463	11,191,003	2021-Nov-30	2038-Jan-03	
2017P02858WOVN		2018-Jan-03	VN	1-2019-04023			2038-Jan-03	
2017P02859 HK	Ultra-Low Latency Communications	2018-Jun-13	HK	62020014867.9	40025372	2023-Sep-22	2038-Jun-13	2017-Jun-14
2017P02859 WE		2018-Jun-13	EP	18729471.5			2038-Jun-13	
2017P02859 WOBR		2018-Jun-13	BR	112019026880			2038-Jun-13	
2017P02859 WOCN		2018-Jun-13	CN	201880051932.5	201880051932.5	2023-Jun-09	2038-Jun-13	
2017P02859 WOIN		2018-Jun-13	IN	201937051681			2038-Jun-13	
2017P02859 WOJP		2018-Jun-13	JP	2019-569385	7054153	2022-Apr-05	2038-Jun-13	
2017P02859 WOKR		2018-Jun-13	KR	10-2020-7000446	10-2389734	2022-Apr-19	2038-Jun-13	
2017P02859 WOMX		2018-Jun-13	MX	A/2019/015157	412068	2024-Apr-10	2038-Jun-13	
2017P02859 WOUS		2018-Jun-13	US	16/712,884	11,387,946	2022-Jul-12	2038-Jun-13	
2017P02859 WOVN		2018-Jun-13	VN	1-2020-00200			2038-Jun-13	

Internal reference	Title	Filing date	Country	Application	Grant	Grant date	Expiry Date	Priority date
2017P02860 JP	UE Localization (ii)	2018-Apr-23	JP	2022-023444	7407847	2023-Dec-21	2038-Apr-23	2017-Apr-28
2017P02860 KR		2018-Apr-23	KR	10-2022-7010769	10-2447632	2022-Sep-22	2038-Apr-23	
2017P02860 US		2018-Apr-23	US	17/536,258			2038-Apr-23	
2017P02860WE		2018-Apr-23	EP	18717648.2			2038-Apr-23	
2017P02860WOBR		2018-Apr-23	BR	112019022560			2038-Apr-23	
2017P02860WOCN		2018-Apr-23	CN	201880042842.X	201880042842.X	2023-Jun-13	2038-Apr-23	
2017P02860WOIN		2018-Apr-23	IN	201937043526	519155	2024-Mar-04	2038-Apr-23	
2017P02860WOJP		2018-Apr-23	JP	2019-558432	7091364	2022-Jun-17	2038-Apr-23	
2017P02860WOKR		2018-Apr-23	KR	10-2019-7035078	10-2382838	2022-Mar-31	2038-Apr-23	
2017P02860WOUS		2018-Apr-23	US	16/665,284	11,190,265	2021-Nov-30	2038-Apr-23	
2017P02860WOVN		2018-Apr-23	VN	1-2019-06264			2038-Apr-23	
2018P01206 HK	Positioning Beam Management	2019-Oct-30	HK	62021041629.8	40052060	2024-May-03	2039-Oct-30	2018-Nov-01
2018P01206 IN		2019-Oct-30	IN	202418027297			2039-Oct-30	
2018P01206 US		2019-Oct-30	US	17/890,545	11,689,938	2023-Jun-27	2039-Oct-30	
2018P01206 US01		2019-Oct-30	US	18/144,408			2039-Oct-30	
2018P01206WE		2019-Oct-30	EP	19791286.8			2039-Oct-30	
2018P01206WOCN		2019-Oct-30	CN	201980082486.9	201980082486.9	2024-Feb-02	2039-Oct-30	
2018P01206WOIN		2019-Oct-30	IN	202117024188			2039-Oct-30	
2018P01206WOUS		2019-Oct-30	US	17/289,067	11,477,665	2022-Oct-18	2039-Oct-30	
2018P01207 HK	Enhanced CSI Type II (ii)	2018-Nov-13	HK	62021029719.3			2038-Nov-13	2018-Nov-13
2018P01207 JP		2018-Nov-13	JP	2022-202147			2038-Nov-13	
2018P01207 US		2018-Nov-13	US	17/551,711	12,021,591	2024-Jun-25	2038-Nov-20	
2018P01207 US01		2018-Nov-13	US	18/676,535			2038-Nov-13	
2018P01207EP		2018-Nov-13	EP	22159225.6			2038-Nov-13	
2018P01207WEDE		2018-Nov-13	DE	18803646.1	3811527	2022-Jul-13	2038-Nov-13	
2018P01207WEES		2018-Nov-13	ES	18803646.1	3811527	2022-Jul-13	2038-Nov-13	
2018P01207WEFR		2018-Nov-13	FR	18803646.1	3811527	2022-Jul-13	2038-Nov-13	
2018P01207WEGB		2018-Nov-13	GB	18803646.1	3811527	2022-Jul-13	2038-Nov-13	
2018P01207WEIT		2018-Nov-13	IT	18803646.1	3811527	2022-Jul-13	2038-Nov-13	
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2018P01207WOCN		2018-Nov-13	CN	201880096153.7			2038-Nov-13	
2018P01207WOIN		2018-Nov-13	IN	202117003852	522848	2024-Mar-11	2038-Nov-13	
2018P01207WOJP		2018-Nov-13	JP	2021-503729	7214071	2023-Jan-20	2038-Nov-13	
2018P01207WOKR		2018-Nov-13	KR	10-2021-7002472	10-2633776	2024-Jan-31	2038-Nov-13	
2018P01207WOUS		2018-Nov-13	US	17/264,667	11,223,407	2022-Jan-11	2038-Nov-13	
2018P01208 HK	Critical Communication Notification	2019-Aug-08	HK	62021033166.1			2039-Aug-08	2018-Aug-10
2018P01208 JP		2019-Aug-08	JP	2023-169231			2039-Aug-08	
2018P01208 KR		2019-Aug-08	KR	10-2024-7028124			2039-Aug-08	
2018P01208WE		2019-Aug-08	EP	19749740.7			2039-Aug-08	
2018P01208WOBR		2019-Aug-08	BR	112021002564			2039-Aug-08	
2018P01208WOCN		2019-Aug-08	CN	201980057292.3			2039-Aug-08	
2018P01208WOIN		2019-Aug-08	IN	202117004724	518449	2024-Mar-01	2039-Aug-08	
2018P01208WOJP		2019-Aug-08	JP	2021-507048	7401523	2023-Dec-11	2039-Aug-08	
2018P01208WOKR		2019-Aug-08	KR	10-2021-7006978			2039-Aug-08	
2018P01208WOMX		2019-Aug-08	MX	A/2021/001518			2039-Aug-08	
2018P01208WOUS		2019-Aug-08	US	17/163,853			2039-Aug-08	
2018P01209 CN	Coverage Scenarios	2019-Aug-07	CN	202410177148.6			2039-Aug-07	2018-Aug-09
2018P01209 JP		2019-Aug-07	JP	2023-056892			2039-Aug-07	
2018P01209 US		2019-Aug-07	US	18/646,816			2039-Aug-07	
2018P01209WE		2019-Aug-07	EP	19750123.2			2039-Aug-07	
2018P01209WOCN		2019-Aug-07	CN	201980053568.0	201980053568.0	2024-Apr-19	2039-Aug-07	
2018P01209WOIN		2019-Aug-07	IN	202117004098	524344	2024-Mar-13	2039-Aug-07	
2018P01209WOJP		2019-Aug-07	JP	2021-506672	7256865	2023-Apr-04	2039-Aug-07	
2018P01209WOKR		2019-Aug-07	KR	10-2021-7006770			2039-Aug-07	
2018P01210 CN	Resource Allocation	2019-Jul-23	CN	202410372038.5			2039-Jul-23	2018-Aug-09
2018P01210 JP		2019-Jul-23	JP	2023-125398			2039-Jul-23	
2018P01210 US		2019-Jul-23	US				2039-Jul-23	
2018P01210WEUE		2019-Jul-23	EU	19742377.5	3834556		2039-Jul-23	
2018P01210WEGB		2019-Jul-23	GB	19742377.5	3834556		2039-Jul-23	
2018P01210WETR		2019-Jul-23	TR	19742377.5	3834556		2039-Jul-23	
2018P01210WOCN		2019-Jul-23	CN	201980066998.6			2039-Jul-23	
2018P01210WOIN		2019-Jul-23	IN	202137005434			2039-Jul-23	
2018P01210WOJP		2019-Jul-23	JP	2021-506640	7454551	2024-Mar-13	2039-Jul-23	
2018P01210WOKR		2019-Jul-23	KR	10-2021-7006979	10-2687809	2024-Jul-19	2039-Jul-23	
2018P01210WOUS		2019-Jul-23	US	17/169,096	12,127,233	2024-Oct-22	2041-Jun-17	
2018P01211 IN	Low Latency HARQ	2019-Aug-07	IN	202438055971			2039-Aug-07	2018-Aug-09
2018P01211 KR		2019-Aug-07	KR	10-2024-7009839			2039-Aug-07	
2018P01211 US		2019-Aug-07	US	18/754,216			2039-Aug-07	
2018P01211WE		2019-Aug-07	EP	19750124.0			2039-Aug-07	
2018P01211WOCN		2019-Aug-07	CN	201980066853.6			2039-Aug-07	
2018P01211WOIN		2019-Aug-07	IN	202137005390			2039-Aug-07	
2018P01211WOJP		2019-Aug-07	JP	2021-507070	7364662	2023-Oct-10	2039-Aug-07	
2018P01211WOKR		2019-Aug-07	KR	10-2021-7007142			2039-Aug-07	
2018P01211WOUS		2019-Aug-07	US	17/169,883	12,052,106	2024-Jul-30	2041-Jun-19	
2018P01212 HK	Group Identifier for Mobile Device	2019-Sep-25	HK	62021040646.3	40052399	2023-Sep-29	2039-Sep-25	2018-Sep-27
2018P01212 US		2019-Sep-25	US	18/531,773			2039-Sep-25	
2018P01212WE		2019-Sep-25	EP	19772755.5			2039-Sep-25	
2018P01212WOBR		2019-Sep-25	BR	112021005710			2039-Sep-25	
2018P01212WOCN		2019-Sep-25	CN	201980078313.X	201980078313.X	2023-Aug-04	2039-Sep-25	
2018P01212WOIN		2019-Sep-25	IN	202117013602			2039-Sep-25	
2018P01212WOJP		2019-Sep-25	JP	2021-517597	7404355	2023-Dec-15	2039-Sep-25	
2018P01212WOKR		2019-Sep-25	KR	10-2021-7012230	10-2495898	2023-Jan-31	2039-Sep-25	
2018P01212WOMX		2019-Sep-25	MX	A/2021/003544			2039-Sep-25	
2018P01212WOUS		2019-Sep-25	US	17/212,725	11,882,555	2024-Jan-23	2040-Jun-10	

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2018P01213WE	Sidelink Resource Pool	2019-Oct-30	EP	19794161.0			2039-Oct-30	2018-Oct-31	
2018P01213WOCN		2019-Oct-30	CN	201980087819.7	201980087819.7	2024-Jun-18	2039-Oct-30		
2018P01213WOUS		2019-Oct-30	US	17/302,197			2039-Oct-30		
2018P01214 HK	Enhanced CSI Type II (iii)	2019-Dec-13	HK	62021037103.0			2039-Dec-13	2018-Dec-22	
2018P01214 US		2019-Dec-13	US	18/122,791	12,135,241	2024-Oct-29	2039-Dec-13		
2018P01214 US01		2019-Dec-13	US	18/894,025			2039-Dec-13		
2018P01214WE 01		2019-Dec-13	EP	22208736.3			2039-Dec-13		
2018P01214WE BE		2019-Dec-13	BE	19816795.9	3900207	2022-Nov-23	2039-Dec-13		
2018P01214WE DE		2019-Dec-13	DE	19816795.9	3900207	2022-Nov-23	2039-Dec-13		
2018P01214WE ES		2019-Dec-13	ES	19816795.9	3900207	2022-Nov-23	2039-Dec-13		
2018P01214WE FR		2019-Dec-13	FR	19816795.9	3900207	2022-Nov-23	2039-Dec-13		
2018P01214WE GB		2019-Dec-13	GB	19816795.9	3900207	2022-Nov-23	2039-Dec-13		
2018P01214WE IT		2019-Dec-13	IT	19816795.9	3900207	2022-Nov-23	2039-Dec-13		
2018P01214WE NL		2019-Dec-13	NL	19816795.9	3900207	2022-Nov-23	2039-Dec-13		
2018P01214WE PL		2019-Dec-13	PL	19816795.9	3900207	2022-Nov-23	2039-Dec-13		
2018P01214WE RO		2019-Dec-13	RO	19816795.9	3900207	2022-Nov-23	2039-Dec-13		
2018P01214WE TR		2019-Dec-13	TR	19816795.9	3900207	2022-Nov-23	2039-Dec-13		
2018P01214WOCN		2019-Dec-13	CN	201980050890.8	201980050890.8	2024-Apr-05	2039-Dec-13		
2018P01214WOIN		2019-Dec-13	IN	202117027678			2039-Dec-13		
2018P01214WOJP		2019-Dec-13	JP	2021-536174	7450625	2024-Mar-07	2039-Dec-13		
2018P01214WOKR		2019-Dec-13	KR	10-2021-7023394			2039-Dec-13		
2018P01214WOUS		2019-Dec-13	US	17/299,540	11,632,154	2023-Apr-18	2040-Feb-08		
2018P01215 HK		Enhanced CSI Type II (iv)	2019-Dec-16	HK	62021033276.8			2039-Dec-16	2018-Dec-22
2018P01215 IN			2019-Dec-16	IN	202418027296			2039-Dec-16	2019-Feb-01
2018P01215 KR			2019-Dec-16	KR	10-2022-7037298			2039-Dec-16	2019-Mar-25
2018P01215 US			2019-Dec-16	US	17/546,421	11,949,483	2024-Apr-02	2039-Dec-16	
2018P01215 US01	2019-Dec-16		US	18/411,069			2039-Dec-16		
2018P01215EP 02	2019-Dec-16		EP	23196893.4			2039-Dec-16		
2018P01215WE ES	2019-Dec-16		ES	19817736.2	3900208	2023-Sep-13	2039-Dec-16		
2018P01215WE EU	2019-Dec-16		EU	19817736.2	3900208	2023-Sep-13	2039-Dec-16		
2018P01215WE GB	2019-Dec-16		GB	19817736.2	3900208	2023-Sep-13	2039-Dec-16		
2018P01215WE IE	2019-Dec-16		IE	19817736.2	3900208	2023-Sep-13	2039-Dec-16		
2018P01215WE TR	2019-Dec-16		TR	19817736.2	3900208	2023-Sep-13	2039-Dec-16		
2018P01215WOCN	2019-Dec-16		CN	201980085225.2	201980085225.2	2024-Jun-11	2039-Dec-13		
2018P01215WOIN	2019-Dec-16		IN	202117006441	546900	2024-Jul-31	2039-Dec-16		
2018P01215WOJP	2019-Dec-16		JP	2021-504754	7143506	2022-Sep-16	2039-Dec-16		
2018P01215WOKR	2019-Dec-16		KR	10-2021-7003005	10-2460701	2022-Oct-25	2039-Dec-16		
2018P01215WOUS	2019-Dec-16		US	17/264,917	11,251,854	2022-Feb-15	2039-Dec-16		
2019P01069 CN	Random Access Type Selection	2020-Jun-18	CN	202410177099.6			2040-Jun-18	2019-Jun-19	
2019P01069 IN		2020-Jun-18	IN	202338012594			2040-Jun-18		
2019P01069 JP		2020-Jun-18	JP	2023-133961			2040-Jun-18		
2019P01069 WE		2020-Jun-18	EP	20733286.7			2040-Jun-18		
2019P01069 WOCN		2020-Jun-18	CN	202080048784.9			2040-Jun-18		
2019P01069 WOIN		2020-Jun-18	IN	202137058851			2040-Jun-18		
2019P01069 WOJP		2020-Jun-18	JP	2021-575895	7434373	2024-Feb-09	2040-Jun-18		
2019P01069 WOKR		2020-Jun-18	KR	10-2022-7001930			2040-Jun-18		
2019P01069 WOUS		2020-Jun-18	US	17/552,993			2040-Jun-18		
2019P01070 HK		Operation Requests	2020-Oct-28	HK	62023069542.6			2040-Oct-28	2019-Nov-06
2019P01070 WE	2020-Oct-28		EP	20793734.3			2040-Oct-28		
2019P01070 WOCN	2020-Oct-28		CN	202080092047.9			2040-Oct-28		
2019P01070 WOKR	2020-Oct-28		KR	10-2022-7018755			2040-Oct-28		
2019P01070 WOUS	2020-Oct-28		US	17/661,156			2040-Oct-28		
2019P01071 HK	Conditional Handover Enhancements	2020-Jul-23	HK	62022064851.8			2040-Jul-23	2019-Jul-30	
2019P01071 IN		2020-Jul-23	IN	202438021510			2040-Jul-23		
2019P01071 IN01		2020-Jul-23	IN	202438021511			2040-Jul-23		
2019P01071 WE		2020-Jul-23	EP	20742756.8			2040-Jul-23		
2019P01071 WOCN		2020-Jul-23	CN	202080068652.2			2040-Jul-23		
2019P01071 WOIN		2020-Jul-23	IN	202237004947			2040-Jul-23		
2019P01071 WOJP		2020-Jul-23	JP	2022-506189	7434525	2024-Feb-09	2040-Jul-23		
2019P01071 WOKR		2020-Jul-23	KR	10-2022-7006498			2040-Jul-23		
2019P01071 WOUS		2020-Jul-23	US	17/586,866			2040-Jul-23		
2019P01072 HK		Enhanced CSI Type II (v)	2020-Oct-08	HK	62023067898.4			2040-Oct-08	2019-Oct-11
2019P01072 WE	2020-Oct-08		EP	20785763.2			2040-Oct-08		
2019P01072 WOCN	2020-Oct-08		CN	202080086288.2			2040-Oct-08		
2019P01072 WOKR	2020-Oct-08		KR	10-2022-7015843			2040-Oct-08		
2019P01072 WOUS	2020-Oct-08		US	17/715,245	12,113,593	2024-Oct-08	2040-Oct-08		
2019P01073 HK	Sidelink Retransmission	2020-Sep-30	HK	62023067899.2			2040-Sep-30	2019-Oct-02	
2019P01073 JP		2020-Sep-30	JP	2024-098400			2040-Sep-30		
2019P01073 WE		2020-Sep-30	EP	20776203.0			2040-Sep-30		
2019P01073 WOCN		2020-Sep-30	CN	202080076242.2			2040-Sep-30		
2019P01073 WOIN		2020-Sep-30	IN	202237019920			2040-Sep-30		
2019P01073 WOJP		2020-Sep-30	JP	2022-520427			2040-Sep-30		
2019P01073 WOKR		2020-Sep-30	KR	10-2022-7014774			2040-Sep-30		
2019P01073 WOUS		2020-Sep-30	US	17/657,608			2040-Sep-30		
2019P01074 HK		HARQ Process Multiplexing	2020-Sep-30	HK				2040-Sep-30	2019-Oct-02
2019P01074 WE			2020-Sep-30	EP	20780217.4			2040-Sep-30	
2019P01074 WOCN	2020-Sep-30		CN	202080076288.4			2040-Sep-30		
2019P01074 WOJP	2020-Sep-30		JP	2022-520513			2040-Sep-30		
2019P01074 WOKR	2020-Sep-30		KR	10-2022-7014235			2040-Sep-30		
2019P01074 WOUS	2020-Sep-30		US	17/711,529			2040-Sep-30		

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2019P01075 CN	Secondary Cell	2020-Oct-08	CN	202410398099.9			2040-Oct-08	2019-Oct-11
2019P01075 HK	Replacement	2020-Oct-08	HK	62023067900.8			2040-Oct-08	
2019P01075 WE		2020-Oct-08	EP	20786582.5			2040-Oct-08	
2019P01075 WOCN		2020-Oct-08	CN	202080086359.9			2040-Oct-08	
2019P01075 WOJP		2020-Oct-08	JP	2022-521261			2040-Oct-08	
2019P01075 WOKR		2020-Oct-08	KR	10-2022-7015741			2040-Oct-08	
2019P01075 WOUS		2020-Oct-08	US	17/715,791			2040-Oct-08	
2019P01076 HK	Retransmission Process	2020-Mar-19	HK	62021043253.5			2040-Mar-19	2019-Apr-07
2019P01076 US		2020-Mar-19	US	18/894,206			2040-Mar-19	
2019P01076 WEES		2020-Mar-19	ES	20711193.1	3954074	2023-Jun-07	2040-Mar-19	
2019P01076 WEEU		2020-Mar-19	EU	20711193.1	3954074	2023-Jun-07	2040-Mar-19	
2019P01076 WEGB		2020-Mar-19	GB	20711193.1	3954074	2023-Jun-07	2040-Mar-19	
2019P01076 WETR		2020-Mar-19	TR	20711193.1	3954074	2023-Jun-07	2040-Mar-19	
2019P01076 WOCN		2020-Mar-19	CN	202080027416.6	202080027416.6	2024-May-14	2040-Mar-19	
2019P01076 WOUS		2020-Mar-19	US	17/440,321	12,113,631	2024-Oct-08	2041-Apr-21	
2019P01077 WE	Uplink Beamforming	2019-Aug-15	EP	19755375.3			2040-Aug-15	2019-Aug-15
2019P01077 WOUS		2019-Aug-15	US	17/635,150			2040-Aug-15	
2019P01078 HK	Reporting on PSSCH	2020-Aug-07	HK	620220654706			2040-Aug-07	2019-Aug-16
2019P01078 WE		2020-Aug-07	EP	20750294.9			2040-Aug-07	
2019P01078 WOCN		2020-Aug-07	CN	202080073000.8	202080073000.8	2024-Sep-06	2040-Aug-07	
2019P01078 WOIN		2020-Aug-07	IN	202237007942			2040-Aug-07	
2019P01078 WOJP		2020-Aug-07	JP	2022-510072	7402969	2023-Dec-13	2040-Aug-07	
2019P01078 WOKR		2020-Aug-07	KR	10-2022-7008773			2040-Aug-07	
2019P01078 WOUS		2020-Aug-07	US	17/651,238			2040-Aug-07	
2019P01079 HK	Sidelink Frame Structure	2020-Oct-01	HK	62022065102.5			2040-Oct-01	2019-Oct-02
2019P01079 IN		2020-Oct-01	IN	202338023727			2040-Oct-01	
2019P01079 WE		2020-Oct-01	EP	20781372.6			2040-Oct-01	
2019P01079 WOCN		2020-Oct-01	CN	202080069524.X			2040-Oct-01	
2019P01079 WOIN		2020-Oct-01	IN	202237019928			2040-Oct-01	
2019P01079 WOJP		2020-Oct-01	JP	2022-520509			2040-Oct-01	
2019P01079 WOKR		2020-Oct-01	KR	10-2022-7014837			2040-Oct-01	
2019P01079 WOUS		2020-Oct-01	US	17/711,644			2040-Oct-01	
2019P01080 HK	Antenna Adaptation	2020-Nov-05	HK	62023067901.6			2040-Nov-05	2019-Nov-07
2019P01080 WE		2020-Nov-05	EP	20800653.6			2040-Nov-05	
2019P01080 WOCN		2020-Nov-05	CN	202080084907.4			2040-Nov-05	
2019P01080 WOKR		2020-Nov-05	KR	10-2022-7018783			2040-Nov-05	
2019P01080 WOUS		2020-Nov-05	US	17/662,173			2040-Nov-05	
2019P01081 HK	RTT Measurement	2020-Jan-10	HK	62021037824.1			2040-Jan-10	2019-Jan-10
2019P01081 US		2020-Jan-10	US	18/738,112			2040-Jan-10	
2019P01081 EP 01		2020-Jan-10	EP	23196840.5			2040-Jan-10	
2019P01081 WEES		2020-Jan-10	ES	20700134.8	3909324	2023-Sep-13	2040-Jan-10	
2019P01081 WEEU		2020-Jan-10	EU	20700134.8	3909324	2023-Sep-13	2040-Jan-10	
2019P01081 WEGB		2020-Jan-10	GB	20700134.8	3909324	2023-Sep-13	2040-Jan-10	
2019P01081 WETR		2020-Jan-10	TR	20700134.8	3909324	2023-Sep-13	2040-Jan-10	
2019P01081 WOCN		2020-Jan-10	CN	202080008749.4	202080008749.4	2024-Jul-02	2040-Jan-10	
2019P01081 WOIN		2020-Jan-10	IN	202117033933	550871	2024-Sep-24	2040-Jan-10	
2019P01081 WOJP		2020-Jan-10	JP	2021-540249	7487210	2024-May-10	2040-Jan-10	
2019P01081 WOKR		2020-Jan-10	KR	10-2021-7024988			2040-Jan-10	
2019P01081 WOUS		2020-Jan-10	US	17/421,248	12,025,724	2024-Jul-02	2040-Oct-31	
2019P01082 JP	Feedback in Sidelink	2020-Jan-09	JP	2023-066364			2040-Jan-09	2019-Jan-10
2019P01082 KR		2020-Jan-09	KR	10-2024-7014703			2040-Jan-09	
2019P01082 US		2020-Jan-09	US	18/597,987			2040-Jan-09	
2019P01082 WE		2020-Jan-09	EP	20700466.4			2040-Jan-09	
2019P01082 WOCN		2020-Jan-09	CN	202080020423.3	202080020423.3	2024-Sep-06	2040-Jan-09	
2019P01082 WOIN		2020-Jan-09	IN	202117030769			2040-Jan-09	
2019P01082 WOJP		2020-Jan-09	JP	2021-540206	7265634	2023-Apr-18	2040-Jan-09	
2019P01082 WOKR		2020-Jan-09	KR	10-2021-7025261			2040-Jan-09	
2019P01082 WOUS		2020-Jan-09	US	17/370,647	11,950,326	2024-Apr-02	2040-Oct-03	
2019P01083 JP	NR-U Wideband	2020-Apr-03	JP	2023-210476			2040-Apr-03	2019-Apr-05
2019P01083 US		2020-Apr-03	US				2040-Apr-03	
2019P01083 EP 02		2020-Apr-03	EP	24168014.9			2040-Apr-03	
2019P01083 EP 03		2020-Apr-03	EP	24168025.5			2040-Apr-03	
2019P01083 WEES		2020-Apr-03	ES	20715084.8	3949596	2024-Apr-03	2040-Apr-03	
2019P01083 WEEU		2020-Apr-03	EU	20715084.8	3949596	2024-Apr-03	2040-Apr-03	
2019P01083 WEGB		2020-Apr-03	GB	20715084.8	3949596	2024-Apr-03	2040-Apr-03	
2019P01083 WETR		2020-Apr-03	TR	20715084.8	3949596	2024-Apr-03	2040-Apr-03	
2019P01083 WOCN		2020-Apr-03	CN	202080034082.5			2040-Apr-03	
2019P01083 WOIN		2020-Apr-03	IN	202117044744	528234	2024-Mar-15	2040-Apr-03	
2019P01083 WOJP		2020-Apr-03	JP	2021-559302	7404388	2023-Dec-15	2040-Apr-03	
2019P01083 WOKR		2020-Apr-03	KR	10-2021-7036153			2040-Apr-03	
2019P01083 WOUS		2020-Apr-03	US	17/491,130	12,101,806	2024-Sep-24	2041-Feb-13	
2019P01084 HK	Multi-Connection	2020-Aug-11	HK	620220653724			2040-Aug-11	2019-Aug-13
2019P01084 JP		2020-Aug-11	JP	2023-150865			2040-Aug-11	
2019P01084 WEES		2020-Aug-11	ES	20754756.3	4014694	2024-Oct-30	2040-Aug-11	
2019P01084 WEEU		2020-Aug-11	EU	20754756.3	4014694	2024-Oct-30	2040-Aug-11	
2019P01084 WEGB		2020-Aug-11	GB	20754756.3	4014694	2024-Oct-30	2040-Aug-11	
2019P01084 WETR		2020-Aug-11	TR	20754756.3	4014694	2024-Oct-30	2040-Aug-11	
2019P01084 WOCN		2020-Aug-11	CN	202080071488.0			2040-Aug-11	
2019P01084 WOIN		2020-Aug-11	IN	202217006982			2040-Aug-11	
2019P01084 WOJP		2020-Aug-11	JP	2022-508837	7368598	2023-Oct-16	2040-Aug-11	
2019P01084 WOKR		2020-Aug-11	KR	10-2022-7008215			2040-Aug-11	
2019P01084 WOUS		2020-Aug-11	US	17/667,690			2040-Aug-11	
2019P01085 HK	Shared Network	2020-Aug-13	HK	62022065101.7			2040-Aug-13	2019-Aug-14
2019P01085 WE	Wireless Communication	2020-Aug-13	EP	20753946.1			2040-Aug-13	
2019P01085 WOCN		2020-Aug-13	CN	202080064243.5			2040-Aug-13	
2019P01085 WOUS		2020-Aug-13	US	17/669,187			2040-Aug-13	

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2020P00969WE	Enhanced CSI Type II (vi)	2021-Jun-14	EP	21731515.9			2041-Jun-16	2020-Jun-15
2020P00969WOCN		2021-Jun-14	CN	202180039352.6			2041-Jun-16	
2020P00969WOIN		2021-Jun-14	IN	202217069082			2041-Jun-16	
2020P00969WOJP		2021-Jun-14	JP	2022-573727			2041-Jun-16	
2020P00969WOUS		2021-Jun-14	US	17/927,522			2041-Jun-16	
2020P00970WE	Enhanced CSI Type II (vii)	2021-Jan-22	EP	21700794.7			2041-Jan-22	2020-Jan-24
2020P00970WOUS		2021-Jan-22	US	17/869,436			2041-Jan-22	2020-Jul-15
2020P00971WE	SL Resource Reservation	2021-Jun-30	EP	21739066.5			2041-Jun-30	2020-Jul-01
2020P00971WOCN		2021-Jun-30	CN	202180047171.8			2041-Jun-30	
2020P00971WOIN		2021-Jun-30	IN	202347005341			2041-Jun-30	
2020P00971WOJP		2021-Jun-30	JP	2022-580518			2041-Jun-30	
2020P00971WOMX		2021-Jun-30	MX	A/2022/016288			2041-Jun-30	
2020P00971WOUS		2021-Jun-30	US	18/013,290			2041-Jun-30	
2020P00972WE		SL Assistance Messages	2021-Sep-15	EP	21778384.4			2041-Sep-15
2020P00972WOCN	2021-Sep-15		CN	202180077442.4			2041-Sep-15	
2020P00972WOIN	2021-Sep-15		IN	202347025718			2041-Sep-15	
2020P00972WOJP	2021-Sep-15		JP	2023-516761			2041-Sep-15	
2020P00972WOUS	2021-Sep-15		US	18/026,855			2041-Sep-15	
2020P00973WE	Coverage Enhancement	2021-Aug-17	EP	21762473.3			2041-Aug-17	2020-Aug-28
2020P00973WOCN		2021-Aug-17	CN	202180053598.9			2041-Aug-17	
2020P00973WOIN		2021-Aug-17	IN	202347017916			2041-Aug-17	
2020P00973WOJP		2021-Aug-17	JP	2023-513221			2041-Aug-17	
2020P00973WOUS		2021-Aug-17	US	18/022,277			2041-Aug-17	
2020P00974WE	Positioning Enhancement	2021-Jul-27	EP	21749831.0			2041-Jul-27	2020-Aug-07
2020P00974WOCN		2021-Jul-27	CN	202180068618.X			2041-Jul-27	
2020P00974WOIN		2021-Jul-27	IN	202347014825			2041-Jul-27	
2020P00974WOJP		2021-Jul-27	JP	2023-508071			2041-Jul-27	
2020P00974WOUS		2021-Jul-27	US	18/020,104			2041-Jul-27	
2020P00975 HK	Relay Device	2020-Dec-30	HK				2040-Dec-30	2020-Jan-03
2020P00975WE		2020-Dec-30	EP	20838580.7			2040-Dec-30	
2020P00975WOCN		2020-Dec-30	CN	202080095202.2			2040-Dec-30	
2020P00975WOKR		2020-Dec-30	KR	10-2022-7026764			2040-Dec-30	
2020P00975WOUS		2020-Dec-30	US	17/855,982			2040-Dec-30	
2020P00976WE	Feedback in Sidelink	2021-Jun-18	EP	21733988.6			2041-Jun-18	2020-Jun-19
2020P00976WOCN		2021-Jun-18	CN	202380004224.7			2041-Jun-18	
2020P00976WOIN		2021-Jun-18	IN	202237072552			2041-Jun-18	
2020P00976WOJP		2021-Jun-18	JP	2022-578566			2041-Jun-18	
2020P00976WOKR		2021-Jun-18	KR	10-2023-7000807			2041-Jun-18	
2020P00976WOUS		2021-Jun-18	US	18/067,395			2041-Jun-18	
2020P00977 JP	QOS Management	2021-Jun-14	JP	2024-103548			2041-Jun-14	2020-Jun-19
2020P00977WE		2021-Jun-14	EP	21732297.3			2041-Jun-14	
2020P00977WOCN		2021-Jun-14	CN	202380003393.9			2041-Jun-14	
2020P00977WOIN		2021-Jun-14	IN	202237072802			2041-Jun-14	
2020P00977WOJP		2021-Jun-14	JP	2022-578564			2041-Jun-14	
2020P00977WOKR		2021-Jun-14	KR	10-2023-7000840			2041-Jun-14	
2020P00977WOUS		2021-Jun-14	US	18/066,221			2041-Jun-14	
2021P00926WE		Sidelink DRx	2022-Mar-31	EP	22719921.3			2042-Mar-31
2021P00926WOCN	2022-Mar-31		CN	202280026594.6			2042-Mar-31	
2021P00926WOIN	2022-Mar-31		IN	202347073368			2042-Mar-31	
2021P00926WOJP	2022-Mar-31		JP	2023-560094			2042-Mar-31	
2021P00926WOUS	2022-Mar-31		US	18/284,748			2042-Mar-31	
2021P00939WE	Hybrid Flow	2022-May-31	EP	22734169			2042-May-31	2021-Jun-02
2021P00939WOCN		2022-May-31	CN	202280039630.2			2042-May-31	
2021P00939WOIN		2022-May-31	IN	202347084761			2042-May-31	
2021P00939WOKR		2022-May-31	KR	10-2023-7045204			2042-May-31	
2021P00939WOUS		2022-May-31	US	18/566,231			2042-May-31	
2021P00940WE	SL Collision Indicator	2022-Sep-05	EP	22785924.6			2042-Sep-05	2021-Sep-30
2021P00940WOCN		2022-Sep-05	CN	202280078808.4			2042-Sep-05	
2021P00940WOIN		2022-Sep-05	IN	202447029296			2042-Sep-05	
2021P00940WOJP		2022-Sep-05	JP	2024-519374			2042-Sep-05	
2021P00940WOUS		2022-Sep-05	US	18/696,376			2042-Sep-05	
2019P01086 CN	Quasi Co Location Prioritisation	2020-Mar-27	CN	202211481682.3			2040-Mar-27	2019-Mar-28
2019P01086 JP		2020-Mar-27	JP	2023-079276	7479544	2024-Apr-25	2040-Mar-27	
2019P01086 US01		2020-Mar-27	US	17/478,612	11,363,627	2022-Jun-14	2040-Mar-27	
2019P01086 US02		2020-Mar-27	US	17/734,714	12069690	2024-Aug-20	2040-Jun-27	
2019P01086 US03		2020-Mar-27	US	18/782,041			2040-Mar-27	
2019P01086WE 01		2020-Mar-27	EP	22185570.3			2040-Mar-27	
2019P01086WECH		2020-Mar-27	CH	20721914.8	3935774	2022-Jul-20	2040-Mar-27	
2019P01086WEDE		2020-Mar-27	DE	20721914.8	3935774	2022-Jul-20	2040-Mar-27	
2019P01086WEFR		2020-Mar-27	FR	20721914.8	3935774	2022-Jul-20	2040-Mar-27	
2019P01086WEGB		2020-Mar-27	GB	20721914.8	3935774	2022-Jul-20	2040-Mar-27	
2019P01086WEIE		2020-Mar-27	IE	20721914.8	3935774	2022-Jul-20	2040-Mar-27	
2019P01086WENL		2020-Mar-27	NL	20721914.8	3935774	2022-Jul-20	2040-Mar-27	
2019P01086WOCN		2020-Mar-27	CN	202080039699	114097192	2022-Dec-13	2040-Mar-27	
2019P01086WOJP		2020-Mar-27	JP	2021-557642	7284968	2023-Jun-01	2040-Mar-27	
2019P01086WOKR		2020-Mar-27	KR	10-2021-7034904	10-2583325	2023-Sep-26	2040-Mar-27	

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2019P01088 CA	BWP transitions	2020-Mar-30	CA	3199052			2040-Mar-30	2019-Mar-28	
2019P01088 US01		2020-Mar-30	US	17/197,297			2040-Mar-30		
2019P01088WE 01		2020-Mar-30	EP	23183171.0			2040-Mar-30		
2019P01088WECH		2020-Mar-30	CH	20721989.0	3845011	2023-Jul-05	2040-Mar-30		
2019P01088WEDE		2020-Mar-30	DE	20721989.0	3845011	2023-Jul-05	2040-Mar-30		
2019P01088WEES		2020-Mar-30	ES	20721989.0	3845011	2023-Jul-05	2040-Mar-30		
2019P01088WEFR		2020-Mar-30	FR	20721989.0	3845011	2023-Jul-05	2040-Mar-30		
2019P01088WEGB		2020-Mar-30	GB	20721989.0	3845011	2023-Jul-05	2040-Mar-30		
2019P01088WEIT		2020-Mar-30	IT	20721989.0	3845011	2023-Jul-05	2040-Mar-30		
2019P01088WENL		2020-Mar-30	NL	20721989.0	3845011	2023-Jul-05	2040-Mar-30		
2019P01088WEPT		2020-Mar-30	PT	20721989.0	3845011	2023-Jul-05	2040-Mar-30		
2019P01088WETR		2020-Mar-30	TR	20721989.0	3845011	2023-Jul-05	2040-Mar-30		
2019P01088WOCA		2020-Mar-30	CA	3135030	3135030	2023-Jul-11	2040-Mar-30		
2019P01088WOCN		2020-Mar-30	CN	202080038779.X	202080038779.X	2024-Mar-15	2040-Mar-30		
2019P01088WOIN		2020-Mar-30	IN	202117048679	497700	2024-Jan-11	2040-Mar-30		
2019P01088WOJP	2020-Mar-30	JP	2021-557659	7404386	2023-Dec-15	2040-Mar-30			
2019P01088WOKR	2020-Mar-30	KR	10-2021-7034949	10-2667928	2024-May-17	2040-Mar-30			
2019P01092 IN	PUCCH resource Index	2020-Nov-04	IN	202418055972			2040-Nov-04	2019-Nov-04	
2019P01092 US01		2020-Nov-04	US	17/519,102	11,617,164	2023-Mar-28	2040-Nov-04		
2019P01092 US02		2020-Nov-04	US	18/110,526			2040-Nov-04		
2019P01092WECH		2020-Nov-04	CH	20812199.6	4022828	2023-Aug-30	2040-Nov-04		
2019P01092WEES		2020-Nov-04	ES	20812199.6	4022828	2023-Aug-30	2040-Nov-04		
2019P01092WEEU		2020-Nov-04	EU	20812199.6	4022828	2023-Aug-30	2040-Nov-04		
2019P01092WEGB		2020-Nov-04	GB	20812199.6	4022828	2023-Aug-30	2040-Nov-04		
2019P01092WEIE		2020-Nov-04	IE	20812199.6	4022828	2023-Aug-30	2040-Nov-04		
2019P01092WEPL		2020-Nov-04	PL	20812199.6	4022828	2023-Aug-30	2040-Nov-04		
2019P01092WETR		2020-Nov-04	TR	20812199.6	4022828	2023-Aug-30	2040-Nov-04		
2019P01092WOCA		2020-Nov-04	CA	3156295			2040-Nov-04		
2019P01092WOCN		2020-Nov-04	CN	202080076750.0	202080076750.0	2023-Oct-03	2040-Nov-04		
2019P01092WOIN		2020-Nov-04	IN	202217028338			2040-Nov-04		
2019P01092WOJP		2020-Nov-04	JP	2022-525699			2040-Nov-04		
2019P01092WOKR		2020-Nov-04	KR	10-2022-7016633			2040-Nov-04		
2020P00979 US01	Sidelink Resource Pre-emption	2021-Feb-16	US	17/484,212	11,419,096	2022-Aug-16	2041-Feb-16	2020-Feb-13	
2020P00979 US02		2021-Feb-16	US	17/862,449	12,035,282	2024-Jul-09	2041-Jun-29		
2020P00979 US03		2021-Feb-16	US	18/731,417			2041-Feb-16		
2020P00979EP		2021-Feb-16	EP	23152268.1			2041-Feb-16		
2020P00979WECH		2021-Feb-16	CH	21711664.9	3895490	2023-Apr-05	2041-Feb-16		
2020P00979WEDE		2021-Feb-16	DE	21711664.9	3895490	2023-Apr-05	2041-Feb-16		
2020P00979WEFR		2021-Feb-16	FR	21711664.9	3895490	2023-Apr-05	2041-Feb-16		
2020P00979WEGB		2021-Feb-16	GB	21711664.9	3895490	2023-Apr-05	2041-Feb-16		
2020P00979WEIE		2021-Feb-16	IE	21711664.9	3895490	2023-Apr-05	2041-Feb-16		
2020P00979WENL		2021-Feb-16	NL	21711664.9	3895490	2023-Apr-05	2041-Feb-16		
2020P00979WOCA		2021-Feb-16	CA	3165739	3165739	2024-Apr-02	2041-Feb-16		
2020P00979WOCN		2021-Feb-16	CN	202180019988.4	202180019988.4	2023-Oct-31	2041-Feb-16		
2020P00979WOJP		2021-Feb-16	JP	2022-548923	7262034	2023-Apr-21	2041-Feb-16		
2020P00979WOKR		2021-Feb-16	KR	10-2022-7031634	10-2671091	2024-May-28	2041-Feb-16		
2020P00980 US01		Small Data Transmission	2021-May-12	US	17/712,356	11,627,632	2023-Apr-11	2041-May-12	2020-May-14
2020P00980 US02	2021-May-12		US	18/132,771			2041-May-12		
2020P00980EP	2021-May-12		EP	23217426.8			2041-May-12		
2020P00980WEES	2021-May-12		ES	21731618.1	4029347	2023-Dec-20	2041-May-12		
2020P00980WEEU	2021-May-12		EU	21731618.1	4029347	2023-Dec-20	2041-May-12		
2020P00980WEGB	2021-May-12		GB	21731618.1	4029347	2023-Dec-20	2041-May-12		
2020P00980WETR	2021-May-12		TR	21731618.1	4029347	2023-Dec-20	2041-May-12		
2020P00980WOCN	2021-May-12		CN	202180043687.5	202180043687.5	2024-Aug-16	2041-May-12		
2019P01089 US01	Time resource and beam configuration	2020-May-01	US	16/864,322	11,395,303	2022-Jul-19	2040-May-01	2019-May-02	
2019P01089 US02		2020-May-01	US	17/866,113			2040-May-01		
2019P01089 US01	Time resource and beam configuration	2020-May-01	US	16/864,322	11,395,303	2022-Jul-19	2040-May-01	2019-May-02	
2019P01089 US02		2020-May-01	US	17/866,113			2040-May-01		
2015P01882 HK	Anchor Handover	2015-Nov-06	HK	18108156	1248955	2021-Dec-10	2035-Nov-06	2015-Nov-06	
2015P01882 US		2015-Nov-06	US	16/748,741	11184811	2021-Nov-23	2035-Nov-06		
2015P01882WEDE		2015-Nov-06	DE	15907666	3340683	2022-Jun-22	2035-Nov-06		
2015P01882WEFR		2015-Nov-06	FR	15907666	3340683	2022-Jun-22	2035-Nov-06		
2015P01882WEGB		2015-Nov-06	GB	15907666	3340683	2022-Jun-22	2035-Nov-06		
2015P01882WOAU		2015-Nov-06	AU	2015414056	2015414056	2022-Jun-25	2035-Nov-06		
2015P01882WOCA		2015-Nov-06	CA	20153000870	3000870	2021-May-18	2035-Nov-06		
2015P01882WOCN		2015-Nov-06	CN	201580083237.3	201580083237.3	2021-Aug-13	2035-Nov-06		
2015P01882WOKR		2015-Nov-06	KR	10-2018-7008205	10-2407695	2022-Jun-07	2035-Nov-06		
2015P01882WOMX		2015-Nov-06	MX	2018/0005703	391794	2022-Apr-22	2035-Nov-06		
2015P01882WOSG		2015-Nov-06	SG	SG20181102479Q	20181102479Q	2021-Apr-27	2035-Nov-06		
2015P01882WOUS		2015-Nov-06	US	15/766,277	10631210	2020-Apr-21	2035-Nov-06		
2015P01883WEFR		Periodic Transmission Adjustment	2015-Nov-25	FR	15909035.6	3340677	2021-Dec-22	2035-Nov-25	2015-Nov-25
2015P01883WOCN			2015-Nov-25	CN	201580081264.7	201580081264.7	2021-May-25	2035-Nov-25	
2015P01883WOIN			2015-Nov-25	IN	201817019364	463699	2023-Oct-30	2035-Nov-25	
2015P01883WOJP	2015-Nov-25		JP	2018-515251	6608528	2019-Nov-01	2035-Nov-25		
2015P01883WOUS	2015-Nov-25		US	15/757,838	10813117	2020-Oct-20	2035-Nov-25		

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2016P01502 HK	SSBs Specific Random	2016-Nov-03	HK	19129785.2	HK40006300	2021-Dec-03	2036-Nov-03	2016-Nov-03
2016P01502 US	Access	2016-Nov-03	US	16/952,898	11284419	2022-Mar-22	2036-Nov-03	
2016P01502EPCH		2016-Nov-03	CH	21156577.5	3840258	2023-Sep-06	2036-Nov-03	
2016P01502EPDE		2016-Nov-03	DE	21156577.5	3840258	2023-Sep-06	2036-Nov-03	
2016P01502EPES		2016-Nov-03	ES	21156577.5	3840258	2023-Sep-06	2036-Nov-03	
2016P01502EPFR		2016-Nov-03	FR	21156577.5	3840258	2023-Sep-06	2036-Nov-03	
2016P01502EPGB		2016-Nov-03	GB	21156577.5	3840258	2023-Sep-06	2036-Nov-03	
2016P01502EPLI		2016-Nov-03	LI	21156577.5	3840258	2023-Sep-06	2036-Nov-03	
2016P01502WECH		2016-Nov-03	CH	16920497.1	3534635	2021-Mar-24	2036-Nov-03	
2016P01502WEDE		2016-Nov-03	DE	16920497.1	3534635	2021-Mar-24	2036-Nov-03	
2016P01502WEES		2016-Nov-03	ES	16920497.1	3534635	2021-Mar-24	2036-Nov-03	
2016P01502WEFR		2016-Nov-03	FR	16920497.1	3534635	2021-Mar-24	2036-Nov-03	
2016P01502WEGB		2016-Nov-03	GB	16920497.1	3534635	2021-Mar-24	2036-Nov-03	
2016P01502WENL		2016-Nov-03	NL	16920497.1	3534635	2021-Mar-24	2036-Nov-03	
2016P01502WOCA		2016-Nov-03	CA	3042591	3042591	2022-Aug-09	2036-Nov-03	
2016P01502WOCN		2016-Nov-03	CN	201680090599.X	201680090599.X	2021-May-11	2036-Nov-03	
2016P01502WOID		2016-Nov-03	ID	P00201904709			2036-Nov-03	
2016P01502WOIL		2016-Nov-03	IL	266332	266332	2022-May-01	2036-Nov-03	
2016P01502WOIN		2016-Nov-03	IN	201917021582	526844	2024-Mar-15	2036-Nov-03	
2016P01502WOJP		2016-Nov-03	JP	2019-523027	7044777	2022-Mar-22	2036-Nov-03	
2016P01502WOPH		2016-Nov-03	PH	1/2019/500987			2036-Nov-03	
2016P01502WORU		2016-Nov-03	RU	2019116908	2735325	2020-Oct-30	2036-Nov-03	
2016P01502WOSG		2016-Nov-03	SG	11201903920V	11201903920V	2024-Jan-25	2036-Nov-03	
2016P01502WOUS		2016-Nov-03	US	16/401,753	10912109	2021-Feb-02	2036-Nov-03	
2016P01502WOZA		2016-Nov-03	ZA	20190003600	20190003600	2020-Sep-30	2036-Nov-03	
2016P01503WOCN	Latency Reporting	2016-May-11	CN	201680084001.6	201680084001.6	2022-Feb-25	2036-May-11	2016-May-11
2016P01503WOIN		2016-May-11	IN	201817044403	427528	2023-Mar-29	2036-May-11	
2016P01503WOJP		2016-May-11	JP	2018-554370	6772294	2020-Oct-02	2036-May-11	
2016P01503WOUS		2016-May-11	US	16/082,923	10931555	2021-Feb-23	2036-May-11	
2016P01504 TW	Sidelink Transmission	2017-Nov-03	TW	106138128	1741060	2021-Oct-01	2037-Nov-03	2016-Nov-25
2016P01504WECH	Decision	2016-Nov-25	CH	16922094.4	3541130	2023-Jan-11	2036-Nov-25	
2016P01504WEDE		2016-Nov-25	DE	16922094.4	3541130	2023-Jan-11	2036-Nov-25	
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2016P01504WEGB		2016-Nov-25	GB	16922094.4	3541130	2023-Jan-11	2036-Nov-25	
2016P01504WEIE		2016-Nov-25	IE	16922094.4	3541130	2023-Jan-11	2036-Nov-25	
2016P01504WOCN		2016-Nov-25	CN	201680089528.8	201680089528.8	2022-Jan-04	2036-Nov-25	
2016P01504WOIN		2016-Nov-25	IN	201917023570	464081	2023-Oct-31	2036-Nov-25	
2016P01504WOJP		2016-Nov-25	JP	2019-526474	7013463	2022-Jan-21	2036-Nov-25	
2016P01504WOUS		2016-Nov-25	US	16/461,993	11147074	2021-Oct-12	2036-Nov-25	
2016P01505 CN	Conditional Handover (ii)	2016-Sep-13	CN	202110002189.8	112702778	2023-May-23	2036-Sep-13	2016-Sep-13
2016P01505 HK		2016-Sep-13	HK	19126336.7	40002761	2021-Aug-20	2036-Sep-13	
2016P01505 TW		2017-Aug-31	TW	106129744	1743184	2021-Oct-21	2037-Aug-31	
2016P01505 US		2016-Sep-13	US	17/006,435	12,022,389	2024-Jun-25	2039-Apr-07	
2016P01505 US01		2016-Sep-13	US	18/638,938			2036-Sep-13	
2016P01505WEGB		2016-Sep-13	GB	16915955.5	3457805	2022-Nov-02	2036-Sep-13	
2016P01505WOCN		2016-Sep-13	CN	201680087140.4	109417737	2021-Jan-15	2036-Sep-13	
2016P01505WOIN		2016-Sep-13	IN	201817049403	498418	2024-Jan-12	2036-Sep-13	
2016P01505WOUS		2016-Sep-13	US	16/311,994	10,805,881	2020-Oct-13	2036-Sep-13	
2016P01506 TW	Secondary Cell	2017-Jun-05	TW	106118606	1733827	2021-Jul-21	2037-Jun-05	2016-Jun-12
2016P01506WEDE	Synchronization	2016-Jun-12	DE	16904886.5	3,422,782	2020-Dec-23	2036-Jun-12	
2016P01506WEFR		2016-Jun-12	FR	16904886.5	3,422,782	2020-Dec-23	2036-Jun-12	
2016P01506WEGB		2016-Jun-12	GB	16904886.5	3,422,782	2020-Dec-23	2036-Jun-12	
2016P01506WOCN		2016-Jun-12	CN	201680084131.X	201680084131.X	2022-Dec-30	2036-Jun-12	
2016P01506WOIN		2016-Jun-12	IN	201817043250			2036-Jun-12	
2016P01506WOJP		2016-Jun-12	JP	2018-555512	6,813,593	2020-Dec-21	2036-Jun-12	
2016P01506WOUS		2016-Jun-12	US	16/098,581	11,026,194	2021-Jun-01	2036-Sep-01	
2016P01507 TW	Security Procedure with	2017-Mar-20	TW	106109056	1724139	2021-Apr-11	2037-Mar-20	2016-Mar-18
2016P01507 US	Network Assistance	2016-Mar-18	US	16/543,449	10,841,965	2020-Nov-17	2036-Mar-18	
2016P01507 US01		2016-Mar-18	US	16/925,200	11,032,861	2021-Jun-08	2036-Mar-18	
2016P01507WOCN		2016-Mar-18	CN	201680078509.5	108605263	2022-Mar-15	2036-Mar-18	
2016P01507WOIN		2016-Mar-18	IN	201817027957	505012	2024-Jan-30	2036-Mar-18	
2016P01507WOUS		2016-Mar-18	US	15/779,035	10,433,356	2019-Oct-01	2036-Mar-18	
2016P01508 TW	Group ID Assignment	2017-Mar-31	TW	106111243	1718281	2021-Feb-11	2037-Mar-31	2016-Apr-07
2016P01508WEDE		2016-Apr-07	DE	16897549.8	3,404,997	2023-Apr-26	2036-Apr-07	
2016P01508WEFR		2016-Apr-07	FR	16897549.8	3,404,997	2023-Apr-26	2036-Apr-07	
2016P01508WEGB		2016-Apr-07	GB	16897549.8	3,404,997	2023-Apr-26	2036-Apr-07	
2016P01508WEIE		2016-Apr-07	IE	16897549.8	3,404,997	2023-Apr-26	2036-Apr-07	
2016P01508WOCN		2016-Apr-07	CN	201680081739.7	201680081739.7	2022-Aug-05	2036-Apr-07	
2016P01508WOIN		2016-Apr-07	IN	201817034793	503,928	2024-Jan-29	2036-Apr-07	
2016P01508WOUS		2016-Apr-07	US	15/999,276	10,993,105	2021-Apr-27	2036-Jul-29	
2016P01509 TW	Sidelink Relay	2017-May-26	TW	106117720	1753914	2022-Feb-01	2037-May-26	2016-Jun-03
2016P01509 US	Adaptation Protocol	2016-Jun-03	US	17/026,930	11,405,773	2022-Aug-02	2036-Aug-01	
2016P01509WOCN	Sublayer	2016-Jun-03	CN	201680084434.1	108886682	2022-Apr-15	2036-Jun-03	
2016P01509WOJP		2016-Jun-03	JP	2018-557077	6749415	2020-Aug-13	2036-Jun-03	
2016P01509WOUS		2016-Jun-03	US	16/092,038	10,841,789	2020-Nov-17	2036-Aug-01	
2016P01510 HK	Timing Advance Reuse	2016-Aug-19	HK	19123500.1	40,000,273	2021-Aug-27	2036-Aug-19	2016-Aug-19
2016P01510 TW		2017-Jul-10	TW	106123102	1737767	2021-Sep-01	2037-Jul-10	
2016P01510WEDE		2016-Aug-19	DE	16913264.4	3,490,275	2021-Mar-31	2036-Aug-19	
2016P01510WOCN		2016-Aug-19	CN	201680088488.5	201680088488.5	2021-Mar-19	2036-Aug-19	
2016P01510WOIN		2016-Aug-19	IN	201917010492	490,241	2023-Dec-27	2036-Aug-19	
2016P01510WOJP		2016-Aug-19	JP	2019-510345	6,900,464	2021-Jun-18	2036-Aug-19	
2016P01510WOUS		2016-Aug-19	US	16/326,110	10,849,146	2020-Nov-24	2036-Aug-19	

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2017P02861 HK	UL Spatial Multiplexed	2017-Mar-14	HK	19132052.2	40008822	2024-Feb-16	2037-Mar-14	2017-Mar-14
2017P02861 TW	SRS	2018-Feb-12	TW	107105088	1751282	2022-Jan-01	2038-Feb-12	
2017P02861WOBR		2017-Mar-14	BR	112019018627	11 2019 018627-1	2024-Jul-02	2037-Mar-14	
2017P02861WOCN		2017-Mar-14	CN	201780087602.7	110366828	2023-Nov-10	2037-Mar-14	
2017P02861WOIN		2017-Mar-14	IN	201917040036	511846	2024-Feb-23	2037-Mar-14	
2017P02861WOJP		2017-Mar-14	JP	2019-549443	6995874	2021-Dec-17	2037-Mar-14	
2017P02861WORU		2017-Mar-14	RU	2019131144	2736636	2020-Nov-19	2037-Mar-14	
2017P02861WOUS		2017-Mar-14	US	16/492,025	11,139,871	2021-Oct-05	2037-Apr-13	
2017P02861WOZA		2017-Mar-14	ZA	2019/0006726	2019/06726	2021-Jan-27	2037-Mar-14	
2017P02862WEDE	Sidelink Control	2017-Apr-27	DE	17906925.7	3614756	2021-Aug-11	2037-Apr-27	2017-Apr-27
2017P02862WOCN	Information Format 2	2017-Apr-27	CN	201780089860.9			2037-Apr-27	
2017P02862WOIN		2017-Apr-27	IN	201917046773	456754	2023-Oct-05	2037-Apr-27	
2017P02862WOJP		2017-Apr-27	JP	2019-557638	6995880	2021-Dec-17	2037-Apr-27	
2017P02862WOKR		2017-Apr-27	KR	10-2019-7034470	10-2319652	2021-Oct-26	2037-Apr-27	
2017P02862WORU		2017-Apr-27	RU	2019136474	2730686	2020-Aug-25	2037-Apr-27	
2017P02862WOSG		2017-Apr-27	SG	11201909820X	11201909820X	2022-Feb-18	2037-Apr-27	
2017P02862WOUS		2017-Apr-27	US	16/602,531	11,330,615	2022-May-10	2038-Jan-30	
2017P02863WEDE	Radio Link Failure	2017-May-04	DE	17908222.7	3611966	2021-Mar-03	2037-May-04	2017-May-04
2017P02863WEFR	Report	2017-May-04	FR	17908222.7	3611966	2021-Mar-03	2037-May-04	
2017P02863WEEB		2017-May-04	GB	17908222.7	3611966	2021-Mar-03	2037-May-04	
2017P02863WOCN		2017-May-04	CN	201780089857.7			2037-May-04	
2017P02863WOIN		2017-May-04	IN	201917044733	446949	2023-Aug-24	2037-May-04	
2017P02863WOKR		2017-May-04	KR	10-2019-7035300	10-2339471	2021-Dec-10	2037-May-04	
2017P02863WOUS		2017-May-04	US	16/609,999	11,133,978	2021-Sep-28	2037-Sep-20	
2017P02864WOCN	Transport Block	2017-Jan-23	CN	201780082645.6	201780082645.6	2022-Oct-11	2037-Jan-23	2017-Jan-23
2017P02864WOIN	Determination	2017-Jan-23	IN	201917033226			2037-Jan-23	
2017P02864WOJP		2017-Jan-23	JP	2019-539759	6980794	2021-Nov-19	2037-Jan-23	
2017P02864WORU		2017-Jan-23	RU	2019126150	2746712	2021-Feb-24	2037-Jan-23	
2017P02864WOSG		2017-Jan-23	SG	11201906730U	11201906730U	2024-Jan-25	2037-Jan-23	
2017P02864WOUS		2017-Jan-23	US	16/479,774	10925073	2021-Feb-16	2037-Jan-23	
2005P01344WEDE	Sidelink Route Selection	2006-May-12	DE	6744934.8	602006024551.3	2011-Sep-21	2026-May-12	2005-May-12
2005P01344WEDK		2006-May-12	DK	6744934.8	1882338	2011-Sep-21	2026-May-12	
2005P01344WEEB		2006-May-12	ES	6744934.8	1882338	2011-Sep-21	2026-May-12	
2005P01344WEFR		2006-May-12	FR	6744934.8	1882338	2011-Sep-21	2026-May-12	
2005P01344WEEB		2006-May-12	GB	6744934.8	1882338	2011-Sep-21	2026-May-12	
2005P01344WEIT		2006-May-12	IT	6744934.8	1882338	2011-Sep-21	2026-May-12	
2005P01344WENL		2006-May-12	NL	6744934.8	1882338	2011-Sep-21	2026-May-12	
2005P01344WESE		2006-May-12	SE	6744934.8	1882338	2011-Sep-21	2026-May-12	
2005P01344WETR		2006-May-12	TR	6744934.8	201111665-T4	2011-Sep-21	2026-May-12	
2005P01344WOCN		2006-May-12	CN	200680016235.3	200680016235.3	2013-Jan-02	2026-May-12	
2005P01344WOIN		2006-May-12	IN	5731/CHENP/2007	279014	2017-Jan-09	2026-May-12	
2005P01344WOJP		2006-May-12	JP	2008-510714	4871355	2011-Nov-25	2026-May-12	
2005P01344WOKR		2006-May-12	KR	10-2007-7025853	10-1270046	2013-May-27	2026-May-12	
2005P01344WOUS		2006-May-12	US	12/159,915	8532060	2013-Sep-10	2028-Apr-22	
2006P00336WEDE	Sub Packets HARQ	2007-Feb-15	DE	7705886.5	602007017495.3	2011-Sep-28	2027-Feb-15	2006-Mar-03
2006P00336WEEB		2007-Feb-15	ES	7705886.5	1994669	2011-Sep-28	2027-Feb-15	
2006P00336WEFR		2007-Feb-15	FR	7705886.5	1994669	2011-Sep-28	2027-Feb-15	
2006P00336WEEB		2007-Feb-15	GB	7705886.5	1994669	2011-Sep-28	2027-Feb-15	
2006P00336WENL		2007-Feb-15	NL	7705886.5	1994669	2011-Sep-28	2027-Feb-15	
2006P00336WETR		2007-Feb-15	TR	7705886.5	TR201111924T4	2011-Sep-28	2027-Feb-15	
2006P00336WOCN		2007-Feb-15	CN	200780007545.3	200780007545.3	2013-Mar-27	2027-Feb-15	
2006P00336WOIN		2007-Feb-15	IN	4659/CHENP/2008	278028	2016-Dec-08	2027-Feb-15	
2006P00336WOJP		2007-Feb-15	JP	2008-556881	4990298	2012-May-11	2027-Feb-15	
2006P00336WOKR		2007-Feb-15	KR	10-2008-7021303	10-1313782	2013-Sep-25	2027-Feb-15	
2006P00336WOUS		2007-Feb-15	US	12/280,998	9548837	2017-Jan-17	2033-Apr-04	
2007P00479WEDE	Carrier Aggregation	2008-Jan-14	DE	8702417	60 2008 011 408.2	2011-Nov-16	2028-Jan-14	2007-Jan-16
2007P00479WEEB	Signalling	2008-Jan-14	ES	8702417	2123101	2011-Nov-16	2028-Jan-14	
2007P00479WEFR		2008-Jan-14	FR	8702417	2123101	2011-Nov-16	2028-Jan-14	
2007P00479WEEB		2008-Jan-14	GB	8702417	2123101	2011-Nov-16	2028-Jan-14	
2007P00479WENL		2008-Jan-14	NL	8702417	2123101	2011-Nov-16	2028-Jan-14	
2007P00479WOCN		2008-Jan-14	CN	200880002437.1	200880002437.1	2013-Feb-13	2028-Jan-14	
2007P00479WOIN		2008-Jan-14	IN	4724/CHENP/2009	294916	2018-Mar-26	2028-Jan-14	
2007P00479WOJP		2008-Jan-14	JP	2009-545281	5090467	2012-Sep-21	2028-Jan-14	
2007P00479WOKR		2008-Jan-14	KR	10-2009-7014709	10-1407422	2014-Jun-09	2028-Jan-14	
2007P00479WOUS		2008-Jan-14	US	12/522,935	8730879	2014-May-20	2031-Aug-20	
2007P00669WOCN	RedCap Signalling	2008-Feb-15	CN	200880005284.6	200880005284.6	2013-Mar-27	2028-Feb-15	2007-Feb-15
2007P00669WOUS		2008-Feb-15	US	12/526,363	8233505	2012-Jul-31	2028-Aug-31	
2015P01887WEDE	Variable SI Validity	2016-Apr-05	DE	16716518.2	60 2016 046 660.C	2020-Oct-28	2036-Apr-05	2015-Apr-08
2015P01887WEEB	Period	2016-Apr-05	ES	16716518.2	3281422	2020-Oct-28	2036-Apr-05	
2015P01887WEFI		2016-Apr-05	FI	16716518.2	3281422	2020-Oct-28	2036-Apr-05	
2015P01887WEFR		2016-Apr-05	FR	16716518.2	3281422	2020-Oct-28	2036-Apr-05	
2015P01887WEEB		2016-Apr-05	GB	16716518.2	3281422	2020-Oct-28	2036-Apr-05	
2015P01887WEIT		2016-Apr-05	IT	16716518.2	3281422	2020-Oct-28	2036-Apr-05	
2015P01887WESE		2016-Apr-05	SE	16716518.2	3281422	2020-Oct-28	2036-Apr-05	
2015P01887WOCA		2016-Apr-05	CA	2980816	CA 2980816 C	2020-Jan-07	2036-Apr-05	
2015P01887WOCN		2016-Apr-05	CN	201680019974	201680019974	2021-Jul-09	2036-Apr-05	
2015P01887WOJP		2016-Apr-05	JP	2017550501	6502521	2019-Mar-29	2036-Apr-05	
2015P01887WOKR		2016-Apr-05	KR	10-2017-7032359	10-1935193	2018-Dec-27	2036-Apr-05	
2015P01887WOUS		2016-Apr-05	US	15/564,014	10299187	2019-May-21	2036-Apr-06	

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2015P01888WEDE	Variable SI Validity Period (ii)	2016-Apr-05	DE	16713939.3	3281420	2020-Dec-02	2036-Apr-05	2015-Apr-08
2015P01888WEES		2016-Apr-05	ES	16713939.3	3281420	2020-Dec-02	2036-Apr-05	
2015P01888WEFI		2016-Apr-05	FI	16713939.3	3281420	2020-Dec-02	2036-Apr-05	
2015P01888WEFR		2016-Apr-05	FR	16713939.3	3281420	2020-Dec-02	2036-Apr-05	
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2015P01888WEIT		2016-Apr-05	IT	16713939.3	3281420	2020-Dec-02	2036-Apr-05	
2015P01888WESE		2016-Apr-05	SE	16713939.3	3281420	2020-Dec-02	2036-Apr-05	
2015P01888WOCA		2016-Apr-05	CA	2980821	2980821	2020-Jan-07	2036-Apr-05	
2015P01888WOCN		2016-Apr-05	CN	201680020005.8	201680020005.8	2021-Jul-13	2036-Apr-05	
2015P01888WOJP		2016-Apr-05	JP	2017-550481	6438152	2018-Nov-22	2036-Apr-05	
2015P01888WOKR	2016-Apr-05	KR	10-2017-7032366	10-1967573	2019-Apr-03	2036-Apr-05		
2015P01888WOUS	2016-Apr-05	US	15/563,974	10341936	2019-Jul-02	2036-Apr-05		
2015P01889WEDE	SI Update Flag	2016-Apr-05	DE	16713941.9	3281421	2020-May-27	2036-Apr-05	2015-Apr-08
2015P01889WEES		2016-Apr-05	ES	16713941.9	3281421	2020-May-27	2036-Apr-05	
2015P01889WEFI		2016-Apr-05	FI	16713941.9	3281421	2020-May-27	2036-Apr-05	
2015P01889WEFR		2016-Apr-05	FR	16713941.9	3281421	2020-May-27	2036-Apr-05	
2015P01889WEGB		2016-Apr-05	GB	16713941.9	3281421	2020-May-27	2036-Apr-05	
2015P01889WEIT		2016-Apr-05	IT	16713941.9	3281421	2020-May-27	2036-Apr-05	
2015P01889WESE		2016-Apr-05	SE	16713941.9	3281421	2020-May-27	2036-Apr-05	
2015P01889WOCA		2016-Apr-05	CA	2980825	2980825	2020-Jan-07	2036-Apr-05	
2015P01889WOCN		2016-Apr-05	CN	201680019925	201680019925	2021-May-28	2036-Apr-05	
2015P01889WOJP		2016-Apr-05	JP	2017-550473	6480007	2019-Feb-15	2036-Apr-05	
2015P01889WOKR	2016-Apr-05	KR	10-2017-7032361	10-1954565	2019-Feb-26	2036-Apr-05		
2015P01889WOUS	2016-Apr-05	US	15/564,003	10420015	2019-Sep-17	2036-Apr-05		
2015P01890WEDE	Low Mobility Measurement Report	2016-Mar-22	DE	16714309.8	60 2016 017 301.8	2019-Jul-24	2036-Mar-22	2015-Mar-23
2015P01890WEFI		2016-Mar-22	FI	16714309.8	3275239	2019-Jul-24	2036-Mar-22	
2015P01890WEFR		2016-Mar-22	FR	16714309.8	3275239	2019-Jul-24	2036-Mar-22	
2015P01890WEGB		2016-Mar-22	GB	16714309.8	3275239	2019-Jul-24	2036-Mar-22	
2015P01890WENL		2016-Mar-22	NL	16714309.8	3275239	2019-Jul-24	2036-Mar-22	
2015P01890WESE		2016-Mar-22	SE	16714309.8	3275239	2019-Jul-24	2036-Mar-22	
2015P01890WOUS		2016-Mar-22	US	15/560,938	10194343	2019-Jan-29	2036-Mar-22	
2015P01891WEDE		Single Carrier Narrow-Band	2016-Apr-12	DE	16717320.2	3284200	2021-Jun-02	2036-Apr-12
2015P01891WEFR	2016-Apr-12		FR	16717320.2	3284200	2021-Jun-02	2036-Apr-12	
2015P01891WEGB	2016-Apr-12		GB	16717320.2	3284200	2021-Jun-02	2036-Apr-12	
2015P01891WEIT	2016-Apr-12		IT	16717320.2	3284200	2021-Jun-02	2036-Apr-12	
2015P01891WOCA	2016-Apr-12		CA	2978242	2978242	2019-Jul-23	2036-Apr-12	
2015P01891WOCN	2016-Apr-12		CN	201680021769	201680021769	2021-Apr-09	2036-Apr-12	
2015P01891WOJP	2016-Apr-12		JP	2017-548222	6527954	2019-May-17	2036-Apr-12	
2015P01891WOKR	2016-Apr-12		KR	10-2017-7033226	10-2054804	2019-Dec-05	2036-Apr-12	
2015P01891WOUS	2016-Apr-12		US	15/565,559	10798727	2020-Oct-06	2036-Dec-14	
2015P01892WEDE	Transmission Configuration for Enhanced Coverage		2016-Nov-04	DE	16791577.6	3342213	2021-Jul-14	2036-Nov-04
2015P01892WEES		2016-Nov-04	ES	16791577.6	3342213	2021-Jul-14	2036-Nov-04	
2015P01892WEFR		2016-Nov-04	FR	16791577.6	3342213	2021-Jul-14	2036-Nov-04	
2015P01892WEGB		2016-Nov-04	GB	16791577.6	3342213	2021-Jul-14	2036-Nov-04	
2015P01892WEIT		2016-Nov-04	IT	16791577.6	3342213	2021-Jul-14	2036-Nov-04	
2015P01892WOCN		2016-Nov-04	CN	201680065182.8	201680065182.8	2021-Oct-26	2036-Nov-04	
2015P01892WOUS		2016-Nov-04	US	15/761,618	10524115	2019-Dec-31	2036-Nov-04	
2018P01217WEEU	Coexisting Core Network Selection	2019-Oct-29	EU	19790562.3	3878216	2023-Nov-29	2039-Oct-29	2018-Nov-09
2018P01217WEGB		2019-Oct-29	GB	19790562.3	3878216	2023-Nov-29	2039-Oct-29	
2018P01217WOCN		2019-Oct-29	CN	201980088397.5			2039-Oct-29	
2018P01217WOIN		2019-Oct-29	IN	202117024835	456048	2023-Sep-29	2039-Oct-29	
2018P01217WOJP		2019-Oct-29	JP	2021-525150	7217805	2023-Jan-26	2039-Oct-29	
2018P01217WOKR		2019-Oct-29	KR	10-2021-7013849	10-2482607	2022-Dec-26	2039-Oct-29	
2018P01217WOUS		2019-Oct-29	US	17/291,117	11930446	2024-Mar-12	2040-Dec-16	
2018P01218WE	Neighbour Cell Measurement Report	2019-Oct-28	EP	19790560.7			2039-Oct-28	2018-Oct-29
2018P01218WOUS		2019-Oct-28	US	17/286,842	11930407	2024-Mar-12	2041-Jan-08	
2019P01094WEEU	Limited Uplink Transmissions	2020-Mar-24	EU	20712585.7	3949593	2024-Apr-24	2040-Mar-24	2019-Mar-26
2019P01094WEGB		2020-Mar-24	GB	20712585.7	3949593	2024-Apr-24	2040-Mar-24	
2019P01094WOCN		2020-Mar-24	CN	202080023965.6			2040-Mar-24	
2019P01094WOIN		2020-Mar-24	IN	202117042542	521085	2024-Mar-06	2040-Mar-24	
2019P01094WOJP		2020-Mar-24	JP	2021-548631	7196328	2022-Dec-16	2040-Mar-24	
2019P01094WOKR		2020-Mar-24	KR	10-2021-7030672	10-2673071	2024-Jun-03	2040-Mar-24	
2019P01094WOUS		2020-Mar-24	US	17/441,739	11770824	2023-Sep-26	2040-Mar-27	