

## WIRELESS TELEGRAPHY ACT, 1926

### WIRELESS TELEGRAPHY (LIBERALISED AND PREPARATORY LICENCES IN THE 800 MHZ, 900 MHZ AND 1800 MHZ BANDS) REGULATIONS 2012

#### **Amended Liberalised Use Licence for terrestrial systems capable of providing Electronic Communications Services.**

Licence under section 5 of the Wireless Telegraphy Act, 1926, to keep and have possession of apparatus for wireless telegraphy for terrestrial systems capable of providing Electronic Communications Services.

The Commission for Communications Regulation, in exercise of the powers conferred on it by section 5 (as substituted by section 182 of the Broadcasting Act 2009 (No. 18 of 2009)) of the Wireless Telegraphy Act, 1926 (No. 45 of 1926), hereby grants to the Licensee specified **Telefonica Ireland Limited of 28-29 Sir John Rogersons Quay, Dublin 2.** :

Authorisation to keep and have possession of apparatus for wireless telegraphy for terrestrial systems capable of providing Electronic Communications Services as specified in Part 2 to this Licence, subject to such apparatus being installed, maintained, worked and used in accordance with the terms and conditions and restrictions set out in the Wireless Telegraphy (Liberalised Use Licence and Preparatory Licences in the 800 MHz, 900 MHz and 1800 MHz band) Regulations, 2012 (S.I. No. 251 of 2012) ("the Regulations"), including, but not limited to, the following:

- (1) The Licensee shall ensure that it complies with all of the conditions contained within Parts 1 to 4 of this Licence; and
- (2) The Licensee shall ensure that it makes payment of all fees as detailed in the Regulations.

This Licence amends the licence which came into effect 01/02/2013 (the "Licence Commencement Date")

and all amendments thereafter and, subject to revocation, suspension or withdrawal, expires on 12/07/2030 (the "Licence Expiry Date")

Signed:

  
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For and on behalf of the Commission for Communications Regulation

Date of Issue: 17/05/2013

**Part 1**  
Commencement and Expiry dates per Spectrum Block

<b>Authorised</b>	<b>Name of Spectrum Block</b>	<b>Uplink / Downlink Frequency Assigned to Spectrum Block</b>	<b>Commencement Date per Spectrum Block</b>	<b>Expiry Date per Spectrum Block</b>
800 MHz	800/C	842.0 - 847.0 MHz 801.0 - 806.0 MHz	1st February 2013	12th July 2030
800 MHz	800/D	847.0 - 852.0 MHz 806.0 - 811.0 MHz	1st February 2013	12th July 2030
1800 MHz	1800/A	1710.0 - 1715.0 MHz 1805.0 - 1810.0 MHz	13th July 2015	12th July 2030
1800 MHz	1800/B	1715.0 - 1720.0 MHz 1810.0 - 1815.0 MHz	13th July 2015	12th July 2030
1800 MHz	1800/C	1720.0 - 1725.0 MHz 1815.0 - 1820.0 MHz	13th July 2015	12th July 2030
900 MHz	900/C	890.0 - 895.0 MHz 935.0 - 940.0 MHz	4th April 2013	12th July 2030
900 MHz	900/D	895.0 - 900.0 MHz 940.0 - 945.0 MHz	4th April 2013	12th July 2030

**Part 2**

The Apparatus to which this Licence applies

<b>Equipment Index Reference</b>	<b>Terrestrial System</b>	<b>Equipment Description</b>	<b>Manufacturer</b>	<b>Model</b>
91	GSM	Base Station	Redacted	Redacted
92	GSM	Base Station	Redacted	Redacted
93	GSM	Base Station	Redacted	Redacted
99	GSM	GSM 900 MHz Repeater	Redacted	Redacted
101	GSM	GSM 900 MHz Repeater	Redacted	Redacted
103	GSM	GSM 900 MHz Repeater	Redacted	Redacted
105	GSM	GSM 900 MHz Repeater	Redacted	Redacted
107	GSM	GSM 900 MHz Repeater	Redacted	Redacted
108	GSM	GSM 900 MHz Repeater	Redacted	Redacted
109	GSM	GSM 900 MHz Repeater	Redacted	Redacted
110	GSM	GSM 900 MHz Repeater	Redacted	Redacted
121	GSM	Base Station	Redacted	Redacted
122	GSM	Base Station	Redacted	Redacted
123	GSM	Base Station	Redacted	Redacted
124	LTE	Antennae	Redacted	Redacted
125	LTE	Antennae	Redacted	Redacted
126	LTE	e-Node	Redacted	Redacted
127	LTE	e-Node	Redacted	Redacted

**Part 3**  
Apparatus Location and Details

## (1) 800 MHz band

No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1	12096	328456	192202	125 / 127	59
2	7973	317121	234268	124 / 126	59

## (2) 900 MHz band

No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1	10029	270742	131650	103	29
2	10035	172900	179700	103	29
3	10039	260721	111774	91	64
4	10044	316576	236180	91	64
5	1005	325355	254881	92	64
6	10080	317502	241082	103	29
7	10088	219300	124500	103	29
8	1010	320644	242372	91	64
9	10131	271500	149950	103	29
10	10159	319000	230200	103	29
11	1016	322797	255503	92	64
12	10170	239450	306025	103	29
13	10179	303676	241182	91	64
14	1018	321284	238048	92	64
15	1019	319782	264223	91	64
16	10194	175048	71396	103	29
17	10196	122924	53255	91	64
18	10200	315250	233800	103	29
19	10201	319763	234652	103	29
20	10206	285844	189616	91	64
21	10207	309550	230150	109	29
22	10208	225900	166900	103	29
23	10214	317297	234497	103	29
24	1022	318539	236269	92	64
25	10225	204332	241506	91	64
26	10229	316605	234513	108	29
27	10230	302440	255859	103	29
28	10238	134800	255728	109	29
29	10248	318298	245993	103	29
30	1025	298364	237157	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
31	10264	313924	234595	92	64
32	10269	213810	157040	103	29
33	10270	248694	198875	91	64
34	10272	316395	231923	91	64
35	10281	317336	240907	103	29
36	10283	219124	124154	103	29
37	10302	315207	234298	108	29
38	10306	270716	125316	103	29
39	1033	316799	243271	91	64
40	10336	312212	231792	91	64
41	10344	309372	239648	103	29
42	10357	172953	155628	91	64
43	10369	291854	221117	103	29
44	10370	243210	305709	103	29
45	10372	281901	256080	103	29
46	1038	315301	226811	91	64
47	10381	249786	157634	92	64
48	10387	121447	232649	91	64
49	10391	80991	69315	91	64
50	10395	134259	289090	91	64
51	10397	185005	205149	91	64
52	1042	303660	227333	91	64
53	10433	270158	126723	103	29
54	10434	185779	178890	103	29
55	10455	325023	175408	91	64
56	10456	271440	177624	108	29
57	10457	314247	235510	109	29
58	10469	143415	252047	91	64
59	10470	316739	240759	103	29
60	10471	319927	250793	107	29
61	10472	322950	240815	91	64
62	1048	304125	227817	91	64
63	10534	167500	69900	103	29
64	10552	318050	234500	91	64
65	1057	305210	227689	91	64
66	10571	314998	251946	108	29
67	1058	316711	233249	91	64
68	10583	285691	171847	108	29
69	10584	125826	318688	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
70	10603	241331	305799	103	29
71	10607	135100	180600	109	29
72	10608	324470	165234	103	29
73	10609	310106	230436	108	29
74	1061	315862	234088	91	64
75	10616	215026	255936	103	29
76	10620	305271	253032	92	64
77	10630	318924	166439	103	29
78	10631	243654	255178	103	29
79	10632	221527	122702	103	29
80	10642	312070	242335	103	29
81	10643	315762	240591	108	29
82	10653	181818	112987	103	29
83	10660	195941	381962	103	29
84	10662	225589	159783	103	29
85	10666	164657	72742	103	29
86	10667	300957	310392	103	29
87	10668	311704	240035	103	29
88	10670	246886	196155	103	29
89	10682	267657	334338	108	29
90	10685	279818	196056	103	29
91	1069	319275	228831	92	64
92	10699	307144	239576	92	64
93	1070	319253	237205	91	64
94	10705	213144	310723	91	64
95	10708	314409	245885	108	29
96	10711	149731	56456	103	29
97	10713	221105	139663	103	29
98	10715	305630	226811	103	29
99	1072	319452	226146	92	64
100	10725	315719	234867	91	64
101	10728	277545	213641	91	64
102	10731	305185	253240	103	29
103	10735	317525	234798	91	64
104	10738	315349	235386	92	64
105	10765	311039	237164	91	64
106	10767	204625	124269	103	29
107	10804	244963	208485	91	64
108	10831	158683	161524	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
109	10837	129120	225651	91	64
110	1084	325185	239590	92	64
111	10851	307497	229351	99	29
112	10855	220899	133448	91	64
113	10860	293499	294482	103	29
114	10864	318217	230984	103	29
115	10865	243735	172128	108	29
116	10868	107638	149457	103	29
117	10869	268838	114855	103	29
118	10872	298632	281622	103	29
119	10880	179246	66641	91	64
120	10882	302791	232638	92	64
121	10885	150489	221203	91	64
122	10886	306796	228442	103 / 108	29
123	109	147916	160356	91	64
124	1090	309422	233966	91	64
125	10902	167971	331259	103	29
126	10906	157743	157199	91	64
127	10914	307196	228753	108	29
128	10917	315521	240345	91	64
129	10920	133939	150282	103	29
130	10931	134265	72940	91	64
131	10935	155027	96822	108	29
132	10949	315585	234061	91	64
133	1095	316615	233775	91	64
134	10962	319546	226648	110	29
135	10966	156671	156359	91	64
136	10967	203814	180023	91	64
137	10987	321034	254770	92	64
138	11026	306684	238038	92	64
139	11108	278712	292192	103	29
140	11156	318051	245401	92	64
141	11170	251347	153949	92	64
142	11171	304153	241348	103	29
143	11173	186443	424474	91	64
144	1118	311122	230980	91	64
145	11182	319404	230953	92	64
146	112	133840	177474	91	64
147	1120	313966	231273	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
148	11201	277862	184190	92	64
149	11214	255460	115368	108	29
150	11219	99898	108966	103	29
151	11223	289503	297839	91	64
152	11258	276756	129561	91	64
153	11266	327517	217879	91	64
154	11267	251626	244021	91	64
155	1127	321790	248690	91	64
156	11277	105893	179173	91	64
157	11278	284400	217047	91	64
158	11279	293687	235988	103	29
159	11280	305447	279391	91	64
160	11283	311513	273797	103	29
161	11288	260835	112248	108	29
162	11290	320429	147649	91	64
163	11293	112982	222491	91	64
164	11294	216378	189816	108	29
165	1130	319064	230145	91	64
166	11301	235150	185790	93	64
167	11305	234897	431784	103	29
168	11309	251342	138766	99	29
169	1132	313379	235075	91	64
170	1134	317526	236224	92	64
171	11382	241479	314908	108	29
172	11385	177459	214066	108	29
173	11399	177149	71778	108	29
174	114	109793	187598	91	64
175	11404	280968	209049	103	29
176	11411	170704	332178	108	29
177	1142	324274	226899	91	64
178	11456	309028	235805	108	29
179	1146	307236	234866	91	64
180	11472	254460	149555	91	64
181	11476	129052	226472	91	64
182	11493	182588	257828	103	29
183	11494	164472	147229	103	29
184	11515	245488	207041	108	29
185	11545	301825	256025	103	29
186	11558	187064	178538	105	29



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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
187	11560	302410	228785	110	29
188	11567	115897	290015	103	29
189	11569	308715	238784	103	29
190	11571	167413	71859	92	64
191	11572	167875	278854	91	64
192	11575	86703	323513	91	64
193	11585	323050	227900	92	64
194	11586	306501	232864	92	64
195	11590	320064	227912	92	64
196	11591	316522	231785	93	64
197	11601	313513	228016	92	64
198	11603	311955	228930	92	64
199	11604	314742	231137	92	64
200	11605	318131	233893	93	64
201	1161	320752	222295	91	64
202	11612	312289	273737	93	64
203	11614	321409	182652	108	29
204	11621	288920	239450	93	64
205	11629	321582	227919	93	64
206	1163	322980	242361	91	64
207	11630	317071	233213	93	64
208	11632	176293	64104	91	64
209	11634	155405	69463	93	64
210	11640	168755	76361	93	64
211	11645	254394	212435	93	64
212	11648	288671	266837	92	64
213	11654	309429	228590	93	64
214	11657	318767	226570	93 / 92	64
215	11658	316526	226367	93	64
216	11663	309791	234597	108	29
217	11665	320410	246770	92	64
218	11669	169286	70180	91	64
219	11683	128240	223866	108	29
220	11693	167760	71640	92	64
221	11698	315350	232700	93	64
222	11699	298480	224980	91	64
223	11700	306140	231360	92	64
224	11702	308132	274158	92	64
225	11703	286390	267353	92	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
226	11707	317110	228838	92	64
227	11710	136612	208881	91	64
228	11717	126550	223675	93	64
229	11719	273869	177005	92	64
230	11723	220356	122599	92	64
231	11725	207745	140835	93	64
232	11730	302353	235011	91	64
233	11738	208996	248148	91	64
234	11740	318570	227966	91	64
235	11743	312168	230811	93	64
236	11752	301899	251834	93	64
237	11754	332620	193370	123	64
238	11773	317255	240764	92	64
239	11774	168489	73861	92	64
240	11792	167428	74400	92	64
241	11795	167297	72367	92	64
242	11800	317154	245500	92	64
243	11802	304628	235227	93	64
244	11829	329675	210250	92	64
245	1186	315643	234579	91	64
246	11862	313852	232811	93	64
247	11863	315600	232000	93	64
248	11865	315229	233895	93	64
249	11867	317929	232399	93	64
250	11869	316083	235283	93	64
251	11870	315360	234274	92	64
252	11874	158518	159108	93	64
253	11875	296999	233705	92	64
254	11876	317074	236135	92	64
255	11879	319414	236442	93	64
256	11880	317027	234514	93	64
257	11882	314750	234150	92	64
258	11887	315275	234637	92	64
259	11888	315234	234757	93	64
260	11891	315882	234198	93	64
261	11892	315960	234316	92	64
262	11893	315853	233745	92	64
263	11898	316153	236638	91	64
264	119	138964	170633	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
265	11903	131930	226010	93 / 92	64
266	11905	320160	235142	91	64
267	11918	318977	232795	93	64
268	11924	318290	232155	92	64
269	11930	314091	235069	93	64
270	11938	172554	162257	91	64
271	11948	167350	71400	92	64
272	11949	174396	167856	93	64
273	11951	123122	222919	93	64
274	11953	317259	236539	91	64
275	11967	320331	226952	91	64
276	11969	314730	238239	91	64
277	11974	287590	271195	93	64
278	11976	283705	213253	92	64
279	11981	279762	215646	92	64
280	11985	166283	73405	92	64
281	11999	168478	72590	92	64
282	120	127900	171200	91	64
283	12002	331363	185514	93	64
284	12004	301907	149862	93	64
285	12005	305978	309041	91	64
286	12010	325955	226002	93	64
287	12015	267051	348342	91	64
288	12016	259240	103807	91	64
289	12017	176860	376095	93	64
290	12020	187656	361526	93	64
291	12025	252473	204909	91	64
292	12027	316769	234556	91	64
293	12029	324029	225928	92	64
294	1203	310746	228992	92	64
295	12031	139517	37848	91	64
296	12032	178816	227177	91	64
297	12033	133817	149720	91	64
298	12034	127435	134266	93	64
299	12035	167194	71763	93	64
300	12039	251010	250440	91	64
301	12052	130014	225599	92	64
302	12054	129666	224936	93	64
303	12060	210399	143885	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
304	12061	205421	130608	91	64
305	12065	313199	239593	92	64
306	12067	152987	149000	92	64
307	12072	208429	76938	91	64
308	12073	141177	219998	92	64
309	12074	311250	243006	93	64
310	12076	299624	267423	91	64
311	12079	266703	115891	91	64
312	1208	318586	231754	91	64
313	12080	312086	133708	91	64
314	12081	70743	332040	92	64
315	12082	88345	209200	91	64
316	12083	171099	110530	92	64
317	12084	112700	105200	91	64
318	12085	164480	81499	93	64
319	12086	77534	96530	91	64
320	12090	126175	211684	93	64
321	12092	318780	200392	123	64
322	12093	331177	192534	123	64
323	12095	331668	193871	123	64
324	12096	328456	192202	123	64
325	12097	327510	197690	123	64
326	12099	142033	216936	92	64
327	12102	248041	214094	92	64
328	12106	136912	268446	91	64
329	12107	252860	233801	91	64
330	12109	307268	316744	92	64
331	12110	124700	150700	91	64
332	12120	154662	224686	92	64
333	12125	290350	252630	91	64
334	12129	128465	224280	93	64
335	12132	172582	68690	93	64
336	12134	305055	238056	92	64
337	12137	158185	156361	91	64
338	12140	317656	230727	91	64
339	12141	323618	228962	93	64
340	12147	261932	110972	91	64
341	12166	175981	71753	91	64
342	12178	316763	240750	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
343	12182	249558	111094	91	64
344	12189	168077	75076	93	64
345	12193	318475	241607	92	64
346	12199	303000	223658	91	64
347	122	139800	180550	91	64
348	12209	166400	71050	92	64
349	12222	321395	228710	92	64
350	12224	323704	227788	91	64
351	12234	311530	182640	91	64
352	12241	315503	199282	123	64
353	12277	303200	257220	107	29
354	12278	310164	276306	107	29
355	12279	200385	129353	107	29
356	12280	321354	236759	107	29
357	12281	303996	306239	108	29
358	12282	103561	93008	107	29
359	12284	307508	229402	108	29
360	12285	163818	104872	108	29
361	12286	139394	161731	108	29
362	12288	220000	393500	108	29
363	12289	324319	218242	103	29
364	12290	172144	79075	103	29
365	12292	245645	231214	103	29
366	12293	302130	228015	108	29
367	12294	165207	70944	108	29
368	12296	206383	240677	107	29
369	12297	254400	155539	107	29
370	12298	148446	145764	107	29
371	12299	190757	370849	107	29
372	123	105898	156882	91	64
373	12300	190757	370849	107	29
374	12301	284882	215081	107	29
375	12302	306592	271600	103	29
376	12303	272056	236543	108	29
377	12304	301825	256025	107	29
378	12305	324477	228785	108	29
379	12307	315723	240420	107	29
380	12308	269049	276049	107	29
381	12309	283813	240668	108	29

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
382	12311	266759	338283	107	29
383	12312	319897	156517	107	29
384	12313	319897	156517	107	29
385	12314	321920	225768	107	29
386	12315	300821	245970	103	29
387	12316	280889	269877	108	29
388	12317	295038	278811	107	29
389	12318	215028	83455	107	29
390	12319	323211	307879	107	29
391	12320	309097	236790	107	29
392	12321	283813	240668	107	29
393	12322	271239	245125	107	29
394	12323	271235	245130	107	29
395	12324	271225	245133	107	29
396	12325	256859	251865	107	29
397	12327	384882	115081	107	29
398	12328	384882	115081	107	29
399	12329	145051	163836	107	29
400	12330	268757	171914	108	29
401	12331	267921	295117	107	29
402	12332	180966	72364	108	29
403	12333	316641	233865	107	29
404	12334	322237	229183	107	29
405	12335	317336	240907	108	29
406	12337	192408	215077	107	29
407	12338	45969	78213	109	29
408	12339	243735	172128	108	29
409	1234	328520	237366	91	64
410	12340	296049	276049	107	29
411	12341	247520	115884	107	29
412	12342	233326	235314	107	29
413	12343	322799	166290	108	29
414	12344	252738	155536	108	29
415	12345	303996	306239	107	29
416	1235	315638	234132	91	64
417	12356	227920	319762	108	29
418	12375	149304	73214	108	29
419	12383	300391	265393	108	29
420	12384	185241	179209	108	29

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
421	12387	319953	250816	108	29
422	1239	321995	223556	92	64
423	12390	161748	376134	108	29
424	12391	166210	73487	108	29
425	12393	151160	73519	108	29
426	12394	151160	73519	108	29
427	124	152369	164253	91	64
428	12404	258658	177555	108	29
429	12409	171647	70500	92	64
430	1241	314020	245160	92	64
431	12410	272822	175906	92	64
432	12411	213334	412940	92	64
433	12413	319293	238375	92	64
434	12415	320230	240079	92	64
435	12419	316767	243458	92	64
436	12420	318900	248870	92	64
437	12421	328523	237366	92	64
438	12422	324631	240260	92	64
439	12423	325045	255433	92	64
440	12424	303645	235632	92	64
441	12425	325240	224140	92	64
442	12427	272119	161324	92	64
443	12429	295580	228350	92	64
444	12431	268592	234418	92	64
445	12432	293104	234067	92	64
446	12433	276241	168749	92	64
447	12435	322360	225871	92	64
448	12436	311336	227911	92	64
449	12437	309924	226277	92	64
450	1244	303476	230871	92	64
451	12440	301989	231086	92	64
452	12441	306384	238368	92	64
453	12442	303108	237943	92	64
454	12443	299338	227305	92	64
455	12444	324493	246426	92	64
456	12445	326646	254156	92	64
457	12446	319206	244781	92	64
458	12447	272547	240953	92	64
459	12448	305255	254061	92	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
460	12450	263870	115715	92	64
461	12451	326073	209996	92	64
462	12452	327058	212604	92	64
463	12453	329846	212127	92	64
464	12463	310347	230625	92	64
465	12465	315964	238799	92	64
466	12466	287608	225601	92	64
467	12467	299281	233237	92	64
468	12468	309893	274815	92	64
469	12470	163538	69586	92	64
470	12472	319417	237071	92	64
471	12483	145679	73328	103	29
472	1250	320732	240179	92	64
473	1257	313702	225663	91	64
474	127	151785	191046	91	64
475	1270	319890	228680	91	64
476	1277	325516	221911	92	64
477	1282	315546	234479	91	64
478	1287	317908	233563	91	64
479	1289	309784	237612	91	64
480	1297	317335	233691	91	64
481	1299	314232	226834	91	64
482	1306	323443	228691	92	64
483	1310	309064	231044	92	64
484	1331	309045	236027	91	64
485	1332	307685	232512	91	64
486	1335	307991	234801	91	64
487	136	133694	177100	91	64
488	1367	316850	226520	92	64
489	137	133946	177746	91	64
490	138	122793	165049	91	64
491	1384	317799	243386	92	64
492	139	119321	202055	91	64
493	1390	310656	232814	92	64
494	1396	307807	227022	92	64
495	1397	316919	230659	91	64
496	1398	308988	237987	92	64
497	1405	315426	234083	122	64
498	1407	315830	233500	122	64



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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
499	142	139052	161046	91	64
500	1420	308967	237115	92	64
501	1428	326647	226759	91	64
502	143	139613	168020	91	64
503	1434	314900	233700	91	64
504	146	153294	163369	91	64
505	1461	317202	235799	92	64
506	147	87415	158100	91	64
507	1474	305569	228881	91	64
508	1482	312131	229860	91	64
509	1489	318498	240959	91	64
510	149	107888	194499	91	64
511	1490	308875	232660	91	64
512	1496	306480	229946	91	64
513	150	123172	207869	91	64
514	1513	315638	227935	92	64
515	152	114550	188905	91	64
516	1522	315563	239085	92	64
517	1528	319371	233371	91	64
518	154	119500	179000	91	64
519	1548	303225	235075	92	64
520	157	99336	155397	91	64
521	1575	315625	232951	91	64
522	158	170129	172879	91	64
523	160	139100	187200	91	64
524	161	140756	162169	91	64
525	1616	312441	229972	91	64
526	162	147555	165708	91	64
527	1628	314152	230179	91	64
528	1637	315540	231467	92	64
529	1638	322970	227060	91	64
530	1639	319210	224030	92	64
531	1640	317605	231577	91	64
532	1641	306211	233114	92	64
533	1642	312987	233730	91	64
534	1652	315630	233780	92	64
535	1654	314259	232680	91	64
536	1655	323463	224925	92	64
537	1656	315731	233589	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
538	1659	316032	233901	91	64
539	166	125300	158600	91	64
540	1661	315905	233600	91	64
541	1662	320531	225400	92	64
542	1664	318310	231741	91	64
543	1665	314435	233386	91	64
544	1666	301000	236300	91	64
545	1668	315614	234297	91	64
546	1669	316227	235544	91	64
547	1673	312351	231207	91	64
548	1682	318055	232249	91	64
549	1684	300600	227500	92	64
550	169	125800	185900	91	64
551	1693	316452	234754	91	64
552	170	164000	182157	91	64
553	1712	309163	227652	91	64
554	1718	311420	231675	91	64
555	1722	315975	236142	91	64
556	174	114500	197400	91	64
557	1747	317550	225275	91	64
558	175	144967	160800	91	64
559	1764	317020	247810	92	64
560	1773	324571	228211	92	64
561	1783	318085	236733	91	64
562	1786	308892	227502	92	64
563	1787	317247	232748	91	64
564	1792	322599	243685	92	64
565	181	133800	31300	91	64
566	1814	315955	232571	91	64
567	182	124000	34800	99	29
568	1821	315958	233883	91	64
569	185	139800	43900	91	64
570	1854	320796	240921	92	64
571	188	166627	66420	91	64
572	189	167478	72058	91	64
573	1904	315700	232490	91	64
574	1906	315301	236675	91	64
575	1907	312558	235353	91	64
576	1911	315720	234600	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
577	1913	315832	234509	91	64
578	192	168696	72999	91	64
579	1928	317101	232855	91	64
580	193	166398	70219	91	64
581	1947	316065	234475	91	64
582	195	177889	61919	91	64
583	196	99600	48500	91	64
584	1960	318737	247942	91	64
585	1974	320326	230066	91	64
586	1986	316845	233005	91	64
587	199	167701	72139	91	64
588	1992	314539	234622	91	64
589	1997	313640	234240	91	64
590	1998	317095	238245	91	64
591	200	141700	45350	91	64
592	2003	315570	235370	91	64
593	2008	313955	255295	92	64
594	2010	317026	234683	91	64
595	2024	317401	233490	91	64
596	204	168500	71809	91	64
597	2043	316305	237235	91	64
598	2045	315740	233290	91	64
599	205	160538	78974	91	64
600	2053	310252	237647	91	64
601	2065	321520	229483	91	64
602	207	164900	70200	92	64
603	2072	315523	229086	93	64
604	2079	305065	233430	91	64
605	208	100206	46851	91	64
606	209	107700	35000	91	64
607	2119	308854	229819	91	64
608	212	93169	34969	91	64
609	2131	315021	230447	92	64
610	214	165050	69530	92	64
611	2140	314428	230521	92	64
612	2148	316447	232672	91	64
613	2153	316265	232948	91	64
614	216	93012	34817	91	64
615	2161	311918	233391	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
616	218	156022	116076	91	64
617	2186	314409	230075	91	64
618	219	182774	96793	91	64
619	2194	316283	228547	91	64
620	2196	318861	253853	91	64
621	2198	314711	233705	91	64
622	2199	316130	234720	91	64
623	220	165737	95825	91	64
624	2205	313315	234272	91	64
625	221	121439	81811	91	64
626	2222	191200	216450	91	64
627	2228	145208	202165	91	64
628	2229	127986	223676	91	64
629	223	155659	66337	91	64
630	2232	107600	240200	91	64
631	2233	76731	246621	91	64
632	2236	101554	228584	91	64
633	2237	129865	225240	91	64
634	2241	68572	262817	91	64
635	2244	138240	226010	91	64
636	2245	112100	242675	91	64
637	2247	129492	225051	91	64
638	225	179911	69451	91	64
639	2265	173204	199709	91	64
640	227	177733	68141	91	64
641	2272	180800	239000	91	64
642	2276	130075	226112	92	64
643	2277	162800	261900	91	64
644	228	61559	44949	91	64
645	2283	132430	227155	92	64
646	2291	137217	231214	91	64
647	2293	146800	223300	91	64
648	2295	144800	233000	91	64
649	2296	129945	225415	91	64
650	230	143808	50846	91	64
651	2303	119915	222715	91	64
652	2306	122175	223713	91	64
653	2313	131093	226154	91	64
654	2318	145700	196700	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
655	2320	129775	225155	122	64
656	2321	130015	225312	91	64
657	2324	168200	204800	91	64
658	2327	132080	231710	91	64
659	2329	144100	247100	91	64
660	233	154300	100800	91	64
661	2342	171921	271900	91	64
662	2343	149442	266758	91	64
663	2344	140560	264685	91	64
664	2346	185295	231040	91	64
665	2349	155148	211263	91	64
666	2354	150665	241329	91	64
667	2357	171812	223965	91	64
668	2358	133402	228250	91	64
669	2359	185020	220730	91	64
670	236	190387	68965	91	64
671	2361	71508	252426	91	64
672	2363	93463	247159	91	64
673	237	175883	84056	91	64
674	2370	101100	221600	91	64
675	2376	174635	258021	91	64
676	238	133909	72109	91	64
677	2381	114000	255700	91	64
678	2382	180364	212815	91	64
679	2385	187550	204000	91	64
680	2388	66469	250540	91	64
681	2393	161948	216428	91	64
682	2395	267072	219589	91	64
683	2396	278216	196563	91	64
684	240	211964	77850	91	64
685	2401	273178	212286	91	64
686	2403	295261	235651	91	64
687	2407	263317	210141	92	64
688	241	156027	92485	91	64
689	2410	289200	218600	92	64
690	2422	285749	211532	91	64
691	2425	282739	229478	91	64
692	2428	274636	227030	92	64
693	243	156077	98542	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
694	2436	267788	193664	91	64
695	2453	293092	222906	92	64
696	2454	291263	220590	91	64
697	2457	271333	216970	92	64
698	2461	291785	229506	92	64
699	2473	294001	237531	92	64
700	2477	291400	236627	92	64
701	248	144500	53600	91	64
702	2482	288954	224078	92	64
703	2489	279447	214716	91	64
704	2494	297560	222727	91	64
705	250	144000	61900	91	64
706	2508	250526	156262	91	64
707	251	164834	66978	91	64
708	2510	233191	167793	92	64
709	2513	250048	124891	91	64
710	2514	266313	145544	91	64
711	2517	257662	163713	91	64
712	2519	251905	139711	91	64
713	252	146859	90379	91	64
714	2520	263100	136948	91	64
715	2522	241187	143428	91	64
716	2526	254556	170800	92	64
717	253	166035	71247	92	64
718	2532	254300	135450	91	64
719	2535	268115	153612	91	64
720	2541	251385	156217	92	64
721	2546	240762	165264	121	64
722	2549	250640	155707	92	64
723	2551	248010	160393	91	64
724	2552	258777	139474	91	64
725	2557	115800	103700	91	64
726	2558	75600	127900	91	64
727	2559	99933	109653	91	64
728	2560	67200	91400	91	64
729	2561	86700	141400	91	64
730	2562	116800	93140	91	64
731	2565	64345	64789	91	64
732	2567	75333	61099	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
733	257	166822	68906	91	64
734	2571	105626	113498	91	64
735	2573	94600	126300	91	64
736	2574	99547	92469	91	64
737	2576	41896	99132	91	64
738	2579	83392	114406	91	64
739	2581	83052	108043	91	64
740	2583	94264	70791	91	64
741	2586	91017	142526	91	64
742	2588	103500	129700	91	64
743	2590	105923	148099	91	64
744	2592	68800	66900	91	64
745	2593	78800	120200	91	64
746	2594	83563	114432	91	64
747	2595	39315	70941	91	64
748	2596	33900	101700	91	64
749	2597	37900	107500	91	64
750	2598	99100	134000	91	64
751	2601	68800	110300	91	64
752	2603	44600	101000	91	64
753	2605	93025	102709	91	64
754	2606	91100	70700	91	64
755	2607	50800	63900	91	64
756	2608	52752	99881	91	64
757	2609	96299	91082	91	64
758	261	170071	70872	92	64
759	2610	110306	77330	91	64
760	2611	100900	73600	91	64
761	2613	46539	80931	91	64
762	262	167628	71792	91	64
763	2623	213085	275470	92	64
764	263	173387	73603	91	64
765	2634	224587	272628	91	64
766	2635	218806	284208	92	64
767	2636	233355	281105	91	64
768	2641	214350	274800	91	64
769	265	167783	72517	91	64
770	2651	211382	280515	91	64
771	2655	229744	276038	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
772	2656	219500	260800	91	64
773	2658	297800	297350	91	64
774	2660	311940	318758	91	64
775	2662	315996	308021	103	29
776	2663	305503	284208	91	64
777	2679	304818	306536	91	64
778	2683	305710	293300	91	64
779	2688	308805	275529	91	64
780	269	139002	103700	91	64
781	2690	295165	292967	91	64
782	2692	304850	307158	91	64
783	2694	318854	311756	91	64
784	2696	309947	315837	91	64
785	2697	304304	306732	91	64
786	2699	315885	283749	91	64
787	2700	322500	310231	91	64
788	2703	305870	303323	91	64
789	2706	293984	301348	91	64
790	2709	298227	283227	91	64
791	271	179648	59959	91	64
792	2711	303040	308228	91	64
793	2722	314180	316652	91	64
794	273	183800	64700	91	64
795	2733	309901	274841	91	64
796	2737	153885	158379	91	64
797	2739	155974	156136	91	64
798	274	180855	99209	91	64
799	2743	151757	149564	91	64
800	2746	153123	139127	91	64
801	2747	162900	136324	91	64
802	2748	161414	158158	91	64
803	276	163700	50540	91	64
804	2764	157820	157698	92	64
805	2781	146700	146300	91	64
806	2784	179767	142468	91	64
807	279	148939	54902	91	64
808	2790	159679	157045	92	64
809	2794	116718	147610	91	64
810	2795	113548	141511	91	64



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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
811	2796	157507	156908	92	64
812	2799	106593	125477	91	64
813	280	125900	39000	91	64
814	2800	143912	135978	91	64
815	2802	185727	152222	91	64
816	2803	179134	117958	91	64
817	2804	123063	129551	91	64
818	2805	161827	157200	92	64
819	2807	157168	155676	92	64
820	2808	162869	158103	91	64
821	2813	151271	141371	121	64
822	2819	125307	151468	91	64
823	282	138492	41665	91	64
824	2820	136251	141764	91	64
825	2821	157361	156918	91	64
826	2826	160853	127540	91	64
827	2831	158445	155636	91	64
828	2832	137910	121119	91	64
829	2834	141413	154689	91	64
830	284	173107	67382	91	64
831	2849	196647	300936	91	64
832	285	126857	89100	91	64
833	2851	198263	338885	91	64
834	2852	194432	328220	91	64
835	2854	205823	319855	91	64
836	2857	188421	339531	91	64
837	286	118100	88900	91	64
838	2863	194139	299757	91	64
839	287	159705	85001	91	64
840	2874	209766	295669	91	64
841	2875	220650	299457	91	64
842	2879	201776	314032	91	64
843	288	164059	63271	91	64
844	2882	187900	334500	91	64
845	2886	246788	198049	91	64
846	289	159850	74150	91	64
847	2894	266995	173763	91	64
848	2896	227405	205028	91	64
849	2897	254428	200731	92	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
850	2898	258372	185206	91	64
851	290	153537	122896	91	64
852	2901	237917	208719	91	64
853	2909	258481	195855	91	64
854	291	197215	91398	92	64
855	2916	243890	184996	91	64
856	292	199376	84050	91	64
857	2934	247142	197071	91	64
858	2939	295962	274322	91	64
859	294	188110	73780	91	64
860	2940	314273	273383	91	64
861	2941	301746	249213	91	64
862	2949	287223	289873	91	64
863	2952	279611	278802	91	64
864	2953	265548	269431	91	64
865	2954	287106	267392	92	64
866	2956	280572	271769	91	64
867	2959	297926	239726	92	64
868	2970	277581	241160	91	64
869	2971	284131	244601	91	64
870	2974	296309	251712	92	64
871	2978	287500	267150	91	64
872	298	170875	74490	91	64
873	2991	272274	276469	121	64
874	2993	296035	270008	91	64
875	2996	304083	271923	91	64
876	2998	291104	248791	91	64
877	300	168100	71960	91	64
878	3003	281177	285648	93	64
879	3008	266355	255115	92	64
880	3012	279779	256194	92	64
881	3014	301287	242285	91	64
882	3015	291671	263307	91	64
883	3019	278988	267416	91	64
884	302	93100	31600	91	64
885	3022	311442	262228	92	64
886	3026	304018	261108	91	64
887	3031	270249	265813	91	64
888	3038	255171	280346	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
889	3041	273884	276014	92	64
890	3044	296123	258343	91	64
891	3045	286265	268973	92	64
892	3046	309477	267450	91	64
893	305	155203	57067	91	64
894	3051	284124	248716	91	64
895	3063	262800	335600	108	29
896	3066	284127	303718	91	64
897	3069	287252	325024	91	64
898	307	159890	70720	91	64
899	3070	267518	333149	91	64
900	3071	263000	330100	99	29
901	3077	275711	329079	91	64
902	3080	257600	324500	99	29
903	3081	264200	319800	103	29
904	3083	250451	325666	91	64
905	3088	267932	343891	91	64
906	3090	282767	319512	91	64
907	3092	287011	302966	91	64
908	3093	285745	312848	91	64
909	3094	267347	334117	91	64
910	3095	273116	319337	92	64
911	3096	271841	336188	91	64
912	310	178386	66828	91	64
913	3104	270781	312105	91	64
914	3106	279303	312732	91	64
915	3108	98757	282184	91	64
916	311	112800	52200	91	64
917	3111	118935	264510	91	64
918	3113	152434	298946	91	64
919	3114	146710	296320	103	29
920	3117	96709	275500	92	64
921	3119	138900	282529	91	64
922	312	165805	72432	92	64
923	3126	147890	302000	91	64
924	313	171857	70540	91	64
925	3134	110500	337450	91	64
926	3136	144400	272100	91	64
927	3137	132639	272928	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
928	3139	119800	319600	91	64
929	314	120464	49085	91	64
930	3144	120296	327819	91	64
931	3146	124081	287849	92	64
932	3153	165500	245450	91	64
933	3154	124241	318895	91	64
934	3156	99940	283970	92	64
935	3159	137541	299441	91	64
936	3161	129385	288730	91	64
937	3162	66960	302708	91	64
938	3163	114294	289812	92	64
939	3165	114880	290690	92	64
940	3168	109831	298277	91	64
941	317	172677	59884	91	64
942	3172	106318	329368	91	64
943	3176	81015	337520	91	64
944	3177	81066	296679	91	64
945	3179	124550	307730	91	64
946	318	112400	33700	91	64
947	3181	78874	272957	91	64
948	3189	81750	281450	91	64
949	3190	80500	310000	91	64
950	3191	115300	338500	91	64
951	3196	210560	231871	91	64
952	3197	233502	224434	91	64
953	3204	263273	232556	91	64
954	3205	233905	225117	92	64
955	3207	205911	204689	91	64
956	3208	221500	205013	91	64
957	321	181564	112425	91	64
958	3210	258328	226898	91	64
959	3212	208888	223732	91	64
960	3214	212011	228783	91	64
961	322	164701	50996	91	64
962	3220	225819	233166	91	64
963	3231	261058	223567	91	64
964	3233	251958	227276	91	64
965	3236	249650	238065	91	64
966	3244	236657	219139	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
967	325	67400	45800	91	64
968	3250	161960	294781	91	64
969	3251	181178	282722	91	64
970	3252	176661	284886	91	64
971	3254	191708	229971	91	64
972	3255	195591	275423	91	64
973	3256	192400	285400	99	29
974	3258	180292	306008	91	64
975	326	125600	114800	91	64
976	3262	187223	264429	91	64
977	3263	197870	254200	91	64
978	3269	180363	302733	91	64
979	3274	189100	258243	91	64
980	3279	193203	281096	91	64
981	328	168049	71538	92	64
982	3284	190344	313529	91	64
983	329	154169	108788	91	64
984	3292	170371	333520	91	64
985	3293	175930	347248	91	64
986	3296	168231	326392	91	64
987	3297	182138	322192	91	64
988	3298	167656	336260	92	64
989	330	128500	36500	91	64
990	3301	157484	318377	91	64
991	3303	166058	346785	91	64
992	3306	169462	335691	92	64
993	332	147800	82300	91	64
994	3320	137273	337980	91	64
995	3325	129159	329975	91	64
996	333	149364	41569	91	64
997	3330	142145	322042	91	64
998	3343	158310	326661	91	64
999	3344	170847	336988	91	64
1000	3346	166987	315523	91	64
1001	3347	173935	320124	91	64
1002	3348	173741	316986	91	64
1003	335	115458	65524	91	64
1004	3356	169085	336034	91	64
1005	3359	166500	302600	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1006	3368	167975	335237	92	64
1007	3374	208620	154576	91	64
1008	3389	191185	132328	91	64
1009	3390	198000	144300	103	29
1010	3393	212798	158270	91	64
1011	3396	207500	176300	91	64
1012	3398	196608	111494	91	64
1013	340	107800	59200	91	64
1014	3402	211502	150392	92	64
1015	3404	186570	179250	91	64
1016	3406	213821	188776	91	64
1017	3407	205515	124963	91	64
1018	3410	221400	139500	99	29
1019	3411	231142	148354	91	64
1020	3412	176451	174155	91	64
1021	3419	210800	171000	91	64
1022	3425	219094	124150	91	64
1023	3428	191333	194718	91	64
1024	3432	201151	196508	92	64
1025	3433	223286	137098	91	64
1026	3434	197300	190000	92	64
1027	3435	179553	128740	91	64
1028	344	167582	69942	91	64
1029	3440	220260	122322	91	64
1030	3441	215717	133401	91	64
1031	3442	219175	122190	91	64
1032	3444	240268	120789	91	64
1033	3446	217300	87000	91	64
1034	3450	244969	105650	91	64
1035	3451	220960	120988	91	64
1036	3453	238652	120446	91	64
1037	3455	267703	104198	91	64
1038	3457	257822	112382	91	64
1039	3458	225780	87804	91	64
1040	3459	268006	113007	91	64
1041	346	167015	72080	91	64
1042	3461	259864	112696	91	64
1043	3462	257974	101377	91	64
1044	3464	226095	93010	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1045	3465	218242	90702	91	64
1046	3469	204470	98276	91	64
1047	347	210865	77285	91	64
1048	3470	245732	113175	91	64
1049	3474	239579	105292	91	64
1050	3482	265123	109765	91	64
1051	3485	260472	112399	91	64
1052	3501	260286	111046	91	64
1053	3503	260204	112777	91	64
1054	3506	262528	111026	91	64
1055	3511	237718	258508	91	64
1056	3513	243404	238037	91	64
1057	3517	259854	246920	91	64
1058	352	156815	71853	91	64
1059	3522	213223	249394	91	64
1060	3523	233978	231509	91	64
1061	3524	202931	241513	91	64
1062	3527	243426	253058	91	64
1063	3531	237432	242333	92	64
1064	3536	259616	264628	91	64
1065	3558	243869	253159	91	64
1066	3567	247581	252692	91	64
1067	3568	251846	258083	91	64
1068	3576	226970	239069	91	64
1069	358	170052	71919	91	64
1070	3585	230391	261909	91	64
1071	3587	234024	264261	92	64
1072	3589	322383	217181	91	64
1073	3595	327488	205665	91	64
1074	3596	328406	200095	91	64
1075	3609	326104	219487	91	64
1076	361	154036	104059	91	64
1077	3610	294396	208599	91	64
1078	3628	321191	214380	91	64
1079	3631	323344	217992	91	64
1080	3632	325711	210950	92	64
1081	3634	324993	179614	91	64
1082	3636	327687	215262	92	64
1083	3646	323477	204818	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1084	3647	314131	180546	91	64
1085	3648	320433	191817	92	64
1086	3650	319464	181695	91	64
1087	3651	324508	173238	91	64
1088	3652	307103	198570	91	64
1089	3653	311559	215438	91	64
1090	3654	298099	214291	91	64
1091	3658	329651	212539	91	64
1092	3662	316344	196168	91	64
1093	3664	303312	172816	91	64
1094	3666	296452	139833	91	64
1095	3670	298394	139914	91	64
1096	3675	315225	170757	91	64
1097	3681	291254	130235	91	64
1098	3684	305235	121550	93	64
1099	3685	304901	121465	91	64
1100	3686	303892	144784	91	64
1101	3687	314070	111632	91	64
1102	3689	272648	126778	91	64
1103	3691	315216	159540	91	64
1104	3693	303973	121514	91	64
1105	3698	297146	139691	91	64
1106	3700	308368	138259	91	64
1107	3701	319823	156216	91	64
1108	3704	271759	127498	91	64
1109	3710	290556	156966	91	64
1110	3711	272500	115560	91	64
1111	3712	273181	108230	91	64
1112	3713	296962	103871	91	64
1113	3718	273375	97341	91	64
1114	3719	287321	133946	91	64
1115	3722	310117	114870	91	64
1116	3726	316944	141805	91	64
1117	373	272256	296212	91	64
1118	3736	283132	124763	91	64
1119	3737	305102	118375	91	64
1120	374	241933	305106	91	64
1121	3740	304746	122070	91	64
1122	3746	165727	55038	91	64



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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1123	3750	319676	229750	92	64
1124	3766	308605	241420	91	64
1125	3789	218435	238480	91	64
1126	379	242213	304428	91	64
1127	3795	316337	233697	91	64
1128	3797	306164	311526	91	64
1129	380	225800	320680	91	64
1130	3801	308330	276157	91	64
1131	3815	166545	74658	91	64
1132	3818	269460	341603	92	64
1133	3837	198504	63385	91	64
1134	3844	123000	96640	91	64
1135	3847	92251	91655	91	64
1136	3855	96999	89007	91	64
1137	3856	96775	90145	91	64
1138	3867	111800	91000	91	64
1139	3868	283789	304219	91	64
1140	3888	256868	329581	91	64
1141	3892	200762	241258	91	64
1142	3899	261197	112375	91	64
1143	3916	308550	231950	91	64
1144	3917	308896	231917	91	64
1145	3919	323951	224305	91	64
1146	3921	318735	226968	91	64
1147	393	250013	292508	91	64
1148	3940	314758	231754	91	64
1149	3956	213911	394672	92	64
1150	3959	293297	238375	91	64
1151	396	219402	327435	91	64
1152	3960	285026	167232	91	64
1153	3970	235920	131486	91	64
1154	3999	305485	241595	91	64
1155	4005	278263	262678	91	64
1156	402	229611	309031	91	64
1157	4022	241043	153215	91	64
1158	4027	220863	123526	91	64
1159	4030	301779	123519	91	64
1160	4032	302889	116546	91	64
1161	4033	303375	123082	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1162	4035	325500	217300	92	64
1163	4037	123630	250960	91	64
1164	4047	95100	97600	91	64
1165	4054	129631	291968	91	64
1166	4056	297450	264603	92	64
1167	4058	286905	267871	91	64
1168	4060	138327	171312	91	64
1169	4062	116505	177855	91	64
1170	4063	155059	153040	91	64
1171	4081	83892	114446	91	64
1172	4090	221419	399902	92	64
1173	4097	266640	112219	121	64
1174	410	272416	304152	91	64
1175	4102	272736	176990	92	64
1176	411	246278	300633	91	64
1177	4110	314215	233898	91	64
1178	4111	287600	216050	91	64
1179	4114	59940	110882	91	64
1180	4116	163647	147597	91	64
1181	4117	128370	227055	91	64
1182	4125	134950	318700	91	64
1183	413	229915	296801	91	64
1184	4130	310872	230725	91	64
1185	4138	244212	221807	91	64
1186	4139	205694	199526	92	64
1187	414	212506	320494	91	64
1188	4140	233291	237496	91	64
1189	4143	216850	210350	91	64
1190	4145	232286	252130	91	64
1191	4146	242472	251955	91	64
1192	4189	316259	233614	91	64
1193	419	239150	300289	91	64
1194	4198	54600	60150	91	64
1195	420	208152	338101	91	64
1196	421	273203	300754	91	64
1197	4225	92773	224536	91	64
1198	423	245485	290266	91	64
1199	4230	125875	227395	91	64
1200	4231	316670	234063	121	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1201	4247	148312	287549	91	64
1202	425	238891	312507	91	64
1203	4266	198837	236167	91	64
1204	427	258005	307634	91	64
1205	4271	214726	275882	91	64
1206	4273	318166	225641	91	64
1207	428	241488	309488	91	64
1208	4287	288603	232187	91	64
1209	4289	277806	210370	91	64
1210	429	242271	318240	91	64
1211	4290	132885	248650	91	64
1212	4298	125500	142000	91	64
1213	430	235787	286845	91	64
1214	4311	244833	171229	92	64
1215	4323	293902	237723	91	64
1216	4336	316589	160053	91	64
1217	4347	322776	249956	92	64
1218	4412	165085	162868	91	64
1219	4416	255200	296000	103	29
1220	4417	279300	250500	103	29
1221	4422	250067	154875	92	64
1222	4426	220400	151300	91	64
1223	4446	216943	411484	92	64
1224	4464	307035	231493	92	64
1225	4480	165720	156828	91	64
1226	4482	133799	179512	91	64
1227	4483	153421	154099	91	64
1228	4489	172000	131678	91	64
1229	4492	167500	74800	103	29
1230	4500	313157	225858	91	64
1231	4505	135354	275001	91	64
1232	4509	155018	46466	91	64
1233	451	272214	177112	91	64
1234	4511	161150	75775	91	64
1235	4521	85400	114700	91	64
1236	453	282675	152511	91	64
1237	454	285455	173226	91	64
1238	4542	183725	90254	91	64
1239	4582	317486	239439	92	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1240	4605	167081	216035	91	64
1241	4611	164608	72420	91	64
1242	4616	283884	209635	92	64
1243	462	269482	165622	91	64
1244	4620	235100	164500	91	64
1245	4622	259750	108150	91	64
1246	4623	262901	103784	91	64
1247	4629	218000	219800	103	29
1248	4631	309766	233564	91	64
1249	4632	196486	145446	91	64
1250	4638	201898	149861	91	64
1251	4639	179900	159800	91	64
1252	4645	192654	157230	91	64
1253	465	270700	161700	121	64
1254	4654	305756	304516	91	64
1255	4655	288766	221552	91	64
1256	467	290284	182433	92	64
1257	4679	201660	269366	91	64
1258	4680	232549	226372	91	64
1259	4682	282489	115278	91	64
1260	4687	270200	300000	91	64
1261	4700	314934	234709	91	64
1262	4702	141488	67595	91	64
1263	4708	313990	282017	91	64
1264	4721	315240	235070	91	64
1265	4739	291105	216579	91	64
1266	476	272322	176475	91	64
1267	477	273001	151252	91	64
1268	478	274316	162076	91	64
1269	4797	311534	233763	91	64
1270	480	201675	437300	91	64
1271	4801	315379	242127	91	64
1272	4802	322000	239150	91	64
1273	4819	318079	235490	91	64
1274	4820	307100	112900	91	64
1275	4832	184900	79050	91	64
1276	4839	297297	232993	91	64
1277	484	219601	416763	92	64
1278	4840	264387	338160	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1279	4851	226835	178489	91	64
1280	4866	130300	179800	99	29
1281	487	216974	411958	92	64
1282	4879	62926	104384	91	64
1283	4892	195275	73550	91	64
1284	4902	87250	110750	91	64
1285	4907	163650	375400	91	64
1286	4909	187350	289051	91	64
1287	492	200533	408781	91	64
1288	4927	312651	286488	92	64
1289	4928	224200	303400	91	64
1290	4930	124779	228887	91	64
1291	4931	227507	222571	91	64
1292	4937	207800	302200	91	64
1293	494	167591	415218	91	64
1294	4949	109975	277700	91	64
1295	4956	166666	71351	91	64
1296	4957	185150	224300	103	29
1297	4964	132365	225810	92	64
1298	497	193500	432200	91	64
1299	4987	308759	234967	91	64
1300	4998	325805	239373	91	64
1301	501	181350	424600	91	64
1302	5016	130200	225385	91	64
1303	503	219297	426633	91	64
1304	5030	303098	234234	91	64
1305	5031	306673	240283	91	64
1306	5037	323375	222684	91	64
1307	5045	130149	225230	92	64
1308	5049	316947	233982	91	64
1309	5061	167654	71904	91	64
1310	5066	216313	239469	91	64
1311	5071	306920	238868	91	64
1312	5084	315775	235250	91	64
1313	5088	135334	175162	91	64
1314	5096	275800	119300	103	29
1315	510	223568	404837	91	64
1316	5101	163318	70808	92	64
1317	5114	280450	215120	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1318	5117	315586	233291	91	64
1319	512	240578	427131	91	64
1320	5148	180966	73264	91	64
1321	515	217186	414498	92	64
1322	5154	156645	153827	92	64
1323	5162	309173	225668	91	64
1324	5164	164200	75100	99	29
1325	5167	235850	317550	91	64
1326	5178	282667	259792	91	64
1327	5209	202407	216062	91	64
1328	521	210900	440150	91	64
1329	5212	269182	329078	92	64
1330	5215	160458	155256	91	64
1331	522	179588	396369	91	64
1332	5230	195617	172644	91	64
1333	5231	315056	225529	92	64
1334	5255	316251	234909	121	64
1335	5259	319098	226069	91	64
1336	5265	303650	239949	91	64
1337	5273	155299	329158	91	64
1338	5276	141811	163938	91	64
1339	5283	102632	164375	91	64
1340	5288	157986	157278	91	64
1341	5308	316227	235544	91	64
1342	5309	320531	225400	91	64
1343	5327	142612	95623	91	64
1344	5329	209935	75985	91	64
1345	5330	131770	224925	91	64
1346	5331	146277	112455	91	64
1347	5343	314489	234375	91	64
1348	5348	326850	218800	91	64
1349	5351	213305	158807	91	64
1350	5355	160100	154172	91	64
1351	5362	212263	407925	91	64
1352	5374	316993	237704	91	64
1353	5375	257981	110864	91	64
1354	538	232400	405750	91	64
1355	5381	264619	122864	91	64
1356	5385	141971	313976	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1357	5386	143591	330187	91	64
1358	5393	268334	193948	91	64
1359	5395	245558	260438	91	64
1360	5396	264783	244170	91	64
1361	5397	257429	253077	91	64
1362	5398	208054	275072	91	64
1363	5414	157136	156467	91	64
1364	5418	147363	152153	91	64
1365	5421	165176	148951	91	64
1366	543	194457	376688	91	64
1367	544	181316	399351	91	64
1368	5440	173084	76150	91	64
1369	5444	129900	89800	91	64
1370	5447	155887	158954	91	64
1371	5452	130866	108938	91	64
1372	5457	262068	113515	91	64
1373	5464	167720	163511	91	64
1374	5474	276204	244149	91	64
1375	5475	161145	336468	91	64
1376	5481	325867	256938	91	64
1377	5486	307935	238538	91	64
1378	5492	322798	239525	92	64
1379	5494	244500	304400	103	29
1380	5495	307397	273672	91	64
1381	5511	134745	225800	92	64
1382	552	248236	435968	91	64
1383	5534	231871	398551	92	64
1384	5535	257500	206453	91	64
1385	5537	315005	236020	91	64
1386	5539	218549	79440	92	64
1387	5548	264150	160581	91	64
1388	5550	309579	232639	91	64
1389	5553	144200	225500	109	29
1390	5559	244669	304500	103	29
1391	5562	213014	422089	92	64
1392	5563	302473	176507	91	64
1393	5573	167340	70875	91	64
1394	5587	316711	233249	91	64
1395	5588	282975	224398	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1396	559	176792	411825	91	64
1397	5594	235987	193442	91	64
1398	5595	167117	68157	91	64
1399	560	247000	445200	91	64
1400	5605	307423	303057	91	64
1401	5608	88628	160450	91	64
1402	5611	255565	121499	92	64
1403	5613	310600	250150	109	29
1404	5617	164350	156600	99	29
1405	5618	303608	236486	92	64
1406	5624	165757	143459	91	64
1407	563	187250	377600	91	64
1408	5649	206043	241060	91	64
1409	5657	188800	179850	99	29
1410	567	240000	443700	91	64
1411	5678	221494	442360	91	64
1412	568	217566	405212	91	64
1413	5692	295744	208100	91	64
1414	5697	312125	240578	91	64
1415	570	188751	432373	91	64
1416	5700	287870	265057	91	64
1417	5709	218157	267727	91	64
1418	5712	304324	232912	92	64
1419	572	213938	434685	91	64
1420	5734	193371	133637	91	64
1421	5743	86841	93422	91	64
1422	5746	301631	226700	92	64
1423	5761	315346	257985	91	64
1424	5777	152633	310071	91	64
1425	5778	157351	87091	91	64
1426	5792	151902	57953	91	64
1427	5794	91740	124606	91	64
1428	5797	312700	267700	91	64
1429	580	226415	388756	91	64
1430	5801	198679	77067	91	64
1431	5802	180500	106200	91	64
1432	5803	167742	73874	91	64
1433	5804	171050	69090	122	64
1434	5805	190815	299192	91	64



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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1435	581	200600	399300	91	64
1436	5810	138224	168260	91	64
1437	5811	188784	71620	92	64
1438	5822	155661	171934	91	64
1439	5830	278014	176355	92	64
1440	5831	253550	155030	91	64
1441	5840	170658	67232	91	64
1442	5859	162171	69402	91	64
1443	5865	174608	72053	91	64
1444	5874	286541	219131	91	64
1445	5879	227503	185806	91	64
1446	5885	113813	317571	91	64
1447	5892	208616	139839	91	64
1448	5895	188501	136280	91	64
1449	5896	213221	126025	91	64
1450	5905	154931	96185	91	64
1451	5914	169740	68561	91	64
1452	5915	311016	276472	91	64
1453	5934	223623	142911	103	29
1454	594	190726	362684	91	64
1455	5940	299186	131248	91	64
1456	5943	254289	174119	91	64
1457	5949	264827	152476	91	64
1458	5952	239500	194400	91	64
1459	5953	220533	192981	91	64
1460	5957	174007	177305	91	64
1461	5968	155872	157760	92	64
1462	5987	320000	263000	101	29
1463	5996	296852	234363	91	64
1464	6006	126084	224900	92	64
1465	6010	278300	158900	103	29
1466	6012	195100	300150	99	29
1467	603	261907	438731	91	64
1468	6039	186490	138904	91	64
1469	6041	155416	121812	91	64
1470	6042	221494	442360	92	64
1471	6043	316475	236653	91	64
1472	605	182227	359099	91	64
1473	6065	320250	236950	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1474	609	203710	385481	91	64
1475	6090	161612	276815	91	64
1476	6092	170024	69639	91	64
1477	6094	315410	233230	91	64
1478	6099	208109	242866	91	64
1479	6102	168988	62865	91	64
1480	6107	197449	225073	91	64
1481	611	216103	393721	92	64
1482	6114	182914	291490	91	64
1483	615	238443	417019	91	64
1484	6154	107767	286194	91	64
1485	6155	301505	228300	92	64
1486	616	262522	442007	92	64
1487	6163	264441	187765	91	64
1488	617	244900	453400	91	64
1489	6193	164722	72982	91	64
1490	6195	263333	326690	91	64
1491	6197	263333	326690	91	64
1492	6199	299450	236530	92	64
1493	6201	261325	149250	99	29
1494	6219	167231	72860	92	64
1495	6228	321796	228381	91	64
1496	624	180014	380729	91	64
1497	6247	137824	160474	91	64
1498	6255	149300	232300	103	29
1499	6260	128078	225400	92	64
1500	6261	102000	189000	103	29
1501	6263	309750	250150	109	29
1502	6264	175281	146415	91	64
1503	6266	124250	320500	91	64
1504	6269	316000	246550	103	29
1505	6270	135422	72048	99	29
1506	6271	172614	70104	92	64
1507	6273	298301	231110	91	64
1508	6278	305733	234264	92	64
1509	628	171554	376620	121	64
1510	6286	310413	239882	91	64
1511	6294	298327	168988	91	64
1512	6303	146284	147389	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1513	6306	124250	320499	103 / 99	29
1514	631	154288	386817	91	64
1515	6311	199082	298671	91	64
1516	6312	245353	445371	91	64
1517	6313	285624	314723	91	64
1518	6325	188171	263960	91	64
1519	6327	127172	182797	91	64
1520	6328	127910	244735	91	64
1521	6329	158750	232050	91	64
1522	6330	168695	232595	91	64
1523	6333	191559	115331	91	64
1524	6334	204773	126648	91	64
1525	6358	305710	293300	91	64
1526	6363	313991	237179	91	64
1527	6364	248795	150229	91	64
1528	6367	188468	242335	91	64
1529	6381	163017	216978	91	64
1530	6386	130955	226435	91	64
1531	6391	302283	157188	91	64
1532	6392	298051	119143	91	64
1533	6393	149432	279497	92	64
1534	6395	239088	282913	91	64
1535	6396	246630	270812	91	64
1536	6397	304022	268955	91	64
1537	6398	279885	255811	92	64
1538	6402	309304	241641	91	64
1539	6408	228094	246792	91	64
1540	6409	259027	343220	91	64
1541	6410	187715	379146	91	64
1542	6418	85881	116579	91	64
1543	6419	273053	124176	91	64
1544	6424	142132	223152	91	64
1545	6426	200810	246441	91	64
1546	6428	120156	36367	91	64
1547	6429	315902	238738	91	64
1548	6438	315296	183287	91	64
1549	644	314071	234027	91	64
1550	6472	317620	233156	91	64
1551	6483	313245	230979	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1552	649	318657	238215	92	64
1553	6520	314560	233913	91	64
1554	653	316475	237646	92	64
1555	6539	314735	233286	91	64
1556	654	318920	239860	92	64
1557	655	313535	240056	91	64
1558	6571	158976	156303	91	64
1559	6585	308600	228700	103	29
1560	662	316160	233080	91	64
1561	6620	320955	227034	92	64
1562	6624	260540	116620	103	29
1563	663	318440	230828	91	64
1564	665	320631	227688	92	64
1565	6653	313293	239027	91	64
1566	666	310246	231761	91	64
1567	6704	77852	23952	121	64
1568	6715	316210	232725	91	64
1569	672	318599	234770	91	64
1570	6745	306111	306801	91	64
1571	6772	207000	241980	92	64
1572	6803	187600	74400	109	29
1573	6834	157300	156550	101	29
1574	6842	137802	224440	91	64
1575	692	315377	230051	92	64
1576	6960	172989	62764	91	64
1577	6978	188000	73230	91	64
1578	6979	167543	69187	91	64
1579	698	314181	228797	91	64
1580	6980	187470	75260	103	29
1581	6988	238971	177074	91	64
1582	7011	155082	103813	103	29
1583	7018	218365	412177	92	64
1584	702	314075	235530	91	64
1585	7031	327901	194965	91	64
1586	7040	205307	95037	91	64
1587	7042	230956	99612	91	64
1588	7058	264750	208720	91	64
1589	7063	146170	212107	91	64
1590	7066	321331	239088	92	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1591	7079	312369	238490	92	64
1592	708	307800	238930	91	64
1593	709	309960	234320	92	64
1594	7101	192867	378413	91	64
1595	7104	135300	54000	91	64
1596	7106	320297	225891	103	29
1597	7110	257570	101619	91	64
1598	7128	98500	47700	99	29
1599	7131	201859	368267	91	64
1600	7132	247515	176068	91	64
1601	7135	288328	194512	91	64
1602	7139	309754	163445	91	64
1603	714	305000	242550	91	64
1604	7140	289039	161442	91	64
1605	7141	286558	173349	91	64
1606	7146	318152	162467	91	64
1607	7152	155345	59076	91	64
1608	7153	220000	393500	103	29
1609	716	309792	240784	92	64
1610	717	316799	243271	91	64
1611	7176	319726	226046	91	64
1612	7185	280364	214796	92	64
1613	7189	234739	432317	92	64
1614	7192	192186	183831	91	64
1615	7197	173658	390239	91	64
1616	7198	134600	230100	91	64
1617	7213	124712	225026	91	64
1618	7220	166160	225642	91	64
1619	723	322268	239847	92	64
1620	7231	178096	64331	91	64
1621	7234	313065	229248	99	29
1622	7240	230147	410913	91	64
1623	7248	144600	243100	103	29
1624	725	309148	230561	91	64
1625	7253	320520	228930	109	29
1626	7255	130365	226680	92	64
1627	7258	271688	177276	92	64
1628	7267	173786	97720	91	64
1629	7272	183750	194800	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1630	7278	142500	170600	91	64
1631	7284	317345	227641	91	64
1632	7286	281117	174554	103	29
1633	7295	299200	230500	103	29
1634	7319	155700	156000	108	29
1635	7324	171759	291489	91	64
1636	7337	217664	411691	91	64
1637	7352	143145	229140	91	64
1638	7355	274744	249817	91	64
1639	7360	283744	283869	91	64
1640	7371	260267	315066	91	64
1641	7375	167926	288232	91	64
1642	7380	311163	232070	91	64
1643	7384	152146	254485	91	64
1644	7385	163436	249604	91	64
1645	7387	104200	253450	91	64
1646	7388	316382	234374	91	64
1647	7389	287711	240382	103	29
1648	7390	194200	244750	99	29
1649	7392	289291	219488	92	64
1650	7397	252878	143484	91	64
1651	7406	81928	129937	91	64
1652	7407	100261	145549	91	64
1653	7409	277408	113875	91	64
1654	7411	316150	233730	109	29
1655	7418	174304	314573	91	64
1656	7424	138378	114233	91	64
1657	7425	156634	158339	92	64
1658	7426	197192	310886	91	64
1659	7427	282382	206662	92	64
1660	7429	282001	291750	91	64
1661	7433	96768	90705	91	64
1662	7435	302010	163281	91	64
1663	7436	180913	113179	91	64
1664	7446	155340	130574	91	64
1665	7447	139600	162100	103	29
1666	7448	278091	148515	91	64
1667	7449	235195	182864	92	64
1668	745	322810	246125	92	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1669	7460	155900	186575	91	64
1670	7461	193800	258450	91	64
1671	7466	111500	134200	91	64
1672	7477	295455	239028	91	64
1673	748	328381	239486	91	64
1674	7484	136978	179128	91	64
1675	7493	199752	67382	91	64
1676	7495	130630	262130	91	64
1677	7497	132728	240088	91	64
1678	7506	115163	282135	91	64
1679	751	309820	244813	92	64
1680	7519	314734	234479	91	64
1681	7528	296337	290699	91	64
1682	7533	118570	288930	91	64
1683	7534	259163	298522	91	64
1684	7538	80822	99558	91	64
1685	7539	104531	89093	91	64
1686	7544	307788	242229	91	64
1687	7545	148567	178032	91	64
1688	755	301673	222802	91	64
1689	7550	307250	236274	91	64
1690	7569	228008	167420	91	64
1691	7573	194005	271571	91	64
1692	7574	177635	305313	91	64
1693	7575	185852	274769	91	64
1694	7582	216225	169950	91	64
1695	7587	308536	232406	91	64
1696	7588	221455	157595	101	29
1697	7597	286448	228717	92	64
1698	7602	157495	69580	91	64
1699	7609	179644	92817	91	64
1700	7620	258755	109700	91	64
1701	7623	177490	122945	91	64
1702	7627	164495	67155	91	64
1703	763	307115	258574	91	64
1704	7634	31459	101253	91	64
1705	7646	177888	179928	91	64
1706	7650	198898	176661	91	64
1707	7665	157222	99058	91	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1708	7669	255679	104895	91	64
1709	767	321565	229266	92	64
1710	7671	146090	296263	91	64
1711	7672	98521	293650	91	64
1712	7673	248223	267537	91	64
1713	768	324403	228490	92	64
1714	7689	168898	68426	91	64
1715	7694	194385	208906	91	64
1716	7712	147284	146173	91	64
1717	7721	323400	227400	103	29
1718	7724	167745	328282	91	64
1719	7726	163093	141916	91	64
1720	7734	234740	172751	91	64
1721	7745	172175	90820	91	64
1722	7751	269719	232007	91	64
1723	7753	288500	219000	103	29
1724	7758	175492	103709	91	64
1725	7762	160637	46946	91	64
1726	7773	105625	44917	91	64
1727	7778	153917	108014	91	64
1728	7782	325314	187114	91	64
1729	7783	312699	157621	92	64
1730	779	324231	223194	92	64
1731	7795	298590	221510	109	29
1732	7797	158950	293117	99	29
1733	7819	183012	257483	91	64
1734	7831	245600	190608	91	64
1735	7834	245514	184445	91	64
1736	7854	295740	232640	92	64
1737	7856	275600	179000	99	29
1738	786	305921	235440	91	64
1739	7869	168129	123062	91	64
1740	7871	170958	135725	91	64
1741	7872	151328	159750	91	64
1742	7874	275703	201469	92	64
1743	7881	309900	230100	99	29
1744	7893	317151	229486	91	64
1745	793	315278	233425	91	64
1746	796	316107	233511	91	64



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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1747	7973	317121	234268	92	64
1748	7977	293161	234166	91	64
1749	7986	184300	209700	92	64
1750	799	308921	228088	92	64
1751	80	310175	228524	92	64
1752	800	315556	234644	91	64
1753	8024	270091	143581	91	64
1754	8060	320187	251999	92	64
1755	8082	228224	121735	91	64
1756	8132	135475	40466	91	64
1757	8144	184975	67763	91	64
1758	816	316410	239200	91	64
1759	817	315005	236020	91	64
1760	8174	309237	275038	91	64
1761	8181	129000	167500	91	64
1762	819	317852	263941	91	64
1763	8195	322525	245082	92	64
1764	825	323332	239801	92	64
1765	8265	83961	120143	103	29
1766	8270	200800	287700	91	64
1767	8284	147200	229000	99	29
1768	8285	310700	274300	103	29
1769	8288	301450	268400	103	29
1770	8292	204040	412800	91	64
1771	8293	308225	228239	92	64
1772	8297	146732	73547	91	64
1773	8300	167521	339062	91	64
1774	8304	325242	219226	91	64
1775	8338	314750	235300	103	29
1776	8339	100830	50112	103	29
1777	8341	317648	238723	91	64
1778	8346	330864	194765	91	64
1779	8349	313679	238209	91	64
1780	8350	319108	246492	92	64
1781	8358	168420	70490	91	64
1782	8359	308936	240521	91	64
1783	8364	165321	70779	91	64
1784	8368	322997	240395	91	64
1785	8374	139600	42500	109 / 108	29

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1786	8380	169751	73385	91	64
1787	8383	308461	233925	92	64
1788	8398	130694	227992	91	64
1789	8399	149884	227886	91	64
1790	8405	329918	203294	91	64
1791	841	324620	243770	92	64
1792	8418	189168	135934	91	64
1793	8424	98236	90705	91	64
1794	844	300857	235296	92	64
1795	8447	133097	175934	91	64
1796	846	317481	228137	91	64
1797	8462	179981	72006	91	64
1798	8464	223623	142911	99	29
1799	8470	306000	287933	91	64
1800	8472	221527	237248	91	64
1801	8477	161189	165829	91	64
1802	848	317250	228000	91	64
1803	8486	96068	320317	91	64
1804	8499	323250	172352	91	64
1805	8501	255025	211225	91	64
1806	8502	248803	201880	91	64
1807	8507	205151	290009	91	64
1808	8519	165890	321193	91	64
1809	852	313392	232446	92	64
1810	8525	216250	174875	91	64
1811	8529	259823	245313	91	64
1812	8533	134194	275097	91	64
1813	8537	232800	309900	103	29
1814	8539	184865	73235	103 / 109	29
1815	854	316950	233550	91	64
1816	8540	318582	240358	103	29
1817	8541	186963	181267	103	29
1818	8542	151920	159550	103	29
1819	8543	130480	225346	109	29
1820	8550	324331	245373	92	64
1821	8551	201204	166003	91	64
1822	8552	186447	134513	103	29
1823	8559	130966	130769	103	29
1824	8560	170731	73089	103	29

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1825	8562	157954	156850	91	64
1826	857	316707	232542	91	64
1827	8573	329314	207452	91	64
1828	8582	94023	57494	91	64
1829	8590	112220	126919	91	64
1830	8591	314954	232370	92	64
1831	8599	155400	98700	108	29
1832	8600	157100	156850	103	29
1833	8602	317023	234493	108	29
1834	8604	329644	211003	92	64
1835	861	317611	232823	91	64
1836	8613	155619	152458	91	64
1837	8679	217000	128850	103	29
1838	8684	192146	237997	91	64
1839	8703	230200	310200	103	29
1840	872	311430	228230	91	64
1841	8741	300845	236002	92	64
1842	8758	305866	240249	91	64
1843	8771	262250	286850	103	29
1844	8772	315750	233250	109	29
1845	8775	309650	230200	109	29
1846	8776	270100	339100	103	29
1847	8777	163756	157429	108	29
1848	8778	176640	113630	103	29
1849	879	307893	231064	92	64
1850	8807	267800	332100	103	29
1851	8812	206089	287252	91	64
1852	8825	99300	168100	103	29
1853	8840	326501	178442	91	64
1854	885	326568	227310	92	64
1855	8864	316200	233400	103	29
1856	8914	309300	231200	103	29
1857	8928	156000	155400	103	29
1858	893	316620	230060	92	64
1859	904	315840	232750	91	64
1860	906	318400	233450	91	64
1861	907	319858	230615	92	64
1862	909	317680	223035	122	64
1863	914	314908	240698	92	64

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No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
1864	931	319740	239260	92	64
1865	938	316864	234910	91	64
1866	939	318336	240650	92	64
1867	9424	155050	228300	91	64
1868	9457	320297	224453	91	64
1869	9459	309609	226506	91	64
1870	9496	234171	225939	91	64
1871	95	103800	174600	91	64
1872	9525	228200	162950	103	29
1873	9528	316372	233408	121	64
1874	9529	303857	239484	92	64
1875	953	318210	246564	92	64
1876	9538	305850	221800	103	29
1877	954	312686	236288	92	64
1878	956	308050	236880	91	64
1879	958	306414	252445	92	64
1880	9611	124300	312600	91	64
1881	9696	211900	134400	99	29
1882	972	305822	238117	92	64
1883	9770	315569	246823	92	64
1884	981	315389	238256	93	64
1885	9811	303586	232141	92	64
1886	984	324565	259925	92	64
1887	9850	166732	66765	103	29
1888	990	315462	235864	91	64
1889	992	313095	248324	91	64
1890	993	317201	249598	92	64
1891	994	314996	234363	91	64
1892	9945	317200	233500	103	29
1893	9979	260378	289533	91	64
1894	9983	304926	231044	92	64

(3) 1800 MHz band

No	Site Identity	Eastings	Northings	Equipment Index Reference	Maximum EIRP <sup>1</sup> "dBm/5MHz"
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<sup>1</sup> EIRP is the Equivalent Isotropically Radiated Power

**Part 4****Licence Conditions****1. General****(1) The Frequency Bands**

- The “800 MHz band” means the 791 to 821 MHz band paired with the 832 to 862 MHz band;
- The “900 MHz band” means the 880 to 915 MHz band paired with the 925 to 960 MHz band;
- The “1800 MHz band” means the 1710 to 1785 MHz band paired with the 1805 to 1880 MHz band.

**(2) The Licensed Spectrum Blocks**

“Licensed Spectrum Block(s)” means the Spectrum Blocks set out in Part 1 of the Licence.

**(3) The Terrestrial Systems and Services**

“Terrestrial Systems” means terrestrial systems capable of providing electronic communications services that are in compliance with the technical implementing measures adopted pursuant to Decision No 676/2002/EC of the European Parliament and of the Council of 7 March 2002 on a regulatory framework for radio spectrum policy in the European Community (“Radio Spectrum Decision”) and in conformity with the standards referred to in Sections 1 to 4 of this Schedule.

**(4) Provision of Maps and Data**

For the purposes of carrying out coverage (see Section 3) and quality of service (see Section 4) compliance checks, the Licensee shall, on request, provide to the Commission the following:

- (a) Maps showing Coverage as defined in Section 3 of this Schedule;
- (b) An up-to-date list of the locations of the ‘Base Station’<sup>1</sup> transmitters;
- (c) An adequate number of test numbers

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<sup>1</sup> Repeaters are also included as a Base Station for the purposes of this Licence.

## 2. Technical Conditions

### (1) The 800 MHz band

- (a) The Frequency Division Duplex (FDD) method shall be used. Radio transmitters that use the 791 to 821 MHz frequency space shall transmit in a downlink direction (i.e. ‘Base Station’ transmitters). Radio transmitters that use the 832 to 862 MHz frequency space shall transmit in an uplink direction (i.e. ‘Terminals’ transmitters).
- (b) Terrestrial Systems compatible with Decision 2010/267/EU can be deployed in the 800 MHz band.
- (c) Within a Spectrum Block for which the Licence holder has a Licence, the in-block radiated power from a Base Station transmitter in the downlink direction must not exceed a mean in block power of 59 dBm/5 MHz EIRP.<sup>2</sup>
- (d) Outside of a Spectrum Block for which the Licence holder has a Licence, the Licensee shall comply with the out-of-block Block Edge Mask (BEM) as specified in Table 1 to Table 4 below

Table 1: Baseline Requirements – Base Station BEM out-of-block EIRP limits

Frequency Range Of Out-Of-Block Emissions	Maximum Mean Out-Of-Block EIRP	Measurement Bandwidth
832 – 862 MHz (Frequencies used for FDD uplink)	-49.5 dBm	5 MHz

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<sup>2</sup> EIRP stands for Equivalent Isotropically Radiated Power.

Table 2: Transition Requirements - Base Station BEM out-of-block EIRP limits per antenna over FDD downlink frequencies 791 to 821 MHz

Frequency Range Of Out-Of-Block Emissions	Maximum Mean Out-Of-Block EIRP	Measurement Bandwidth
-10 to -5 MHz from lower block edge	18 dBm	5 MHz
-5 to 0 MHz from lower block edge	22 dBm	5 MHz
0 to +5 MHz from lower block edge	22 dBm	5 MHz
+5 to +10 MHz from lower block edge	18 dBm	5 MHz
Remaining FDD downlink frequencies	11 dBm	1 MHz

Table 3: Transition Requirements – Base Station BEM out-of-block EIRP limits per antenna (for one to four antennas) over frequencies used as guard bands

Frequency Range Of Out-Of-Block Emissions	Maximum Mean Out-Of-Block EIRP	Measurement Bandwidth
Guard band between 790 MHz and 791 MHz	17.4 dBm	1 MHz
Duplex Gap guard band 821 – 832 MHz	15 dBm	1 MHz

Table 4: Baseline requirements - Base Station out-of-block EIRP limits over frequencies below 790 MHz

Frequency Range Of Out-Of-Block Emissions	Conditions On Base Station In-Block EIRP, P dBm/10 MHz	Maximum Mean Out-Of-Block EIRP	Measurement Bandwidth
470 – 790 MHz	$P \geq 59$	0 dBm	8MHz
	$36 \leq P < 59$	(P-59) dBm	8MHz
	$P < 36$	-23 dBm	8MHz

- (e) The Licensee shall comply with all Memoranda of Understanding (“MoU”) agreed from time to time between the Commission and the national regulatory authority

responsible for communications matters in the UK, (“Ofcom”), or its successor, in relation to the 800 MHz band, including ComReg Document 12/47<sup>3</sup>.

(2) The 900 MHz and 1800 MHz bands

- (a) The Frequency Division Duplex (FDD) method shall be used.
- (b) In the 900 MHz band, radio transmitters that use the 925 to 960 MHz frequency space shall transmit in a downlink direction (i.e. ‘Base Station’ transmitters). Radio transmitters that use the 880 to 915 MHz frequency space shall transmit in an uplink direction (i.e. ‘Terminal’ transmitters).
- (c) In the 1800 MHz band radio transmitters that use the 1805 to 1880 MHz frequency space shall transmit in a downlink direction (i.e. ‘Base Station’ transmitters). Radio transmitters that use the 1710 to 1785 MHz frequency space shall transmit in an uplink direction (i.e. ‘Terminal’ transmitters).
- (d) Terrestrial Systems permitted under Decision 2009/766/EC as amended by Decision 2011/251/EU can be deployed in the 900 MHz band and/or the 1800 MHz band.
- (e) In the absence of bilateral or multilateral agreements between neighbouring Licensees, the Licensee deploying a GSM system<sup>4</sup> in the 900 MHz and/or 1800 MHz band is required to meet the guard band obligation as set down in Decision 2009/766/EC as amended by Decision 2011/251/EU.
- (f) The Licensee shall comply with all MoU agreed from time to time between the Commission and the Ofcom, or its successor, in relation to the 900 MHz and 1800 MHz band, including ComReg Documents 11/50c, d, e and f.<sup>5</sup>

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<sup>3</sup> [http://www.comreg.ie/\\_fileupload/publications/ComReg1247.pdf](http://www.comreg.ie/_fileupload/publications/ComReg1247.pdf)

<sup>4</sup> As defined in Decision 2009/766/EC as amended by Decision 2011/251/EU.

<sup>5</sup> [http://www.comreg.ie/\\_fileupload/publications/ComReg1150c.pdf](http://www.comreg.ie/_fileupload/publications/ComReg1150c.pdf);  
[http://www.comreg.ie/\\_fileupload/publications/ComReg1150d.pdf](http://www.comreg.ie/_fileupload/publications/ComReg1150d.pdf);  
[http://www.comreg.ie/\\_fileupload/publications/ComReg1150e.pdf](http://www.comreg.ie/_fileupload/publications/ComReg1150e.pdf); and  
[http://www.comreg.ie/\\_fileupload/publications/ComReg1150f.pdf](http://www.comreg.ie/_fileupload/publications/ComReg1150f.pdf) .



### 3. Roll-out and Coverage Requirements

#### (1) Minimum Coverage and Roll-out Requirement

In the case of an existing GSM or 3G licensee<sup>6</sup>, which for the avoidance of doubt excludes Mobile Virtual Network Operators (MVNOs) without GSM or 3G spectrum rights of use, being granted a Liberalised Use Licence:

- The Licensee shall ensure the attainment of, and maintain, a coverage level of at least 70% of the population within 3 years of the Licence Commencement Date as set out in the Licence.

In the case of entity that does not have a GSM or 3G licence, which by definition includes MVNOs which do not have GSM or 3G spectrum rights of use, being granted a Liberalised Use Licence:

- The Licensee shall ensure the attainment of, and maintain, a coverage level of at least 35% of the population within 3 years and 70% of the population within 7 years of the Licence Commencement Date as set out in the Licence.

#### (2) Definition of Coverage

##### (a) Terrestrial Systems in the 800 MHz, the 900 MHz or the 1800 MHz bands

(i) Where the Licensee has deployed more than one Terrestrial System in the 800 MHz, the 900 MHz and/or the 1800 MHz band, it is the combined coverage of these Terrestrial Systems that counts towards the minimum coverage and roll-out obligation set out in this Licence.

(ii) Determining whether the Licensee has coverage shall be calculated as follows:

- For measurement purposes, an average pilot signal will be measured outdoors at a height of 1.5m;
- For propagation prediction systems a pilot signal over 95% of the area during 95% of the time is required;

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<sup>6</sup> An existing GSM or 3G licensee is an Existing Mobile Network Operator as defined in the Information Memorandum, ComReg Document 12/52.

- The coverage level specification per frequency band, per bandwidth and per Terrestrial System is set out in Table 5 below.
  - Where both a FS and an Ec/Io or BLER metric are specified in Table 5 for a particular Terrestrial System (i.e. UMTS<sup>7</sup> and LTE<sup>8</sup>), an area will be deemed to have coverage where the Ec/Io or BLER exceeds the levels as set out in Table 5, even if the FS is less than the value shown in the Table 5.
  - Where a FS metric is the only metric specified in Table 5 for a particular Terrestrial System (i.e. GSM), an area will be deemed to have coverage where the FS in Table 5 below is met.

Table 5: The coverage level specification per frequency band, per bandwidth and per terrestrial system

<b>Terrestrial Systems<sup>9</sup> and Bandwidth</b>	<b>800MHz FS (dB(μV/m))</b>	<b>800MHz Ec/Io or BLER</b>	<b>900MHz FS (dB(μV/m))</b>	<b>900MHz Ec/Io or BLER</b>	<b>1800MHz FS (dB(μV/m))</b>	<b>1800MHz Ec/Io or BLER</b>
<b>GSM (0.2MHz)</b>	45	N/A	46	N/A	54	N/A
<b>UMTS (5MHz)</b>	49	-8	50	-8	57	-8
<b>LTE (5MHz)</b>	47	10 <sup>-2</sup>	48	10 <sup>-2</sup>	55	10 <sup>-2</sup>
<b>LTE (10MHz)</b>	44	10 <sup>-2</sup>	45	10 <sup>-2</sup>	52	10 <sup>-2</sup>
<b>LTE (15MHz)</b>	42.5	10 <sup>-2</sup>	43.5	10 <sup>-2</sup>	50.5	10 <sup>-2</sup>
<b>LTE (20MHz)</b>	41	10 <sup>-2</sup>	42.5	10 <sup>-2</sup>	49.5	10 <sup>-2</sup>

Where:

FS = Field Strength;

BLER = Block Error Rate; and

Ec/Io = The ratio of the received energy per chip and the interference level.

<sup>7</sup> As defined in Decision 2009/766/EC as amended by Decision 2011/251/EU.

<sup>8</sup> As defined in Decision 2011/251/EU.

<sup>9</sup> As defined in EC Decision 2009/766/EC as amended by Decision 2011/251/EU.

(b) Other Terrestrial Systems in the 800 MHz, the 900 MHz or the 1800 MHz bands

- (i) Insofar as, over the lifetime of this Licence, WiMAX<sup>10</sup> or other terrestrial systems<sup>11</sup> may also be deployed in one or more of the 800 MHz, the 900 MHz and the 1800 MHz bands, the Commission will set a measurement standard<sup>12</sup> for these when appropriate.
- (ii) Such measurement standards shall be defined on whatever basis appears appropriate to the Commission having regard to, amongst other things, international standards and recommendations, but for indicative purposes these standards are likely to be based on:
- For measurement purposes – an average pilot signal field strength of “X”<sup>13</sup> measured outdoors at a height of 1.5m, or a Carrier to Interference (C/I) ratio of –Y dB<sup>14</sup>
  - For propagation prediction systems – a pilot signal field strength of “X” over 95% of the area during 95% of the time.

(c) Coverage from terrestrial systems in “other designated frequency bands”

In this paragraph, ‘other designated frequency bands’ means the 2100 MHz band, which is to say, the 1900 to 1980 MHz band and the 2110 to 2170 MHz band.

- (i) Where the Licensee has deployed one or more than one terrestrial system in other designated frequency bands on foot of a licence or licences granted under section 5 of the Act of 1926, which provides or provide a seamless service with Terrestrial Systems in one or more than one of the 800 MHz, 900 MHz and 1800 MHz bands, up to 35% of the population coverage (that is to say, one-half) of the 70% of the population coverage obligation set out in Section 3(1) above may be

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<sup>10</sup> As defined in EC Decision 2009/766/EC as amended by Decision 2011/251/EU.

<sup>11</sup> Other terrestrial systems” means an electronic communications network not otherwise listed in this Annex that complies with Decision 2010/267/EU (for the 800 MHz band) or Decision 2009/766/EC as amended by Decision 2011/251/EU (for the 900 MHz band and 1800 MHz band), as applicable.

<sup>12</sup> As with the GSM, UMTS and LTE Terrestrial Systems, coverage will be measured using a device matching the appropriate Users Equipment standard for the system in use.

<sup>13</sup> Corrected for the bandwidth used but based on a harmonised European or International standard which would be confirmed following consultation with stakeholders.

<sup>14</sup> This would be the C/I ratio giving a quasi error free channel, following a standards based approach.

met using coverage provided by the terrestrial systems in these other designated frequency bands.

### (3) Reporting of Compliance

- (a) Every twelve months, the Licensee shall measure and submit an annual compliance report to the Commission on coverage.
- (b) The measurements required for this compliance report shall be agreed with the Commission in advance and the compliance report shall have sufficient detail and granularity to allow the Commission to verify the Licensee's measurements.
- (c) Where the Licensee is claiming to have met the minimum coverage and roll-out obligation set out in Section 3(1) above for the first time, the compliance report shall contain drive test measurements<sup>15</sup>. These drive test measurements are to be carried out at the Licensee's own expense and to a standard as agreed with the Commission.
- (d) Upon request by the Commission<sup>16</sup>, the Licensee shall carry out drive test measurements and submit these results to the Commission. These drive test measurements are to be carried out at the Licensee's own expense and to a standard as agreed with the Commission.
- (e) The Licensee shall submit this compliance report each calendar year within 31 days of the anniversary of the Licence Commencement Date of the Liberalised Use Licence.
- (f) In the compliance report the Licensee shall notify the Commission whether it has either (a) met the relevant coverage and roll-out obligation specified in relation to the Licensee in Section 3 (1) above, or (b) failed to meet the said obligation and reasons for same.
- (g) Failure by the Licensee to so notify the Commission shall be deemed to comprise non-compliance with both this reporting obligation and the relevant coverage and roll-out obligation.

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<sup>15</sup> Drive Test Measurements are measurements collected using a motor vehicle.

<sup>16</sup> The Commission does not envisage drive test measurements being required on a frequent basis, but notes that such measurements may be appropriate in circumstances where:

- a Licensee is submitting a compliance report on coverage for the first time;
- the Commission's own verification checks, drive test measurements or other information suggests that there may be discrepancies in the compliance report on coverage or the Licensee may not be meeting its coverage obligation.

#### 4: Quality of Service (QoS) Obligations

(1) The Minimum “Availability of the Network” Standard

"Network unavailability" means the average number of minutes per terminal per six month period for which services on the network are not available due to a network disturbance, failure or scheduled unavailability.

“The network” means any Terrestrial System which uses the Licensed Spectrum Blocks.

- (a) The “availability of the network” shall be measured in terms of “network unavailability” and reported on an annual basis.
- (b) The Licensee shall ensure that network unavailability is less than 35 minutes (based on the weighting factors set out in Table 6 below) per six month period.

Table 6: Weighting Factors for Network Unavailability tracking all periods of network unavailability.

<b>Network Unavailability, Weighting Factors</b>			
<b>(divide duration of each network event by weighting factor)</b>			
	Monday to Friday	Saturday	Sunday
<b>For periods between 07.00 and 24.00</b>	1	2	4
<b>For periods between 00.00 and 07.00</b>	4	8	16

- (c) The Licensee shall maintain this network log in a manner that will demonstrate to the satisfaction of the Commission that such a network log is an adequate means of assessing whether the Licensee is complying with its “availability of the network” obligation under this Licence.
- (d) The network log, or as may be appropriate, part thereof, shall be made available on request to the Commission.

- (e) The Licensee shall calculate the network unavailability for any period specified by the Commission from the information recorded in the network log, and shall, upon request and within such time as may be specified by the Commission, provide the Commission with the results of the calculation

(2) The Minimum “Voice Call” Standard

In this paragraph “voice calls” does not include Voice over Internet Protocol (VoIP) calls.

- (a) Where the Licensee and/or any third party via contractual or other arrangements with the Licensee, provides a “voice call” service on a Terrestrial System which uses the Licensed Spectrum Blocks, the Licensee shall comply with the minimum “voice call” standard as set out in Table 7 below.

Table 7: The minimum “voice call” standard for each 6 month period for annual reporting

	Average	Worst Case
<p><b>Maximum Permissible Blocking Rates</b></p> <p>This refers to the maximum percentage of total call attempts which are unsuccessful during the time consistent busy hour<sup>17</sup>.</p>	2%	4%
<p><b>Maximum Permissible Dropped Call Rates</b></p> <p>This refers to the maximum percentage of total originating calls which are prematurely released by the network within 3 minutes of the call being made.</p>	2%	4%
<p><b>Transmission quality</b></p> <p>The Licensee shall ensure that the speech transmission quality is as good as or better than the speech quality associated with the GSM Standard and GSM Technical Specifications of the European Telecommunications Standards Institute (“ETSI”). The Licensee shall ensure that appropriate echo treatment equipment is used and that it is properly configured.</p>		

<sup>17</sup> “Time consistent busy hour” means the period of one-hour starting at the same time each day for which the average traffic of the network concerned is greatest over the days under consideration. The time consistent busy hour shall be determined from an analysis of traffic data obtained from the service and be subject to the Commission’s approval.

The ‘Time consistent busy hour’ is determined from the operator’s voice traffic. It is the one-hour period during which there is the highest level of traffic. The blocked call rates are measured for the same one-hour period during each review period (i.e. 6 months). The one-hour period is determined by the operator and is subject to the Commission’s approval.

- (b) Where a “voice call” service is provided by the Licensee and any third party via contractual or other arrangements with the Licensee, the minimum voice call standard shall be calculated by combining the “voice call” measurements of the Licensee with that of the third party.

(3) Reporting of Compliance

- (a) Every twelve months, the Licensee shall measure, and submit an annual compliance report to the Commission on (a) the availability of the network QoS standard and (b) the voice call QoS standard.
- (b) The measurements required for this compliance report shall be agreed with the Commission in advance and the compliance report shall have sufficient detail and granularity to allow the Commission to verify the Licensee’s measurements.
- (c) Upon request by the Commission<sup>18</sup> the Licensee shall carry out drive test measurements<sup>19</sup> and submit these results to the Commission. These drive test measurements are to be carried out at the Licensee’s own expense and to a standard as agreed with the Commission.
- (d) The Licensee shall submit this compliance report each calendar year within 31 days of the anniversary of the Licence Commencement Date of the Liberalised Use Licence.
- (e) In the compliance report the Licensee shall notify the Commission whether the Licensee has either (a) met the relevant QoS obligations as set out in Section 4 (1) and Section 4 (2) above, or (b) failed to meet the said obligations and reasons for same.

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<sup>18</sup> The Commission does not envisage drive test measurements being required on a frequent basis, but notes that such measurements may be appropriate in circumstances where:

- a Licensee is submitting a compliance report on QoS for the first time;
- the Commission’s own verification checks, drive test measurements or other information suggests that there may be discrepancies in the compliance report on QoS or the Licensee may not be meeting its QoS obligations.

<sup>19</sup> Drive Test Measurements are measurements collected using a motor vehicle.

- (f) Failure by the Licensee to so notify the Commission shall be deemed to comprise non-compliance with both this reporting obligation and the relevant Quality of Service obligations.