Appendix D: LP100, LP10 and LP1 Simulation Results

LOCATION	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	POPULATION (per sq. mile)	SERVING AREA (sq.miles)	INTERFERENCE AREA (sq.miles)	NUM CHANNELS WITH NO PROTECTION	TOTAL AUDIENCE REACHED	MAX POSSIBLE AUDIENCE INTERFERED	NUM CHANNELS WITH 2nd ADJ PROTECTED	TOTAL AUDIENCE REACHED	MAX POSSIBLE AUDIENCE INTERFERED	NUM CHANNELS WITH 2nd AND 3rd ADJ PROTECTED	TOTAL AUDIENCE REACHED	MAX POSSIBLE AUDIENCE INTERFERED
Albuquerque, NM	100	30 x 30	60	3172	38.53	0.60	13	1588741	24742	4	488843	7613	0	0	0
Atlanta, GA	100	30 x 30	60	3051	38.53	0.60	13	1528136	23798	5	587745	9153	1	117549	1831
Baltimore, MD	100	30 x 30	60	8512	38.53	0.60	7	2295652	35750	4	1311801	20429	0	0	0
Baton Rouge, LA	100	30 x 30	60	3088	38.53	0.60	5	594872	9264	3	356923	5558	2	237949	3706
Boise, ID	100	30 x 30	60	3325	38.53	0.60	18	2305901	35910	5	640528	9975	0	0	0
Boston, MA	100	30 x 30	60	11277	38.53	0.60	5	2172401	33831	2	868961	13532	0	0	0
Charlotte, NC	100	30 x 30	60	2621	38.53	0.60	6	605891	9436	0	0	0	0	0	0
Chicago, IL	100	30 x 30	60	11918	38.53	0.60	2	918353	14302	0	0	0	0	0	0
Cincinnati, OH	100	30 x 30	60	4569	38.53	0.60	9	1584310	24673	5	880172	13707	2	352069	5483
Cleveland, OH	100	30 x 30	60	6304	38.53	0.60	14	3400327	52954	2	485761	7565	1	242881	3782
Columbus, OH	100	30 x 30	60	3316	38.53	0.60	18	2299659	35813	11	1405347	21886	7	894312	13927
Dallas, TX	100	30 x 30	60	3019	38.53	0.60	2	232632	3623	0	0	0	0	0	0
Denver, CO	100	30 x 30	60	3260	38.53	0.60	3	376804	5868	1	125601	1956	0	0	0
Des Moines, IA	100	30 x 30	60	2582	38.53	0.60	16	1591669	24787	8	795834	12394	2	198959	3098
Detroit, MI	100	30 x 30	60	7064	38.53	0.60	4	1088647	16954	0	0	0	0	0	0
Flagstaff, AZ	100	30 x 30	60	836	38.53	0.60	29	934073	14546	14	450932	7022	7	225466	3511
Grand Rapids, MI	100	30 x 30	60	4296	38.53	0.60	10	1655163	25776	5	827581	12888	1	165516	2578
Greenville, NC	100	30 x 30	60	2020	38.53	0.60	10	778266	12120	7	544786	8484	5	389133	6060
Harrisburg, PA	100	30 x 30	60	6783	38.53	0.60	10	2613354	40698	4	1045342	16279	3	784006	12209
Houston, TX	100	30 x 30	60	3168	38.53	0.60	6	732340	11405	1	122057	1901	0	0	0
Indianapolis, IN	100	30 x 30	60	2099	38.53	0.60	12	970443	15113	5	404351	6297	0	0	0
Jacksonville, FL	100	30 x 30	60	905	38.53	0.60	17	592753	9231	6	209207	3258	0	0	0
Kansas City, KS	100	30 x 30	60	1290	38.53	0.60	15	745517	11610	2	99402	1548	0	0	0
La Crosse, WI	100	30 x 30	60	2754	38.53	0.60	15	1591592	24786	10	1061061	16524	4	424424	6610
Las Vegas, NV	100	30 x 30	60	4399	38.53	0.60	18	3050724	47509	4	677939	10558	0	0	0
Little Rock, AR	100	30 x 30	60	1729	38.53	0.60	14	932609	14524	3	199845	3112	0	0	0
Los Angeles, CA	100	30 x 30	60	7288	38.53	0.60	0	0	0	0	0	0	0	0	0
Louisville, KY	100	30 x 30	60	4316	38.53	0.60	7	1164008	18127	2	332574	5179	1	166287	2590
Manchester, CT	100	30 x 30	60	1874	38.53	0.60	11	794216	12368	5	361007	5622	1	72201	1124
Manchester, NH	100	30 x 30	60	2926	38.53	0.60	7	789130	12289	4	450932	7022	2	225466	3511
Miami, FL	100	30 x 30	60	10574	38.53	0.60	10	4073951	63444	0	0	0	0	0	0
Midland, TX	100	30 x 30	60	1490	38.53	0.60	21	1205541	18774	9	516660	8046	3	172220	2682

Appendix D: LP100 Simulation Results - Summary

LOCATION	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	POPULATION (per sq. mile)	SERVING AREA (sq.miles)	INTERFERENCE AREA (sq.miles)	NUM CHANNELS WITH NO PROTECTION	TOTAL AUDIENCE REACHED	MAX POSSIBLE AUDIENCE INTERFERED	NUM CHANNELS WITH 2nd ADJ PROTECTED	TOTAL AUDIENCE REACHED	MAX POSSIBLE AUDIENCE INTERFERED	NUM CHANNELS WITH 2nd AND 3rd ADJ PROTECTED	TOTAL AUDIENCE REACHED	MAX POSSIBLE AUDIENCE INTERFERED
Milwaukee, WI	100	30 x 30	60	6384	38.53	0.60	12	2951553	45965	5	1229814	19152	0	0	0
Minneapolis, MN	100	30 x 30	60	6385	38.53	0.60	9	2214012	34479	2	492003	7662	0	0	0
Mobile, AL	100	30 x 30	60	1753	38.53	0.60	17	1148173	17881	5	337698	5259	0	0	0
Montgomery, AL	100	30 x 30	60	1469	38.53	0.60	18	1018757	15865	13	735769	11458	6	339586	5288
Nashville, TN	100	30 x 30	60	1084	38.53	0.60	16	668230	10406	3	125293	1951	0	0	0
New York, NY	100	30 x 30	60	23672	38.53	0.60	0	0	0	0	0	0	0	0	0
Oklahoma City, OK	100	30 x 30	60	769	38.53	0.60	12	355536	5537	5	148140	2307	0	0	0
Omaha, NE	100	30 x 30	60	3478	38.53	0.60	10	1340004	20868	5	670002	10434	1	134000	2087
Orlando, FL	100	30 x 30	60	2724	38.53	0.60	6	629702	9806	1	104950	1634	0	0	0
Peoria, IL	100	30 x 30	60	2727	38.53	0.60	17	1786120	27815	11	1155724	17998	8	840527	13090
Philadelphia, PA	100	30 x 30	60	11122	38.53	0.60	3	1285525	20020	0	0	0	0	0	0
Phoenix, AZ	100	30 x 30	60	2591	38.53	0.60	11	1098087	17101	2	199652	3109	0	0	0
Pittsburgh, PA	100	30 x 30	60	6318	38.53	0.60	7	1703939	26536	4	973680	15163	1	243420	3791
Raleigh, NC	100	30 x 30	60	2804	38.53	0.60	7	756228	11777	1	108033	1682	0	0	0
Richmond, VA	100	30 x 30	60	3339	38.53	0.60	27	3473415	54092	16	2058320	32054	9	1157805	18031
Salt Lake City, UT	100	20 x 20	60	1605	38.53	0.60	5	309187	4815	0	0	0	0	0	0
San Antonio, TX	100	30 x 30	60	3079	38.53	0.60	17	2016671	31406	6	711766	11084	1	118628	1847
San Diego, CA	100	30 x 30	60	4574	38.53	0.60	1	176227	2744	0	0	0	0	0	0
San Francisco, CA	100	30 x 30	60	16034	38.53	0.60	0	0	0	0	0	0	0	0	0
San Jose, CA	100	30 x 30	60	4912	38.53	0.60	4	756998	11789	2	378499	5894	1	189250	2947
Santa Barbara, CA	100	20 x 20	60	4730	38.53	0.60	17	3098036	48246	5	911187	14190	2	364475	5676
Spokane, WA	100	30 x 30	60	3513	38.53	0.60	16	2165582	33725	4	541395	8431	0	0	0
Springfield, MA	100	30 x 30	60	4560	38.53	0.60	14	2459628	38304	9	1581189	24624	5	878438	13680
St. Louis, MO	100	30 x 30	60	5742	38.53	0.60	2	442456	6890	4	884911	13781	0	0	0
Tucson, AZ	100	30 x 30	60	2889	38.53	0.60	11	1224381	19067	7	779152	12134	7	779152	12134
Washington, DC	100	30 x 30	60	8919	38.53	0.60	3	1030894	16054	0	0	0	0	0	0
Wichita, KS	100	30 x 30	60	2671	38.53	0.60	17	1749441	27244	6	617450	9616	2	205817	3205
						TOTAL:	**626**	**81,066,457**	**1,262,455**	**247**	**29,995,820**	**467,128**	**85**	**9,919,534**	**154,478**

LOCATION	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	POPULATION (per sq. mile)	SERVING AREA (sq.miles)	INTERFERENCE AREA (sq.miles)	NUM CHANNELS WITH NO PROTECTION	TOTAL AUDIENCE REACHED	MAX POSSIBLE AUDIENCE INTERFERED	NUM CHANNELS WITH 2nd ADJ PROTECTED	TOTAL AUDIENCE REACHED	MAX POSSIBLE AUDIENCE INTERFERED	NUM CHANNELS WITH 2nd AND 3rd ADJ PROTECTED	TOTAL AUDIENCE REACHED	MAX POSSIBLE AUDIENCE INTERFERED
Albuquerque, NM	10	30 x 30	60	3172	12.02	0.06	15	571912	2855	5	190637	952	0	0	0
Atlanta, GA	10	30 x 30	60	3051	12.02	0.06	14	513422	2563	5	183365	915	1	36673	183
Baltimore, MD	10	30 x 30	60	8512	12.02	0.06	9	920828	4596	4	409257	2043	0	0	0
Baton Rouge, LA	10	30 x 30	60	3088	12.02	0.06	5	185589	926	3	111353	556	2	74236	371
Boise, ID	10	30 x 30	60	3325	12.02	0.06	19	759364	3791	5	199833	998	0	0	0
Boston, MA	10	30 x 30	60	11277	12.02	0.06	6	813297	4060	2	271099	1353	0	0	0
Charlotte, NC	10	30 x 30	60	2621	12.02	0.06	8	252035	1258	1	31504	157	1	31504	157
Chicago, IL	10	30 x 30	60	11918	12.02	0.06	2	286509	1430	0	0	0	0	0	0
Cincinnati, OH	10	30 x 30	60	4569	12.02	0.06	11	604113	3016	6	329516	1645	2	109839	548
Cleveland, OH	10	30 x 30	60	6304	12.02	0.06	14	1060837	5295	2	151548	756	1	75774	378
Columbus, OH	10	30 x 30	60	3316	12.02	0.06	19	757308	3780	13	518158	2586	8	318867	1592
Dallas, TX	10	30 x 30	60	3019	12.02	0.06	3	108865	543	0	0	0	0	0	0
Denver, CO	10	30 x 30	60	3260	12.02	0.06	3	117556	587	1	39185	196	0	0	0
Des Moines, IA	10	30 x 30	60	2582	12.02	0.06	19	589677	2943	10	310356	1549	4	124143	620
Detroit, MI	10	30 x 30	60	7064	12.02	0.06	4	339637	1695	0	0	0	0	0	0
Flagstaff, AZ	10	30 x 30	60	836	12.02	0.06	34	341656	1705	18	180877	903	11	110536	552
Grand Rapids, MI	10	30 x 30	60	4296	12.02	0.06	10	516379	2578	5	258190	1289	1	51638	258
Greenville, NC	10	30 x 30	60	2020	12.02	0.06	11	267084	1333	8	194243	970	6	145682	727
Harrisburg, PA	10	30 x 30	60	6783	12.02	0.06	13	1059912	5291	6	489190	2442	4	326127	1628
Houston, TX	10	30 x 30	60	3168	12.02	0.06	8	304635	1521	2	76159	380	0	0	0
Indianapolis, IN	10	30 x 30	60	2099	12.02	0.06	13	327990	1637	5	126150	630	0	0	0
Jacksonville, FL	10	30 x 30	60	905	12.02	0.06	21	228440	1140	7	76147	380	1	10878	54
Kansas City, KS	10	30 x 30	60	1290	12.02	0.06	15	232587	1161	3	46517	232	1	15506	77
La Crosse, WI	10	30 x 30	60	2754	12.02	0.06	23	761371	3801	17	562752	2809	9	297928	1487
Las Vegas, NV	10	30 x 30	60	4399	12.02	0.06	23	1216148	6071	6	317256	1584	0	0	0
Little Rock, AR	10	30 x 30	60	1729	12.02	0.06	17	353304	1764	5	103913	519	0	0	0
Los Angeles, CA	10	30 x 30	60	7288	12.02	0.06	1	87602	437	0	0	0	0	0	0
Louisville, KY	10	30 x 30	60	4316	12.02	0.06	9	466905	2331	4	207513	1036	3	155635	777
Manchester, CT	10	30 x 30	60	1874	12.02	0.06	14	315357	1574	7	157678	787	2	45051	225
Manchester, NH	10	30 x 30	60	2926	12.02	0.06	11	386876	1931	9	316535	1580	5	175853	878
Miami, FL	10	30 x 30	60	10574	12.02	0.06	11	1398094	6979	0	0	0	0	0	0
Midland, TX	10	30 x 30	60	1490	12.02	0.06	25	447745	2235	11	197008	983	4	71639	358

LOCATION	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	POPULATION (per sq. mile)	SERVING AREA (sq.miles)	INTERFERENCE AREA (sq.miles)	NUM CHANNELS WITH NO PROTECTION	TOTAL AUDIENCE REACHED	MAX POSSIBLE AUDIENCE INTERFERED	NUM CHANNELS WITH 2nd ADJ PROTECTED	TOTAL AUDIENCE REACHED	MAX POSSIBLE AUDIENCE INTERFERED	NUM CHANNELS WITH 2nd AND 3rd ADJ PROTECTED	TOTAL AUDIENCE REACHED	MAX POSSIBLE AUDIENCE INTERFERED
Milwaukee, WI	10	30 x 30	60	6384	12.02	0.06	14	1074300	5363	6	460414	2298	0	0	0
Minneapolis, MN	10	30 x 30	60	6385	12.02	0.06	12	920972	4597	5	383739	1916	2	153495	766
Mobile, AL	10	30 x 30	60	1753	12.02	0.06	18	379279	1893	6	126426	631	0	0	0
Montgomery, AL	10	30 x 30	60	1469	12.02	0.06	20	353148	1763	15	264861	1322	7	123602	617
Nashville, TN	10	30 x 30	60	1084	12.02	0.06	19	247564	1236	6	78178	390	1	13030	65
New York, NY	10	30 x 30	60	23672	12.02	0.06	0	0	0	0	0	0	0	0	0
Oklahoma City, OK	10	30 x 30	60	769	12.02	0.06	15	138651	692	7	64704	323	0	0	0
Omaha, NE	10	30 x 30	60	3478	12.02	0.06	13	543472	2713	8	334444	1669	3	125417	626
Orlando, FL	10	30 x 30	60	2724	12.02	0.06	6	196455	981	1	32742	163	0	0	0
Peoria, IL	10	30 x 30	60	2727	12.02	0.06	18	590014	2945	12	393342	1963	9	295007	1473
Philadelphia, PA	10	30 x 30	60	11122	12.02	0.06	4	534746	2669	0	0	0	0	0	0
Phoenix, AZ	10	30 x 30	60	2591	12.02	0.06	19	591733	2954	5	155719	777	0	0	0
Pittsburgh, PA	10	30 x 30	60	6318	12.02	0.06	7	531597	2654	4	303769	1516	1	75942	379
Raleigh, NC	10	30 x 30	60	2804	12.02	0.06	10	337041	1682	3	101112	505	1	33704	168
Richmond, VA	10	30 x 30	60	3339	12.02	0.06	28	1123774	5610	19	762561	3806	12	481617	2404
Salt Lake City, UT	10	20 x 20	60	1605	12.02	0.06	8	154337	770	0	0	0	0	0	0
San Antonio, TX	10	30 x 30	60	3079	12.02	0.06	20	740192	3695	8	296077	1478	2	74019	369
San Diego, CA	10	30 x 30	60	4574	12.02	0.06	2	109959	549	0	0	0	0	0	0
San Francisco, CA	10	30 x 30	60	16034	12.02	0.06	2	385457	1924	0	0	0	0	0	0
San Jose, CA	10	30 x 30	60	4912	12.02	0.06	6	354253	1768	5	295211	1474	2	118084	589
Santa Barbara, CA	10	20 x 20	60	4730	12.02	0.06	19	1080237	5392	8	454837	2270	3	170564	851
Spokane, WA	10	30 x 30	60	3513	12.02	0.06	13	548941	2740	5	211131	1054	0	0	0
Springfield, MA	10	30 x 30	60	4560	12.02	0.06	20	1096224	5472	12	657734	3283	8	438490	2189
St. Louis, MO	10	30 x 30	60	5742	12.02	0.06	15	1035283	5168	5	345094	1723	1	69019	345
Tucson, AZ	10	30 x 30	60	2889	12.02	0.06	22	763967	3813	17	590338	2947	14	486161	2427
Washington, DC	10	30 x 30	60	8919	12.02	0.06	5	536032	2676	0	0	0	0	0	0
Wichita, KS	10	30 x 30	60	2671	12.02	0.06	21	674214	3365	9	288949	1442	2	64211	321
						TOTAL:	**766**	**31,634,873**	**157,911**	**336**	**12,657,324**	**63,181**	**134**	**4,899,869**	**24,459**

LOCATION	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	POPULATION (per sq. mile)	SERVING AREA (sq.miles)	INTERFERENCE AREA (sq.miles)	NUM CHANNELS WITH NO PROTECTION	TOTAL AUDIENCE REACHED	MAX POSSIBLE AUDIENCE INTERFERED	NUM CHANNELS WITH 2nd ADJ PROTECTED	TOTAL AUDIENCE REACHED	MAX POSSIBLE AUDIENCE INTERFERED	NUM CHANNELS WITH 2nd AND 3rd ADJ PROTECTED	TOTAL AUDIENCE REACHED	MAX POSSIBLE AUDIENCE INTERFERED
Albuquerque, NM	1	30 x 30	60	3172	4.01	0.01	15	190796	281	5	63599	94	0	0	0
Atlanta, GA	1	30 x 30	60	3051	4.01	0.01	15	183518	270	6	73407	108	1	12235	18
Baltimore, MD	1	30 x 30	60	8512	4.01	0.01	9	307198	452	4	136532	201	0	0	0
Baton Rouge, LA	1	30 x 30	60	3088	4.01	0.01	5	61914	91	3	37149	55	2	24766	36
Boise, ID	1	30 x 30	60	3325	4.01	0.01	19	253332	373	5	66666	98	0	0	0
Boston, MA	1	30 x 30	60	11277	4.01	0.01	6	271325	399	3	135662	200	0	0	0
Charlotte, NC	1	30 x 30	60	2621	4.01	0.01	8	84082	124	1	10510	15	1	10510	15
Chicago, IL	1	30 x 30	60	11918	4.01	0.01	2	95582	141	0	0	0	0	0	0
Cincinnati, OH	1	30 x 30	60	4569	4.01	0.01	11	201539	297	6	109930	162	2	36643	54
Cleveland, OH	1	30 x 30	60	6304	4.01	0.01	14	353907	521	3	75837	112	1	25279	37
Columbus, OH	1	30 x 30	60	3316	4.01	0.01	20	265943	391	14	186160	274	9	119674	176
Dallas, TX	1	30 x 30	60	3019	4.01	0.01	4	48425	71	0	0	0	0	0	0
Denver, CO	1	30 x 30	60	3260	4.01	0.01	4	52290	77	1	13073	19	0	0	0
Des Moines, IA	1	30 x 30	60	2582	4.01	0.01	19	196723	289	10	103538	152	4	41415	61
Detroit, MI	1	30 x 30	60	7064	4.01	0.01	4	113307	167	0	0	0	0	0	0
Flagstaff, AZ	1	30 x 30	60	836	4.01	0.01	35	117333	173	20	67047	99	13	43581	64
Grand Rapids, MI	1	30 x 30	60	4296	4.01	0.01	10	172270	253	6	103362	152	2	34454	51
Greenville, NC	1	30 x 30	60	2020	4.01	0.01	11	89102	131	8	64802	95	7	56701	83
Harrisburg, PA	1	30 x 30	60	6783	4.01	0.01	14	380798	560	8	217599	320	5	135999	200
Houston, TX	1	30 x 30	60	3168	4.01	0.01	9	114333	168	3	38111	56	0	0	0
Indianapolis, IN	1	30 x 30	60	2099	4.01	0.01	13	109421	161	6	50502	74	0	0	0
Jacksonville, FL	1	30 x 30	60	905	4.01	0.01	21	76210	112	7	25403	37	1	3629	5
Kansas City, KS	1	30 x 30	60	1290	4.01	0.01	15	77594	114	2	10346	15	0	0	0
La Crosse, WI	1	30 x 30	60	2754	4.01	0.01	23	254001	374	17	187740	276	9	99392	146
Las Vegas, NV	1	30 x 30	60	4399	4.01	0.01	25	441000	649	8	141120	208	0	0	0
Little Rock, AR	1	30 x 30	60	1729	4.01	0.01	17	117866	173	5	34666	51	0	0	0
Los Angeles, CA	1	30 x 30	60	7288	4.01	0.01	2	58450	86	0	0	0	0	0	0
Louisville, KY	1	30 x 30	60	4316	4.01	0.01	9	155764	229	4	69229	102	3	51921	76
Manchester, CT	1	30 x 30	60	1874	4.01	0.01	16	120236	177	8	60118	88	3	22544	33
Manchester, NH	1	30 x 30	60	2926	4.01	0.01	14	164266	242	13	152532	224	7	82133	121
Miami, FL	1	30 x 30	60	10574	4.01	0.01	11	466419	686	0	0	0	0	0	0
Midland, TX	1	30 x 30	60	1490	4.01	0.01	25	149373	220	11	65724	97	4	23900	35
Milwaukee, WI	1	30 x 30	60	6384	4.01	0.01	15	383998	565	6	153599	226	0	0	0

LOCATION	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	POPULATION (per sq. mile)	SERVING AREA (sq.miles)	INTERFERENCE AREA (sq.miles)	NUM CHANNELS WITH NO PROTECTION	TOTAL AUDIENCE REACHED	MAX POSSIBLE AUDIENCE INTERFERED	NUM CHANNELS WITH 2nd ADJ PROTECTED	TOTAL AUDIENCE REACHED	MAX POSSIBLE AUDIENCE INTERFERED	NUM CHANNELS WITH 2nd AND 3rd ADJ PROTECTED	TOTAL AUDIENCE REACHED	MAX POSSIBLE AUDIENCE INTERFERED
Minneapolis, MN	1	30 x 30	60	6385	4.01	0.01	13	332850	490	5	128019	188	2	51208	75
Mobile, AL	1	30 x 30	60	1753	4.01	0.01	18	126532	186	6	42177	62	0	0	0
Montgomery, AL	1	30 x 30	60	1469	4.01	0.01	21	123704	182	16	94251	139	8	47126	69
Nashville, TN	1	30 x 30	60	1084	4.01	0.01	20	86937	128	6	26081	38	1	4347	6
New York, NY	1	30 x 30	60	23672	4.01	0.01	0	0	0	0	0	0	0	0	0
Oklahoma City, OK	1	30 x 30	60	769	4.01	0.01	15	46255	68	7	21586	32	0	0	0
Omaha, NE	1	30 x 30	60	3478	4.01	0.01	14	195255	287	8	111574	164	3	41840	62
Orlando, FL	1	30 x 30	60	2724	4.01	0.01	7	76463	113	1	10923	16	0	0	0
Peoria, IL	1	30 x 30	60	2727	4.01	0.01	19	207770	306	12	131223	193	9	98417	145
Philadelphia, PA	1	30 x 30	60	11122	4.01	0.01	5	222996	328	0	0	0	0	0	0
Phoenix, AZ	1	30 x 30	60	2591	4.01	0.01	20	207798	306	5	51950	76	0	0	0
Pittsburgh, PA	1	30 x 30	60	6318	4.01	0.01	9	228017	335	5	126676	186	1	25335	37
Raleigh, NC	1	30 x 30	60	2804	4.01	0.01	10	112440	165	3	33732	50	1	11244	17
Richmond, VA	1	30 x 30	60	3339	4.01	0.01	28	374903	552	19	254398	374	12	160673	236
Salt Lake City, UT	1	20 x 20	60	1605	4.01	0.01	9	57924	85	1	6436	9	0	0	0
San Antonio, TX	1	30 x 30	60	3079	4.01	0.01	20	246936	363	8	98774	145	2	24694	36
San Diego, CA	1	30 x 30	60	4574	4.01	0.01	2	36683	54	0	0	0	0	0	0
San Francisco, CA	1	30 x 30	60	16034	4.01	0.01	2	128593	189	0	0	0	0	0	0
San Jose, CA	1	30 x 30	60	4912	4.01	0.01	7	137880	203	6	118183	174	2	39394	58
Santa Barbara, CA	1	20 x 20	60	4730	4.01	0.01	21	398313	586	10	189673	279	4	75869	112
Spokane, WA	1	30 x 30	60	3513	4.01	0.01	13	183133	269	5	70436	104	0	0	0
Springfield, MA	1	30 x 30	60	4560	4.01	0.01	20	365712	538	12	219427	323	8	146285	215
St. Louis, MO	1	30 x 30	60	5742	4.01	0.01	16	368407	542	5	115127	169	1	23025	34
Tucson, AZ	1	30 x 30	60	2889	4.01	0.01	22	254868	375	17	196943	290	14	162188	239
Washington, DC	1	30 x 30	60	8919	4.01	0.01	5	178826	263	0	0	0	0	0	0
Wichita, KS	1	30 x 30	60	2671	4.01	0.01	21	224925	331	9	96396	142	2	21421	32
						TOTAL:	**797**	**11,052,430**	**16,262**	**359**	**4,597,950**	**6,765**	**144**	**1,757,844**	**2,586**

Appendix D: LP100, LP10 and LP1 Simulation Results - Coverage

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
Albuquerque, NM	35-05-04	106-39-02	100	30 x 30	60	N	N	13	3.50	38.53	0.44	0.60
Albuquerque, NM	35-05-04	106-39-02	100	30 x 30	60	Y	N	4	3.50	38.53	0.44	0.60
Albuquerque, NM	35-05-04	106-39-02	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Albuquerque, NM	35-05-04	106-39-02	100	30 x 30	30	N	N	13	3.50	38.53	0.44	0.60
Albuquerque, NM	35-05-04	106-39-02	100	30 x 30	30	Y	N	4	3.50	38.53	0.44	0.60
Albuquerque, NM	35-05-04	106-39-02	100	30 x 30	15	N	N	13	3.50	38.53	0.44	0.60
Albuquerque, NM	35-05-04	106-39-02	100	30 x 30	15	Y	N	4	3.50	38.53	0.44	0.60
Albuquerque, NM	35-05-04	106-39-02	10	30 x 30	60	N	N	15	1.96	12.02	0.14	0.06
Albuquerque, NM	35-05-04	106-39-02	10	30 x 30	60	Y	N	5	1.96	12.02	0.14	0.06
Albuquerque, NM	35-05-04	106-39-02	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Albuquerque, NM	35-05-04	106-39-02	10	30 x 30	30	N	N	15	1.96	12.02	0.14	0.06
Albuquerque, NM	35-05-04	106-39-02	10	30 x 30	30	Y	N	5	1.96	12.02	0.14	0.06
Albuquerque, NM	35-05-04	106-39-02	10	30 x 30	15	N	N	15	1.96	12.02	0.14	0.06
Albuquerque, NM	35-05-04	106-39-02	10	30 x 30	15	Y	N	5	1.96	12.02	0.14	0.06
Albuquerque, NM	35-05-04	106-39-02	1	30 x 30	60	N	N	15	1.13	4.01	0.04	0.01
Albuquerque, NM	35-05-04	106-39-02	1	30 x 30	60	Y	N	5	1.13	4.01	0.04	0.01
Albuquerque, NM	35-05-04	106-39-02	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Albuquerque, NM	35-05-04	106-39-02	1	30 x 30	30	N	N	15	1.13	4.01	0.04	0.01
Albuquerque, NM	35-05-04	106-39-02	1	30 x 30	30	Y	N	5	1.13	4.01	0.04	0.01
Albuquerque, NM	35-05-04	106-39-02	1	30 x 30	15	N	N	15	1.13	4.01	0.04	0.01
Albuquerque, NM	35-05-04	106-39-02	1	30 x 30	15	Y	N	5	1.13	4.01	0.04	0.01
Atlanta, GA	33-44-56	084-23-17	100	30 x 30	60	N	N	13	3.50	38.53	0.44	0.60
Atlanta, GA	33-44-56	084-23-17	100	30 x 30	60	Y	N	5	3.50	38.53	0.44	0.60
Atlanta, GA	33-44-56	084-23-17	100	30 x 30	60	Y	Y	1	3.50	38.53	0.44	0.60
Atlanta, GA	33-44-56	084-23-17	100	30 x 30	30	N	N	13	3.50	38.53	0.44	0.60
Atlanta, GA	33-44-56	084-23-17	100	30 x 30	30	Y	N	5	3.50	38.53	0.44	0.60
Atlanta, GA	33-44-56	084-23-17	100	30 x 30	15	N	N	13	3.50	38.53	0.44	0.60
Atlanta, GA	33-44-56	084-23-17	100	30 x 30	15	Y	N	5	3.50	38.53	0.44	0.60
Atlanta, GA	33-44-56	084-23-17	10	30 x 30	60	N	N	14	1.96	12.02	0.14	0.06
Atlanta, GA	33-44-56	084-23-17	10	30 x 30	60	Y	N	5	1.96	12.02	0.14	0.06
Atlanta, GA	33-44-56	084-23-17	10	30 x 30	60	Y	Y	1	1.96	12.02	0.14	0.06
Atlanta, GA	33-44-56	084-23-17	10	30 x 30	30	N	N	14	1.96	12.02	0.14	0.06
Atlanta, GA	33-44-56	084-23-17	10	30 x 30	30	Y	N	5	1.96	12.02	0.14	0.06
Atlanta, GA	33-44-56	084-23-17	10	30 x 30	15	N	N	15	1.96	12.02	0.14	0.06
Atlanta, GA	33-44-56	084-23-17	10	30 x 30	15	Y	N	6	1.96	12.02	0.14	0.06
Atlanta, GA	33-44-56	084-23-17	1	30 x 30	60	N	N	15	1.13	4.01	0.04	0.01
Atlanta, GA	33-44-56	084-23-17	1	30 x 30	60	Y	N	6	1.13	4.01	0.04	0.01
Atlanta, GA	33-44-56	084-23-17	1	30 x 30	60	Y	Y	1	1.13	4.01	0.04	0.01
Atlanta, GA	33-44-56	084-23-17	1	30 x 30	30	N	N	16	1.13	4.01	0.04	0.01
Atlanta, GA	33-44-56	084-23-17	1	30 x 30	30	Y	N	7	1.13	4.01	0.04	0.01
Atlanta, GA	33-44-56	084-23-17	1	30 x 30	15	N	N	16	1.13	4.01	0.04	0.01
Atlanta, GA	33-44-56	084-23-17	1	30 x 30	15	Y	N	7	1.13	4.01	0.04	0.01
Baltimore, MD	39-17-25	076-36-45	100	30 x 30	60	N	N	7	3.50	38.53	0.44	0.60
Baltimore, MD	39-17-25	076-36-45	100	30 x 30	60	Y	N	4	3.50	38.53	0.44	0.60
Baltimore, MD	39-17-25	076-36-45	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Baltimore, MD	39-17-25	076-36-45	100	30 x 30	30	N	N	7	3.50	38.53	0.44	0.60
Baltimore, MD	39-17-25	076-36-45	100	30 x 30	30	Y	N	4	3.50	38.53	0.44	0.60
Baltimore, MD	39-17-25	076-36-45	100	30 x 30	15	N	N	7	3.50	38.53	0.44	0.60
Baltimore, MD	39-17-25	076-36-45	100	30 x 30	15	Y	N	4	3.50	38.53	0.44	0.60
Baltimore, MD	39-17-25	076-36-45	10	30 x 30	60	N	N	9	1.96	12.02	0.14	0.06
Baltimore, MD	39-17-25	076-36-45	10	30 x 30	60	Y	N	4	1.96	12.02	0.14	0.06
Baltimore, MD	39-17-25	076-36-45	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Baltimore, MD	39-17-25	076-36-45	10	30 x 30	30	N	N	8	1.96	12.02	0.14	0.06
Baltimore, MD	39-17-25	076-36-45	10	30 x 30	30	Y	N	4	1.96	12.02	0.14	0.06
Baltimore, MD	39-17-25	076-36-45	10	30 x 30	15	N	N	8	1.96	12.02	0.14	0.06
Baltimore, MD	39-17-25	076-36-45	10	30 x 30	15	Y	N	4	1.96	12.02	0.14	0.06
Baltimore, MD	39-17-25	076-36-45	1	30 x 30	60	N	N	9	1.13	4.01	0.04	0.01
Baltimore, MD	39-17-25	076-36-45	1	30 x 30	60	Y	N	4	1.13	4.01	0.04	0.01
Baltimore, MD	39-17-25	076-36-45	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Baltimore, MD	39-17-25	076-36-45	1	30 x 30	30	N	N	9	1.13	4.01	0.04	0.01
Baltimore, MD	39-17-25	076-36-45	1	30 x 30	30	Y	N	4	1.13	4.01	0.04	0.01
Baltimore, MD	39-17-25	076-36-45	1	30 x 30	15	N	N	9	1.13	4.01	0.04	0.01
Baltimore, MD	39-17-25	076-36-45	1	30 x 30	15	Y	N	4	1.13	4.01	0.04	0.01

Appendix D: LP100, LP10 and LP1 Simulation Results - Coverage

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
Baton Rouge, LA	30-27-02	091-09-16	100	30 x 30	60	N	N	5	3.50	38.53	0.44	0.60
Baton Rouge, LA	30-27-02	091-09-16	100	30 x 30	60	Y	N	3	3.50	38.53	0.44	0.60
Baton Rouge, LA	30-27-02	091-09-16	100	30 x 30	60	Y	Y	2	3.50	38.53	0.44	0.60
Baton Rouge, LA	30-27-02	091-09-16	100	30 x 30	30	N	N	5	3.50	38.53	0.44	0.60
Baton Rouge, LA	30-27-02	091-09-16	100	30 x 30	30	Y	N	3	3.50	38.53	0.44	0.60
Baton Rouge, LA	30-27-02	091-09-16	100	30 x 30	15	N	N	5	3.50	38.53	0.44	0.60
Baton Rouge, LA	30-27-02	091-09-16	100	30 x 30	15	Y	N	3	3.50	38.53	0.44	0.60
Baton Rouge, LA	30-27-02	091-09-16	10	30 x 30	60	N	N	5	1.96	12.02	0.14	0.06
Baton Rouge, LA	30-27-02	091-09-16	10	30 x 30	60	Y	N	3	1.96	12.02	0.14	0.06
Baton Rouge, LA	30-27-02	091-09-16	10	30 x 30	60	Y	Y	2	1.96	12.02	0.14	0.06
Baton Rouge, LA	30-27-02	091-09-16	10	30 x 30	30	N	N	5	1.96	12.02	0.14	0.06
Baton Rouge, LA	30-27-02	091-09-16	10	30 x 30	30	Y	N	3	1.96	12.02	0.14	0.06
Baton Rouge, LA	30-27-02	091-09-16	10	30 x 30	15	N	N	5	1.96	12.02	0.14	0.06
Baton Rouge, LA	30-27-02	091-09-16	10	30 x 30	15	Y	N	3	1.96	12.02	0.14	0.06
Baton Rouge, LA	30-27-02	091-09-16	1	30 x 30	60	N	N	5	1.13	4.01	0.04	0.01
Baton Rouge, LA	30-27-02	091-09-16	1	30 x 30	60	Y	N	3	1.13	4.01	0.04	0.01
Baton Rouge, LA	30-27-02	091-09-16	1	30 x 30	60	Y	Y	2	1.13	4.01	0.04	0.01
Baton Rouge, LA	30-27-02	091-09-16	1	30 x 30	30	N	N	5	1.13	4.01	0.04	0.01
Baton Rouge, LA	30-27-02	091-09-16	1	30 x 30	30	Y	N	3	1.13	4.01	0.04	0.01
Baton Rouge, LA	30-27-02	091-09-16	1	30 x 30	15	N	N	5	1.13	4.01	0.04	0.01
Baton Rouge, LA	30-27-02	091-09-16	1	30 x 30	15	Y	N	3	1.13	4.01	0.04	0.01
Boise, ID	43-36-49	116-12-09	100	30 x 30	60	N	N	18	3.50	38.53	0.44	0.60
Boise, ID	43-36-49	116-12-09	100	30 x 30	60	Y	N	5	3.50	38.53	0.44	0.60
Boise, ID	43-36-49	116-12-09	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Boise, ID	43-36-49	116-12-09	100	30 x 30	30	N	N	20	3.50	38.53	0.44	0.60
Boise, ID	43-36-49	116-12-09	100	30 x 30	30	Y	N	5	3.50	38.53	0.44	0.60
Boise, ID	43-36-49	116-12-09	100	30 x 30	15	N	N	20	3.50	38.53	0.44	0.60
Boise, ID	43-36-49	116-12-09	100	30 x 30	15	Y	N	5	3.50	38.53	0.44	0.60
Boise, ID	43-36-49	116-12-09	10	30 x 30	60	N	N	19	1.96	12.02	0.14	0.06
Boise, ID	43-36-49	116-12-09	10	30 x 30	60	Y	N	5	1.96	12.02	0.14	0.06
Boise, ID	43-36-49	116-12-09	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Boise, ID	43-36-49	116-12-09	10	30 x 30	30	N	N	21	1.96	12.02	0.14	0.06
Boise, ID	43-36-49	116-12-09	10	30 x 30	30	Y	N	5	1.96	12.02	0.14	0.06
Boise, ID	43-36-49	116-12-09	10	30 x 30	15	N	N	21	1.96	12.02	0.14	0.06
Boise, ID	43-36-49	116-12-09	10	30 x 30	15	Y	N	5	1.96	12.02	0.14	0.06
Boise, ID	43-36-49	116-12-09	1	30 x 30	60	N	N	19	1.13	4.01	0.04	0.01
Boise, ID	43-36-49	116-12-09	1	30 x 30	60	Y	N	5	1.13	4.01	0.04	0.01
Boise, ID	43-36-49	116-12-09	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Boise, ID	43-36-49	116-12-09	1	30 x 30	30	N	N	21	1.13	4.01	0.04	0.01
Boise, ID	43-36-49	116-12-09	1	30 x 30	30	Y	N	5	1.13	4.01	0.04	0.01
Boise, ID	43-36-49	116-12-09	1	30 x 30	15	N	N	21	1.13	4.01	0.04	0.01
Boise, ID	43-36-49	116-12-09	1	30 x 30	15	Y	N	5	1.13	4.01	0.04	0.01
Boston, MA	42-21-30	071-03-37	100	30 x 30	60	N	N	5	3.50	38.53	0.44	0.60
Boston, MA	42-21-30	071-03-37	100	30 x 30	60	Y	N	2	3.50	38.53	0.44	0.60
Boston, MA	42-21-30	071-03-37	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Boston, MA	42-21-30	071-03-37	100	30 x 30	30	N	N	5	3.50	38.53	0.44	0.60
Boston, MA	42-21-30	071-03-37	100	30 x 30	30	Y	N	2	3.50	38.53	0.44	0.60
Boston, MA	42-21-30	071-03-37	100	30 x 30	15	N	N	5	3.50	38.53	0.44	0.60
Boston, MA	42-21-30	071-03-37	100	30 x 30	15	Y	N	2	3.50	38.53	0.44	0.60
Boston, MA	42-21-30	071-03-37	10	30 x 30	60	N	N	6	1.96	12.02	0.14	0.06
Boston, MA	42-21-30	071-03-37	10	30 x 30	60	Y	N	2	1.96	12.02	0.14	0.06
Boston, MA	42-21-30	071-03-37	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Boston, MA	42-21-30	071-03-37	10	30 x 30	30	N	N	5	1.96	12.02	0.14	0.06
Boston, MA	42-21-30	071-03-37	10	30 x 30	30	Y	N	2	1.96	12.02	0.14	0.06
Boston, MA	42-21-30	071-03-37	10	30 x 30	15	N	N	5	1.96	12.02	0.14	0.06
Boston, MA	42-21-30	071-03-37	10	30 x 30	15	Y	N	2	1.96	12.02	0.14	0.06
Boston, MA	42-21-30	071-03-37	1	30 x 30	60	N	N	6	1.13	4.01	0.04	0.01
Boston, MA	42-21-30	071-03-37	1	30 x 30	60	Y	N	3	1.13	4.01	0.04	0.01
Boston, MA	42-21-30	071-03-37	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Boston, MA	42-21-30	071-03-37	1	30 x 30	30	N	N	6	1.13	4.01	0.04	0.01
Boston, MA	42-21-30	071-03-37	1	30 x 30	30	Y	N	3	1.13	4.01	0.04	0.01
Boston, MA	42-21-30	071-03-37	1	30 x 30	15	N	N	6	1.13	4.01	0.04	0.01
Boston, MA	42-21-30	071-03-37	1	30 x 30	15	Y	N	3	1.13	4.01	0.04	0.01

Appendix D: LP100, LP10 and LP1 Simulation Results - Coverage

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
Charlotte, NC	35-13-37	080-50-36	100	30 x 30	60	N	N	6	3.50	38.53	0.44	0.60
Charlotte, NC	35-13-37	080-50-36	100	30 x 30	60	Y	N	0	3.50	38.53	0.44	0.60
Charlotte, NC	35-13-37	080-50-36	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Charlotte, NC	35-13-37	080-50-36	100	30 x 30	30	N	N	7	3.50	38.53	0.44	0.60
Charlotte, NC	35-13-37	080-50-36	100	30 x 30	30	Y	N	0	3.50	38.53	0.44	0.60
Charlotte, NC	35-13-37	080-50-36	100	30 x 30	15	N	N	7	3.50	38.53	0.44	0.60
Charlotte, NC	35-13-37	080-50-36	100	30 x 30	15	Y	N	0	3.50	38.53	0.44	0.60
Charlotte, NC	35-13-37	080-50-36	10	30 x 30	60	N	N	8	1.96	12.02	0.14	0.06
Charlotte, NC	35-13-37	080-50-36	10	30 x 30	60	Y	N	1	1.96	12.02	0.14	0.06
Charlotte, NC	35-13-37	080-50-36	10	30 x 30	60	Y	Y	1	1.96	12.02	0.14	0.06
Charlotte, NC	35-13-37	080-50-36	10	30 x 30	30	N	N	8	1.96	12.02	0.14	0.06
Charlotte, NC	35-13-37	080-50-36	10	30 x 30	30	Y	N	1	1.96	12.02	0.14	0.06
Charlotte, NC	35-13-37	080-50-36	10	30 x 30	15	N	N	8	1.96	12.02	0.14	0.06
Charlotte, NC	35-13-37	080-50-36	10	30 x 30	15	Y	N	1	1.96	12.02	0.14	0.06
Charlotte, NC	35-13-37	080-50-36	1	30 x 30	60	N	N	8	1.13	4.01	0.04	0.01
Charlotte, NC	35-13-37	080-50-36	1	30 x 30	60	Y	N	1	1.13	4.01	0.04	0.01
Charlotte, NC	35-13-37	080-50-36	1	30 x 30	60	Y	Y	1	1.13	4.01	0.04	0.01
Charlotte, NC	35-13-37	080-50-36	1	30 x 30	30	N	N	8	1.13	4.01	0.04	0.01
Charlotte, NC	35-13-37	080-50-36	1	30 x 30	30	Y	N	1	1.13	4.01	0.04	0.01
Charlotte, NC	35-13-37	080-50-36	1	30 x 30	15	N	N	8	1.13	4.01	0.04	0.01
Charlotte, NC	35-13-37	080-50-36	1	30 x 30	15	Y	N	1	1.13	4.01	0.04	0.01
Chicago, IL	41-51-00	087-39-00	100	30 x 30	60	N	N	2	3.50	38.53	0.44	0.60
Chicago, IL	41-51-00	087-39-00	100	30 x 30	60	Y	N	0	3.50	38.53	0.44	0.60
Chicago, IL	41-51-00	087-39-00	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Chicago, IL	41-51-00	087-39-00	100	30 x 30	30	N	N	2	3.50	38.53	0.44	0.60
Chicago, IL	41-51-00	087-39-00	100	30 x 30	30	Y	N	0	3.50	38.53	0.44	0.60
Chicago, IL	41-51-00	087-39-00	100	30 x 30	15	N	N	2	3.50	38.53	0.44	0.60
Chicago, IL	41-51-00	087-39-00	100	30 x 30	15	Y	N	0	3.50	38.53	0.44	0.60
Chicago, IL	41-51-00	087-39-00	10	30 x 30	60	N	N	2	1.96	12.02	0.14	0.06
Chicago, IL	41-51-00	087-39-00	10	30 x 30	60	Y	N	0	1.96	12.02	0.14	0.06
Chicago, IL	41-51-00	087-39-00	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Chicago, IL	41-51-00	087-39-00	10	30 x 30	30	N	N	2	1.96	12.02	0.14	0.06
Chicago, IL	41-51-00	087-39-00	10	30 x 30	30	Y	N	0	1.96	12.02	0.14	0.06
Chicago, IL	41-51-00	087-39-00	10	30 x 30	15	N	N	2	1.96	12.02	0.14	0.06
Chicago, IL	41-51-00	087-39-00	10	30 x 30	15	Y	N	0	1.96	12.02	0.14	0.06
Chicago, IL	41-51-00	087-39-00	1	30 x 30	60	N	N	2	1.13	4.01	0.04	0.01
Chicago, IL	41-51-00	087-39-00	1	30 x 30	60	Y	N	0	1.13	4.01	0.04	0.01
Chicago, IL	41-51-00	087-39-00	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Chicago, IL	41-51-00	087-39-00	1	30 x 30	30	N	N	2	1.13	4.01	0.04	0.01
Chicago, IL	41-51-00	087-39-00	1	30 x 30	30	Y	N	0	1.13	4.01	0.04	0.01
Chicago, IL	41-51-00	087-39-00	1	30 x 30	15	N	N	2	1.13	4.01	0.04	0.01
Chicago, IL	41-51-00	087-39-00	1	30 x 30	15	Y	N	0	1.13	4.01	0.04	0.01
Cincinnati, OH	39-09-43	084-27-25	100	30 x 30	60	N	N	9	3.50	38.53	0.44	0.60
Cincinnati, OH	39-09-43	084-27-25	100	30 x 30	60	Y	N	5	3.50	38.53	0.44	0.60
Cincinnati, OH	39-09-43	084-27-25	100	30 x 30	60	Y	Y	2	3.50	38.53	0.44	0.60
Cincinnati, OH	39-09-43	084-27-25	100	30 x 30	30	N	N	9	3.50	38.53	0.44	0.60
Cincinnati, OH	39-09-43	084-27-25	100	30 x 30	30	Y	N	5	3.50	38.53	0.44	0.60
Cincinnati, OH	39-09-43	084-27-25	100	30 x 30	15	N	N	9	3.50	38.53	0.44	0.60
Cincinnati, OH	39-09-43	084-27-25	100	30 x 30	15	Y	N	5	3.50	38.53	0.44	0.60
Cincinnati, OH	39-09-43	084-27-25	10	30 x 30	60	N	N	11	1.96	12.02	0.14	0.06
Cincinnati, OH	39-09-43	084-27-25	10	30 x 30	60	Y	N	6	1.96	12.02	0.14	0.06
Cincinnati, OH	39-09-43	084-27-25	10	30 x 30	60	Y	Y	2	1.96	12.02	0.14	0.06
Cincinnati, OH	39-09-43	084-27-25	10	30 x 30	30	N	N	11	1.96	12.02	0.14	0.06
Cincinnati, OH	39-09-43	084-27-25	10	30 x 30	30	Y	N	6	1.96	12.02	0.14	0.06
Cincinnati, OH	39-09-43	084-27-25	10	30 x 30	15	N	N	11	1.96	12.02	0.14	0.06
Cincinnati, OH	39-09-43	084-27-25	10	30 x 30	15	Y	N	6	1.96	12.02	0.14	0.06
Cincinnati, OH	39-09-43	084-27-25	1	30 x 30	60	N	N	11	1.13	4.01	0.04	0.01
Cincinnati, OH	39-09-43	084-27-25	1	30 x 30	60	Y	N	6	1.13	4.01	0.04	0.01
Cincinnati, OH	39-09-43	084-27-25	1	30 x 30	60	Y	Y	2	1.13	4.01	0.04	0.01
Cincinnati, OH	39-09-43	084-27-25	1	30 x 30	30	N	N	12	1.13	4.01	0.04	0.01
Cincinnati, OH	39-09-43	084-27-25	1	30 x 30	30	Y	N	6	1.13	4.01	0.04	0.01
Cincinnati, OH	39-09-43	084-27-25	1	30 x 30	15	N	N	12	1.13	4.01	0.04	0.01
Cincinnati, OH	39-09-43	084-27-25	1	30 x 30	15	Y	N	6	1.13	4.01	0.04	0.01

Appendix D: LP100, LP10 and LP1 Simulation Results - Coverage

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
Cleveland, OH	41-29-58	081-41-44	100	30 x 30	60	N	N	14	3.50	38.53	0.44	0.60
Cleveland, OH	41-29-58	081-41-44	100	30 x 30	60	Y	N	2	3.50	38.53	0.44	0.60
Cleveland, OH	41-29-58	081-41-44	100	30 x 30	60	Y	Y	1	3.50	38.53	0.44	0.60
Cleveland, OH	41-29-58	081-41-44	100	30 x 30	30	N	N	14	3.50	38.53	0.44	0.60
Cleveland, OH	41-29-58	081-41-44	100	30 x 30	30	Y	N	2	3.50	38.53	0.44	0.60
Cleveland, OH	41-29-58	081-41-44	100	30 x 30	15	N	N	14	3.50	38.53	0.44	0.60
Cleveland, OH	41-29-58	081-41-44	100	30 x 30	15	Y	N	2	3.50	38.53	0.44	0.60
Cleveland, OH	41-29-58	081-41-44	10	30 x 30	60	N	N	14	1.96	12.02	0.14	0.06
Cleveland, OH	41-29-58	081-41-44	10	30 x 30	60	Y	N	2	1.96	12.02	0.14	0.06
Cleveland, OH	41-29-58	081-41-44	10	30 x 30	60	Y	Y	1	1.96	12.02	0.14	0.06
Cleveland, OH	41-29-58	081-41-44	10	30 x 30	30	N	N	14	1.96	12.02	0.14	0.06
Cleveland, OH	41-29-58	081-41-44	10	30 x 30	30	Y	N	2	1.96	12.02	0.14	0.06
Cleveland, OH	41-29-58	081-41-44	10	30 x 30	15	N	N	14	1.96	12.02	0.14	0.06
Cleveland, OH	41-29-58	081-41-44	10	30 x 30	15	Y	N	2	1.96	12.02	0.14	0.06
Cleveland, OH	41-29-58	081-41-44	1	30 x 30	60	N	N	14	1.13	4.01	0.04	0.01
Cleveland, OH	41-29-58	081-41-44	1	30 x 30	60	Y	N	3	1.13	4.01	0.04	0.01
Cleveland, OH	41-29-58	081-41-44	1	30 x 30	60	Y	Y	1	1.13	4.01	0.04	0.01
Cleveland, OH	41-29-58	081-41-44	1	30 x 30	30	N	N	14	1.13	4.01	0.04	0.01
Cleveland, OH	41-29-58	081-41-44	1	30 x 30	30	Y	N	3	1.13	4.01	0.04	0.01
Cleveland, OH	41-29-58	081-41-44	1	30 x 30	15	N	N	14	1.13	4.01	0.04	0.01
Cleveland, OH	41-29-58	081-41-44	1	30 x 30	15	Y	N	3	1.13	4.01	0.04	0.01
Columbus, OH	39-57-40	082-59-56	100	30 x 30	60	N	N	18	3.50	38.53	0.44	0.60
Columbus, OH	39-57-40	082-59-56	100	30 x 30	60	Y	N	11	3.50	38.53	0.44	0.60
Columbus, OH	39-57-40	082-59-56	100	30 x 30	60	Y	Y	7	3.50	38.53	0.44	0.60
Columbus, OH	39-57-40	082-59-56	100	30 x 30	30	N	N	18	3.50	38.53	0.44	0.60
Columbus, OH	39-57-40	082-59-56	100	30 x 30	30	Y	N	11	3.50	38.53	0.44	0.60
Columbus, OH	39-57-40	082-59-56	100	30 x 30	15	N	N	18	3.50	38.53	0.44	0.60
Columbus, OH	39-57-40	082-59-56	100	30 x 30	15	Y	N	11	3.50	38.53	0.44	0.60
Columbus, OH	39-57-40	082-59-56	10	30 x 30	60	N	N	19	1.96	12.02	0.14	0.06
Columbus, OH	39-57-40	082-59-56	10	30 x 30	60	Y	N	13	1.96	12.02	0.14	0.06
Columbus, OH	39-57-40	082-59-56	10	30 x 30	60	Y	Y	8	1.96	12.02	0.14	0.06
Columbus, OH	39-57-40	082-59-56	10	30 x 30	30	N	N	19	1.96	12.02	0.14	0.06
Columbus, OH	39-57-40	082-59-56	10	30 x 30	30	Y	N	13	1.96	12.02	0.14	0.06
Columbus, OH	39-57-40	082-59-56	10	30 x 30	15	N	N	19	1.96	12.02	0.14	0.06
Columbus, OH	39-57-40	082-59-56	10	30 x 30	15	Y	N	13	1.96	12.02	0.14	0.06
Columbus, OH	39-57-40	082-59-56	1	30 x 30	60	N	N	20	1.13	4.01	0.04	0.01
Columbus, OH	39-57-40	082-59-56	1	30 x 30	60	Y	N	14	1.13	4.01	0.04	0.01
Columbus, OH	39-57-40	082-59-56	1	30 x 30	60	Y	Y	9	1.13	4.01	0.04	0.01
Columbus, OH	39-57-40	082-59-56	1	30 x 30	30	N	N	21	1.13	4.01	0.04	0.01
Columbus, OH	39-57-40	082-59-56	1	30 x 30	30	Y	N	15	1.13	4.01	0.04	0.01
Columbus, OH	39-57-40	082-59-56	1	30 x 30	15	N	N	21	1.13	4.01	0.04	0.01
Columbus, OH	39-57-40	082-59-56	1	30 x 30	15	Y	N	16	1.13	4.01	0.04	0.01
Dallas, TX	32-46-53	096-47-34	100	30 x 30	60	N	N	2	3.50	38.53	0.44	0.60
Dallas, TX	32-46-53	096-47-34	100	30 x 30	60	Y	N	0	3.50	38.53	0.44	0.60
Dallas, TX	32-46-53	096-47-34	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Dallas, TX	32-46-53	096-47-34	100	30 x 30	30	N	N	2	3.50	38.53	0.44	0.60
Dallas, TX	32-46-53	096-47-34	100	30 x 30	30	Y	N	0	3.50	38.53	0.44	0.60
Dallas, TX	32-46-53	096-47-34	100	30 x 30	15	N	N	2	3.50	38.53	0.44	0.60
Dallas, TX	32-46-53	096-47-34	100	30 x 30	15	Y	N	0	3.50	38.53	0.44	0.60
Dallas, TX	32-46-53	096-47-34	10	30 x 30	60	N	N	3	1.96	12.02	0.14	0.06
Dallas, TX	32-46-53	096-47-34	10	30 x 30	60	Y	N	0	1.96	12.02	0.14	0.06
Dallas, TX	32-46-53	096-47-34	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Dallas, TX	32-46-53	096-47-34	10	30 x 30	30	N	N	3	1.96	12.02	0.14	0.06
Dallas, TX	32-46-53	096-47-34	10	30 x 30	30	Y	N	0	1.96	12.02	0.14	0.06
Dallas, TX	32-46-53	096-47-34	10	30 x 30	15	N	N	3	1.96	12.02	0.14	0.06
Dallas, TX	32-46-53	096-47-34	10	30 x 30	15	Y	N	0	1.96	12.02	0.14	0.06
Dallas, TX	32-46-53	096-47-34	1	30 x 30	60	N	N	4	1.13	4.01	0.04	0.01
Dallas, TX	32-46-53	096-47-34	1	30 x 30	60	Y	N	0	1.13	4.01	0.04	0.01
Dallas, TX	32-46-53	096-47-34	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Dallas, TX	32-46-53	096-47-34	1	30 x 30	30	N	N	4	1.13	4.01	0.04	0.01
Dallas, TX	32-46-53	096-47-34	1	30 x 30	30	Y	N	0	1.13	4.01	0.04	0.01
Dallas, TX	32-46-53	096-47-34	1	30 x 30	15	N	N	4	1.13	4.01	0.04	0.01
Dallas, TX	32-46-53	096-47-34	1	30 x 30	15	Y	N	0	1.13	4.01	0.04	0.01

Appendix D: LP100, LP10 and LP1 Simulation Results - Coverage

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
Denver, CO	39-44-21	104-59-03	100	30 x 30	60	N	N	3	3.50	38.53	0.44	0.60
Denver, CO	39-44-21	104-59-03	100	30 x 30	60	Y	N	1	3.50	38.53	0.44	0.60
Denver, CO	39-44-21	104-59-03	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Denver, CO	39-44-21	104-59-03	100	30 x 30	30	N	N	3	3.50	38.53	0.44	0.60
Denver, CO	39-44-21	104-59-03	100	30 x 30	30	Y	N	1	3.50	38.53	0.44	0.60
Denver, CO	39-44-21	104-59-03	100	30 x 30	15	N	N	3	3.50	38.53	0.44	0.60
Denver, CO	39-44-21	104-59-03	100	30 x 30	15	Y	N	1	3.50	38.53	0.44	0.60
Denver, CO	39-44-21	104-59-03	10	30 x 30	60	N	N	3	1.96	12.02	0.14	0.06
Denver, CO	39-44-21	104-59-03	10	30 x 30	60	Y	N	1	1.96	12.02	0.14	0.06
Denver, CO	39-44-21	104-59-03	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Denver, CO	39-44-21	104-59-03	10	30 x 30	30	N	N	4	1.96	12.02	0.14	0.06
Denver, CO	39-44-21	104-59-03	10	30 x 30	30	Y	N	1	1.96	12.02	0.14	0.06
Denver, CO	39-44-21	104-59-03	10	30 x 30	15	N	N	4	1.96	12.02	0.14	0.06
Denver, CO	39-44-21	104-59-03	10	30 x 30	15	Y	N	1	1.96	12.02	0.14	0.06
Denver, CO	39-44-21	104-59-03	1	30 x 30	60	N	N	4	1.13	4.01	0.04	0.01
Denver, CO	39-44-21	104-59-03	1	30 x 30	60	Y	N	1	1.13	4.01	0.04	0.01
Denver, CO	39-44-21	104-59-03	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Denver, CO	39-44-21	104-59-03	1	30 x 30	30	N	N	7	1.13	4.01	0.04	0.01
Denver, CO	39-44-21	104-59-03	1	30 x 30	30	Y	N	3	1.13	4.01	0.04	0.01
Denver, CO	39-44-21	104-59-03	1	30 x 30	15	N	N	7	1.13	4.01	0.04	0.01
Denver, CO	39-44-21	104-59-03	1	30 x 30	15	Y	N	3	1.13	4.01	0.04	0.01
Des Moines, IA	41-36-02	093-36-32	100	30 x 30	60	N	N	16	3.50	38.53	0.44	0.60
Des Moines, IA	41-36-02	093-36-32	100	30 x 30	60	Y	N	8	3.50	38.53	0.44	0.60
Des Moines, IA	41-36-02	093-36-32	100	30 x 30	60	Y	Y	2	3.50	38.53	0.44	0.60
Des Moines, IA	41-36-02	093-36-32	100	30 x 30	30	N	N	16	3.50	38.53	0.44	0.60
Des Moines, IA	41-36-02	093-36-32	100	30 x 30	30	Y	N	8	3.50	38.53	0.44	0.60
Des Moines, IA	41-36-02	093-36-32	100	30 x 30	15	N	N	16	3.50	38.53	0.44	0.60
Des Moines, IA	41-36-02	093-36-32	100	30 x 30	15	Y	N	8	3.50	38.53	0.44	0.60
Des Moines, IA	41-36-02	093-36-32	10	30 x 30	60	N	N	19	1.96	12.02	0.14	0.06
Des Moines, IA	41-36-02	093-36-32	10	30 x 30	60	Y	N	10	1.96	12.02	0.14	0.06
Des Moines, IA	41-36-02	093-36-32	10	30 x 30	60	Y	Y	4	1.96	12.02	0.14	0.06
Des Moines, IA	41-36-02	093-36-32	10	30 x 30	30	N	N	19	1.96	12.02	0.14	0.06
Des Moines, IA	41-36-02	093-36-32	10	30 x 30	30	Y	N	10	1.96	12.02	0.14	0.06
Des Moines, IA	41-36-02	093-36-32	10	30 x 30	15	N	N	19	1.96	12.02	0.14	0.06
Des Moines, IA	41-36-02	093-36-32	10	30 x 30	15	Y	N	10	1.96	12.02	0.14	0.06
Des Moines, IA	41-36-02	093-36-32	1	30 x 30	60	N	N	19	1.13	4.01	0.04	0.01
Des Moines, IA	41-36-02	093-36-32	1	30 x 30	60	Y	N	10	1.13	4.01	0.04	0.01
Des Moines, IA	41-36-02	093-36-32	1	30 x 30	60	Y	Y	4	1.13	4.01	0.04	0.01
Des Moines, IA	41-36-02	093-36-32	1	30 x 30	30	N	N	19	1.13	4.01	0.04	0.01
Des Moines, IA	41-36-02	093-36-32	1	30 x 30	30	Y	N	10	1.13	4.01	0.04	0.01
Des Moines, IA	41-36-02	093-36-32	1	30 x 30	15	N	N	20	1.13	4.01	0.04	0.01
Des Moines, IA	41-36-02	093-36-32	1	30 x 30	15	Y	N	10	1.13	4.01	0.04	0.01
Detroit, MI	42-20-32	083-03-39	100	30 x 30	60	N	N	4	3.50	38.53	0.44	0.60
Detroit, MI	42-20-32	083-03-39	100	30 x 30	60	Y	N	0	3.50	38.53	0.44	0.60
Detroit, MI	42-20-32	083-03-39	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Detroit, MI	42-20-32	083-03-39	100	30 x 30	30	N	N	4	3.50	38.53	0.44	0.60
Detroit, MI	42-20-32	083-03-39	100	30 x 30	30	Y	N	0	3.50	38.53	0.44	0.60
Detroit, MI	42-20-32	083-03-39	100	30 x 30	15	N	N	4	3.50	38.53	0.44	0.60
Detroit, MI	42-20-32	083-03-39	100	30 x 30	15	Y	N	0	3.50	38.53	0.44	0.60
Detroit, MI	42-20-32	083-03-39	10	30 x 30	60	N	N	4	1.96	12.02	0.14	0.06
Detroit, MI	42-20-32	083-03-39	10	30 x 30	60	Y	N	0	1.96	12.02	0.14	0.06
Detroit, MI	42-20-32	083-03-39	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Detroit, MI	42-20-32	083-03-39	10	30 x 30	30	N	N	4	1.96	12.02	0.14	0.06
Detroit, MI	42-20-32	083-03-39	10	30 x 30	30	Y	N	0	1.96	12.02	0.14	0.06
Detroit, MI	42-20-32	083-03-39	10	30 x 30	15	N	N	4	1.96	12.02	0.14	0.06
Detroit, MI	42-20-32	083-03-39	10	30 x 30	15	Y	N	0	1.96	12.02	0.14	0.06
Detroit, MI	42-20-32	083-03-39	1	30 x 30	60	N	N	4	1.13	4.01	0.04	0.01
Detroit, MI	42-20-32	083-03-39	1	30 x 30	60	Y	N	0	1.13	4.01	0.04	0.01
Detroit, MI	42-20-32	083-03-39	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Detroit, MI	42-20-32	083-03-39	1	30 x 30	30	N	N	4	1.13	4.01	0.04	0.01
Detroit, MI	42-20-32	083-03-39	1	30 x 30	30	Y	N	0	1.13	4.01	0.04	0.01
Detroit, MI	42-20-32	083-03-39	1	30 x 30	15	N	N	4	1.13	4.01	0.04	0.01
Detroit, MI	42-20-32	083-03-39	1	30 x 30	15	Y	N	0	1.13	4.01	0.04	0.01

Appendix D: LP100, LP10 and LP1 Simulation Results - Coverage

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
Flagstaff, AZ	35-11-53	111-39-02	100	30 x 30	60	N	N	29	3.50	38.53	0.44	0.60
Flagstaff, AZ	35-11-53	111-39-02	100	30 x 30	60	Y	N	14	3.50	38.53	0.44	0.60
Flagstaff, AZ	35-11-53	111-39-02	100	30 x 30	60	Y	Y	7	3.50	38.53	0.44	0.60
Flagstaff, AZ	35-11-53	111-39-02	100	30 x 30	30	N	N	29	3.50	38.53	0.44	0.60
Flagstaff, AZ	35-11-53	111-39-02	100	30 x 30	30	Y	N	14	3.50	38.53	0.44	0.60
Flagstaff, AZ	35-11-53	111-39-02	100	30 x 30	15	N	N	29	3.50	38.53	0.44	0.60
Flagstaff, AZ	35-11-53	111-39-02	100	30 x 30	15	Y	N	14	3.50	38.53	0.44	0.60
Flagstaff, AZ	35-11-53	111-39-02	10	30 x 30	60	N	N	34	1.96	12.02	0.14	0.06
Flagstaff, AZ	35-11-53	111-39-02	10	30 x 30	60	Y	N	18	1.96	12.02	0.14	0.06
Flagstaff, AZ	35-11-53	111-39-02	10	30 x 30	60	Y	Y	11	1.96	12.02	0.14	0.06
Flagstaff, AZ	35-11-53	111-39-02	10	30 x 30	30	N	N	34	1.96	12.02	0.14	0.06
Flagstaff, AZ	35-11-53	111-39-02	10	30 x 30	30	Y	N	18	1.96	12.02	0.14	0.06
Flagstaff, AZ	35-11-53	111-39-02	10	30 x 30	15	N	N	34	1.96	12.02	0.14	0.06
Flagstaff, AZ	35-11-53	111-39-02	10	30 x 30	15	Y	N	18	1.96	12.02	0.14	0.06
Flagstaff, AZ	35-11-53	111-39-02	1	30 x 30	60	N	N	35	1.13	4.01	0.04	0.01
Flagstaff, AZ	35-11-53	111-39-02	1	30 x 30	60	Y	N	20	1.13	4.01	0.04	0.01
Flagstaff, AZ	35-11-53	111-39-02	1	30 x 30	60	Y	Y	13	1.13	4.01	0.04	0.01
Flagstaff, AZ	35-11-53	111-39-02	1	30 x 30	30	N	N	35	1.13	4.01	0.04	0.01
Flagstaff, AZ	35-11-53	111-39-02	1	30 x 30	30	Y	N	20	1.13	4.01	0.04	0.01
Flagstaff, AZ	35-11-53	111-39-02	1	30 x 30	15	N	N	35	1.13	4.01	0.04	0.01
Flagstaff, AZ	35-11-53	111-39-02	1	30 x 30	15	Y	N	20	1.13	4.01	0.04	0.01
Grand Rapids, MI	42-58-18	085-40-08	100	30 x 30	60	N	N	10	3.50	38.53	0.44	0.60
Grand Rapids, MI	42-58-18	085-40-08	100	30 x 30	60	Y	N	5	3.50	38.53	0.44	0.60
Grand Rapids, MI	42-58-18	085-40-08	100	30 x 30	60	Y	Y	1	3.50	38.53	0.44	0.60
Grand Rapids, MI	42-58-18	085-40-08	100	30 x 30	30	N	N	10	3.50	38.53	0.44	0.60
Grand Rapids, MI	42-58-18	085-40-08	100	30 x 30	30	Y	N	5	3.50	38.53	0.44	0.60
Grand Rapids, MI	42-58-18	085-40-08	100	30 x 30	15	N	N	10	3.50	38.53	0.44	0.60
Grand Rapids, MI	42-58-18	085-40-08	100	30 x 30	15	Y	N	5	3.50	38.53	0.44	0.60
Grand Rapids, MI	42-58-18	085-40-08	10	30 x 30	60	N	N	10	1.96	12.02	0.14	0.06
Grand Rapids, MI	42-58-18	085-40-08	10	30 x 30	60	Y	N	5	1.96	12.02	0.14	0.06
Grand Rapids, MI	42-58-18	085-40-08	10	30 x 30	60	Y	Y	1	1.96	12.02	0.14	0.06
Grand Rapids, MI	42-58-18	085-40-08	10	30 x 30	30	N	N	10	1.96	12.02	0.14	0.06
Grand Rapids, MI	42-58-18	085-40-08	10	30 x 30	30	Y	N	5	1.96	12.02	0.14	0.06
Grand Rapids, MI	42-58-18	085-40-08	10	30 x 30	15	N	N	10	1.96	12.02	0.14	0.06
Grand Rapids, MI	42-58-18	085-40-08	10	30 x 30	15	Y	N	5	1.96	12.02	0.14	0.06
Grand Rapids, MI	42-58-18	085-40-08	1	30 x 30	60	N	N	10	1.13	4.01	0.04	0.01
Grand Rapids, MI	42-58-18	085-40-08	1	30 x 30	60	Y	N	6	1.13	4.01	0.04	0.01
Grand Rapids, MI	42-58-18	085-40-08	1	30 x 30	60	Y	Y	2	1.13	4.01	0.04	0.01
Grand Rapids, MI	42-58-18	085-40-08	1	30 x 30	30	N	N	10	1.13	4.01	0.04	0.01
Grand Rapids, MI	42-58-18	085-40-08	1	30 x 30	30	Y	N	6	1.13	4.01	0.04	0.01
Grand Rapids, MI	42-58-18	085-40-08	1	30 x 30	15	N	N	10	1.13	4.01	0.04	0.01
Grand Rapids, MI	42-58-18	085-40-08	1	30 x 30	15	Y	N	6	1.13	4.01	0.04	0.01
Greenville, NC	35-36-40	077-22-23	100	30 x 30	60	N	N	10	3.50	38.53	0.44	0.60
Greenville, NC	35-36-40	077-22-23	100	30 x 30	60	Y	N	7	3.50	38.53	0.44	0.60
Greenville, NC	35-36-40	077-22-23	100	30 x 30	60	Y	Y	5	3.50	38.53	0.44	0.60
Greenville, NC	35-36-40	077-22-23	100	30 x 30	30	N	N	10	3.50	38.53	0.44	0.60
Greenville, NC	35-36-40	077-22-23	100	30 x 30	30	Y	N	7	3.50	38.53	0.44	0.60
Greenville, NC	35-36-40	077-22-23	100	30 x 30	15	N	N	10	3.50	38.53	0.44	0.60
Greenville, NC	35-36-40	077-22-23	100	30 x 30	15	Y	N	7	3.50	38.53	0.44	0.60
Greenville, NC	35-36-40	077-22-23	10	30 x 30	60	N	N	11	1.96	12.02	0.14	0.06
Greenville, NC	35-36-40	077-22-23	10	30 x 30	60	Y	N	8	1.96	12.02	0.14	0.06
Greenville, NC	35-36-40	077-22-23	10	30 x 30	60	Y	Y	6	1.96	12.02	0.14	0.06
Greenville, NC	35-36-40	077-22-23	10	30 x 30	30	N	N	11	1.96	12.02	0.14	0.06
Greenville, NC	35-36-40	077-22-23	10	30 x 30	30	Y	N	8	1.96	12.02	0.14	0.06
Greenville, NC	35-36-40	077-22-23	10	30 x 30	15	N	N	11	1.96	12.02	0.14	0.06
Greenville, NC	35-36-40	077-22-23	10	30 x 30	15	Y	N	8	1.96	12.02	0.14	0.06
Greenville, NC	35-36-40	077-22-23	1	30 x 30	60	N	N	11	1.13	4.01	0.04	0.01
Greenville, NC	35-36-40	077-22-23	1	30 x 30	60	Y	N	8	1.13	4.01	0.04	0.01
Greenville, NC	35-36-40	077-22-23	1	30 x 30	60	Y	Y	7	1.13	4.01	0.04	0.01
Greenville, NC	35-36-40	077-22-23	1	30 x 30	30	N	N	11	1.13	4.01	0.04	0.01
Greenville, NC	35-36-40	077-22-23	1	30 x 30	30	Y	N	8	1.13	4.01	0.04	0.01
Greenville, NC	35-36-40	077-22-23	1	30 x 30	15	N	N	11	1.13	4.01	0.04	0.01
Greenville, NC	35-36-40	077-22-23	1	30 x 30	15	Y	N	8	1.13	4.01	0.04	0.01

Appendix D: LP100, LP10 and LP1 Simulation Results - Coverage

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
Harrisburg, PA	40-16-25	076-53-05	100	30 x 30	60	N	N	10	3.50	38.53	0.44	0.60
Harrisburg, PA	40-16-25	076-53-05	100	30 x 30	60	Y	N	4	3.50	38.53	0.44	0.60
Harrisburg, PA	40-16-25	076-53-05	100	30 x 30	60	Y	Y	3	3.50	38.53	0.44	0.60
Harrisburg, PA	40-16-25	076-53-05	100	30 x 30	30	N	N	10	3.50	38.53	0.44	0.60
Harrisburg, PA	40-16-25	076-53-05	100	30 x 30	30	Y	N	4	3.50	38.53	0.44	0.60
Harrisburg, PA	40-16-25	076-53-05	100	30 x 30	15	N	N	10	3.50	38.53	0.44	0.60
Harrisburg, PA	40-16-25	076-53-05	100	30 x 30	15	Y	N	4	3.50	38.53	0.44	0.60
Harrisburg, PA	40-16-25	076-53-05	10	30 x 30	60	N	N	13	1.96	12.02	0.14	0.06
Harrisburg, PA	40-16-25	076-53-05	10	30 x 30	60	Y	N	6	1.96	12.02	0.14	0.06
Harrisburg, PA	40-16-25	076-53-05	10	30 x 30	60	Y	Y	4	1.96	12.02	0.14	0.06
Harrisburg, PA	40-16-25	076-53-05	10	30 x 30	30	N	N	13	1.96	12.02	0.14	0.06
Harrisburg, PA	40-16-25	076-53-05	10	30 x 30	30	Y	N	6	1.96	12.02	0.14	0.06
Harrisburg, PA	40-16-25	076-53-05	10	30 x 30	15	N	N	13	1.96	12.02	0.14	0.06
Harrisburg, PA	40-16-25	076-53-05	10	30 x 30	15	Y	N	6	1.96	12.02	0.14	0.06
Harrisburg, PA	40-16-25	076-53-05	1	30 x 30	60	N	N	14	1.13	4.01	0.04	0.01
Harrisburg, PA	40-16-25	076-53-05	1	30 x 30	60	Y	N	8	1.13	4.01	0.04	0.01
Harrisburg, PA	40-16-25	076-53-05	1	30 x 30	60	Y	Y	5	1.13	4.01	0.04	0.01
Harrisburg, PA	40-16-25	076-53-05	1	30 x 30	30	N	N	14	1.13	4.01	0.04	0.01
Harrisburg, PA	40-16-25	076-53-05	1	30 x 30	30	Y	N	8	1.13	4.01	0.04	0.01
Harrisburg, PA	40-16-25	076-53-05	1	30 x 30	15	N	N	14	1.13	4.01	0.04	0.01
Harrisburg, PA	40-16-25	076-53-05	1	30 x 30	15	Y	N	8	1.13	4.01	0.04	0.01
Houston, TX	29-45-47	095-21-47	100	30 x 30	60	N	N	6	3.50	38.53	0.44	0.60
Houston, TX	29-45-47	095-21-47	100	30 x 30	60	Y	N	1	3.50	38.53	0.44	0.60
Houston, TX	29-45-47	095-21-47	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Houston, TX	29-45-47	095-21-47	100	30 x 30	30	N	N	6	3.50	38.53	0.44	0.60
Houston, TX	29-45-47	095-21-47	100	30 x 30	30	Y	N	1	3.50	38.53	0.44	0.60
Houston, TX	29-45-47	095-21-47	100	30 x 30	15	N	N	6	3.50	38.53	0.44	0.60
Houston, TX	29-45-47	095-21-47	100	30 x 30	15	Y	N	1	3.50	38.53	0.44	0.60
Houston, TX	29-45-47	095-21-47	10	30 x 30	60	N	N	8	1.96	12.02	0.14	0.06
Houston, TX	29-45-47	095-21-47	10	30 x 30	60	Y	N	2	1.96	12.02	0.14	0.06
Houston, TX	29-45-47	095-21-47	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Houston, TX	29-45-47	095-21-47	10	30 x 30	30	N	N	8	1.96	12.02	0.14	0.06
Houston, TX	29-45-47	095-21-47	10	30 x 30	30	Y	N	2	1.96	12.02	0.14	0.06
Houston, TX	29-45-47	095-21-47	10	30 x 30	15	N	N	8	1.96	12.02	0.14	0.06
Houston, TX	29-45-47	095-21-47	10	30 x 30	15	Y	N	2	1.96	12.02	0.14	0.06
Houston, TX	29-45-47	095-21-47	1	30 x 30	60	N	N	9	1.13	4.01	0.04	0.01
Houston, TX	29-45-47	095-21-47	1	30 x 30	60	Y	N	3	1.13	4.01	0.04	0.01
Houston, TX	29-45-47	095-21-47	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Houston, TX	29-45-47	095-21-47	1	30 x 30	30	N	N	9	1.13	4.01	0.04	0.01
Houston, TX	29-45-47	095-21-47	1	30 x 30	30	Y	N	3	1.13	4.01	0.04	0.01
Houston, TX	29-45-47	095-21-47	1	30 x 30	15	N	N	9	1.13	4.01	0.04	0.01
Houston, TX	29-45-47	095-21-47	1	30 x 30	15	Y	N	3	1.13	4.01	0.04	0.01
Indianapolis, IN	39-46-06	086-09-29	100	30 x 30	60	N	N	12	3.50	38.53	0.44	0.60
Indianapolis, IN	39-46-06	086-09-29	100	30 x 30	60	Y	N	5	3.50	38.53	0.44	0.60
Indianapolis, IN	39-46-06	086-09-29	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Indianapolis, IN	39-46-06	086-09-29	100	30 x 30	30	N	N	12	3.50	38.53	0.44	0.60
Indianapolis, IN	39-46-06	086-09-29	100	30 x 30	30	Y	N	5	3.50	38.53	0.44	0.60
Indianapolis, IN	39-46-06	086-09-29	100	30 x 30	15	N	N	12	3.50	38.53	0.44	0.60
Indianapolis, IN	39-46-06	086-09-29	100	30 x 30	15	Y	N	5	3.50	38.53	0.44	0.60
Indianapolis, IN	39-46-06	086-09-29	10	30 x 30	60	N	N	13	1.96	12.02	0.14	0.06
Indianapolis, IN	39-46-06	086-09-29	10	30 x 30	60	Y	N	5	1.96	12.02	0.14	0.06
Indianapolis, IN	39-46-06	086-09-29	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Indianapolis, IN	39-46-06	086-09-29	10	30 x 30	30	N	N	13	1.96	12.02	0.14	0.06
Indianapolis, IN	39-46-06	086-09-29	10	30 x 30	30	Y	N	5	1.96	12.02	0.14	0.06
Indianapolis, IN	39-46-06	086-09-29	10	30 x 30	15	N	N	13	1.96	12.02	0.14	0.06
Indianapolis, IN	39-46-06	086-09-29	10	30 x 30	15	Y	N	5	1.96	12.02	0.14	0.06
Indianapolis, IN	39-46-06	086-09-29	1	30 x 30	60	N	N	13	1.13	4.01	0.04	0.01
Indianapolis, IN	39-46-06	086-09-29	1	30 x 30	60	Y	N	6	1.13	4.01	0.04	0.01
Indianapolis, IN	39-46-06	086-09-29	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Indianapolis, IN	39-46-06	086-09-29	1	30 x 30	30	N	N	13	1.13	4.01	0.04	0.01
Indianapolis, IN	39-46-06	086-09-29	1	30 x 30	30	Y	N	6	1.13	4.01	0.04	0.01
Indianapolis, IN	39-46-06	086-09-29	1	30 x 30	15	N	N	14	1.13	4.01	0.04	0.01
Indianapolis, IN	39-46-06	086-09-29	1	30 x 30	15	Y	N	6	1.13	4.01	0.04	0.01

Appendix D: LP100, LP10 and LP1 Simulation Results - Coverage

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
Jacksonville, FL	30-19-55	081-39-21	100	30 x 30	60	N	N	17	3.50	38.53	0.44	0.60
Jacksonville, FL	30-19-55	081-39-21	100	30 x 30	60	Y	N	6	3.50	38.53	0.44	0.60
Jacksonville, FL	30-19-55	081-39-21	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Jacksonville, FL	30-19-55	081-39-21	100	30 x 30	30	N	N	18	3.50	38.53	0.44	0.60
Jacksonville, FL	30-19-55	081-39-21	100	30 x 30	30	Y	N	6	3.50	38.53	0.44	0.60
Jacksonville, FL	30-19-55	081-39-21	100	30 x 30	15	N	N	18	3.50	38.53	0.44	0.60
Jacksonville, FL	30-19-55	081-39-21	100	30 x 30	15	Y	N	6	3.50	38.53	0.44	0.60
Jacksonville, FL	30-19-55	081-39-21	10	30 x 30	60	N	N	21	1.96	12.02	0.14	0.06
Jacksonville, FL	30-19-55	081-39-21	10	30 x 30	60	Y	N	7	1.96	12.02	0.14	0.06
Jacksonville, FL	30-19-55	081-39-21	10	30 x 30	60	Y	Y	1	1.96	12.02	0.14	0.06
Jacksonville, FL	30-19-55	081-39-21	10	30 x 30	30	N	N	22	1.96	12.02	0.14	0.06
Jacksonville, FL	30-19-55	081-39-21	10	30 x 30	30	Y	N	7	1.96	12.02	0.14	0.06
Jacksonville, FL	30-19-55	081-39-21	10	30 x 30	15	N	N	22	1.96	12.02	0.14	0.06
Jacksonville, FL	30-19-55	081-39-21	10	30 x 30	15	Y	N	7	1.96	12.02	0.14	0.06
Jacksonville, FL	30-19-55	081-39-21	1	30 x 30	60	N	N	21	1.13	4.01	0.04	0.01
Jacksonville, FL	30-19-55	081-39-21	1	30 x 30	60	Y	N	7	1.13	4.01	0.04	0.01
Jacksonville, FL	30-19-55	081-39-21	1	30 x 30	60	Y	Y	1	1.13	4.01	0.04	0.01
Jacksonville, FL	30-19-55	081-39-21	1	30 x 30	30	N	N	22	1.13	4.01	0.04	0.01
Jacksonville, FL	30-19-55	081-39-21	1	30 x 30	30	Y	N	7	1.13	4.01	0.04	0.01
Jacksonville, FL	30-19-55	081-39-21	1	30 x 30	15	N	N	22	1.13	4.01	0.04	0.01
Jacksonville, FL	30-19-55	081-39-21	1	30 x 30	15	Y	N	7	1.13	4.01	0.04	0.01
Kansas City, KS	39-06-51	094-37-38	100	30 x 30	60	N	N	15	3.50	38.53	0.44	0.60
Kansas City, KS	39-06-51	094-37-38	100	30 x 30	60	Y	N	2	3.50	38.53	0.44	0.60
Kansas City, KS	39-06-51	094-37-38	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Kansas City, KS	39-06-51	094-37-38	100	30 x 30	30	N	N	15	3.50	38.53	0.44	0.60
Kansas City, KS	39-06-51	094-37-38	100	30 x 30	30	Y	N	2	3.50	38.53	0.44	0.60
Kansas City, KS	39-06-51	094-37-38	100	30 x 30	15	N	N	15	3.50	38.53	0.44	0.60
Kansas City, KS	39-06-51	094-37-38	100	30 x 30	15	Y	N	2	3.50	38.53	0.44	0.60
Kansas City, KS	39-06-51	094-37-38	10	30 x 30	60	N	N	15	1.96	12.02	0.14	0.06
Kansas City, KS	39-06-51	094-37-38	10	30 x 30	60	Y	N	3	1.96	12.02	0.14	0.06
Kansas City, KS	39-06-51	094-37-38	10	30 x 30	60	Y	Y	1	1.96	12.02	0.14	0.06
Kansas City, KS	39-06-51	094-37-38	10	30 x 30	30	N	N	15	1.96	12.02	0.14	0.06
Kansas City, KS	39-06-51	094-37-38	10	30 x 30	30	Y	N	3	1.96	12.02	0.14	0.06
Kansas City, KS	39-06-51	094-37-38	10	30 x 30	15	N	N	15	1.96	12.02	0.14	0.06
Kansas City, KS	39-06-51	094-37-38	10	30 x 30	15	Y	N	3	1.96	12.02	0.14	0.06
Kansas City, KS	39-06-51	094-37-38	1	30 x 30	60	N	N	15	1.13	4.01	0.04	0.01
Kansas City, KS	39-06-51	094-37-38	1	30 x 30	60	Y	N	2	1.13	4.01	0.04	0.01
Kansas City, KS	39-06-51	094-37-38	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Kansas City, KS	39-06-51	094-37-38	1	30 x 30	30	N	N	15	1.13	4.01	0.04	0.01
Kansas City, KS	39-06-51	094-37-38	1	30 x 30	30	Y	N	3	1.13	4.01	0.04	0.01
Kansas City, KS	39-06-51	094-37-38	1	30 x 30	15	N	N	15	1.13	4.01	0.04	0.01
Kansas City, KS	39-06-51	094-37-38	1	30 x 30	15	Y	N	3	1.13	4.01	0.04	0.01
La Crosse, WI	43-48-05	091-14-22	100	30 x 30	60	N	N	15	3.50	38.53	0.44	0.60
La Crosse, WI	43-48-05	091-14-22	100	30 x 30	60	Y	N	10	3.50	38.53	0.44	0.60
La Crosse, WI	43-48-05	091-14-22	100	30 x 30	60	Y	Y	4	3.50	38.53	0.44	0.60
La Crosse, WI	43-48-05	091-14-22	100	30 x 30	30	N	N	16	3.50	38.53	0.44	0.60
La Crosse, WI	43-48-05	091-14-22	100	30 x 30	30	Y	N	10	3.50	38.53	0.44	0.60
La Crosse, WI	43-48-05	091-14-22	100	30 x 30	15	N	N	16	3.50	38.53	0.44	0.60
La Crosse, WI	43-48-05	091-14-22	100	30 x 30	15	Y	N	10	3.50	38.53	0.44	0.60
La Crosse, WI	43-48-05	091-14-22	10	30 x 30	60	N	N	23	1.96	12.02	0.14	0.06
La Crosse, WI	43-48-05	091-14-22	10	30 x 30	60	Y	N	17	1.96	12.02	0.14	0.06
La Crosse, WI	43-48-05	091-14-22	10	30 x 30	60	Y	Y	9	1.96	12.02	0.14	0.06
La Crosse, WI	43-48-05	091-14-22	10	30 x 30	30	N	N	23	1.96	12.02	0.14	0.06
La Crosse, WI	43-48-05	091-14-22	10	30 x 30	30	Y	N	17	1.96	12.02	0.14	0.06
La Crosse, WI	43-48-05	091-14-22	10	30 x 30	15	N	N	24	1.96	12.02	0.14	0.06
La Crosse, WI	43-48-05	091-14-22	10	30 x 30	15	Y	N	18	1.96	12.02	0.14	0.06
La Crosse, WI	43-48-05	091-14-22	1	30 x 30	60	N	N	23	1.13	4.01	0.04	0.01
La Crosse, WI	43-48-05	091-14-22	1	30 x 30	60	Y	N	17	1.13	4.01	0.04	0.01
La Crosse, WI	43-48-05	091-14-22	1	30 x 30	60	Y	Y	9	1.13	4.01	0.04	0.01
La Crosse, WI	43-48-05	091-14-22	1	30 x 30	30	N	N	24	1.13	4.01	0.04	0.01
La Crosse, WI	43-48-05	091-14-22	1	30 x 30	30	Y	N	18	1.13	4.01	0.04	0.01
La Crosse, WI	43-48-05	091-14-22	1	30 x 30	15	N	N	24	1.13	4.01	0.04	0.01
La Crosse, WI	43-48-05	091-14-22	1	30 x 30	15	Y	N	18	1.13	4.01	0.04	0.01

Appendix D: LP100, LP10 and LP1 Simulation Results - Coverage

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
Las Vegas, NV	36-10-30	115-08-11	100	30 x 30	60	N	N	18	3.50	38.53	0.44	0.60
Las Vegas, NV	36-10-30	115-08-11	100	30 x 30	60	Y	N	4	3.50	38.53	0.44	0.60
Las Vegas, NV	36-10-30	115-08-11	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Las Vegas, NV	36-10-30	115-08-11	100	30 x 30	30	N	N	18	3.50	38.53	0.44	0.60
Las Vegas, NV	36-10-30	115-08-11	100	30 x 30	30	Y	N	4	3.50	38.53	0.44	0.60
Las Vegas, NV	36-10-30	115-08-11	100	30 x 30	15	N	N	18	3.50	38.53	0.44	0.60
Las Vegas, NV	36-10-30	115-08-11	100	30 x 30	15	Y	N	4	3.50	38.53	0.44	0.60
Las Vegas, NV	36-10-30	115-08-11	10	30 x 30	60	N	N	23	1.96	12.02	0.14	0.06
Las Vegas, NV	36-10-30	115-08-11	10	30 x 30	60	Y	N	6	1.96	12.02	0.14	0.06
Las Vegas, NV	36-10-30	115-08-11	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Las Vegas, NV	36-10-30	115-08-11	10	30 x 30	30	N	N	23	1.96	12.02	0.14	0.06
Las Vegas, NV	36-10-30	115-08-11	10	30 x 30	30	Y	N	6	1.96	12.02	0.14	0.06
Las Vegas, NV	36-10-30	115-08-11	10	30 x 30	15	N	N	23	1.96	12.02	0.14	0.06
Las Vegas, NV	36-10-30	115-08-11	10	30 x 30	15	Y	N	6	1.96	12.02	0.14	0.06
Las Vegas, NV	36-10-30	115-08-11	1	30 x 30	60	N	N	25	1.13	4.01	0.04	0.01
Las Vegas, NV	36-10-30	115-08-11	1	30 x 30	60	Y	N	8	1.13	4.01	0.04	0.01
Las Vegas, NV	36-10-30	115-08-11	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Las Vegas, NV	36-10-30	115-08-11	1	30 x 30	30	N	N	25	1.13	4.01	0.04	0.01
Las Vegas, NV	36-10-30	115-08-11	1	30 x 30	30	Y	N	8	1.13	4.01	0.04	0.01
Las Vegas, NV	36-10-30	115-08-11	1	30 x 30	15	N	N	25	1.13	4.01	0.04	0.01
Las Vegas, NV	36-10-30	115-08-11	1	30 x 30	15	Y	N	8	1.13	4.01	0.04	0.01
Little Rock, AK	34-44-47	092-17-22	100	30 x 30	30	N	N	15	3.50	38.53	0.44	0.60
Little Rock, AR	34-44-47	092-17-22	100	30 x 30	60	N	N	14	3.50	38.53	0.44	0.60
Little Rock, AR	34-44-47	092-17-22	100	30 x 30	60	Y	N	3	3.50	38.53	0.44	0.60
Little Rock, AR	34-44-47	092-17-22	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Little Rock, AR	34-44-47	092-17-22	100	30 x 30	30	Y	N	3	3.50	38.53	0.44	0.60
Little Rock, AR	34-44-47	092-17-22	100	30 x 30	15	N	N	15	3.50	38.53	0.44	0.60
Little Rock, AR	34-44-47	092-17-22	100	30 x 30	15	Y	N	3	3.50	38.53	0.44	0.60
Little Rock, AR	34-44-47	092-17-22	10	30 x 30	60	N	N	17	1.96	12.02	0.14	0.06
Little Rock, AR	34-44-47	092-17-22	10	30 x 30	60	Y	N	5	1.96	12.02	0.14	0.06
Little Rock, AR	34-44-47	092-17-22	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Little Rock, AR	34-44-47	092-17-22	10	30 x 30	30	N	N	17	1.96	12.02	0.14	0.06
Little Rock, AR	34-44-47	092-17-22	10	30 x 30	30	Y	N	5	1.96	12.02	0.14	0.06
Little Rock, AR	34-44-47	092-17-22	10	30 x 30	15	N	N	17	1.96	12.02	0.14	0.06
Little Rock, AR	34-44-47	092-17-22	10	30 x 30	15	Y	N	5	1.96	12.02	0.14	0.06
Little Rock, AR	34-44-47	092-17-22	1	30 x 30	60	N	N	17	1.13	4.01	0.04	0.01
Little Rock, AR	34-44-47	092-17-22	1	30 x 30	60	Y	N	5	1.13	4.01	0.04	0.01
Little Rock, AR	34-44-47	092-17-22	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Little Rock, AR	34-44-47	092-17-22	1	30 x 30	30	N	N	17	1.13	4.01	0.04	0.01
Little Rock, AR	34-44-47	092-17-22	1	30 x 30	30	Y	N	5	1.13	4.01	0.04	0.01
Little Rock, AR	34-44-47	092-17-22	1	30 x 30	15	N	N	17	1.13	4.01	0.04	0.01
Little Rock, AR	34-44-47	092-17-22	1	30 x 30	15	Y	N	5	1.13	4.01	0.04	0.01
Los Angeles, CA	34-03-08	118-14-34	100	30 x 30	60	N	N	0	3.50	38.53	0.44	0.60
Los Angeles, CA	34-03-08	118-14-34	100	30 x 30	60	Y	N	0	3.50	38.53	0.44	0.60
Los Angeles, CA	34-03-08	118-14-34	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Los Angeles, CA	34-03-08	118-14-34	100	30 x 30	30	N	N	0	3.50	38.53	0.44	0.60
Los Angeles, CA	34-03-08	118-14-34	100	30 x 30	30	Y	N	0	3.50	38.53	0.44	0.60
Los Angeles, CA	34-03-08	118-14-34	100	30 x 30	15	N	N	0	3.50	38.53	0.44	0.60
Los Angeles, CA	34-03-08	118-14-34	100	30 x 30	15	Y	N	0	3.50	38.53	0.44	0.60
Los Angeles, CA	34-03-08	118-14-34	10	30 x 30	60	N	N	1	1.96	12.02	0.14	0.06
Los Angeles, CA	34-03-08	118-14-34	10	30 x 30	60	Y	N	0	1.96	12.02	0.14	0.06
Los Angeles, CA	34-03-08	118-14-34	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Los Angeles, CA	34-03-08	118-14-34	10	30 x 30	30	N	N	1	1.96	12.02	0.14	0.06
Los Angeles, CA	34-03-08	118-14-34	10	30 x 30	30	Y	N	0	1.96	12.02	0.14	0.06
Los Angeles, CA	34-03-08	118-14-34	10	30 x 30	15	N	N	1	1.96	12.02	0.14	0.06
Los Angeles, CA	34-03-08	118-14-34	10	30 x 30	15	Y	N	0	1.96	12.02	0.14	0.06
Los Angeles, CA	34-03-08	118-14-34	1	30 x 30	60	N	N	2	1.13	4.01	0.04	0.01
Los Angeles, CA	34-03-08	118-14-34	1	30 x 30	60	Y	N	0	1.13	4.01	0.04	0.01
Los Angeles, CA	34-03-08	118-14-34	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Los Angeles, CA	34-03-08	118-14-34	1	30 x 30	30	N	N	2	1.13	4.01	0.04	0.01
Los Angeles, CA	34-03-08	118-14-34	1	30 x 30	30	Y	N	0	1.13	4.01	0.04	0.01
Los Angeles, CA	34-03-08	118-14-34	1	30 x 30	15	N	N	2	1.13	4.01	0.04	0.01
Los Angeles, CA	34-03-08	118-14-34	1	30 x 30	15	Y	N	0	1.13	4.01	0.04	0.01

Appendix D: LP100, LP10 and LP1 Simulation Results - Coverage

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
Louisville, KY	38-15-15	085-45-34	100	30 x 30	60	N	N	7	3.50	38.53	0.44	0.60
Louisville, KY	38-15-15	085-45-34	100	30 x 30	60	Y	N	2	3.50	38.53	0.44	0.60
Louisville, KY	38-15-15	085-45-34	100	30 x 30	60	Y	Y	1	3.50	38.53	0.44	0.60
Louisville, KY	38-15-15	085-45-34	100	30 x 30	30	N	N	7	3.50	38.53	0.44	0.60
Louisville, KY	38-15-15	085-45-34	100	30 x 30	30	Y	N	2	3.50	38.53	0.44	0.60
Louisville, KY	38-15-15	085-45-34	100	30 x 30	15	N	N	7	3.50	38.53	0.44	0.60
Louisville, KY	38-15-15	085-45-34	100	30 x 30	15	Y	N	3	3.50	38.53	0.44	0.60
Louisville, KY	38-15-15	085-45-34	10	30 x 30	60	N	N	9	1.96	12.02	0.14	0.06
Louisville, KY	38-15-15	085-45-34	10	30 x 30	60	Y	N	4	1.96	12.02	0.14	0.06
Louisville, KY	38-15-15	085-45-34	10	30 x 30	60	Y	Y	3	1.96	12.02	0.14	0.06
Louisville, KY	38-15-15	085-45-34	10	30 x 30	30	N	N	9	1.96	12.02	0.14	0.06
Louisville, KY	38-15-15	085-45-34	10	30 x 30	30	Y	N	4	1.96	12.02	0.14	0.06
Louisville, KY	38-15-15	085-45-34	10	30 x 30	15	N	N	9	1.96	12.02	0.14	0.06
Louisville, KY	38-15-15	085-45-34	10	30 x 30	15	Y	N	4	1.96	12.02	0.14	0.06
Louisville, KY	38-15-15	085-45-34	1	30 x 30	60	N	N	9	1.13	4.01	0.04	0.01
Louisville, KY	38-15-15	085-45-34	1	30 x 30	60	Y	N	4	1.13	4.01	0.04	0.01
Louisville, KY	38-15-15	085-45-34	1	30 x 30	60	Y	Y	3	1.13	4.01	0.04	0.01
Louisville, KY	38-15-15	085-45-34	1	30 x 30	30	N	N	9	1.13	4.01	0.04	0.01
Louisville, KY	38-15-15	085-45-34	1	30 x 30	30	Y	N	4	1.13	4.01	0.04	0.01
Louisville, KY	38-15-15	085-45-34	1	30 x 30	15	N	N	10	1.13	4.01	0.04	0.01
Louisville, KY	38-15-15	085-45-34	1	30 x 30	15	Y	N	5	1.13	4.01	0.04	0.01
Manchester, CT	41-46-33	072-31-19	100	30 x 30	60	N	N	11	3.50	38.53	0.44	0.60
Manchester, CT	41-46-33	072-31-19	100	30 x 30	60	Y	N	5	3.50	38.53	0.44	0.60
Manchester, CT	41-46-33	072-31-19	100	30 x 30	60	Y	Y	1	3.50	38.53	0.44	0.60
Manchester, CT	41-46-33	072-31-19	100	30 x 30	30	N	N	11	3.50	38.53	0.44	0.60
Manchester, CT	41-46-33	072-31-19	100	30 x 30	30	Y	N	5	3.50	38.53	0.44	0.60
Manchester, CT	41-46-33	072-31-19	100	30 x 30	15	N	N	11	3.50	38.53	0.44	0.60
Manchester, CT	41-46-33	072-31-19	100	30 x 30	15	Y	N	5	3.50	38.53	0.44	0.60
Manchester, CT	41-46-33	072-31-19	10	30 x 30	60	N	N	14	1.96	12.02	0.14	0.06
Manchester, CT	41-46-33	072-31-19	10	30 x 30	60	Y	N	7	1.96	12.02	0.14	0.06
Manchester, CT	41-46-33	072-31-19	10	30 x 30	60	Y	Y	2	1.96	12.02	0.14	0.06
Manchester, CT	41-46-33	072-31-19	10	30 x 30	30	N	N	14	1.96	12.02	0.14	0.06
Manchester, CT	41-46-33	072-31-19	10	30 x 30	30	Y	N	7	1.96	12.02	0.14	0.06
Manchester, CT	41-46-33	072-31-19	10	30 x 30	15	N	N	14	1.96	12.02	0.14	0.06
Manchester, CT	41-46-33	072-31-19	10	30 x 30	15	Y	N	7	1.96	12.02	0.14	0.06
Manchester, CT	41-46-33	072-31-19	1	30 x 30	60	N	N	16	1.13	4.01	0.04	0.01
Manchester, CT	41-46-33	072-31-19	1	30 x 30	60	Y	N	8	1.13	4.01	0.04	0.01
Manchester, CT	41-46-33	072-31-19	1	30 x 30	60	Y	Y	3	1.13	4.01	0.04	0.01
Manchester, CT	41-46-33	072-31-19	1	30 x 30	30	N	N	16	1.13	4.01	0.04	0.01
Manchester, CT	41-46-33	072-31-19	1	30 x 30	30	Y	N	8	1.13	4.01	0.04	0.01
Manchester, CT	41-46-33	072-31-19	1	30 x 30	15	N	N	16	1.13	4.01	0.04	0.01
Manchester, CT	41-46-33	072-31-19	1	30 x 30	15	Y	N	8	1.13	4.01	0.04	0.01
Manchester, NH	42-59-44	071-27-19	100	30 x 30	60	N	N	7	3.50	38.53	0.44	0.60
Manchester, NH	42-59-44	071-27-19	100	30 x 30	60	Y	N	4	3.50	38.53	0.44	0.60
Manchester, NH	42-59-44	071-27-19	100	30 x 30	60	Y	Y	2	3.50	38.53	0.44	0.60
Manchester, NH	42-59-44	071-27-19	100	30 x 30	30	N	N	7	3.50	38.53	0.44	0.60
Manchester, NH	42-59-44	071-27-19	100	30 x 30	30	Y	N	4	3.50	38.53	0.44	0.60
Manchester, NH	42-59-44	071-27-19	100	30 x 30	15	N	N	7	3.50	38.53	0.44	0.60
Manchester, NH	42-59-44	071-27-19	100	30 x 30	15	Y	N	4	3.50	38.53	0.44	0.60
Manchester, NH	42-59-44	071-27-19	10	30 x 30	60	N	N	11	1.96	12.02	0.14	0.06
Manchester, NH	42-59-44	071-27-19	10	30 x 30	60	Y	N	9	1.96	12.02	0.14	0.06
Manchester, NH	42-59-44	071-27-19	10	30 x 30	60	Y	Y	5	1.96	12.02	0.14	0.06
Manchester, NH	42-59-44	071-27-19	10	30 x 30	30	N	N	11	1.96	12.02	0.14	0.06
Manchester, NH	42-59-44	071-27-19	10	30 x 30	30	Y	N	9	1.96	12.02	0.14	0.06
Manchester, NH	42-59-44	071-27-19	10	30 x 30	15	N	N	11	1.96	12.02	0.14	0.06
Manchester, NH	42-59-44	071-27-19	10	30 x 30	15	Y	N	9	1.96	12.02	0.14	0.06
Manchester, NH	42-59-44	071-27-19	1	30 x 30	60	N	N	14	1.13	4.01	0.04	0.01
Manchester, NH	42-59-44	071-27-19	1	30 x 30	60	Y	N	13	1.13	4.01	0.04	0.01
Manchester, NH	42-59-44	071-27-19	1	30 x 30	60	Y	Y	7	1.13	4.01	0.04	0.01
Manchester, NH	42-59-44	071-27-19	1	30 x 30	30	N	N	15	1.13	4.01	0.04	0.01
Manchester, NH	42-59-44	071-27-19	1	30 x 30	30	Y	N	14	1.13	4.01	0.04	0.01
Manchester, NH	42-59-44	071-27-19	1	30 x 30	15	N	N	16	1.13	4.01	0.04	0.01
Manchester, NH	42-59-44	071-27-19	1	30 x 30	15	Y	N	15	1.13	4.01	0.04	0.01

Appendix D: LP100, LP10 and LP1 Simulation Results - Coverage

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
Miami, FL	25-46-26	080-11-38	100	30 x 30	60	N	N	10	3.50	38.53	0.44	0.60
Miami, FL	25-46-26	080-11-38	100	30 x 30	60	Y	N	0	3.50	38.53	0.44	0.60
Miami, FL	25-46-26	080-11-38	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Miami, FL	25-46-26	080-11-38	100	30 x 30	30	N	N	10	3.50	38.53	0.44	0.60
Miami, FL	25-46-26	080-11-38	100	30 x 30	30	Y	N	0	3.50	38.53	0.44	0.60
Miami, FL	25-46-26	080-11-38	100	30 x 30	15	N	N	10	3.50	38.53	0.44	0.60
Miami, FL	25-46-26	080-11-38	100	30 x 30	15	Y	N	0	3.50	38.53	0.44	0.60
Miami, FL	25-46-26	080-11-38	10	30 x 30	60	N	N	11	1.96	12.02	0.14	0.06
Miami, FL	25-46-26	080-11-38	10	30 x 30	60	Y	N	0	1.96	12.02	0.14	0.06
Miami, FL	25-46-26	080-11-38	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Miami, FL	25-46-26	080-11-38	10	30 x 30	30	N	N	11	1.96	12.02	0.14	0.06
Miami, FL	25-46-26	080-11-38	10	30 x 30	30	Y	N	0	1.96	12.02	0.14	0.06
Miami, FL	25-46-26	080-11-38	10	30 x 30	15	N	N	11	1.96	12.02	0.14	0.06
Miami, FL	25-46-26	080-11-38	10	30 x 30	15	Y	N	0	1.96	12.02	0.14	0.06
Miami, FL	25-46-26	080-11-38	1	30 x 30	60	N	N	11	1.13	4.01	0.04	0.01
Miami, FL	25-46-26	080-11-38	1	30 x 30	60	Y	N	0	1.13	4.01	0.04	0.01
Miami, FL	25-46-26	080-11-38	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Miami, FL	25-46-26	080-11-38	1	30 x 30	30	N	N	11	1.13	4.01	0.04	0.01
Miami, FL	25-46-26	080-11-38	1	30 x 30	30	Y	N	0	1.13	4.01	0.04	0.01
Miami, FL	25-46-26	080-11-38	1	30 x 30	15	N	N	11	1.13	4.01	0.04	0.01
Miami, FL	25-46-26	080-11-38	1	30 x 30	15	Y	N	0	1.13	4.01	0.04	0.01
Midland, TX	31-59-50	102-04-39	100	30 x 30	60	N	N	21	3.50	38.53	0.44	0.60
Midland, TX	31-59-50	102-04-39	100	30 x 30	60	Y	N	9	3.50	38.53	0.44	0.60
Midland, TX	31-59-50	102-04-39	100	30 x 30	60	Y	Y	3	3.50	38.53	0.44	0.60
Midland, TX	31-59-50	102-04-39	100	30 x 30	30	N	N	22	3.50	38.53	0.44	0.60
Midland, TX	31-59-50	102-04-39	100	30 x 30	30	Y	N	10	3.50	38.53	0.44	0.60
Midland, TX	31-59-50	102-04-39	100	30 x 30	15	N	N	22	3.50	38.53	0.44	0.60
Midland, TX	31-59-50	102-04-39	100	30 x 30	15	Y	N	10	3.50	38.53	0.44	0.60
Midland, TX	31-59-50	102-04-39	10	30 x 30	60	N	N	25	1.96	12.02	0.14	0.06
Midland, TX	31-59-50	102-04-39	10	30 x 30	60	Y	N	11	1.96	12.02	0.14	0.06
Midland, TX	31-59-50	102-04-39	10	30 x 30	60	Y	Y	4	1.96	12.02	0.14	0.06
Midland, TX	31-59-50	102-04-39	10	30 x 30	30	N	N	25	1.96	12.02	0.14	0.06
Midland, TX	31-59-50	102-04-39	10	30 x 30	30	Y	N	11	1.96	12.02	0.14	0.06
Midland, TX	31-59-50	102-04-39	10	30 x 30	15	N	N	25	1.96	12.02	0.14	0.06
Midland, TX	31-59-50	102-04-39	10	30 x 30	15	Y	N	11	1.96	12.02	0.14	0.06
Midland, TX	31-59-50	102-04-39	1	30 x 30	60	N	N	25	1.13	4.01	0.04	0.01
Midland, TX	31-59-50	102-04-39	1	30 x 30	60	Y	N	11	1.13	4.01	0.04	0.01
Midland, TX	31-59-50	102-04-39	1	30 x 30	60	Y	Y	4	1.13	4.01	0.04	0.01
Midland, TX	31-59-50	102-04-39	1	30 x 30	30	N	N	25	1.13	4.01	0.04	0.01
Midland, TX	31-59-50	102-04-39	1	30 x 30	30	Y	N	12	1.13	4.01	0.04	0.01
Midland, TX	31-59-50	102-04-39	1	30 x 30	15	N	N	26	1.13	4.01	0.04	0.01
Midland, TX	31-59-50	102-04-39	1	30 x 30	15	Y	N	12	1.13	4.01	0.04	0.01
Milwaukee, WI	43-02-20	087-54-23	100	30 x 30	60	N	N	12	3.50	38.53	0.44	0.60
Milwaukee, WI	43-02-20	087-54-23	100	30 x 30	60	Y	N	5	3.50	38.53	0.44	0.60
Milwaukee, WI	43-02-20	087-54-23	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Milwaukee, WI	43-02-20	087-54-23	100	30 x 30	30	N	N	13	3.50	38.53	0.44	0.60
Milwaukee, WI	43-02-20	087-54-23	100	30 x 30	30	Y	N	5	3.50	38.53	0.44	0.60
Milwaukee, WI	43-02-20	087-54-23	100	30 x 30	15	N	N	14	3.50	38.53	0.44	0.60
Milwaukee, WI	43-02-20	087-54-23	100	30 x 30	15	Y	N	6	3.50	38.53	0.44	0.60
Milwaukee, WI	43-02-20	087-54-23	10	30 x 30	60	N	N	14	1.96	12.02	0.14	0.06
Milwaukee, WI	43-02-20	087-54-23	10	30 x 30	60	Y	N	6	1.96	12.02	0.14	0.06
Milwaukee, WI	43-02-20	087-54-23	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Milwaukee, WI	43-02-20	087-54-23	10	30 x 30	30	N	N	15	1.96	12.02	0.14	0.06
Milwaukee, WI	43-02-20	087-54-23	10	30 x 30	30	Y	N	6	1.96	12.02	0.14	0.06
Milwaukee, WI	43-02-20	087-54-23	10	30 x 30	15	N	N	16	1.96	12.02	0.14	0.06
Milwaukee, WI	43-02-20	087-54-23	10	30 x 30	15	Y	N	7	1.96	12.02	0.14	0.06
Milwaukee, WI	43-02-20	087-54-23	1	30 x 30	60	N	N	15	1.13	4.01	0.04	0.01
Milwaukee, WI	43-02-20	087-54-23	1	30 x 30	60	Y	N	6	1.13	4.01	0.04	0.01
Milwaukee, WI	43-02-20	087-54-23	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Milwaukee, WI	43-02-20	087-54-23	1	30 x 30	30	N	N	16	1.13	4.01	0.04	0.01
Milwaukee, WI	43-02-20	087-54-23	1	30 x 30	30	Y	N	6	1.13	4.01	0.04	0.01
Milwaukee, WI	43-02-20	087-54-23	1	30 x 30	15	N	N	17	1.13	4.01	0.04	0.01
Milwaukee, WI	43-02-20	087-54-23	1	30 x 30	15	Y	N	7	1.13	4.01	0.04	0.01

Appendix D: LP100, LP10 and LP1 Simulation Results - Coverage

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
Minneapolis, MN	44-58-48	093-15-49	100	30 x 30	60	N	N	9	3.50	38.53	0.44	0.60
Minneapolis, MN	44-58-48	093-15-49	100	30 x 30	60	Y	N	2	3.50	38.53	0.44	0.60
Minneapolis, MN	44-58-48	093-15-49	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Minneapolis, MN	44-58-48	093-15-49	100	30 x 30	30	N	N	9	3.50	38.53	0.44	0.60
Minneapolis, MN	44-58-48	093-15-49	100	30 x 30	30	Y	N	2	3.50	38.53	0.44	0.60
Minneapolis, MN	44-58-48	093-15-49	100	30 x 30	15	N	N	9	3.50	38.53	0.44	0.60
Minneapolis, MN	44-58-48	093-15-49	100	30 x 30	15	Y	N	2	3.50	38.53	0.44	0.60
Minneapolis, MN	44-58-48	093-15-49	10	30 x 30	60	N	N	12	1.96	12.02	0.14	0.06
Minneapolis, MN	44-58-48	093-15-49	10	30 x 30	60	Y	N	5	1.96	12.02	0.14	0.06
Minneapolis, MN	44-58-48	093-15-49	10	30 x 30	60	Y	Y	2	1.96	12.02	0.14	0.06
Minneapolis, MN	44-58-48	093-15-49	10	30 x 30	30	N	N	12	1.96	12.02	0.14	0.06
Minneapolis, MN	44-58-48	093-15-49	10	30 x 30	30	Y	N	5	1.96	12.02	0.14	0.06
Minneapolis, MN	44-58-48	093-15-49	10	30 x 30	15	N	N	12	1.96	12.02	0.14	0.06
Minneapolis, MN	44-58-48	093-15-49	10	30 x 30	15	Y	N	5	1.96	12.02	0.14	0.06
Minneapolis, MN	44-58-48	093-15-49	1	30 x 30	60	N	N	13	1.13	4.01	0.04	0.01
Minneapolis, MN	44-58-48	093-15-49	1	30 x 30	60	Y	N	5	1.13	4.01	0.04	0.01
Minneapolis, MN	44-58-48	093-15-49	1	30 x 30	60	Y	Y	2	1.13	4.01	0.04	0.01
Minneapolis, MN	44-58-48	093-15-49	1	30 x 30	30	N	N	13	1.13	4.01	0.04	0.01
Minneapolis, MN	44-58-48	093-15-49	1	30 x 30	30	Y	N	6	1.13	4.01	0.04	0.01
Minneapolis, MN	44-58-48	093-15-49	1	30 x 30	15	N	N	13	1.13	4.01	0.04	0.01
Minneapolis, MN	44-58-48	093-15-49	1	30 x 30	15	Y	N	6	1.13	4.01	0.04	0.01
Mobile, AL	30-41-39	088-02-35	100	30 x 30	60	N	N	17	3.50	38.53	0.44	0.60
Mobile, AL	30-41-39	088-02-35	100	30 x 30	60	Y	N	5	3.50	38.53	0.44	0.60
Mobile, AL	30-41-39	088-02-35	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Mobile, AL	30-41-39	088-02-35	100	30 x 30	30	N	N	18	3.50	38.53	0.44	0.60
Mobile, AL	30-41-39	088-02-35	100	30 x 30	30	Y	N	6	3.50	38.53	0.44	0.60
Mobile, AL	30-41-39	088-02-35	100	30 x 30	15	N	N	18	3.50	38.53	0.44	0.60
Mobile, AL	30-41-39	088-02-35	100	30 x 30	15	Y	N	6	3.50	38.53	0.44	0.60
Mobile, AL	30-41-39	088-02-35	10	30 x 30	60	N	N	18	1.96	12.02	0.14	0.06
Mobile, AL	30-41-39	088-02-35	10	30 x 30	60	Y	N	6	1.96	12.02	0.14	0.06
Mobile, AL	30-41-39	088-02-35	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Mobile, AL	30-41-39	088-02-35	10	30 x 30	30	N	N	18	1.96	12.02	0.14	0.06
Mobile, AL	30-41-39	088-02-35	10	30 x 30	30	Y	N	6	1.96	12.02	0.14	0.06
Mobile, AL	30-41-39	088-02-35	10	30 x 30	15	N	N	18	1.96	12.02	0.14	0.06
Mobile, AL	30-41-39	088-02-35	10	30 x 30	15	Y	N	6	1.96	12.02	0.14	0.06
Mobile, AL	30-41-39	088-02-35	1	30 x 30	60	N	N	18	1.13	4.01	0.04	0.01
Mobile, AL	30-41-39	088-02-35	1	30 x 30	60	Y	N	6	1.13	4.01	0.04	0.01
Mobile, AL	30-41-39	088-02-35	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Mobile, AL	30-41-39	088-02-35	1	30 x 30	30	N	N	18	1.13	4.01	0.04	0.01
Mobile, AL	30-41-39	088-02-35	1	30 x 30	30	Y	N	6	1.13	4.01	0.04	0.01
Mobile, AL	30-41-39	088-02-35	1	30 x 30	15	N	N	18	1.13	4.01	0.04	0.01
Mobile, AL	30-41-39	088-02-35	1	30 x 30	15	Y	N	6	1.13	4.01	0.04	0.01
Montgomery, AL	32-22-54	086-18-30	100	30 x 30	60	N	N	18	3.50	38.53	0.44	0.60
Montgomery, AL	32-22-54	086-18-30	100	30 x 30	60	Y	N	13	3.50	38.53	0.44	0.60
Montgomery, AL	32-22-54	086-18-30	100	30 x 30	60	Y	Y	6	3.50	38.53	0.44	0.60
Montgomery, AL	32-22-54	086-18-30	100	30 x 30	30	N	N	19	3.50	38.53	0.44	0.60
Montgomery, AL	32-22-54	086-18-30	100	30 x 30	30	Y	N	13	3.50	38.53	0.44	0.60
Montgomery, AL	32-22-54	086-18-30	100	30 x 30	15	N	N	19	3.50	38.53	0.44	0.60
Montgomery, AL	32-22-54	086-18-30	100	30 x 30	15	Y	N	13	3.50	38.53	0.44	0.60
Montgomery, AL	32-22-54	086-18-30	10	30 x 30	60	N	N	20	1.96	12.02	0.14	0.06
Montgomery, AL	32-22-54	086-18-30	10	30 x 30	60	Y	N	15	1.96	12.02	0.14	0.06
Montgomery, AL	32-22-54	086-18-30	10	30 x 30	60	Y	Y	7	1.96	12.02	0.14	0.06
Montgomery, AL	32-22-54	086-18-30	10	30 x 30	30	N	N	20	1.96	12.02	0.14	0.06
Montgomery, AL	32-22-54	086-18-30	10	30 x 30	30	Y	N	15	1.96	12.02	0.14	0.06
Montgomery, AL	32-22-54	086-18-30	10	30 x 30	15	N	N	20	1.96	12.02	0.14	0.06
Montgomery, AL	32-22-54	086-18-30	10	30 x 30	15	Y	N	15	1.96	12.02	0.14	0.06
Montgomery, AL	32-22-54	086-18-30	1	30 x 30	60	N	N	21	1.13	4.01	0.04	0.01
Montgomery, AL	32-22-54	086-18-30	1	30 x 30	60	Y	N	16	1.13	4.01	0.04	0.01
Montgomery, AL	32-22-54	086-18-30	1	30 x 30	60	Y	Y	8	1.13	4.01	0.04	0.01
Montgomery, AL	32-22-54	086-18-30	1	30 x 30	30	N	N	21	1.13	4.01	0.04	0.01
Montgomery, AL	32-22-54	086-18-30	1	30 x 30	30	Y	N	16	1.13	4.01	0.04	0.01
Montgomery, AL	32-22-54	086-18-30	1	30 x 30	15	N	N	21	1.13	4.01	0.04	0.01
Montgomery, AL	32-22-54	086-18-30	1	30 x 30	15	Y	N	16	1.13	4.01	0.04	0.01

Appendix D: LP100, LP10 and LP1 Simulation Results - Coverage

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
Nashville, TN	36-09-57	086-47-04	100	30 x 30	60	N	N	16	3.50	38.53	0.44	0.60
Nashville, TN	36-09-57	086-47-04	100	30 x 30	60	Y	N	3	3.50	38.53	0.44	0.60
Nashville, TN	36-09-57	086-47-04	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Nashville, TN	36-09-57	086-47-04	100	30 x 30	30	N	N	16	3.50	38.53	0.44	0.60
Nashville, TN	36-09-57	086-47-04	100	30 x 30	30	Y	N	3	3.50	38.53	0.44	0.60
Nashville, TN	36-09-57	086-47-04	100	30 x 30	15	N	N	16	3.50	38.53	0.44	0.60
Nashville, TN	36-09-57	086-47-04	100	30 x 30	15	Y	N	3	3.50	38.53	0.44	0.60
Nashville, TN	36-09-57	086-47-04	10	30 x 30	60	N	N	19	1.96	12.02	0.14	0.06
Nashville, TN	36-09-57	086-47-04	10	30 x 30	60	Y	N	6	1.96	12.02	0.14	0.06
Nashville, TN	36-09-57	086-47-04	10	30 x 30	60	Y	Y	1	1.96	12.02	0.14	0.06
Nashville, TN	36-09-57	086-47-04	10	30 x 30	30	N	N	19	1.96	12.02	0.14	0.06
Nashville, TN	36-09-57	086-47-04	10	30 x 30	30	Y	N	6	1.96	12.02	0.14	0.06
Nashville, TN	36-09-57	086-47-04	10	30 x 30	15	N	N	19	1.96	12.02	0.14	0.06
Nashville, TN	36-09-57	086-47-04	10	30 x 30	15	Y	N	6	1.96	12.02	0.14	0.06
Nashville, TN	36-09-57	086-47-04	1	30 x 30	60	N	N	20	1.13	4.01	0.04	0.01
Nashville, TN	36-09-57	086-47-04	1	30 x 30	60	Y	N	6	1.13	4.01	0.04	0.01
Nashville, TN	36-09-57	086-47-04	1	30 x 30	60	Y	Y	1	1.13	4.01	0.04	0.01
Nashville, TN	36-09-57	086-47-04	1	30 x 30	30	N	N	20	1.13	4.01	0.04	0.01
Nashville, TN	36-09-57	086-47-04	1	30 x 30	30	Y	N	6	1.13	4.01	0.04	0.01
Nashville, TN	36-09-57	086-47-04	1	30 x 30	15	N	N	20	1.13	4.01	0.04	0.01
Nashville, TN	36-09-57	086-47-04	1	30 x 30	15	Y	N	6	1.13	4.01	0.04	0.01
New York, NY	40-42-51	074-00-23	100	30 x 30	60	N	N	0	3.50	38.53	0.44	0.60
New York, NY	40-42-51	074-00-23	100	30 x 30	60	Y	N	0	3.50	38.53	0.44	0.60
New York, NY	40-42-51	074-00-23	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
New York, NY	40-42-51	074-00-23	100	30 x 30	30	N	N	0	3.50	38.53	0.44	0.60
New York, NY	40-42-51	074-00-23	100	30 x 30	30	Y	N	0	3.50	38.53	0.44	0.60
New York, NY	40-42-51	074-00-23	100	30 x 30	15	N	N	0	3.50	38.53	0.44	0.60
New York, NY	40-42-51	074-00-23	100	30 x 30	15	Y	N	0	3.50	38.53	0.44	0.60
New York, NY	40-42-51	074-00-23	10	30 x 30	60	N	N	0	1.96	12.02	0.14	0.06
New York, NY	40-42-51	074-00-23	10	30 x 30	60	Y	N	0	1.96	12.02	0.14	0.06
New York, NY	40-42-51	074-00-23	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
New York, NY	40-42-51	074-00-23	10	30 x 30	30	N	N	0	1.96	12.02	0.14	0.06
New York, NY	40-42-51	074-00-23	10	30 x 30	30	Y	N	0	1.96	12.02	0.14	0.06
New York, NY	40-42-51	074-00-23	10	30 x 30	15	N	N	1	1.96	12.02	0.14	0.06
New York, NY	40-42-51	074-00-23	10	30 x 30	15	Y	N	0	1.96	12.02	0.14	0.06
New York, NY	40-42-51	074-00-23	1	30 x 30	60	N	N	0	1.13	4.01	0.04	0.01
New York, NY	40-42-51	074-00-23	1	30 x 30	60	Y	N	0	1.13	4.01	0.04	0.01
New York, NY	40-42-51	074-00-23	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
New York, NY	40-42-51	074-00-23	1	30 x 30	30	N	N	1	1.13	4.01	0.04	0.01
New York, NY	40-42-51	074-00-23	1	30 x 30	30	Y	N	0	1.13	4.01	0.04	0.01
New York, NY	40-42-51	074-00-23	1	30 x 30	15	N	N	1	1.13	4.01	0.04	0.01
New York, NY	40-42-51	074-00-23	1	30 x 30	15	Y	N	0	1.13	4.01	0.04	0.01
Oklahoma City, OK	35-28-03	097-30-58	100	30 x 30	60	N	N	12	3.50	38.53	0.44	0.60
Oklahoma City, OK	35-28-03	097-30-58	100	30 x 30	60	Y	N	5	3.50	38.53	0.44	0.60
Oklahoma City, OK	35-28-03	097-30-58	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Oklahoma City, OK	35-28-03	097-30-58	100	30 x 30	30	N	N	12	3.50	38.53	0.44	0.60
Oklahoma City, OK	35-28-03	097-30-58	100	30 x 30	30	Y	N	5	3.50	38.53	0.44	0.60
Oklahoma City, OK	35-28-03	097-30-58	100	30 x 30	15	N	N	12	3.50	38.53	0.44	0.60
Oklahoma City, OK	35-28-03	097-30-58	100	30 x 30	15	Y	N	5	3.50	38.53	0.44	0.60
Oklahoma City, OK	35-28-03	097-30-58	10	30 x 30	60	N	N	15	1.96	12.02	0.14	0.06
Oklahoma City, OK	35-28-03	097-30-58	10	30 x 30	60	Y	N	7	1.96	12.02	0.14	0.06
Oklahoma City, OK	35-28-03	097-30-58	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Oklahoma City, OK	35-28-03	097-30-58	10	30 x 30	30	N	N	15	1.96	12.02	0.14	0.06
Oklahoma City, OK	35-28-03	097-30-58	10	30 x 30	30	Y	N	7	1.96	12.02	0.14	0.06
Oklahoma City, OK	35-28-03	097-30-58	10	30 x 30	15	N	N	15	1.96	12.02	0.14	0.06
Oklahoma City, OK	35-28-03	097-30-58	10	30 x 30	15	Y	N	7	1.96	12.02	0.14	0.06
Oklahoma City, OK	35-28-03	097-30-58	1	30 x 30	60	N	N	15	1.13	4.01	0.04	0.01
Oklahoma City, OK	35-28-03	097-30-58	1	30 x 30	60	Y	N	7	1.13	4.01	0.04	0.01
Oklahoma City, OK	35-28-03	097-30-58	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Oklahoma City, OK	35-28-03	097-30-58	1	30 x 30	30	N	N	15	1.13	4.01	0.04	0.01
Oklahoma City, OK	35-28-03	097-30-58	1	30 x 30	30	Y	N	7	1.13	4.01	0.04	0.01
Oklahoma City, OK	35-28-03	097-30-58	1	30 x 30	15	N	N	15	1.13	4.01	0.04	0.01
Oklahoma City, OK	35-28-03	097-30-58	1	30 x 30	15	Y	N	7	1.13	4.01	0.04	0.01

Appendix D: LP100, LP10 and LP1 Simulation Results - Coverage

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
Omaha, NE	41-15-31	095-56-15	100	30 x 30	60	N	N	10	3.50	38.53	0.44	0.60
Omaha, NE	41-15-31	095-56-15	100	30 x 30	60	Y	N	5	3.50	38.53	0.44	0.60
Omaha, NE	41-15-31	095-56-15	100	30 x 30	60	Y	Y	1	3.50	38.53	0.44	0.60
Omaha, NE	41-15-31	095-56-15	100	30 x 30	30	N	N	11	3.50	38.53	0.44	0.60
Omaha, NE	41-15-31	095-56-15	100	30 x 30	30	Y	N	5	3.50	38.53	0.44	0.60
Omaha, NE	41-15-31	095-56-15	100	30 x 30	15	N	N	11	3.50	38.53	0.44	0.60
Omaha, NE	41-15-31	095-56-15	100	30 x 30	15	Y	N	5	3.50	38.53	0.44	0.60
Omaha, NE	41-15-31	095-56-15	10	30 x 30	60	N	N	13	1.96	12.02	0.14	0.06
Omaha, NE	41-15-31	095-56-15	10	30 x 30	60	Y	N	8	1.96	12.02	0.14	0.06
Omaha, NE	41-15-31	095-56-15	10	30 x 30	60	Y	Y	3	1.96	12.02	0.14	0.06
Omaha, NE	41-15-31	095-56-15	10	30 x 30	30	N	N	15	1.96	12.02	0.14	0.06
Omaha, NE	41-15-31	095-56-15	10	30 x 30	30	Y	N	8	1.96	12.02	0.14	0.06
Omaha, NE	41-15-31	095-56-15	10	30 x 30	15	N	N	15	1.96	12.02	0.14	0.06
Omaha, NE	41-15-31	095-56-15	10	30 x 30	15	Y	N	8	1.96	12.02	0.14	0.06
Omaha, NE	41-15-31	095-56-15	1	30 x 30	60	N	N	14	1.13	4.01	0.04	0.01
Omaha, NE	41-15-31	095-56-15	1	30 x 30	60	Y	N	8	1.13	4.01	0.04	0.01
Omaha, NE	41-15-31	095-56-15	1	30 x 30	60	Y	Y	3	1.13	4.01	0.04	0.01
Omaha, NE	41-15-31	095-56-15	1	30 x 30	30	N	N	15	1.13	4.01	0.04	0.01
Omaha, NE	41-15-31	095-56-15	1	30 x 30	30	Y	N	8	1.13	4.01	0.04	0.01
Omaha, NE	41-15-31	095-56-15	1	30 x 30	15	N	N	15	1.13	4.01	0.04	0.01
Omaha, NE	41-15-31	095-56-15	1	30 x 30	15	Y	N	8	1.13	4.01	0.04	0.01
Orlando, FL	28-32-17	081-22-46	100	30 x 30	60	N	N	6	3.50	38.53	0.44	0.60
Orlando, FL	28-32-17	081-22-46	100	30 x 30	60	Y	N	1	3.50	38.53	0.44	0.60
Orlando, FL	28-32-17	081-22-46	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Orlando, FL	28-32-17	081-22-46	100	30 x 30	30	N	N	6	3.50	38.53	0.44	0.60
Orlando, FL	28-32-17	081-22-46	100	30 x 30	30	Y	N	1	3.50	38.53	0.44	0.60
Orlando, FL	28-32-17	081-22-46	100	30 x 30	15	N	N	6	3.50	38.53	0.44	0.60
Orlando, FL	28-32-17	081-22-46	100	30 x 30	15	Y	N	1	3.50	38.53	0.44	0.60
Orlando, FL	28-32-17	081-22-46	10	30 x 30	60	N	N	6	1.96	12.02	0.14	0.06
Orlando, FL	28-32-17	081-22-46	10	30 x 30	60	Y	N	1	1.96	12.02	0.14	0.06
Orlando, FL	28-32-17	081-22-46	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Orlando, FL	28-32-17	081-22-46	10	30 x 30	30	N	N	6	1.96	12.02	0.14	0.06
Orlando, FL	28-32-17	081-22-46	10	30 x 30	30	Y	N	1	1.96	12.02	0.14	0.06
Orlando, FL	28-32-17	081-22-46	10	30 x 30	15	N	N	6	1.96	12.02	0.14	0.06
Orlando, FL	28-32-17	081-22-46	10	30 x 30	15	Y	N	1	1.96	12.02	0.14	0.06
Orlando, FL	28-32-17	081-22-46	1	30 x 30	60	N	N	7	1.13	4.01	0.04	0.01
Orlando, FL	28-32-17	081-22-46	1	30 x 30	60	Y	N	1	1.13	4.01	0.04	0.01
Orlando, FL	28-32-17	081-22-46	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Orlando, FL	28-32-17	081-22-46	1	30 x 30	30	N	N	8	1.13	4.01	0.04	0.01
Orlando, FL	28-32-17	081-22-46	1	30 x 30	30	Y	N	1	1.13	4.01	0.04	0.01
Orlando, FL	28-32-17	081-22-46	1	30 x 30	15	N	N	8	1.13	4.01	0.04	0.01
Orlando, FL	28-32-17	081-22-46	1	30 x 30	15	Y	N	1	1.13	4.01	0.04	0.01
Peoria, IL	40-41-37	089-35-20	100	30 x 30	60	N	N	17	3.50	38.53	0.44	0.60
Peoria, IL	40-41-37	089-35-20	100	30 x 30	60	Y	N	11	3.50	38.53	0.44	0.60
Peoria, IL	40-41-37	089-35-20	100	30 x 30	60	Y	Y	8	3.50	38.53	0.44	0.60
Peoria, IL	40-41-37	089-35-20	100	30 x 30	30	N	N	17	3.50	38.53	0.44	0.60
Peoria, IL	40-41-37	089-35-20	100	30 x 30	30	Y	N	11	3.50	38.53	0.44	0.60
Peoria, IL	40-41-37	089-35-20	100	30 x 30	15	N	N	17	3.50	38.53	0.44	0.60
Peoria, IL	40-41-37	089-35-20	100	30 x 30	15	Y	N	11	3.50	38.53	0.44	0.60
Peoria, IL	40-41-37	089-35-20	10	30 x 30	60	N	N	18	1.96	12.02	0.14	0.06
Peoria, IL	40-41-37	089-35-20	10	30 x 30	60	Y	N	12	1.96	12.02	0.14	0.06
Peoria, IL	40-41-37	089-35-20	10	30 x 30	60	Y	Y	9	1.96	12.02	0.14	0.06
Peoria, IL	40-41-37	089-35-20	10	30 x 30	30	N	N	18	1.96	12.02	0.14	0.06
Peoria, IL	40-41-37	089-35-20	10	30 x 30	30	Y	N	12	1.96	12.02	0.14	0.06
Peoria, IL	40-41-37	089-35-20	10	30 x 30	15	N	N	18	1.96	12.02	0.14	0.06
Peoria, IL	40-41-37	089-35-20	10	30 x 30	15	Y	N	12	1.96	12.02	0.14	0.06
Peoria, IL	40-41-37	089-35-20	1	30 x 30	60	N	N	19	1.13	4.01	0.04	0.01
Peoria, IL	40-41-37	089-35-20	1	30 x 30	60	Y	N	12	1.13	4.01	0.04	0.01
Peoria, IL	40-41-37	089-35-20	1	30 x 30	60	Y	Y	9	1.13	4.01	0.04	0.01
Peoria, IL	40-41-37	089-35-20	1	30 x 30	30	N	N	19	1.13	4.01	0.04	0.01
Peoria, IL	40-41-37	089-35-20	1	30 x 30	30	Y	N	12	1.13	4.01	0.04	0.01
Peoria, IL	40-41-37	089-35-20	1	30 x 30	15	N	N	19	1.13	4.01	0.04	0.01
Peoria, IL	40-41-37	089-35-20	1	30 x 30	15	Y	N	12	1.13	4.01	0.04	0.01

Appendix D: LP100, LP10 and LP1 Simulation Results - Coverage

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
Philadelphia, PA	39-57-08	075-09-51	100	30 x 30	60	N	N	3	3.50	38.53	0.44	0.60
Philadelphia, PA	39-57-08	075-09-51	100	30 x 30	60	Y	N	0	3.50	38.53	0.44	0.60
Philadelphia, PA	39-57-08	075-09-51	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Philadelphia, PA	39-57-08	075-09-51	100	30 x 30	30	N	N	3	3.50	38.53	0.44	0.60
Philadelphia, PA	39-57-08	075-09-51	100	30 x 30	30	Y	N	0	3.50	38.53	0.44	0.60
Philadelphia, PA	39-57-08	075-09-51	100	30 x 30	15	N	N	3	3.50	38.53	0.44	0.60
Philadelphia, PA	39-57-08	075-09-51	100	30 x 30	15	Y	N	0	3.50	38.53	0.44	0.60
Philadelphia, PA	39-57-08	075-09-51	10	30 x 30	60	N	N	4	1.96	12.02	0.14	0.06
Philadelphia, PA	39-57-08	075-09-51	10	30 x 30	60	Y	N	0	1.96	12.02	0.14	0.06
Philadelphia, PA	39-57-08	075-09-51	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Philadelphia, PA	39-57-08	075-09-51	10	30 x 30	30	N	N	4	1.96	12.02	0.14	0.06
Philadelphia, PA	39-57-08	075-09-51	10	30 x 30	30	Y	N	0	1.96	12.02	0.14	0.06
Philadelphia, PA	39-57-08	075-09-51	10	30 x 30	15	N	N	4	1.96	12.02	0.14	0.06
Philadelphia, PA	39-57-08	075-09-51	10	30 x 30	15	Y	N	0	1.96	12.02	0.14	0.06
Philadelphia, PA	39-57-08	075-09-51	1	30 x 30	60	N	N	5	1.13	4.01	0.04	0.01
Philadelphia, PA	39-57-08	075-09-51	1	30 x 30	60	Y	N	0	1.13	4.01	0.04	0.01
Philadelphia, PA	39-57-08	075-09-51	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Philadelphia, PA	39-57-08	075-09-51	1	30 x 30	30	N	N	5	1.13	4.01	0.04	0.01
Philadelphia, PA	39-57-08	075-09-51	1	30 x 30	30	Y	N	0	1.13	4.01	0.04	0.01
Philadelphia, PA	39-57-08	075-09-51	1	30 x 30	15	N	N	5	1.13	4.01	0.04	0.01
Philadelphia, PA	39-57-08	075-09-51	1	30 x 30	15	Y	N	0	1.13	4.01	0.04	0.01
Phoenix, AZ	33-26-54	112-04-24	100	30 x 30	60	N	N	11	3.50	38.53	0.44	0.60
Phoenix, AZ	33-26-54	112-04-24	100	30 x 30	60	Y	N	2	3.50	38.53	0.44	0.60
Phoenix, AZ	33-26-54	112-04-24	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Phoenix, AZ	33-26-54	112-04-24	100	30 x 30	30	N	N	12	3.50	38.53	0.44	0.60
Phoenix, AZ	33-26-54	112-04-24	100	30 x 30	30	Y	N	3	3.50	38.53	0.44	0.60
Phoenix, AZ	33-26-54	112-04-24	100	30 x 30	15	N	N	13	3.50	38.53	0.44	0.60
Phoenix, AZ	33-26-54	112-04-24	100	30 x 30	15	Y	N	4	3.50	38.53	0.44	0.60
Phoenix, AZ	33-26-54	112-04-24	10	30 x 30	60	N	N	19	1.96	12.02	0.14	0.06
Phoenix, AZ	33-26-54	112-04-24	10	30 x 30	60	Y	N	5	1.96	12.02	0.14	0.06
Phoenix, AZ	33-26-54	112-04-24	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Phoenix, AZ	33-26-54	112-04-24	10	30 x 30	30	N	N	19	1.96	12.02	0.14	0.06
Phoenix, AZ	33-26-54	112-04-24	10	30 x 30	30	Y	N	5	1.96	12.02	0.14	0.06
Phoenix, AZ	33-26-54	112-04-24	10	30 x 30	15	N	N	19	1.96	12.02	0.14	0.06
Phoenix, AZ	33-26-54	112-04-24	10	30 x 30	15	Y	N	5	1.96	12.02	0.14	0.06
Phoenix, AZ	33-26-54	112-04-24	1	30 x 30	60	N	N	20	1.13	4.01	0.04	0.01
Phoenix, AZ	33-26-54	112-04-24	1	30 x 30	60	Y	N	5	1.13	4.01	0.04	0.01
Phoenix, AZ	33-26-54	112-04-24	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Phoenix, AZ	33-26-54	112-04-24	1	30 x 30	30	N	N	20	1.13	4.01	0.04	0.01
Phoenix, AZ	33-26-54	112-04-24	1	30 x 30	30	Y	N	5	1.13	4.01	0.04	0.01
Phoenix, AZ	33-26-54	112-04-24	1	30 x 30	15	N	N	20	1.13	4.01	0.04	0.01
Phoenix, AZ	33-26-54	112-04-24	1	30 x 30	15	Y	N	5	1.13	4.01	0.04	0.01
Pittsburgh, PA	40-26-26	079-59-46	100	30 x 30	60	N	N	7	3.50	38.53	0.44	0.60
Pittsburgh, PA	40-26-26	079-59-46	100	30 x 30	60	Y	N	4	3.50	38.53	0.44	0.60
Pittsburgh, PA	40-26-26	079-59-46	100	30 x 30	60	Y	Y	1	3.50	38.53	0.44	0.60
Pittsburgh, PA	40-26-26	079-59-46	100	30 x 30	30	N	N	7	3.50	38.53	0.44	0.60
Pittsburgh, PA	40-26-26	079-59-46	100	30 x 30	30	Y	N	4	3.50	38.53	0.44	0.60
Pittsburgh, PA	40-26-26	079-59-46	100	30 x 30	15	N	N	7	3.50	38.53	0.44	0.60
Pittsburgh, PA	40-26-26	079-59-46	100	30 x 30	15	Y	N	4	3.50	38.53	0.44	0.60
Pittsburgh, PA	40-26-26	079-59-46	10	30 x 30	60	N	N	7	1.96	12.02	0.14	0.06
Pittsburgh, PA	40-26-26	079-59-46	10	30 x 30	60	Y	N	4	1.96	12.02	0.14	0.06
Pittsburgh, PA	40-26-26	079-59-46	10	30 x 30	60	Y	Y	1	1.96	12.02	0.14	0.06
Pittsburgh, PA	40-26-26	079-59-46	10	30 x 30	30	N	N	7	1.96	12.02	0.14	0.06
Pittsburgh, PA	40-26-26	079-59-46	10	30 x 30	30	Y	N	4	1.96	12.02	0.14	0.06
Pittsburgh, PA	40-26-26	079-59-46	10	30 x 30	15	N	N	7	1.96	12.02	0.14	0.06
Pittsburgh, PA	40-26-26	079-59-46	10	30 x 30	15	Y	N	4	1.96	12.02	0.14	0.06
Pittsburgh, PA	40-26-26	079-59-46	1	30 x 30	60	N	N	9	1.13	4.01	0.04	0.01
Pittsburgh, PA	40-26-26	079-59-46	1	30 x 30	60	Y	N	5	1.13	4.01	0.04	0.01
Pittsburgh, PA	40-26-26	079-59-46	1	30 x 30	60	Y	Y	1	1.13	4.01	0.04	0.01
Pittsburgh, PA	40-26-26	079-59-46	1	30 x 30	30	N	N	9	1.13	4.01	0.04	0.01
Pittsburgh, PA	40-26-26	079-59-46	1	30 x 30	30	Y	N	5	1.13	4.01	0.04	0.01
Pittsburgh, PA	40-26-26	079-59-46	1	30 x 30	15	N	N	9	1.13	4.01	0.04	0.01
Pittsburgh, PA	40-26-26	079-59-46	1	30 x 30	15	Y	N	5	1.13	4.01	0.04	0.01

Appendix D: LP100, LP10 and LP1 Simulation Results - Coverage

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
Raleigh, NC	35-46-19	078-38-20	100	30 x 30	60	N	N	7	3.50	38.53	0.44	0.60
Raleigh, NC	35-46-19	078-38-20	100	30 x 30	60	Y	N	1	3.50	38.53	0.44	0.60
Raleigh, NC	35-46-19	078-38-20	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Raleigh, NC	35-46-19	078-38-20	100	30 x 30	30	N	N	7	3.50	38.53	0.44	0.60
Raleigh, NC	35-46-19	078-38-20	100	30 x 30	30	Y	N	1	3.50	38.53	0.44	0.60
Raleigh, NC	35-46-19	078-38-20	100	30 x 30	15	N	N	7	3.50	38.53	0.44	0.60
Raleigh, NC	35-46-19	078-38-20	100	30 x 30	15	Y	N	1	3.50	38.53	0.44	0.60
Raleigh, NC	35-46-19	078-38-20	10	30 x 30	60	N	N	10	1.96	12.02	0.14	0.06
Raleigh, NC	35-46-19	078-38-20	10	30 x 30	60	Y	N	3	1.96	12.02	0.14	0.06
Raleigh, NC	35-46-19	078-38-20	10	30 x 30	60	Y	Y	1	1.96	12.02	0.14	0.06
Raleigh, NC	35-46-19	078-38-20	10	30 x 30	30	N	N	10	1.96	12.02	0.14	0.06
Raleigh, NC	35-46-19	078-38-20	10	30 x 30	30	Y	N	3	1.96	12.02	0.14	0.06
Raleigh, NC	35-46-19	078-38-20	10	30 x 30	15	N	N	10	1.96	12.02	0.14	0.06
Raleigh, NC	35-46-19	078-38-20	10	30 x 30	15	Y	N	3	1.96	12.02	0.14	0.06
Raleigh, NC	35-46-19	078-38-20	1	30 x 30	60	N	N	10	1.13	4.01	0.04	0.01
Raleigh, NC	35-46-19	078-38-20	1	30 x 30	60	Y	N	3	1.13	4.01	0.04	0.01
Raleigh, NC	35-46-19	078-38-20	1	30 x 30	60	Y	Y	1	1.13	4.01	0.04	0.01
Raleigh, NC	35-46-19	078-38-20	1	30 x 30	30	N	N	10	1.13	4.01	0.04	0.01
Raleigh, NC	35-46-19	078-38-20	1	30 x 30	30	Y	N	3	1.13	4.01	0.04	0.01
Raleigh, NC	35-46-19	078-38-20	1	30 x 30	15	N	N	10	1.13	4.01	0.04	0.01
Raleigh, NC	35-46-19	078-38-20	1	30 x 30	15	Y	N	3	1.13	4.01	0.04	0.01
Richmond, VA	37-33-13	077-27-38	100	30 x 30	60	N	N	27	3.50	38.53	0.44	0.60
Richmond, VA	37-33-13	077-27-38	100	30 x 30	60	Y	N	16	3.50	38.53	0.44	0.60
Richmond, VA	37-33-13	077-27-38	100	30 x 30	60	Y	Y	9	3.50	38.53	0.44	0.60
Richmond, VA	37-33-13	077-27-38	100	30 x 30	30	N	N	27	3.50	38.53	0.44	0.60
Richmond, VA	37-33-13	077-27-38	100	30 x 30	30	Y	N	16	3.50	38.53	0.44	0.60
Richmond, VA	37-33-13	077-27-38	100	30 x 30	15	N	N	27	3.50	38.53	0.44	0.60
Richmond, VA	37-33-13	077-27-38	100	30 x 30	15	Y	N	16	3.50	38.53	0.44	0.60
Richmond, VA	37-33-13	077-27-38	10	30 x 30	60	N	N	28	1.96	12.02	0.14	0.06
Richmond, VA	37-33-13	077-27-38	10	30 x 30	60	Y	N	19	1.96	12.02	0.14	0.06
Richmond, VA	37-33-13	077-27-38	10	30 x 30	60	Y	Y	12	1.96	12.02	0.14	0.06
Richmond, VA	37-33-13	077-27-38	10	30 x 30	30	N	N	28	1.96	12.02	0.14	0.06
Richmond, VA	37-33-13	077-27-38	10	30 x 30	30	Y	N	19	1.96	12.02	0.14	0.06
Richmond, VA	37-33-13	077-27-38	10	30 x 30	15	N	N	29	1.96	12.02	0.14	0.06
Richmond, VA	37-33-13	077-27-38	10	30 x 30	15	Y	N	19	1.96	12.02	0.14	0.06
Richmond, VA	37-33-13	077-27-38	1	30 x 30	60	N	N	28	1.13	4.01	0.04	0.01
Richmond, VA	37-33-13	077-27-38	1	30 x 30	60	Y	N	19	1.13	4.01	0.04	0.01
Richmond, VA	37-33-13	077-27-38	1	30 x 30	60	Y	Y	12	1.13	4.01	0.04	0.01
Richmond, VA	37-33-13	077-27-38	1	30 x 30	30	N	N	29	1.13	4.01	0.04	0.01
Richmond, VA	37-33-13	077-27-38	1	30 x 30	30	Y	N	19	1.13	4.01	0.04	0.01
Richmond, VA	37-33-13	077-27-38	1	30 x 30	15	N	N	30	1.13	4.01	0.04	0.01
Richmond, VA	37-33-13	077-27-38	1	30 x 30	15	Y	N	19	1.13	4.01	0.04	0.01
Salt Lake City, UT	40-45-39	111-53-25	100	20 x 20	60	Y	N	0	3.50	38.53	0.44	0.60
Salt Lake City, UT	40-45-39	111-53-25	100	20 x 20	60	Y	Y	0	3.50	38.53	0.44	0.60
Salt Lake City, UT	40-45-39	111-53-25	100	20 x 20	30	N	N	5	3.50	38.53	0.44	0.60
Salt Lake City, UT	40-45-39	111-53-25	100	20 x 20	30	Y	N	0	3.50	38.53	0.44	0.60
Salt Lake City, UT	40-45-39	111-53-25	100	20 x 20	15	N	N	5	3.50	38.53	0.44	0.60
Salt Lake City, UT	40-45-39	111-53-25	100	20 x 20	15	Y	N	0	3.50	38.53	0.44	0.60
Salt Lake City, UT	40-45-39	111-53-25	10	20 x 20	60	Y	N	0	1.96	12.02	0.14	0.06
Salt Lake City, UT	40-45-39	111-53-25	10	20 x 20	60	Y	Y	0	1.96	12.02	0.14	0.06
Salt Lake City, UT	40-45-39	111-53-25	10	20 x 20	30	N	N	8	1.96	12.02	0.14	0.06
Salt Lake City, UT	40-45-39	111-53-25	10	20 x 20	30	Y	N	0	1.96	12.02	0.14	0.06
Salt Lake City, UT	40-45-39	111-53-25	10	20 x 20	15	N	N	8	1.96	12.02	0.14	0.06
Salt Lake City, UT	40-45-39	111-53-25	10	20 x 20	15	Y	N	0	1.96	12.02	0.14	0.06
Salt Lake City, UT	40-45-39	111-53-25	1	20 x 20	60	Y	N	1	1.13	4.01	0.04	0.01
Salt Lake City, UT	40-45-39	111-53-25	1	20 x 20	60	Y	Y	0	1.13	4.01	0.04	0.01
Salt Lake City, UT	40-45-39	111-53-25	1	20 x 20	30	N	N	9	1.13	4.01	0.04	0.01
Salt Lake City, UT	40-45-39	111-53-25	1	20 x 20	30	Y	N	1	1.13	4.01	0.04	0.01
Salt Lake City, UT	40-45-39	111-53-25	1	20 x 20	15	N	N	9	1.13	4.01	0.04	0.01
Salt Lake City, UT	40-45-39	111-53-25	1	20 x 20	15	Y	N	1	1.13	4.01	0.04	0.01
San Antonio, TX	29-25-26	098-29-36	100	30 x 30	60	N	N	17	3.50	38.53	0.44	0.60
San Antonio, TX	29-25-26	098-29-36	100	30 x 30	60	Y	N	6	3.50	38.53	0.44	0.60
San Antonio, TX	29-25-26	098-29-36	100	30 x 30	60	Y	Y	1	3.50	38.53	0.44	0.60

Appendix D: LP100, LP10 and LP1 Simulation Results - Coverage

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
San Antonio, TX	29-25-26	098-29-36	100	30 x 30	30	N	N	17	3.50	38.53	0.44	0.60
San Antonio, TX	29-25-26	098-29-36	100	30 x 30	30	Y	N	6	3.50	38.53	0.44	0.60
San Antonio, TX	29-25-26	098-29-36	100	30 x 30	15	N	N	17	3.50	38.53	0.44	0.60
San Antonio, TX	29-25-26	098-29-36	100	30 x 30	15	Y	N	6	3.50	38.53	0.44	0.60
San Antonio, TX	29-25-26	098-29-36	10	30 x 30	60	N	N	20	1.96	12.02	0.14	0.06
San Antonio, TX	29-25-26	098-29-36	10	30 x 30	60	Y	N	8	1.96	12.02	0.14	0.06
San Antonio, TX	29-25-26	098-29-36	10	30 x 30	60	Y	Y	2	1.96	12.02	0.14	0.06
San Antonio, TX	29-25-26	098-29-36	10	30 x 30	30	N	N	20	1.96	12.02	0.14	0.06
San Antonio, TX	29-25-26	098-29-36	10	30 x 30	30	Y	N	8	1.96	12.02	0.14	0.06
San Antonio, TX	29-25-26	098-29-36	10	30 x 30	15	N	N	20	1.96	12.02	0.14	0.06
San Antonio, TX	29-25-26	098-29-36	10	30 x 30	15	Y	N	8	1.96	12.02	0.14	0.06
San Antonio, TX	29-25-26	098-29-36	1	30 x 30	60	N	N	20	1.13	4.01	0.04	0.01
San Antonio, TX	29-25-26	098-29-36	1	30 x 30	60	Y	N	8	1.13	4.01	0.04	0.01
San Antonio, TX	29-25-26	098-29-36	1	30 x 30	60	Y	Y	2	1.13	4.01	0.04	0.01
San Antonio, TX	29-25-26	098-29-36	1	30 x 30	30	N	N	20	1.13	4.01	0.04	0.01
San Antonio, TX	29-25-26	098-29-36	1	30 x 30	30	Y	N	8	1.13	4.01	0.04	0.01
San Antonio, TX	29-25-26	098-29-36	1	30 x 30	15	N	N	20	1.13	4.01	0.04	0.01
San Antonio, TX	29-25-26	098-29-36	1	30 x 30	15	Y	N	8	1.13	4.01	0.04	0.01
San Diego, CA	32-42-55	117-09-23	100	30 x 30	60	N	N	1	3.50	38.53	0.44	0.60
San Diego, CA	32-42-55	117-09-23	100	30 x 30	60	Y	N	0	3.50	38.53	0.44	0.60
San Diego, CA	32-42-55	117-09-23	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
San Diego, CA	32-42-55	117-09-23	100	30 x 30	30	N	N	1	3.50	38.53	0.44	0.60
San Diego, CA	32-42-55	117-09-23	100	30 x 30	30	Y	N	0	3.50	38.53	0.44	0.60
San Diego, CA	32-42-55	117-09-23	100	30 x 30	15	N	N	1	3.50	38.53	0.44	0.60
San Diego, CA	32-42-55	117-09-23	100	30 x 30	15	Y	N	0	3.50	38.53	0.44	0.60
San Diego, CA	32-42-55	117-09-23	10	30 x 30	60	N	N	2	1.96	12.02	0.14	0.06
San Diego, CA	32-42-55	117-09-23	10	30 x 30	60	Y	N	0	1.96	12.02	0.14	0.06
San Diego, CA	32-42-55	117-09-23	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
San Diego, CA	32-42-55	117-09-23	10	30 x 30	30	N	N	2	1.96	12.02	0.14	0.06
San Diego, CA	32-42-55	117-09-23	10	30 x 30	30	Y	N	0	1.96	12.02	0.14	0.06
San Diego, CA	32-42-55	117-09-23	10	30 x 30	15	N	N	2	1.96	12.02	0.14	0.06
San Diego, CA	32-42-55	117-09-23	10	30 x 30	15	Y	N	0	1.96	12.02	0.14	0.06
San Diego, CA	32-42-55	117-09-23	1	30 x 30	60	N	N	2	1.13	4.01	0.04	0.01
San Diego, CA	32-42-55	117-09-23	1	30 x 30	60	Y	N	0	1.13	4.01	0.04	0.01
San Diego, CA	32-42-55	117-09-23	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
San Diego, CA	32-42-55	117-09-23	1	30 x 30	30	N	N	2	1.13	4.01	0.04	0.01
San Diego, CA	32-42-55	117-09-23	1	30 x 30	30	Y	N	0	1.13	4.01	0.04	0.01
San Diego, CA	32-42-55	117-09-23	1	30 x 30	15	N	N	2	1.13	4.01	0.04	0.01
San Diego, CA	32-42-55	117-09-23	1	30 x 30	15	Y	N	0	1.13	4.01	0.04	0.01
San Francisco, CA	37-46-30	122-25-06	100	30 x 30	60	N	N	0	3.50	38.53	0.44	0.60
San Francisco, CA	37-46-30	122-25-06	100	30 x 30	60	Y	N	0	3.50	38.53	0.44	0.60
San Francisco, CA	37-46-30	122-25-06	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
San Francisco, CA	37-46-30	122-25-06	100	30 x 30	30	N	N	0	3.50	38.53	0.44	0.60
San Francisco, CA	37-46-30	122-25-06	100	30 x 30	30	Y	N	0	3.50	38.53	0.44	0.60
San Francisco, CA	37-46-30	122-25-06	100	30 x 30	15	N	N	1	3.50	38.53	0.44	0.60
San Francisco, CA	37-46-30	122-25-06	100	30 x 30	15	Y	N	0	3.50	38.53	0.44	0.60
San Francisco, CA	37-46-30	122-25-06	10	30 x 30	60	N	N	2	1.96	12.02	0.14	0.06
San Francisco, CA	37-46-30	122-25-06	10	30 x 30	60	Y	N	0	1.96	12.02	0.14	0.06
San Francisco, CA	37-46-30	122-25-06	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
San Francisco, CA	37-46-30	122-25-06	10	30 x 30	30	N	N	5	1.96	12.02	0.14	0.06
San Francisco, CA	37-46-30	122-25-06	10	30 x 30	30	Y	N	1	1.96	12.02	0.14	0.06
San Francisco, CA	37-46-30	122-25-06	10	30 x 30	15	N	N	5	1.96	12.02	0.14	0.06
San Francisco, CA	37-46-30	122-25-06	10	30 x 30	15	Y	N	1	1.96	12.02	0.14	0.06
San Francisco, CA	37-46-30	122-25-06	1	30 x 30	60	N	N	2	1.13	4.01	0.04	0.01
San Francisco, CA	37-46-30	122-25-06	1	30 x 30	60	Y	N	0	1.13	4.01	0.04	0.01
San Francisco, CA	37-46-30	122-25-06	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
San Francisco, CA	37-46-30	122-25-06	1	30 x 30	30	N	N	5	1.13	4.01	0.04	0.01
San Francisco, CA	37-46-30	122-25-06	1	30 x 30	30	Y	N	1	1.13	4.01	0.04	0.01
San Francisco, CA	37-46-30	122-25-06	1	30 x 30	15	N	N	5	1.13	4.01	0.04	0.01
San Francisco, CA	37-46-30	122-25-06	1	30 x 30	15	Y	N	1	1.13	4.01	0.04	0.01
San Jose, CA	37-20-07	121-53-38	100	30 x 30	60	N	N	4	3.50	38.53	0.44	0.60
San Jose, CA	37-20-07	121-53-38	100	30 x 30	60	Y	N	2	3.50	38.53	0.44	0.60
San Jose, CA	37-20-07	121-53-38	100	30 x 30	60	Y	Y	1	3.50	38.53	0.44	0.60

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
San Jose, CA	37-20-07	121-53-38	100	30 x 30	30	N	N	4	3.50	38.53	0.44	0.60
San Jose, CA	37-20-07	121-53-38	100	30 x 30	30	Y	N	2	3.50	38.53	0.44	0.60
San Jose, CA	37-20-07	121-53-38	100	30 x 30	15	N	N	4	3.50	38.53	0.44	0.60
San Jose, CA	37-20-07	121-53-38	100	30 x 30	15	Y	N	2	3.50	38.53	0.44	0.60
San Jose, CA	37-20-07	121-53-38	10	30 x 30	60	N	N	6	1.96	12.02	0.14	0.06
San Jose, CA	37-20-07	121-53-38	10	30 x 30	60	Y	N	5	1.96	12.02	0.14	0.06
San Jose, CA	37-20-07	121-53-38	10	30 x 30	60	Y	Y	2	1.96	12.02	0.14	0.06
San Jose, CA	37-20-07	121-53-38	10	30 x 30	30	N	N	6	1.96	12.02	0.14	0.06
San Jose, CA	37-20-07	121-53-38	10	30 x 30	30	Y	N	5	1.96	12.02	0.14	0.06
San Jose, CA	37-20-07	121-53-38	10	30 x 30	15	N	N	6	1.96	12.02	0.14	0.06
San Jose, CA	37-20-07	121-53-38	10	30 x 30	15	Y	N	5	1.96	12.02	0.14	0.06
San Jose, CA	37-20-07	121-53-38	1	30 x 30	60	N	N	7	1.13	4.01	0.04	0.01
San Jose, CA	37-20-07	121-53-38	1	30 x 30	60	Y	N	6	1.13	4.01	0.04	0.01
San Jose, CA	37-20-07	121-53-38	1	30 x 30	60	Y	Y	2	1.13	4.01	0.04	0.01
San Jose, CA	37-20-07	121-53-38	1	30 x 30	30	N	N	7	1.13	4.01	0.04	0.01
San Jose, CA	37-20-07	121-53-38	1	30 x 30	30	Y	N	6	1.13	4.01	0.04	0.01
San Jose, CA	37-20-07	121-53-38	1	30 x 30	15	N	N	7	1.13	4.01	0.04	0.01
San Jose, CA	37-20-07	121-53-38	1	30 x 30	15	Y	N	6	1.13	4.01	0.04	0.01
Santa Barbara, CA	34-25-24	119-42-12	100	20 x 20	60	N	N	17	3.50	38.53	0.44	0.60
Santa Barbara, CA	34-25-24	119-42-12	100	20 x 20	60	Y	N	5	3.50	38.53	0.44	0.60
Santa Barbara, CA	34-25-24	119-42-12	100	20 x 20	60	Y	Y	2	3.50	38.53	0.44	0.60
Santa Barbara, CA	34-25-24	119-42-12	100	20 x 20	30	N	N	17	3.50	38.53	0.44	0.60
Santa Barbara, CA	34-25-24	119-42-12	100	20 x 20	30	Y	N	6	3.50	38.53	0.44	0.60
Santa Barbara, CA	34-25-24	119-42-12	100	20 x 20	15	N	N	21	3.50	38.53	0.44	0.60
Santa Barbara, CA	34-25-24	119-42-12	100	20 x 20	15	Y	N	10	3.50	38.53	0.44	0.60
Santa Barbara, CA	34-25-24	119-42-12	10	20 x 20	60	Y	N	8	1.96	12.02	0.14	0.06
Santa Barbara, CA	34-25-24	119-42-12	10	20 x 20	60	Y	Y	3	1.96	12.02	0.14	0.06
Santa Barbara, CA	34-25-24	119-42-12	10	20 x 20	30	N	N	19	1.96	12.02	0.14	0.06
Santa Barbara, CA	34-25-24	119-42-12	10	20 x 20	30	Y	N	8	1.96	12.02	0.14	0.06
Santa Barbara, CA	34-25-24	119-42-12	10	20 x 20	15	N	N	27	1.96	12.02	0.14	0.06
Santa Barbara, CA	34-25-24	119-42-12	10	20 x 20	15	Y	N	15	1.96	12.02	0.14	0.06
Santa Barbara, CA	34-25-24	119-42-12	1	20 x 20	60	Y	N	10	1.13	4.01	0.04	0.01
Santa Barbara, CA	34-25-24	119-42-12	1	20 x 20	60	Y	Y	4	1.13	4.01	0.04	0.01
Santa Barbara, CA	34-25-24	119-42-12	1	20 x 20	30	N	N	21	1.13	4.01	0.04	0.01
Santa Barbara, CA	34-25-24	119-42-12	1	20 x 20	30	Y	N	12	1.13	4.01	0.04	0.01
Santa Barbara, CA	34-25-24	119-42-12	1	20 x 20	15	N	N	27	1.13	4.01	0.04	0.01
Santa Barbara, CA	34-25-24	119-42-12	1	20 x 20	15	Y	N	15	1.13	4.01	0.04	0.01
Spokane, WA	47-39-32	117-25-30	100	30 x 30	60	N	N	12	3.50	38.53	0.44	0.60
Spokane, WA	47-39-32	117-25-30	100	30 x 30	60	Y	N	4	3.50	38.53	0.44	0.60
Spokane, WA	47-39-32	117-25-30	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Spokane, WA	47-39-32	117-25-30	100	30 x 30	30	N	N	12	3.50	38.53	0.44	0.60
Spokane, WA	47-39-32	117-25-30	100	30 x 30	30	Y	N	4	3.50	38.53	0.44	0.60
Spokane, WA	47-39-32	117-25-30	100	30 x 30	15	N	N	16	3.50	38.53	0.44	0.60
Spokane, WA	47-39-32	117-25-30	100	30 x 30	15	Y	N	5	3.50	38.53	0.44	0.60
Spokane, WA	47-39-32	117-25-30	10	30 x 30	60	N	N	13	1.96	12.02	0.14	0.06
Spokane, WA	47-39-32	117-25-30	10	30 x 30	60	Y	N	5	1.96	12.02	0.14	0.06
Spokane, WA	47-39-32	117-25-30	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Spokane, WA	47-39-32	117-25-30	10	30 x 30	30	N	N	13	1.96	12.02	0.14	0.06
Spokane, WA	47-39-32	117-25-30	10	30 x 30	30	Y	N	5	1.96	12.02	0.14	0.06
Spokane, WA	47-39-32	117-25-30	10	30 x 30	15	N	N	17	1.96	12.02	0.14	0.06
Spokane, WA	47-39-32	117-25-30	10	30 x 30	15	Y	N	6	1.96	12.02	0.14	0.06
Spokane, WA	47-39-32	117-25-30	1	30 x 30	60	N	N	13	1.13	4.01	0.04	0.01
Spokane, WA	47-39-32	117-25-30	1	30 x 30	60	Y	N	5	1.13	4.01	0.04	0.01
Spokane, WA	47-39-32	117-25-30	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Spokane, WA	47-39-32	117-25-30	1	30 x 30	30	N	N	13	1.13	4.01	0.04	0.01
Spokane, WA	47-39-32	117-25-30	1	30 x 30	30	Y	N	5	1.13	4.01	0.04	0.01
Spokane, WA	47-39-32	117-25-30	1	30 x 30	15	N	N	17	1.13	4.01	0.04	0.01
Spokane, WA	47-39-32	117-25-30	1	30 x 30	15	Y	N	6	1.13	4.01	0.04	0.01
Springfield, MA	42-06-05	072-35-25	100	30 x 30	60	N	N	16	3.50	38.53	0.44	0.60
Springfield, MA	42-06-05	072-35-25	100	30 x 30	60	Y	N	9	3.50	38.53	0.44	0.60
Springfield, MA	42-06-05	072-35-25	100	30 x 30	60	Y	Y	5	3.50	38.53	0.44	0.60
Springfield, MA	42-06-05	072-35-25	100	30 x 30	30	N	N	16	3.50	38.53	0.44	0.60
Springfield, MA	42-06-05	072-35-25	100	30 x 30	30	Y	N	9	3.50	38.53	0.44	0.60

Appendix D: LP100, LP10 and LP1 Simulation Results - Coverage

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
Springfield, MA	42-06-05	072-35-25	100	30 x 30	15	N	N	16	3.50	38.53	0.44	0.60
Springfield, MA	42-06-05	072-35-25	100	30 x 30	15	Y	N	9	3.50	38.53	0.44	0.60
Springfield, MA	42-06-05	072-35-25	10	30 x 30	60	N	N	20	1.96	12.02	0.14	0.06
Springfield, MA	42-06-05	072-35-25	10	30 x 30	60	Y	N	12	1.96	12.02	0.14	0.06
Springfield, MA	42-06-05	072-35-25	10	30 x 30	60	Y	Y	8	1.96	12.02	0.14	0.06
Springfield, MA	42-06-05	072-35-25	10	30 x 30	30	N	N	20	1.96	12.02	0.14	0.06
Springfield, MA	42-06-05	072-35-25	10	30 x 30	30	Y	N	12	1.96	12.02	0.14	0.06
Springfield, MA	42-06-05	072-35-25	10	30 x 30	15	N	N	20	1.96	12.02	0.14	0.06
Springfield, MA	42-06-05	072-35-25	10	30 x 30	15	Y	N	12	1.96	12.02	0.14	0.06
Springfield, MA	42-06-05	072-35-25	1	30 x 30	60	N	N	20	1.13	4.01	0.04	0.01
Springfield, MA	42-06-05	072-35-25	1	30 x 30	60	Y	N	12	1.13	4.01	0.04	0.01
Springfield, MA	42-06-05	072-35-25	1	30 x 30	60	Y	Y	8	1.13	4.01	0.04	0.01
Springfield, MA	42-06-05	072-35-25	1	30 x 30	30	N	N	20	1.13	4.01	0.04	0.01
Springfield, MA	42-06-05	072-35-25	1	30 x 30	30	Y	N	12	1.13	4.01	0.04	0.01
Springfield, MA	42-06-05	072-35-25	1	30 x 30	15	N	N	20	1.13	4.01	0.04	0.01
Springfield, MA	42-06-05	072-35-25	1	30 x 30	15	Y	N	12	1.13	4.01	0.04	0.01
St. Louis, MO	38-37-38	090-11-52	100	30 x 30	60	N	N	14	3.50	38.53	0.44	0.60
St. Louis, MO	38-37-38	090-11-52	100	30 x 30	60	Y	N	4	3.50	38.53	0.44	0.60
St. Louis, MO	38-37-38	090-11-52	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
St. Louis, MO	38-37-38	090-11-52	100	30 x 30	30	N	N	14	3.50	38.53	0.44	0.60
St. Louis, MO	38-37-38	090-11-52	100	30 x 30	30	Y	N	4	3.50	38.53	0.44	0.60
St. Louis, MO	38-37-38	090-11-52	100	30 x 30	15	N	N	14	3.50	38.53	0.44	0.60
St. Louis, MO	38-37-38	090-11-52	100	30 x 30	15	Y	N	4	3.50	38.53	0.44	0.60
St. Louis, MO	38-37-38	090-11-52	10	30 x 30	60	N	N	15	1.96	12.02	0.14	0.06
St. Louis, MO	38-37-38	090-11-52	10	30 x 30	60	Y	N	5	1.96	12.02	0.14	0.06
St. Louis, MO	38-37-38	090-11-52	10	30 x 30	60	Y	Y	1	1.96	12.02	0.14	0.06
St. Louis, MO	38-37-38	090-11-52	10	30 x 30	30	N	N	16	1.96	12.02	0.14	0.06
St. Louis, MO	38-37-38	090-11-52	10	30 x 30	30	Y	N	5	1.96	12.02	0.14	0.06
St. Louis, MO	38-37-38	090-11-52	10	30 x 30	15	N	N	16	1.96	12.02	0.14	0.06
St. Louis, MO	38-37-38	090-11-52	10	30 x 30	15	Y	N	5	1.96	12.02	0.14	0.06
St. Louis, MO	38-37-38	090-11-52	1	30 x 30	60	N	N	16	1.13	4.01	0.04	0.01
St. Louis, MO	38-37-38	090-11-52	1	30 x 30	60	Y	N	5	1.13	4.01	0.04	0.01
St. Louis, MO	38-37-38	090-11-52	1	30 x 30	60	Y	Y	1	1.13	4.01	0.04	0.01
St. Louis, MO	38-37-38	090-11-52	1	30 x 30	30	N	N	16	1.13	4.01	0.04	0.01
St. Louis, MO	38-37-38	090-11-52	1	30 x 30	30	Y	N	5	1.13	4.01	0.04	0.01
St. Louis, MO	38-37-38	090-11-52	1	30 x 30	15	N	N	16	1.13	4.01	0.04	0.01
St. Louis, MO	38-37-38	090-11-52	1	30 x 30	15	Y	N	5	1.13	4.01	0.04	0.01
Trenton, NJ	40-13-01	074-44-36	100	30 x 30	60	N	N	2	3.50	38.53	0.44	0.60
Trenton, NJ	40-13-01	074-44-36	100	30 x 30	60	Y	N	0	3.50	38.53	0.44	0.60
Trenton, NJ	40-13-01	074-44-36	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Trenton, NJ	40-13-01	074-44-36	100	30 x 30	30	N	N	2	3.50	38.53	0.44	0.60
Trenton, NJ	40-13-01	074-44-36	100	30 x 30	30	Y	N	0	3.50	38.53	0.44	0.60
Trenton, NJ	40-13-01	074-44-36	100	30 x 30	15	Y	N	0	3.50	38.53	0.44	0.60
Trenton, NJ	40-13-01	074-44-36	10	30 x 30	60	N	N	4	1.96	12.02	0.14	0.06
Trenton, NJ	40-13-01	074-44-36	10	30 x 30	60	Y	N	0	1.96	12.02	0.14	0.06
Trenton, NJ	40-13-01	074-44-36	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Trenton, NJ	40-13-01	074-44-36	10	30 x 30	30	N	N	4	1.96	12.02	0.14	0.06
Trenton, NJ	40-13-01	074-44-36	10	30 x 30	30	Y	N	0	1.96	12.02	0.14	0.06
Trenton, NJ	40-13-01	074-44-36	10	30 x 30	15	N	N	4	1.96	12.02	0.14	0.06
Trenton, NJ	40-13-01	074-44-36	10	30 x 30	15	Y	N	0	1.96	12.02	0.14	0.06
Trenton, NJ	40-13-01	074-44-36	1	30 x 30	60	N	N	5	1.13	4.01	0.04	0.01
Trenton, NJ	40-13-01	074-44-36	1	30 x 30	30	N	N	5	1.13	4.01	0.04	0.01
Trenton, NJ	40-13-01	074-44-36	1	30 x 30	30	Y	N	1	1.13	4.01	0.04	0.01
Trenton, NJ	40-13-01	074-44-36	1	30 x 30	15	N	N	5	1.13	4.01	0.04	0.01
Tucson, AZ	32-13-18	110-55-33	100	30 x 30	60	N	N	11	3.50	38.53	0.44	0.60
Tucson, AZ	32-13-18	110-55-33	100	30 x 30	60	Y	N	7	3.50	38.53	0.44	0.60
Tucson, AZ	32-13-18	110-55-33	100	30 x 30	60	Y	Y	7	3.50	38.53	0.44	0.60
Tucson, AZ	32-13-18	110-55-33	100	30 x 30	30	N	N	12	3.50	38.53	0.44	0.60
Tucson, AZ	32-13-18	110-55-33	100	30 x 30	30	Y	N	7	3.50	38.53	0.44	0.60
Tucson, AZ	32-13-18	110-55-33	100	30 x 30	15	N	N	12	3.50	38.53	0.44	0.60
Tucson, AZ	32-13-18	110-55-33	100	30 x 30	15	Y	N	7	3.50	38.53	0.44	0.60
Tucson, AZ	32-13-18	110-55-33	10	30 x 30	60	N	N	22	1.96	12.02	0.14	0.06
Tucson, AZ	32-13-18	110-55-33	10	30 x 30	60	Y	N	17	1.96	12.02	0.14	0.06

Appendix D: LP100, LP10 and LP1 Simulation Results - Coverage

LOCATION	LATITUDE	LONGITUDE	POWER (W)	AREA (minutes)	GRID GRANULARITY (seconds)	2nd ADJ PROTECTED	3rd ADJ PROTECTED	NUM AVAIL CHANNELS	SERVING RADIUS (miles)	SERVING AREA (sq.miles)	INTERFERENCE RADIUS (miles)	INTERFERENCE AREA (sq.miles)
Tucson, AZ	32-13-18	110-55-33	10	30 x 30	60	Y	Y	14	1.96	12.02	0.14	0.06
Tucson, AZ	32-13-18	110-55-33	10	30 x 30	30	N	N	23	1.96	12.02	0.14	0.06
Tucson, AZ	32-13-18	110-55-33	10	30 x 30	30	Y	N	17	1.96	12.02	0.14	0.06
Tucson, AZ	32-13-18	110-55-33	10	30 x 30	15	N	N	23	1.96	12.02	0.14	0.06
Tucson, AZ	32-13-18	110-55-33	10	30 x 30	15	Y	N	17	1.96	12.02	0.14	0.06
Tucson, AZ	32-13-18	110-55-33	1	30 x 30	60	N	N	22	1.13	4.01	0.04	0.01
Tucson, AZ	32-13-18	110-55-33	1	30 x 30	60	Y	N	17	1.13	4.01	0.04	0.01
Tucson, AZ	32-13-18	110-55-33	1	30 x 30	60	Y	Y	14	1.13	4.01	0.04	0.01
Tucson, AZ	32-13-18	110-55-33	1	30 x 30	30	N	N	24	1.13	4.01	0.04	0.01
Tucson, AZ	32-13-18	110-55-33	1	30 x 30	30	Y	N	18	1.13	4.01	0.04	0.01
Tucson, AZ	32-13-18	110-55-33	1	30 x 30	15	N	N	25	1.13	4.01	0.04	0.01
Tucson, AZ	32-13-18	110-55-33	1	30 x 30	15	Y	N	19	1.13	4.01	0.04	0.01
Washington, DC	38-53-42	077-02-12	100	30 x 30	60	N	N	3	3.50	38.53	0.44	0.60
Washington, DC	38-53-42	077-02-12	100	30 x 30	60	Y	N	0	3.50	38.53	0.44	0.60
Washington, DC	38-53-42	077-02-12	100	30 x 30	60	Y	Y	0	3.50	38.53	0.44	0.60
Washington, DC	38-53-42	077-02-12	100	30 x 30	30	N	N	3	3.50	38.53	0.44	0.60
Washington, DC	38-53-42	077-02-12	100	30 x 30	30	Y	N	0	3.50	38.53	0.44	0.60
Washington, DC	38-53-42	077-02-12	100	30 x 30	15	Y	N	0	3.50	38.53	0.44	0.60
Washington, DC	38-53-42	077-02-12	10	30 x 30	60	N	N	5	1.96	12.02	0.14	0.06
Washington, DC	38-53-42	077-02-12	10	30 x 30	60	Y	N	0	1.96	12.02	0.14	0.06
Washington, DC	38-53-42	077-02-12	10	30 x 30	60	Y	Y	0	1.96	12.02	0.14	0.06
Washington, DC	38-53-42	077-02-12	10	30 x 30	30	N	N	5	1.96	12.02	0.14	0.06
Washington, DC	38-53-42	077-02-12	10	30 x 30	30	Y	N	0	1.96	12.02	0.14	0.06
Washington, DC	38-53-42	077-02-12	10	30 x 30	15	N	N	5	1.96	12.02	0.14	0.06
Washington, DC	38-53-42	077-02-12	10	30 x 30	15	Y	N	0	1.96	12.02	0.14	0.06
Washington, DC	38-53-42	077-02-12	1	30 x 30	60	N	N	5	1.13	4.01	0.04	0.01
Washington, DC	38-53-42	077-02-12	1	30 x 30	60	Y	N	0	1.13	4.01	0.04	0.01
Washington, DC	38-53-42	077-02-12	1	30 x 30	60	Y	Y	0	1.13	4.01	0.04	0.01
Washington, DC	38-53-42	077-02-12	1	30 x 30	30	N	N	5	1.13	4.01	0.04	0.01
Washington, DC	38-53-42	077-02-12	1	30 x 30	30	Y	N	0	1.13	4.01	0.04	0.01
Washington, DC	38-53-42	077-02-12	1	30 x 30	15	N	N	5	1.13	4.01	0.04	0.01
Washington, DC	38-53-42	077-02-12	1	30 x 30	15	Y	N	0	1.13	4.01	0.04	0.01
Wichita, KS	37-41-32	097-20-14	100	30 x 30	60	N	N	17	3.50	38.53	0.44	0.60
Wichita, KS	37-41-32	097-20-14	100	30 x 30	60	Y	N	6	3.50	38.53	0.44	0.60
Wichita, KS	37-41-32	097-20-14	100	30 x 30	60	Y	Y	2	3.50	38.53	0.44	0.60
Wichita, KS	37-41-32	097-20-14	100	30 x 30	30	N	N	18	3.50	38.53	0.44	0.60
Wichita, KS	37-41-32	097-20-14	100	30 x 30	30	Y	N	7	3.50	38.53	0.44	0.60
Wichita, KS	37-41-32	097-20-14	100	30 x 30	15	N	N	18	3.50	38.53	0.44	0.60
Wichita, KS	37-41-32	097-20-14	100	30 x 30	15	Y	N	7	3.50	38.53	0.44	0.60
Wichita, KS	37-41-32	097-20-14	10	30 x 30	60	N	N	21	1.96	12.02	0.14	0.06
Wichita, KS	37-41-32	097-20-14	10	30 x 30	60	Y	N	9	1.96	12.02	0.14	0.06
Wichita, KS	37-41-32	097-20-14	10	30 x 30	60	Y	Y	2	1.96	12.02	0.14	0.06
Wichita, KS	37-41-32	097-20-14	10	30 x 30	30	N	N	21	1.96	12.02	0.14	0.06
Wichita, KS	37-41-32	097-20-14	10	30 x 30	30	Y	N	9	1.96	12.02	0.14	0.06
Wichita, KS	37-41-32	097-20-14	10	30 x 30	15	N	N	21	1.96	12.02	0.14	0.06
Wichita, KS	37-41-32	097-20-14	10	30 x 30	15	Y	N	9	1.96	12.02	0.14	0.06
Wichita, KS	37-41-32	097-20-14	1	30 x 30	60	N	N	21	1.13	4.01	0.04	0.01
Wichita, KS	37-41-32	097-20-14	1	30 x 30	60	Y	N	9	1.13	4.01	0.04	0.01
Wichita, KS	37-41-32	097-20-14	1	30 x 30	60	Y	Y	2	1.13	4.01	0.04	0.01
Wichita, KS	37-41-32	097-20-14	1	30 x 30	30	N	N	21	1.13	4.01	0.04	0.01
Wichita, KS	37-41-32	097-20-14	1	30 x 30	30	Y	N	9	1.13	4.01	0.04	0.01
Wichita, KS	37-41-32	097-20-14	1	30 x 30	15	N	N	21	1.13	4.01	0.04	0.01
Wichita, KS	37-41-32	097-20-14	1	30 x 30	15	Y	N	9	1.13	4.01	0.04	0.01