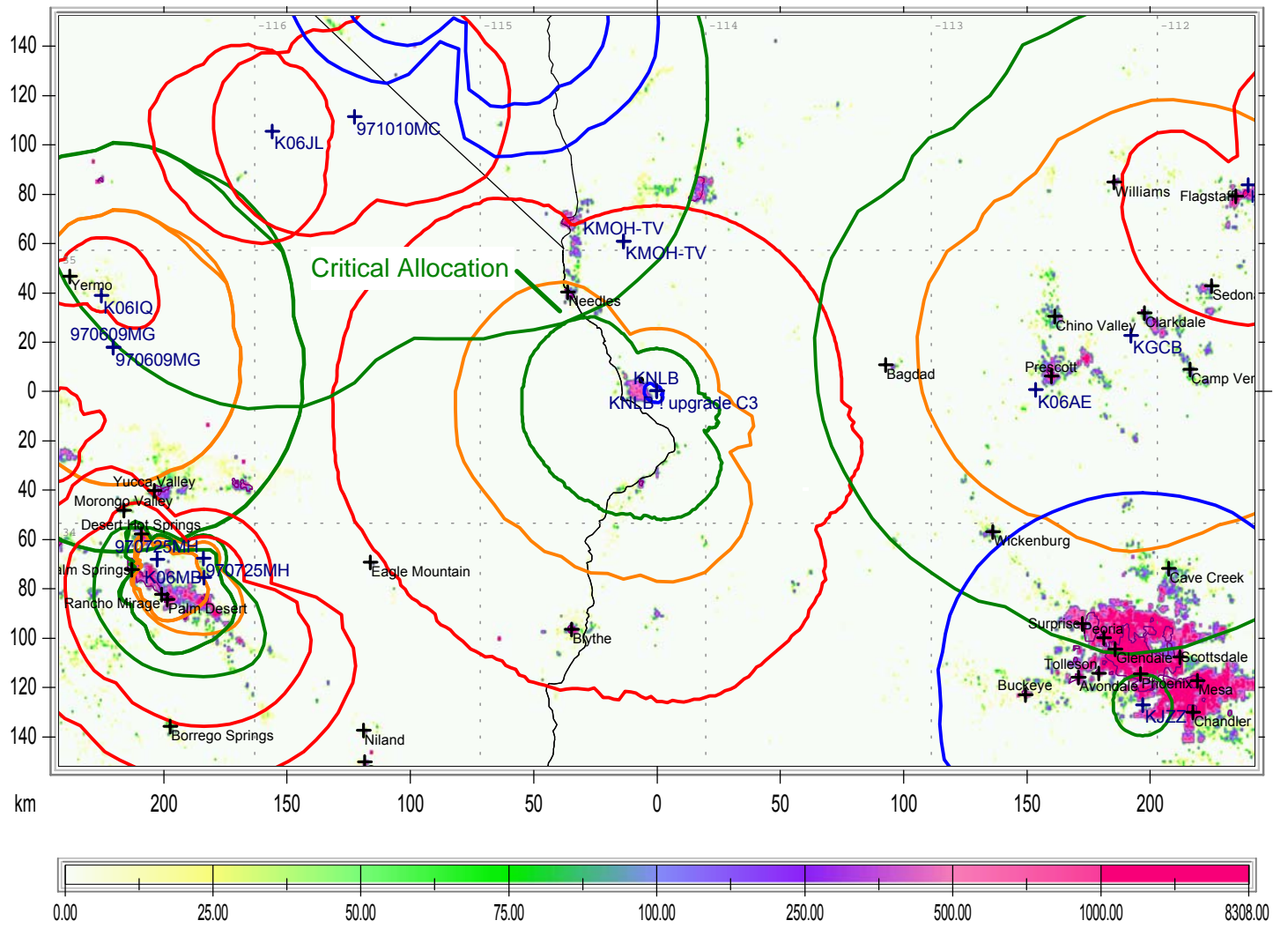


Exhibit 15 Allocation Study Map



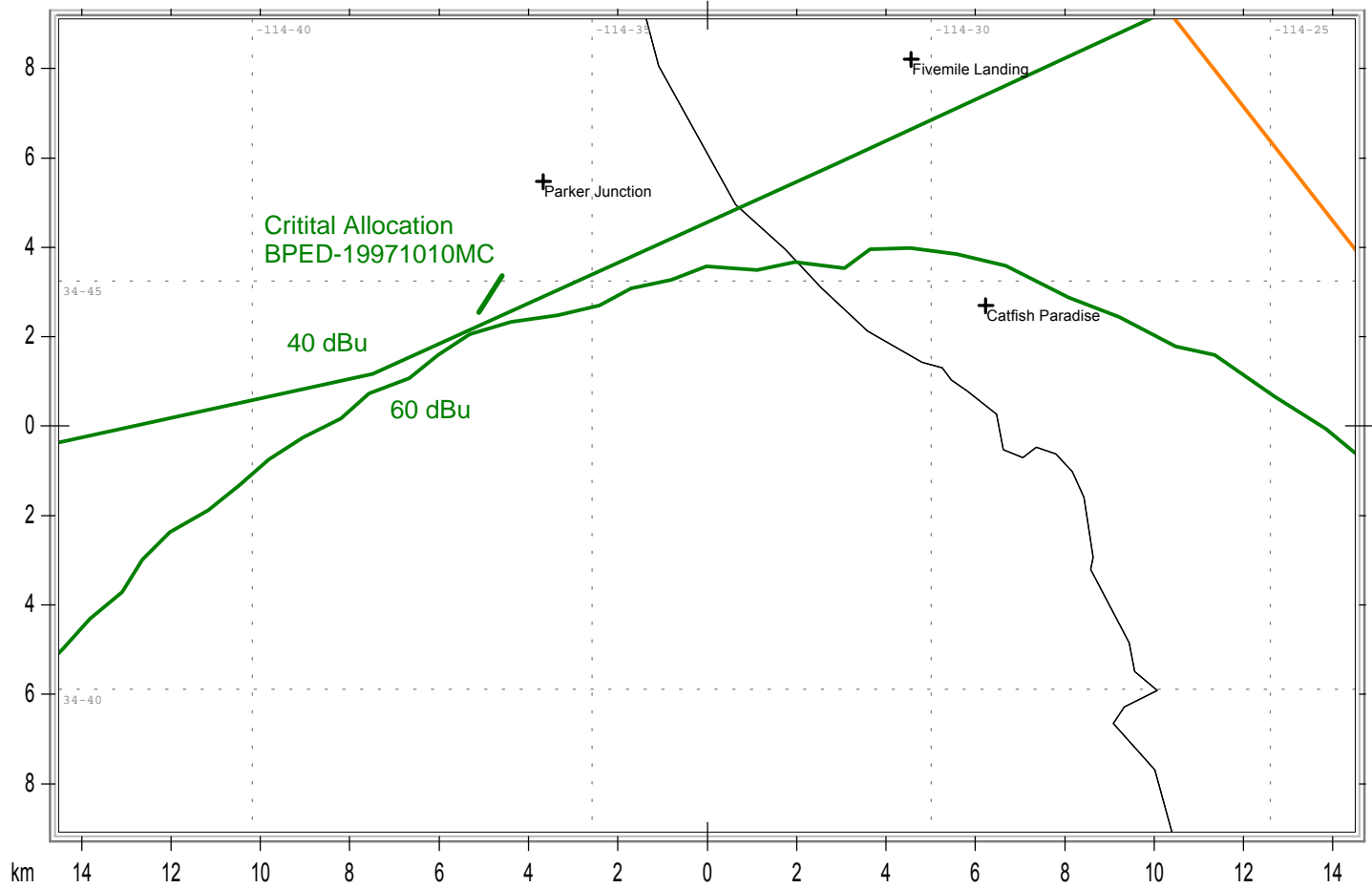
State Borders City Borders Lat/Lon Grid

Exhibit 15, FCC Form 340, Section VII, Item 13a, Contour Overlap Requirements. (47 C.F.R. Section 73.509)

There is one critical allocation involving the 60 dBu of KNLB and the 40 dBu of BPED-19971010MC.

The contours are close, but do not overlap.

Exhibit 15 Critical Allocation
KNLB / BPED-19971010MC



State Borders City Borders Lat/Lon Grid

Callsign : KNLB C3 Application
 Coordinates : 34-29-10.0 N, 114-13-06.0 W
 Frequency (MHz): 91.10000
 HAAT (m): 129.91 AMSL (m): 650.00
 Elevation (m): 553.00 Tower AGL (m): 97.00
 ERP (w): 8000
 TX power (w): 8 Gain (dB): 0.00
 City/State : , AZ
 ARN :
 Distance (km): 40
 Licensee : NEW LIFE CHRISTIAN SCHOOL

Contour type : F(50,50)
 Signal strength : 60.000 dBu
 Area covered : 0.000 sq. km
 Population covered: 0 persons
 Contour HAAT (m) : 132.2

Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist	Brg	AT	HAAT	Dist
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0	875	-225	17.1	90	629	21	17.1	180	279	371	52.5	270	238	412	54.8
1	875	-225	17.1	91	629	21	17.1	181	294	356	51.6	271	242	408	54.6
2	876	-226	17.1	92	629	21	17.1	182	288	362	52.0	272	251	399	54.1
3	843	-193	17.1	93	620	30	17.1	183	293	357	51.7	273	253	397	54.0
4	816	-166	17.1	94	616	34	18.1	184	301	349	51.2	274	253	397	54.0
5	795	-145	17.1	95	609	41	19.9	185	303	347	51.1	275	254	396	53.9
6	801	-151	17.1	96	610	40	19.6	186	303	347	51.1	276	257	393	53.8
7	839	-189	17.1	97	611	39	19.4	187	277	373	52.6	277	259	391	53.7
8	848	-198	17.1	98	608	42	20.1	188	278	372	52.6	278	262	388	53.5
9	914	-264	17.1	99	602	48	21.6	189	281	369	52.4	279	263	387	53.4
10	939	-289	17.1	100	604	46	21.1	190	277	373	52.6	280	264	386	53.4
11	987	-337	17.1	101	601	49	21.8	191	290	360	51.9	281	267	383	53.2
12	991	-341	17.1	102	593	57	23.4	192	299	351	51.3	282	270	380	53.0
13	988	-338	17.1	103	584	66	24.9	193	292	358	51.8	283	271	379	53.0
14	974	-324	17.1	104	579	71	25.8	194	289	361	51.9	284	273	377	52.9
15	972	-322	17.1	105	578	72	25.9	195	287	363	52.1	285	272	378	52.9
16	981	-331	17.1	106	575	75	26.4	196	284	366	52.2	286	278	372	52.6
17	996	-346	17.1	107	572	78	26.9	197	277	373	52.6	287	283	367	52.3
18	1007	-357	17.1	108	572	78	26.9	198	266	384	53.3	288	288	362	52.0
19	998	-348	17.1	109	571	79	27.0	199	266	384	53.3	289	293	357	51.7
20	1006	-356	17.1	110	571	79	27.0	200	266	384	53.3	290	298	352	51.4
21	997	-347	17.1	111	570	80	27.2	201	266	384	53.3	291	301	349	51.2
22	1008	-358	17.1	112	573	77	26.7	202	262	388	53.5	292	305	345	51.0
23	1011	-361	17.1	113	572	78	26.9	203	261	389	53.5	293	312	338	50.5
24	1007	-357	17.1	114	575	75	26.4	204	257	393	53.8	294	316	334	50.2

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25	1026	-376	17.1	115	573	77	26.7	205	266	384	53.3	295	321	329	49.9
26	1008	-358	17.1	116	571	79	27.0	206	263	387	53.4	296	325	325	49.7
27	1001	-351	17.1	117	563	87	28.3	207	275	375	52.8	297	331	319	49.3
28	978	-328	17.1	118	563	87	28.3	208	273	377	52.9	298	332	318	49.2
29	951	-301	17.1	119	566	84	27.8	209	271	379	53.0	299	336	314	49.0
30	957	-307	17.1	120	562	88	28.4	210	277	373	52.6	300	344	306	48.5
31	945	-295	17.1	121	563	87	28.3	211	274	376	52.8	301	349	301	48.1
32	922	-272	17.1	122	563	87	28.3	212	275	375	52.8	302	353	297	47.9
33	929	-279	17.1	123	567	83	27.6	213	260	390	53.6	303	359	291	47.5
34	922	-272	17.1	124	569	81	27.3	214	259	391	53.7	304	366	284	47.0
35	914	-264	17.1	125	577	73	26.1	215	257	393	53.8	305	369	281	46.8
36	916	-266	17.1	126	574	76	26.5	216	254	396	53.9	306	377	273	46.3
37	933	-283	17.1	127	576	74	26.2	217	257	393	53.8	307	380	270	46.1
38	931	-281	17.1	128	574	76	26.5	218	259	391	53.7	308	384	266	45.8
39	943	-293	17.1	129	576	74	26.2	219	259	391	53.7	309	392	258	45.2
40	931	-281	17.1	130	582	68	25.3	220	259	391	53.7	310	403	247	44.5
41	934	-284	17.1	131	579	71	25.8	221	262	388	53.5	311	412	238	44.0
42	925	-275	17.1	132	557	93	29.2	222	260	390	53.6	312	416	234	43.7
43	910	-260	17.1	133	545	105	31.0	223	253	397	54.0	313	424	226	43.1
44	918	-268	17.1	134	526	124	33.4	224	254	396	53.9	314	429	221	42.8
45	917	-267	17.1	135	509	141	35.4	225	267	383	53.2	315	441	209	41.9
46	919	-269	17.1	136	496	154	36.9	226	265	385	53.3	316	447	203	41.4
47	904	-254	17.1	137	490	160	37.6	227	262	388	53.5	317	458	192	40.6
48	902	-252	17.1	138	468	182	39.8	228	253	397	54.0	318	459	191	40.5
49	893	-243	17.1	139	467	183	39.8	229	252	398	54.0	319	466	184	39.9
50	880	-230	17.1	140	454	196	40.9	230	244	406	54.5	320	475	175	39.1
51	866	-216	17.1	141	445	205	41.6	231	244	406	54.5	321	484	166	38.2
52	867	-217	17.1	142	442	208	41.8	232	246	404	54.4	322	497	153	36.8
53	867	-217	17.1	143	432	218	42.6	233	243	407	54.5	323	506	144	35.7
54	864	-214	17.1	144	425	225	43.1	234	251	399	54.1	324	517	133	34.5
55	872	-222	17.1	145	419	231	43.5	235	248	402	54.3	325	523	127	33.8
56	844	-194	17.1	146	401	249	44.7	236	241	409	54.6	326	536	114	32.2
57	844	-194	17.1	147	395	255	45.0	237	240	410	54.7	327	545	105	31.0
58	845	-195	17.1	148	384	266	45.8	238	243	407	54.5	328	556	94	29.3
59	839	-189	17.1	149	378	272	46.2	239	241	409	54.6	329	569	81	27.3
60	827	-177	17.1	150	376	274	46.4	240	239	411	54.7	330	573	77	26.7
61	826	-176	17.1	151	373	277	46.6	241	233	417	55.1	331	591	59	23.8
62	816	-166	17.1	152	363	287	47.2	242	231	419	55.2	332	600	50	22.0
63	809	-159	17.1	153	357	293	47.6	243	229	421	55.3	333	618	32	17.6
64	795	-145	17.1	154	352	298	48.0	244	228	422	55.4	334	626	24	17.1
65	780	-130	17.1	155	347	303	48.3	245	227	423	55.4	335	641	9	17.1
66	766	-116	17.1	156	343	307	48.5	246	221	429	55.7	336	656	-6	17.1

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67	757	-107	17.1	157	338	312	48.8	247	217	433	56.0	337	667	-17	17.1
68	738	-88	17.1	158	332	318	49.2	248	219	431	55.9	338	673	-23	17.1
69	728	-78	17.1	159	326	324	49.6	249	218	432	55.9	339	706	-56	17.1
70	725	-75	17.1	160	324	326	49.7	250	217	433	56.0	340	723	-73	17.1
71	717	-67	17.1	161	315	335	50.3	251	216	434	56.0	341	764	-114	17.1
72	711	-61	17.1	162	308	342	50.8	252	216	434	56.0	342	767	-117	17.1
73	701	-51	17.1	163	306	344	50.9	253	212	438	56.3	343	776	-126	17.1
74	693	-43	17.1	164	299	351	51.3	254	212	438	56.3	344	783	-133	17.1
75	689	-39	17.1	165	292	358	51.8	255	214	436	56.1	345	786	-136	17.1
76	686	-36	17.1	166	289	361	51.9	256	219	431	55.9	346	806	-156	17.1
77	678	-28	17.1	167	289	361	51.9	257	219	431	55.9	347	831	-181	17.1
78	673	-23	17.1	168	283	367	52.3	258	219	431	55.9	348	852	-202	17.1
79	685	-35	17.1	169	279	371	52.5	259	223	427	55.6	349	848	-198	17.1
80	685	-35	17.1	170	283	367	52.3	260	224	426	55.6	350	861	-211	17.1
81	690	-40	17.1	171	281	369	52.4	261	228	422	55.4	351	866	-216	17.1
82	674	-24	17.1	172	278	372	52.6	262	231	419	55.2	352	850	-200	17.1
83	681	-31	17.1	173	279	371	52.5	263	232	418	55.1	353	844	-194	17.1
84	679	-29	17.1	174	277	373	52.6	264	233	417	55.1	354	856	-206	17.1
85	678	-28	17.1	175	275	375	52.8	265	234	416	55.0	355	858	-208	17.1
86	669	-19	17.1	176	278	372	52.6	266	237	413	54.9	356	870	-220	17.1
87	666	-16	17.1	177	282	368	52.4	267	238	412	54.8	357	870	-220	17.1
88	662	-12	17.1	178	276	374	52.7	268	238	412	54.8	358	891	-241	17.1
89	653	-3	17.1	179	279	371	52.5	269	238	412	54.8	359	876	-226	17.1