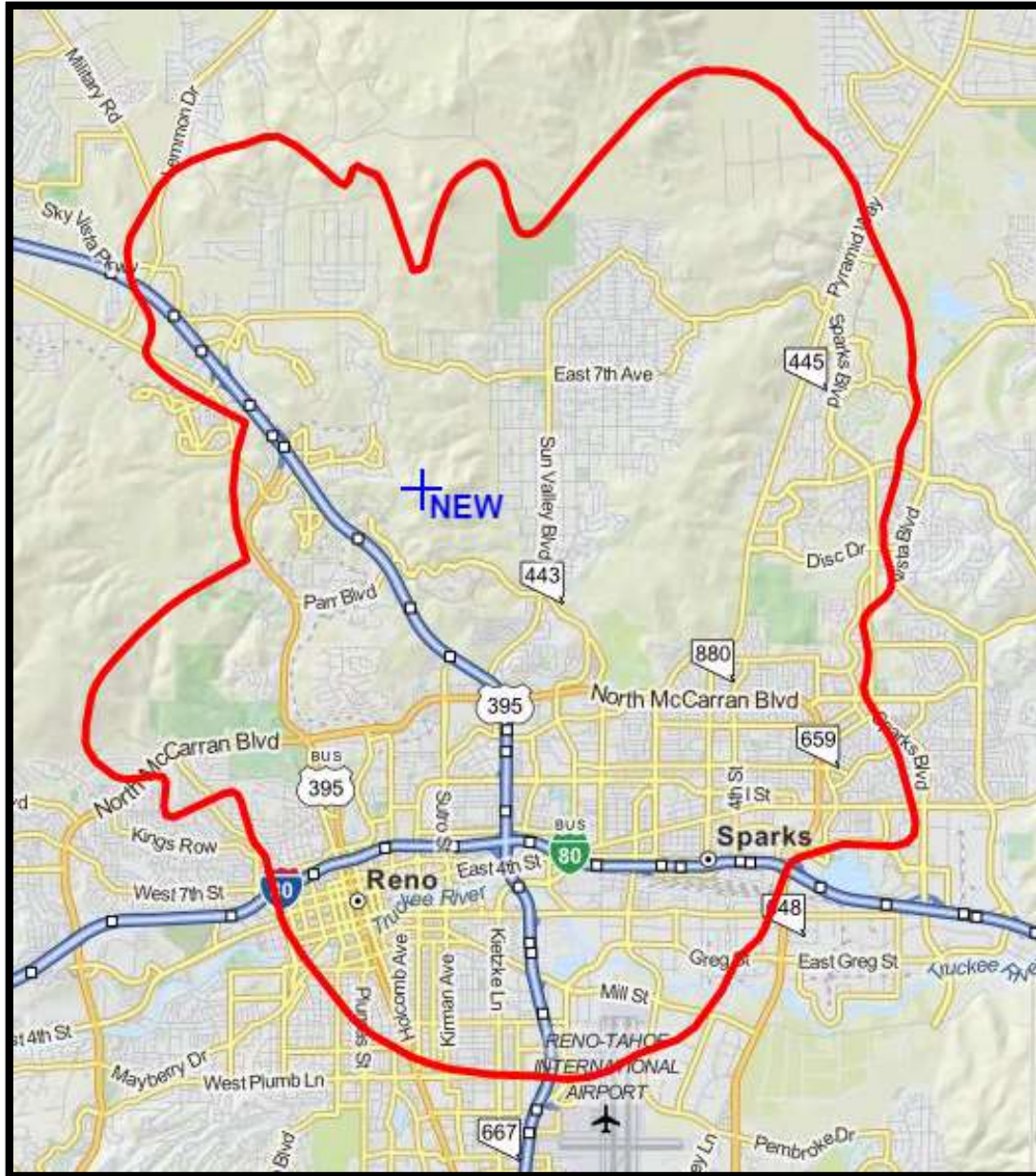




REC Broadcast Services
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Mardela Springs, MD 21837
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Minor change for KRBP-LP
RENO, NV
RENO BIKE PROJECT
BNPL-20131114BWR

PROPOSED 60dBu F(50,50) SERVICE CONTOUR



RENO, NV – Channel 249L1 (97.7 MHz) ~ ERP 0.006 kW

Elev: 1666 meters ~ RCAGL: 15 meters ~ RCAMSL: 1681 meters ~ HAAT: 119m (FCC30)

Overall tower height: 26.5 meters – ASR: 1278003

NAD83 Latitude: 39° 35' 03.3" NL – Longitude: 119° 48' 09.9" WL

NAD27 Latitude: 39° 35' 03.6" NL – Longitude: 119° 48' 06.2" WL

R E C NETWORKS
CHANNEL REPORT

NAD27 LATITUDE: 39 - 35' 03.6" - LONGITUDE: 119 - 48' 06.2"
CHANNEL: 249 - CLASS: LPFM(LP-100)

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
247	97.3	KOLC	CARSON CITY	NV C	37.2	93.0	-55.8	167.8
: AMERICOM LIMITED PARTNERSHIP								
249	97.7	KHHZ	GRIDLEY	CA B1	129.9	87.0	42.9	266.5
: DEER CREEK BROADCASTING, LLC								
249	97.7	KRBP-LP	RENO	NV L1	0.3	24.0	-23.7	93.1
: RENO BIKE PROJECT								
: Currently authorized facility								
251	98.1	KBUL-FM	CARSON CITY	NV C	37.1	93.0	-55.9	166.7
: RADIO LICENSE HOLDING CBC, LLC								

Azimuth	Field	ERP	HAAT	Contour	Latitude	Longitude
0	1.000	0.006	41.9	3.289	39.6138	119.8028
5	1.000	0.006	75.4	4.424	39.6239	119.7982
10	1.000	0.006	92.4	4.925	39.6279	119.7928
15	1.000	0.006	85.5	4.725	39.6253	119.7885
20	1.000	0.006	66.2	4.158	39.6194	119.7861
25	1.000	0.006	74.1	4.387	39.6200	119.7811
30	1.000	0.006	160.0	6.450	39.6345	119.7651
35	1.000	0.006	226.0	7.631	39.6405	119.7516
40	1.000	0.006	244.1	7.939	39.6389	119.7432
45	1.000	0.006	243.7	7.933	39.6347	119.7372
50	1.000	0.006	244.4	7.944	39.6301	119.7317
55	1.000	0.006	241.8	7.902	39.6250	119.7272
60	1.000	0.006	230.7	7.715	39.6189	119.7248
65	1.000	0.006	228.4	7.674	39.6134	119.7216
70	1.000	0.006	229.9	7.700	39.6079	119.7183
75	1.000	0.006	223.4	7.583	39.6019	119.7173
80	1.000	0.006	219.8	7.517	39.5960	119.7164
85	1.000	0.006	200.5	7.174	39.5898	119.7194
90	1.000	0.006	192.8	7.036	39.5842	119.7206
95	1.000	0.006	185.3	6.911	39.5788	119.7224
100	1.000	0.006	197.0	7.111	39.5731	119.7210
105	1.000	0.006	185.8	6.919	39.5681	119.7248
110	1.000	0.006	196.2	7.097	39.5624	119.7250
115	1.000	0.006	208.7	7.320	39.5564	119.7254
120	1.000	0.006	264.8	8.283	39.5470	119.7191
125	1.000	0.006	310.6	8.967	39.5380	119.7171
130	1.000	0.006	260.4	8.210	39.5368	119.7294
135	1.000	0.006	237.5	7.831	39.5344	119.7382
140	1.000	0.006	256.9	8.151	39.5281	119.7417
145	1.000	0.006	272.6	8.410	39.5223	119.7465
150	1.000	0.006	296.1	8.771	39.5159	119.7516
155	1.000	0.006	316.4	9.044	39.5105	119.7582
160	1.000	0.006	316.0	9.039	39.5079	119.7667
165	1.000	0.006	319.4	9.085	39.5053	119.7753
170	1.000	0.006	303.2	8.869	39.5057	119.7848
175	1.000	0.006	292.4	8.718	39.5061	119.7939

Azimuth	Field	ERP	HAAT	Contour	Latitude	Longitude
180	1.000	0.006	278.9	8.511	39.5077	119.8028
185	1.000	0.006	257.4	8.160	39.5111	119.8110
190	1.000	0.006	224.7	7.607	39.5169	119.8181
195	1.000	0.006	194.9	7.074	39.5228	119.8241
200	1.000	0.006	155.3	6.357	39.5305	119.8281
205	1.000	0.006	129.7	5.827	39.5367	119.8315
210	1.000	0.006	108.4	5.361	39.5425	119.8340
215	1.000	0.006	124.7	5.725	39.5421	119.8410
220	1.000	0.006	134.4	5.923	39.5434	119.8472
225	1.000	0.006	142.8	6.099	39.5455	119.8530
230	1.000	0.006	153.1	6.312	39.5477	119.8591
235	1.000	0.006	142.1	6.084	39.5529	119.8609
240	1.000	0.006	112.5	5.460	39.5597	119.8579
245	1.000	0.006	66.4	4.164	39.5684	119.8468
250	1.000	0.006	-15.6	2.796	39.5756	119.8334
255	1.000	0.006	-138.4	2.796	39.5777	119.8343
260	1.000	0.006	-246.5	2.796	39.5799	119.8349
265	1.000	0.006	-315.3	2.796	39.5821	119.8353
270	1.000	0.006	-312.9	2.796	39.5842	119.8354
275	1.000	0.006	-302.3	2.796	39.5864	119.8353
280	1.000	0.006	-247.0	2.796	39.5886	119.8349
285	1.000	0.006	-130.6	2.796	39.5908	119.8343
290	1.000	0.006	2.8	2.796	39.5928	119.8334
295	1.000	0.006	74.5	4.399	39.6010	119.8493
300	1.000	0.006	82.3	4.629	39.6051	119.8495
305	1.000	0.006	102.0	5.194	39.6110	119.8524
310	1.000	0.006	123.0	5.691	39.6171	119.8536
315	1.000	0.006	129.8	5.829	39.6213	119.8509
320	1.000	0.006	137.2	5.980	39.6254	119.8476
325	1.000	0.006	136.7	5.970	39.6282	119.8427
330	1.000	0.006	131.3	5.860	39.6299	119.8370
335	1.000	0.006	126.1	5.754	39.6311	119.8311
340	1.000	0.006	112.3	5.455	39.6303	119.8245
345	1.000	0.006	86.1	4.743	39.6255	119.8171
350	1.000	0.006	89.2	4.834	39.6271	119.8126
355	1.000	0.006	58.9	3.942	39.6196	119.8068

WAIVER OF §73.807(a) REQUEST
SHORT-SPACED SECOND ADJACENT CHANNEL

KRBP-LP
Reno, Nevada
Channel 249L1 (97.7 MHz)

The proposed modification is second-adjacent channel short-spaced to full-power stations KOLC, Carson City, Nevada (Facility ID # 53706) and KBUL-FM, Carson City, Nevada (Facility ID # 11245).

KOLC operates on Channel 247C with 87 kW at 637 meters height above average terrain using a non-directional antenna. KOLC places an 83.5 dBu service contour at the proposed LPFM location. KBUL-FM operations on Channel 251C with 74 kW at 699 meters above average terrain using a non-directional antenna. KBUL-FM places an 83.2 dBu service contour at the proposed LPFM location. When short spaced to multiple stations, the station with the weaker field strength is the one that is further examined. In this case, KBUL-FM.

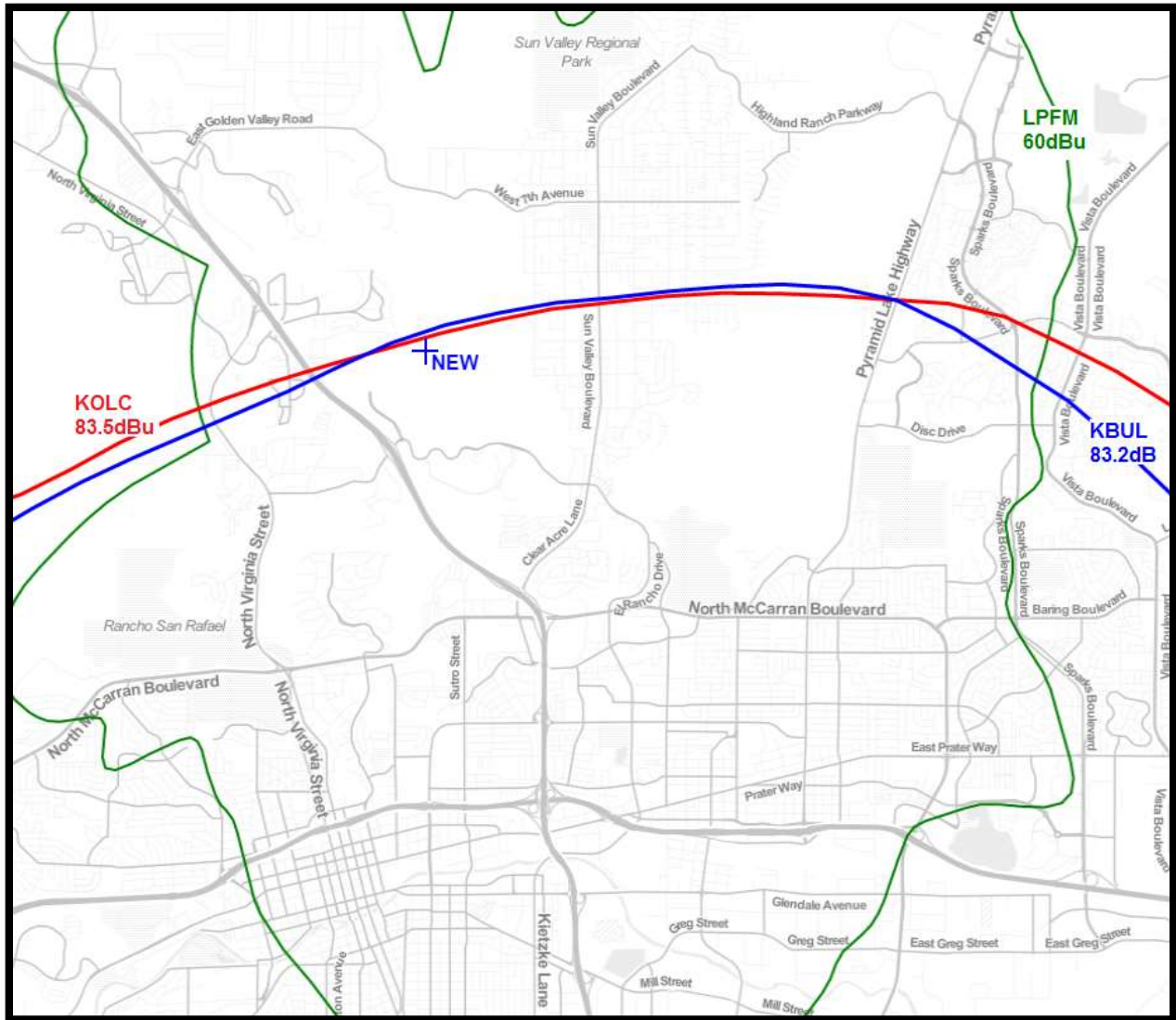
Using the U/D method¹, the proposed LPFM station is predicted to produce an undesired interference overlap in respect to KBUL-FM to the proposed LPFM station's 123.2 dBu interference contour ("overlap zone"). At 6 watts ERP, the overlap zone extends to 12 meters from the radiation center.

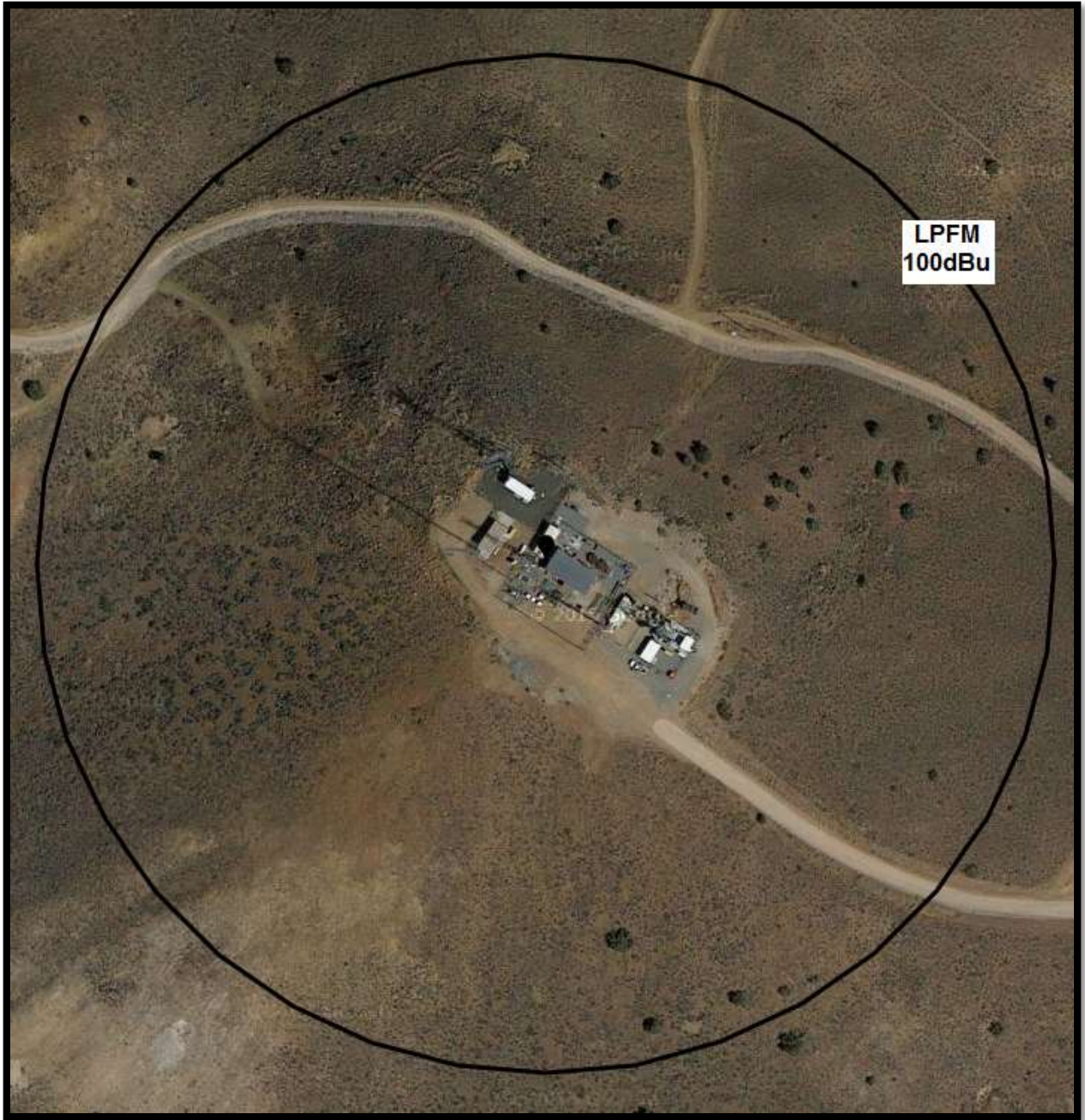
As the proposed facility is specifying operation with a radiation center of 15 meters above ground level, the 123.2 dBu interference contour of the LPFM station will not reach the ground. The 123.5 dBu interference contour needed to protect KOLC is completely encompassed by the 123.2 dBu interference contour needed to protect KBUL-FM. Furthermore, the proposed site is at a mountaintop communications site and there are no nearby tall buildings or other occupied spaces nearby that the 123.2 dBu interference contour can penetrate.

Based on these findings, the proposed modified LPFM station will not create any interference to listeners or potential listeners of KOLC and KBUL-FM. Reno Bike Project is requesting a waiver of §73.807(a) in respect to second-adjacent channel short-spaced stations KOLC and KBUL-FM, both in Carson City, Nevada.

Prepared by
Michelle Bradley
REC Broadcast Services
February 3, 2016

¹ - See *Living Way Ministries, Inc.* Memorandum Opinion and Order, 17 FCC Rcd 17054, 17056 (2002) at 5. *Recon denied* 23 FCC Rcd 15070 (2008).





NEARBY AM STATIONS

The following AM stations are near the proposed LPFM station. Electrical heights are based on a free-standing tower at 26 meters.

Call	Frequency/Wavelength/ Antenna System	Distance		Electrical Height	
		Required	Actual	Required	Actual
KBDB	1400 (214m) ND	214	4679	60.00	43.68
KHIT	1450 (207m) ND	207	4056	60.00	45.24
KPLY	630 (476m) DA	3000	4056	36.00	19.66
KCKQ	1180 (254m) DA	2542	4056	36.00	36.82
KFOY	1060 (283m) DA	2830	4056	36.00	33.07
KXTQ	1550 (194m) ND	194	4059	60.00	48.36

The proposed construction does not impact any nearby AM stations in accordance with Part 1, Subpart BB of the Commission's Rules.