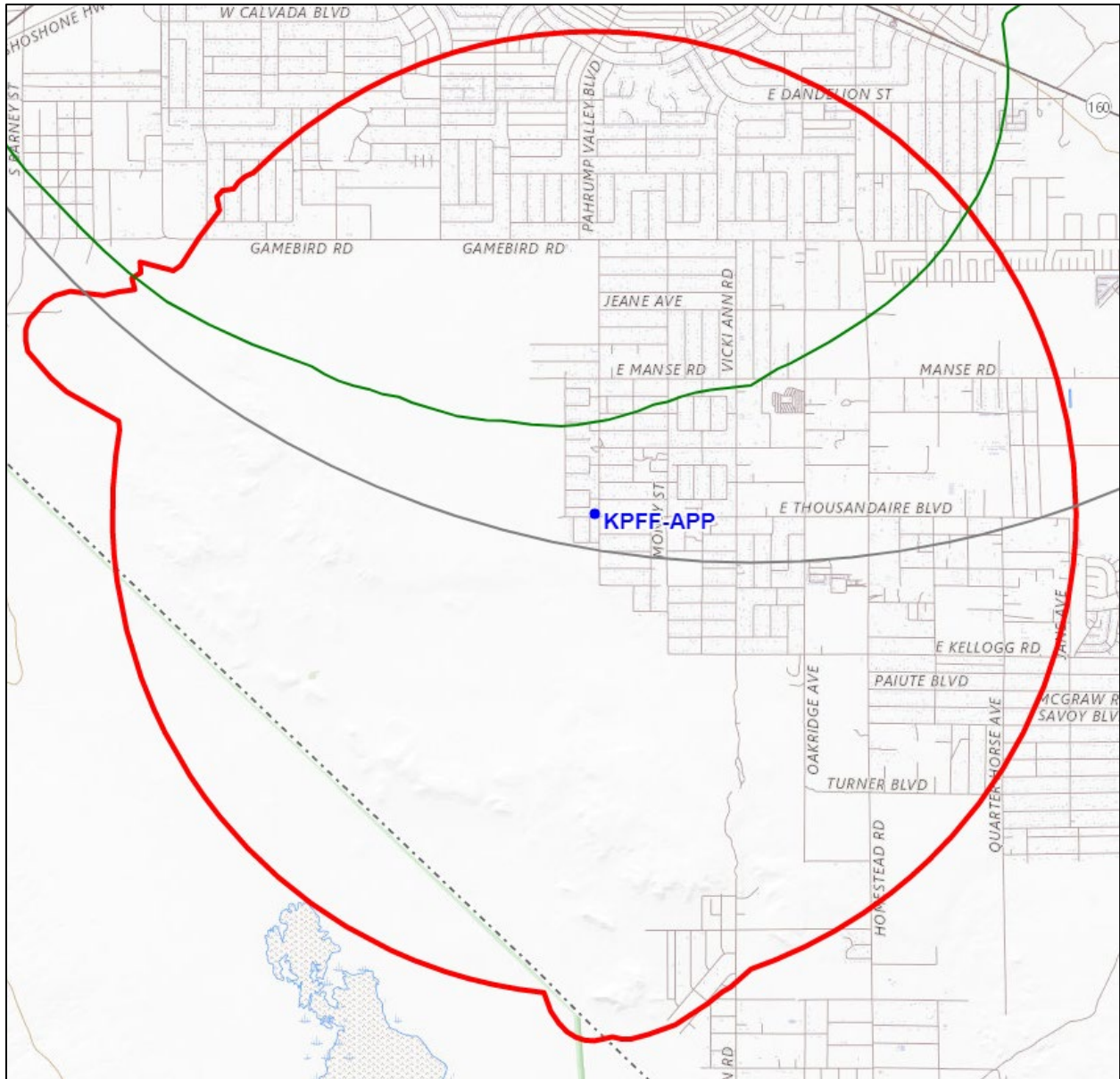




REC Networks/Michelle Bradley CBT
11541 Riverton Wharf Rd.
Mardela Springs, MD 21837
844.REC.LPFM/202.621.2355
recnet.com

Minor modification for KPFF-LP
PAHRUMP, NV
PAHRUMP FILM FESTIVAL, INC.
BLL-20150127AEQ

PROPOSED 60dBu F(50,50) SERVICE CONTOUR



PAHRUMP, NV – Channel: 249LP100 (97.7 MHz) ~ ERP: 0.100 kW
Elev: 798 meters ~ RCAGL: 18 meters ~ RCAMSL: 816 meters ~ HAAT: minus 44 m
Overall tower height: 18.3 meters AGL ~ ASR: None (no airports within 8km)
NAD83 Latitude: 36° 07' 56.2" NL – Longitude: 115° 59' 36.5" WL
No nearby AM stations.

R E C NETWORKS
CHANNEL REPORT

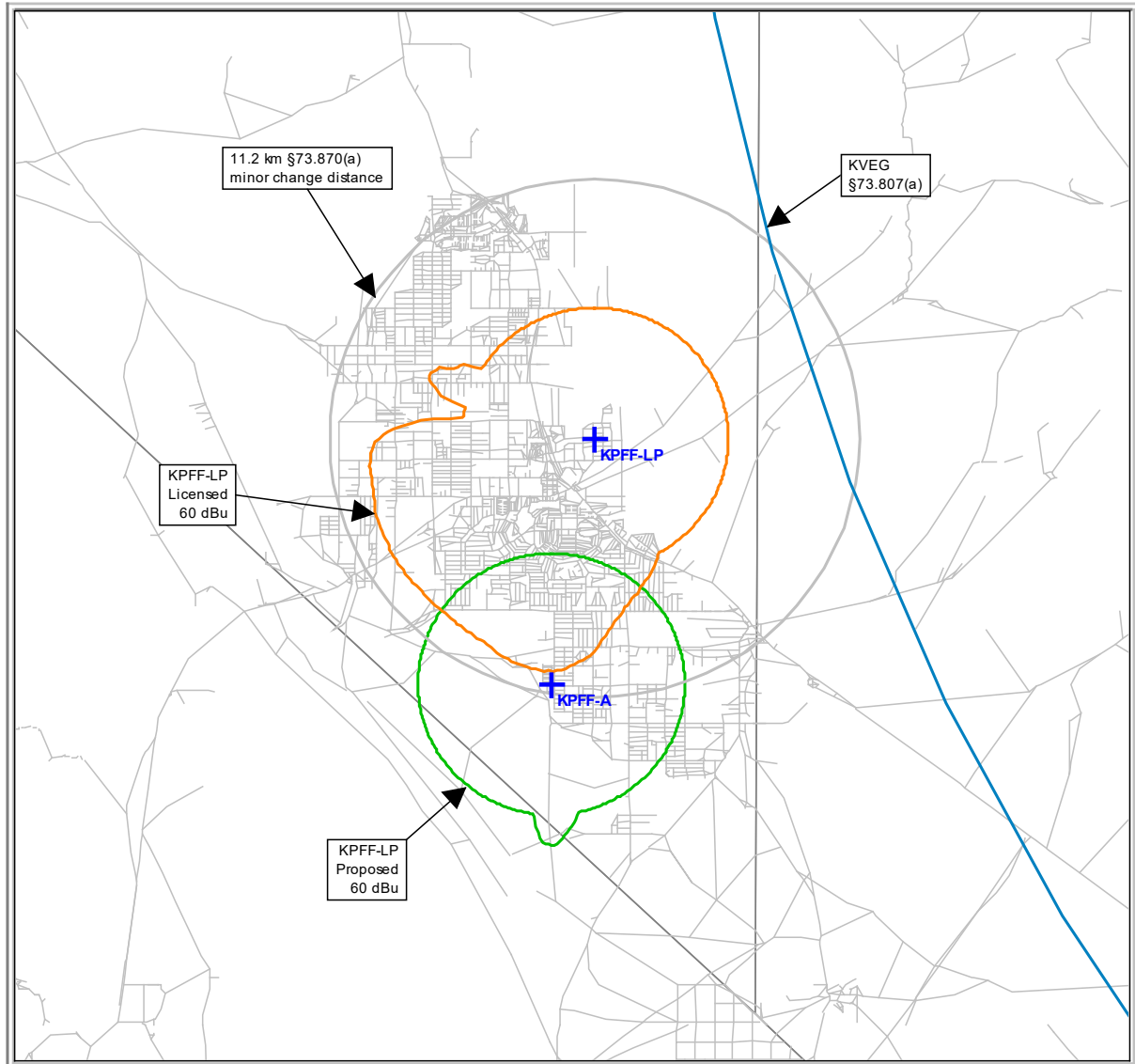
NAD83 LATITUDE: 36 - 07' 56.2" - LONGITUDE: 115 - 59' 36.5"
CHANNEL: 249 - CLASS: LP100

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
246	97.1	KXPT	LAS VEGAS	NV C	47.9	0.0	47.9	112.4
: LOTUS BROADCASTING CORP.								
* Does not meet third adjacent channel spacing under LCRA Sect 7.								
248	97.5	KVEG	MESQUITE	NV C	134.7	120.0	14.7	67.6
: KEMP BROADCASTING, INC.								
249	97.7	KPFF-LP	PAHRUMP	NV L1	10.7	24.0	-13.3	9.7
: PAHRUMP FILM FESTIVAL INC								
> Currently authorized facility.								
250	97.9	KIOF-LP	LAS VEGAS	NV L1	79.3	14.0	65.3	82.9
: LAS VEGAS PUBLIC RADIO INC.								
251	98.1	KRXV	YERMO	CA B	147.6	67.0	80.6	211.3
: HEFTEL BROADCASTING COMPANY LLC								
251	98.1	KPFV-LP	PAHRUMP	NV L1	6.0	0.0	6.0	331.7
: RADIO EDUCATION NETWORK INC								
252	98.3	KACE	BEATTY	NV C2	117.7	0.0	117.7	319.6
: SMITH AND FITZGERALD, PARTNERSHIP								

Site: KPFF-A
 Coordinates: 36-07-56.2 N, 115-59-36.5 W
 Freq: 97.70000 MHz
 ERP: 100.00 W

Bearing	ERP W	HAAT	DH	Distance	Lat	Lon
0	100.00	-3	1100	5.65	36.183060	-115.993472
5	100.00	-20	1090	5.65	36.182867	-115.987989
10	100.00	-40	1230	5.65	36.182288	-115.982547
15	100.00	-65	1390	5.65	36.181329	-115.977188
20	100.00	-91	1350	5.65	36.179996	-115.971954
25	100.00	-117	1250	5.65	36.178299	-115.966884
30	100.00	-141	1110	5.65	36.176253	-115.962016
35	100.00	-162	1280	5.65	36.173871	-115.957389
40	100.00	-169	1310	5.65	36.171173	-115.953036
45	100.00	-195	1580	5.65	36.168178	-115.948992
50	100.00	-204	1620	5.65	36.164911	-115.945286
55	100.00	-208	1420	5.65	36.161394	-115.941948
60	100.00	-194	1960	5.65	36.157657	-115.939002
65	100.00	-137	1930	5.65	36.153726	-115.936471
70	100.00	-140	1950	5.65	36.149632	-115.934375
75	100.00	-140	1410	5.65	36.145406	-115.932728
80	100.00	-131	1300	5.65	36.141080	-115.931544
85	100.00	-116	1010	5.65	36.136687	-115.930832
90	100.00	-104	1040	5.65	36.132261	-115.930596
95	100.00	-92	970	5.65	36.127835	-115.930839
100	100.00	-85	810	5.65	36.123444	-115.931558
105	100.00	-74	790	5.65	36.119119	-115.932749
110	100.00	-65	900	5.65	36.114895	-115.934401
115	100.00	-55	1010	5.65	36.110803	-115.936503
120	100.00	-47	620	5.65	36.106874	-115.939037
125	100.00	-40	470	5.65	36.103139	-115.941986
130	100.00	-33	200	5.65	36.099626	-115.945326
135	100.00	-26	60	5.65	36.096361	-115.949032
140	100.00	-19	110	5.65	36.093369	-115.953076
145	100.00	-10	120	5.65	36.090674	-115.957427
150	100.00	0	290	5.65	36.088295	-115.962052
155	100.00	8	340	5.65	36.086250	-115.966915
160	100.00	17	490	5.65	36.084556	-115.971980
165	100.00	24	610	5.65	36.083225	-115.977209
170	100.00	34	1170	5.95	36.079547	-115.981968
175	100.00	41	810	6.54	36.073696	-115.987131
180	100.00	47	340	7.00	36.069326	-115.993472
185	100.00	40	160	6.46	36.074413	-115.999736
190	100.00	11	420	5.65	36.082266	-116.004384
195	100.00	-19	800	5.65	36.083225	-116.009736
200	100.00	-85	970	5.65	36.084556	-116.014964
205	100.00	-151	980	5.65	36.086250	-116.020029
210	100.00	-186	850	5.65	36.088295	-116.024893
215	100.00	-195	870	5.65	36.090674	-116.029517
220	100.00	-151	700	5.65	36.093369	-116.033868
225	100.00	-119	610	5.65	36.096361	-116.037912
230	100.00	-115	680	5.65	36.099626	-116.041618
235	100.00	-124	630	5.65	36.103139	-116.044958
240	100.00	-87	460	5.65	36.106874	-116.047907
245	100.00	-106	520	5.65	36.110803	-116.050442
250	100.00	-120	640	5.65	36.114895	-116.052544
255	100.00	-155	580	5.65	36.119119	-116.054196
260	100.00	-122	560	5.65	36.123444	-116.055386
265	100.00	-79	610	5.65	36.127835	-116.056106
270	100.00	-20	670	5.65	36.132261	-116.056348
275	100.00	-3	580	5.65	36.136687	-116.056113
280	100.00	14	520	5.65	36.141080	-116.055400
285	100.00	21	610	5.65	36.145406	-116.054216
290	100.00	22	380	5.65	36.149632	-116.052570
295	100.00	21	350	5.65	36.153726	-116.050473
300	100.00	19	500	5.65	36.157657	-116.047942
305	100.00	15	360	5.65	36.161394	-116.044997
310	100.00	17	210	5.65	36.164911	-116.041658
315	100.00	18	260	5.65	36.168178	-116.037953
320	100.00	17	260	5.65	36.171173	-116.033908
325	100.00	18	300	5.65	36.173871	-116.029556
330	100.00	19	260	5.65	36.176253	-116.024928
335	100.00	19	340	5.65	36.178299	-116.020060
340	100.00	16	450	5.65	36.179996	-116.014990
345	100.00	14	300	5.65	36.181329	-116.009756
350	100.00	12	290	5.65	36.182288	-116.004398
355	100.00	9	520	5.65	36.182867	-115.998956

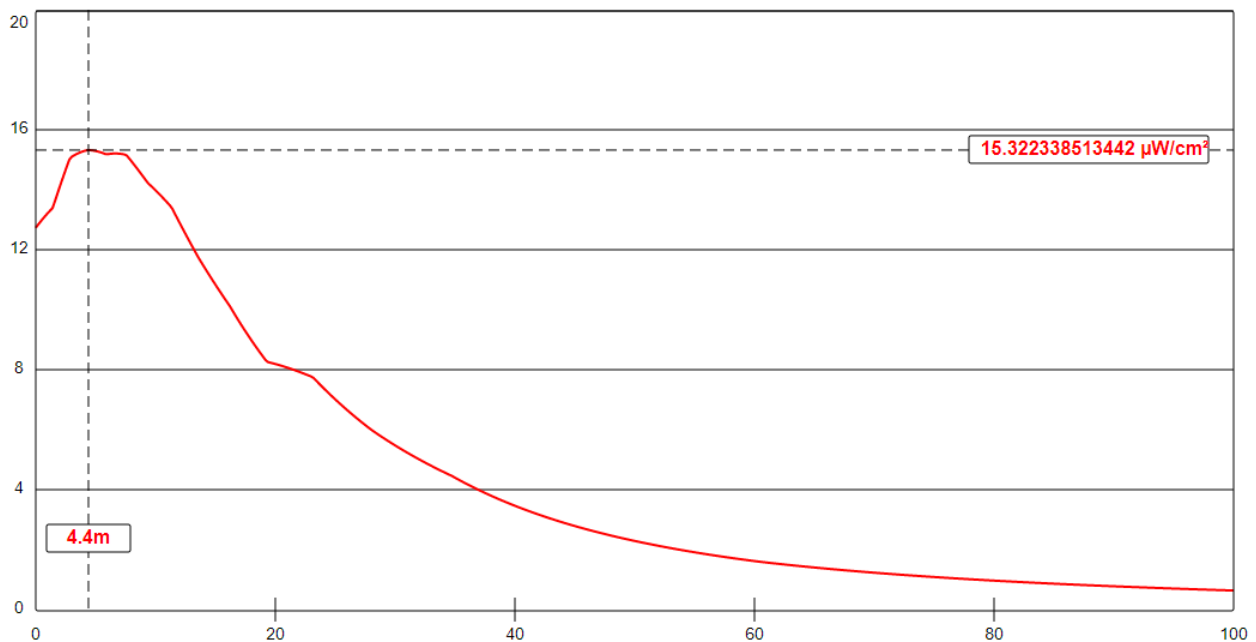
Distance Separation / Minor Change Qualification



NEPA COMPLIANCE

KPFF-LP
Pahrump, Nevada
Ch. 249LP100 ~ 97.7 MHz

The instant application is proposed for 100 watts (0.1 kW). The radiation center will be 18.3 meters above ground level. For this study, we will use the worst-case scenario, a single bay, EPA-1 circular polarized antenna. Using the Commission's FM MODEL software, it has been determined that there is no point where the power density would exceed $15.322 \mu\text{W}/\text{cm}^2$ from the instant application and no more than $19.942 \mu\text{W}/\text{cm}^2$ at any distance based on 2 meters (6 feet) above ground level. These values are well within the general population uncontrolled exposure guideline of $200 \mu\text{W}/\text{cm}^2$.



As power density remains well within the general population uncontrolled exposure guidelines at all points, the applicant submits that, a field RF exposure study should not be required.

Report prepared by:
/S/
Michelle Bradley, CBT
REC Networks
June 25, 2022