EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of ESTHER ARENAS, licensee of digital Low Power Television station KVPS-LD, licensed on Channel 8 in Indio, California, in support of its application for modification of Construction Permit LMS-0000076002, which authorizes a change in the transmitter site. The purpose of this application is to specify a different antenna pattern than that authorized. No change in site location, effective radiated power or antenna height is proposed herein.

It is proposed to mount a different Kathrein directional antenna at the 15.2-meter level of an existing 28.3-meter structure on which the authorized KVPS-LD antenna is located. Exhibit B is a map upon which the predicted 51 dBu service contour of this new proposal is plotted. Exhibit C is a map on which the licensed service contour of KVPS-LD is plotted in reference to that proposed herein. As shown, there is significant overlap between the two contours.

Azimuth and elevation pattern information for the proposed antenna are included in Exhibit D. Exhibit E contains the summary results from a TVStudy interference study, which was conducted using a cell size of 1.0 kilometer and an increment spacing of 0.1 kilometer. It concludes that the proposed KLPD-LD facility meets the Commission’s de minimis interference criteria to all co-channel and adjacent-channel post-repack full-power and Class A and LPTV/translator facilities. Coordination with Mexico will be required and is respectfully requested.

A detailed power density calculation is provided in Exhibit F.

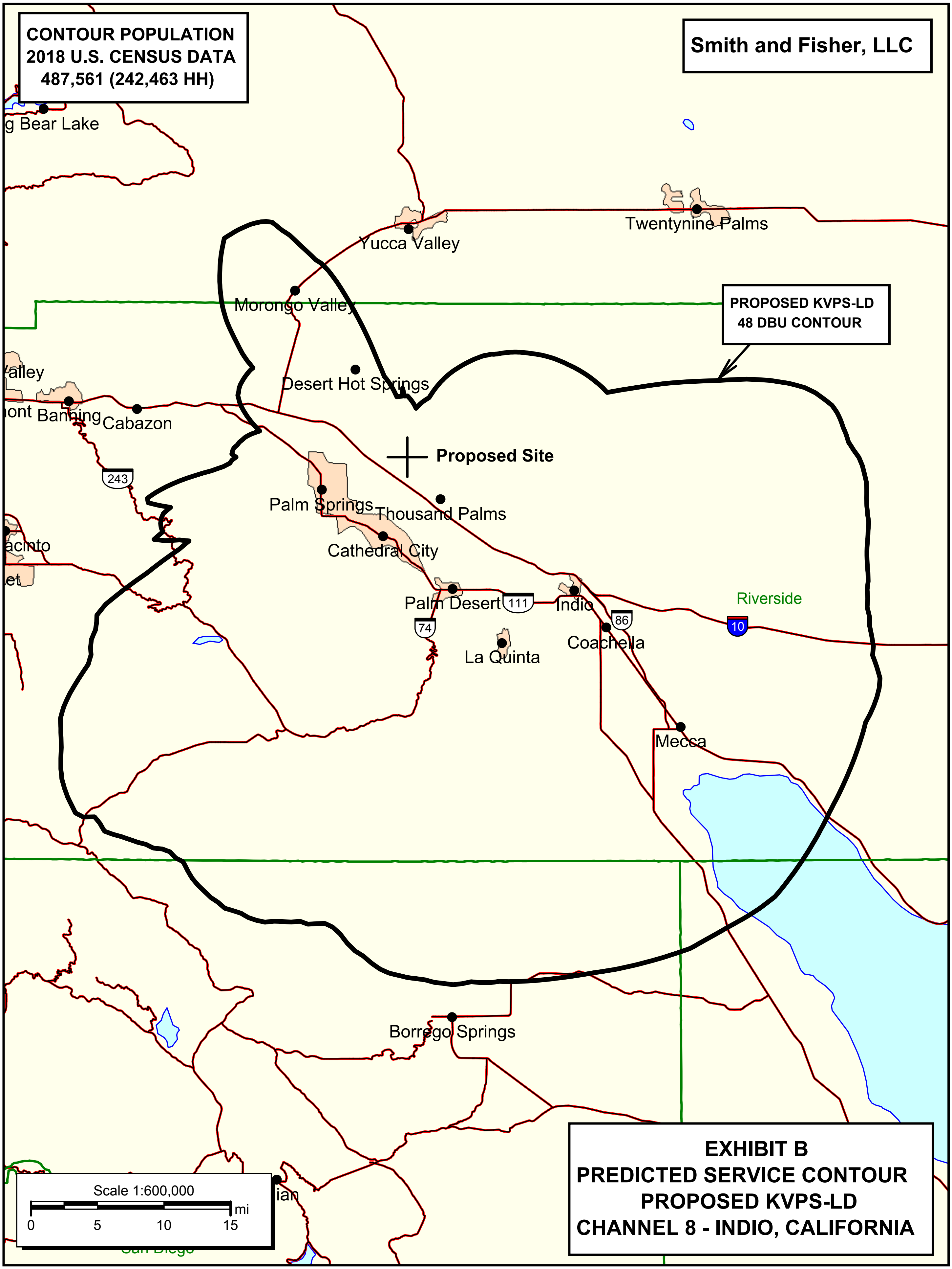
EXHIBIT A

Since no change in the overall height or location of the existing structure is proposed herein, and due to its diminutive height (28.3 meters) and its proximity to the nearest airport runway, the Federal Aviation Administration has not been notified of this application. In addition, and for the same reasons, FCC Antenna Structure Registration is not required. This conclusion is supported by the Commission's TOWAIR software.

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.

KEVIN T. FISHER

September 24, 2020


CONTOUR POPULATION
2018 U.S. CENSUS DATA
487,561 (242,463 HH)
Smith and Fisher, LLC
PROPOSED KVPS-LD
48 DBU CONTOUR
Twentynine Palms
Yucca Valley
Morongo Valley
Desert Hot Springs
Banning
Cabazon
Proposed Site
Palm Springs
Thousand Palms
Cathedral City
Palm Desert
Indio
Coachella
La Quinta
Mecca
Riverside
Borrego Springs
243
111
74
86
10
Scale 1:600,000
0
5
10
15
mi
EXHIBIT B
PREDICTED SERVICE CONTOUR
PROPOSED KVPS-LD
CHANNEL 8 - INDIO, CALIFORNIA

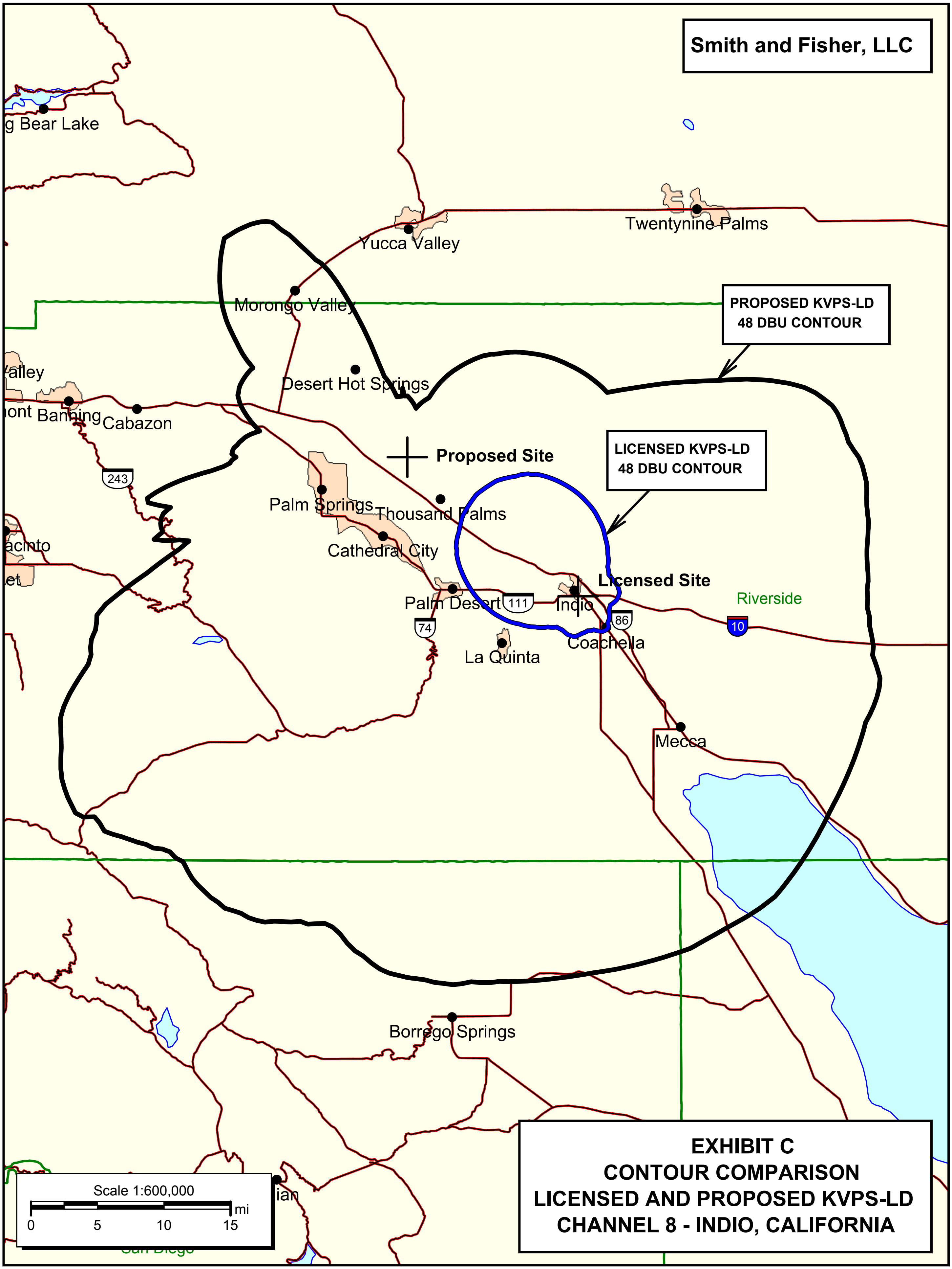
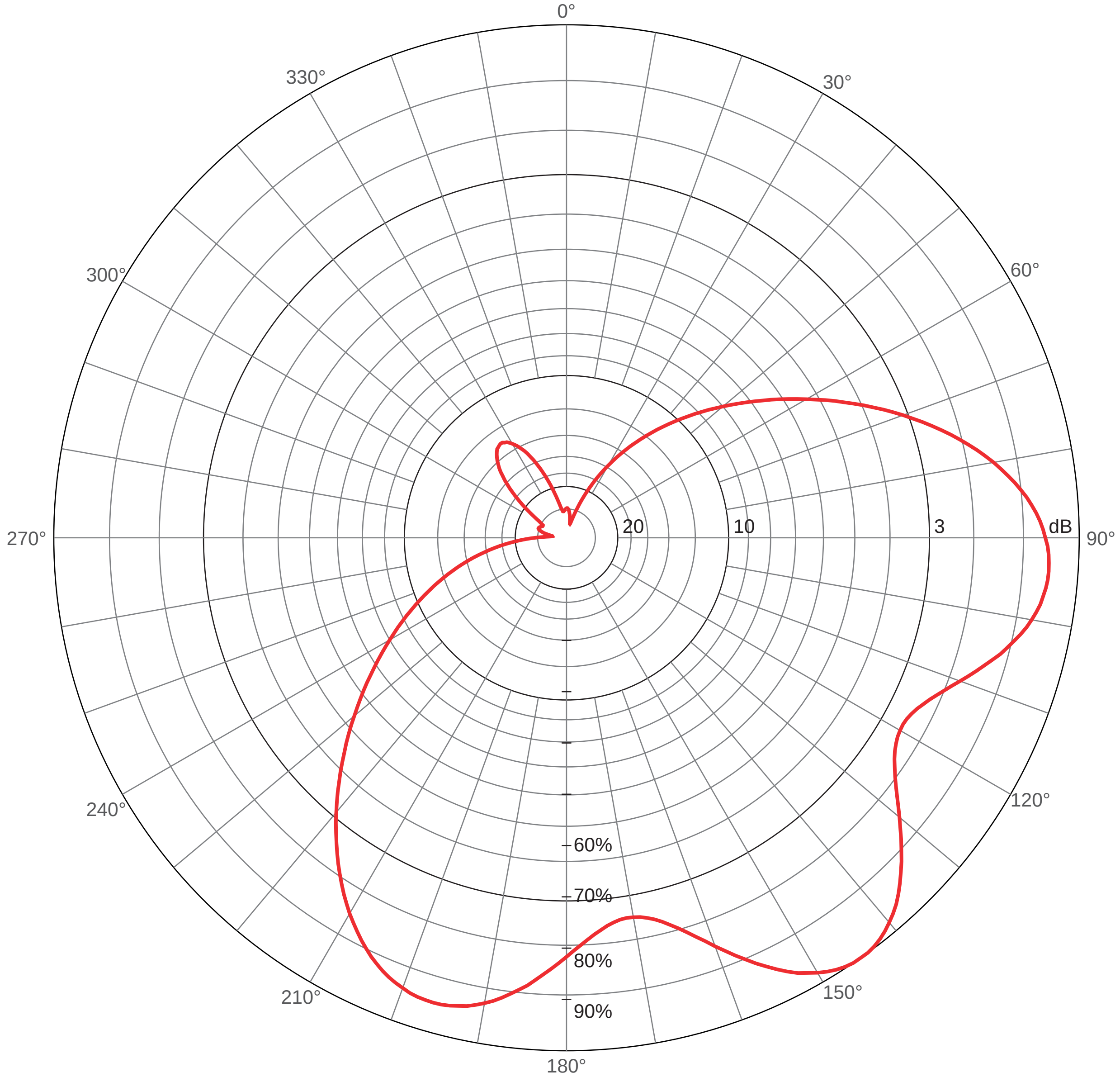

Smith and Fisher, LLC
PROPOSED KVPS-LD
48 DBU CONTOUR
LICENSED KVPS-LD
48 DBU CONTOUR
Proposed Site
Licensed Site
Bear Lake
Twentynine Palms
Yucca Valley
Morongo Valley
Desert Hot Springs
Banning
Cabazon
Palm Springs
Thousand Palms
Cathedral City
Palm Desert
Indio
Coachella
La Quinta
Mecca
Riverside
Borrego Springs
243
111
74
86
10
Scale 1:600,000
0
5
10
15
mi
EXHIBIT C
CONTOUR COMPARISON
LICENSED AND PROPOSED KVPS-LD
CHANNEL 8 - INDIO, CALIFORNIA

EXHIBIT D

Azimuthal Pattern (polar-linear)



Antenna, Order No. 600256		Frequency:	183 MHz
Panels per Bay:	2	Azimuthal Directivity:	4.45 dB
		Directivity:	8.02 dBd

No.	Azimuth [°]	Radius [mm]	Offset [mm]	Power	Phase [°]
1	100	635	0	1	0
2	190	635	0	1	0

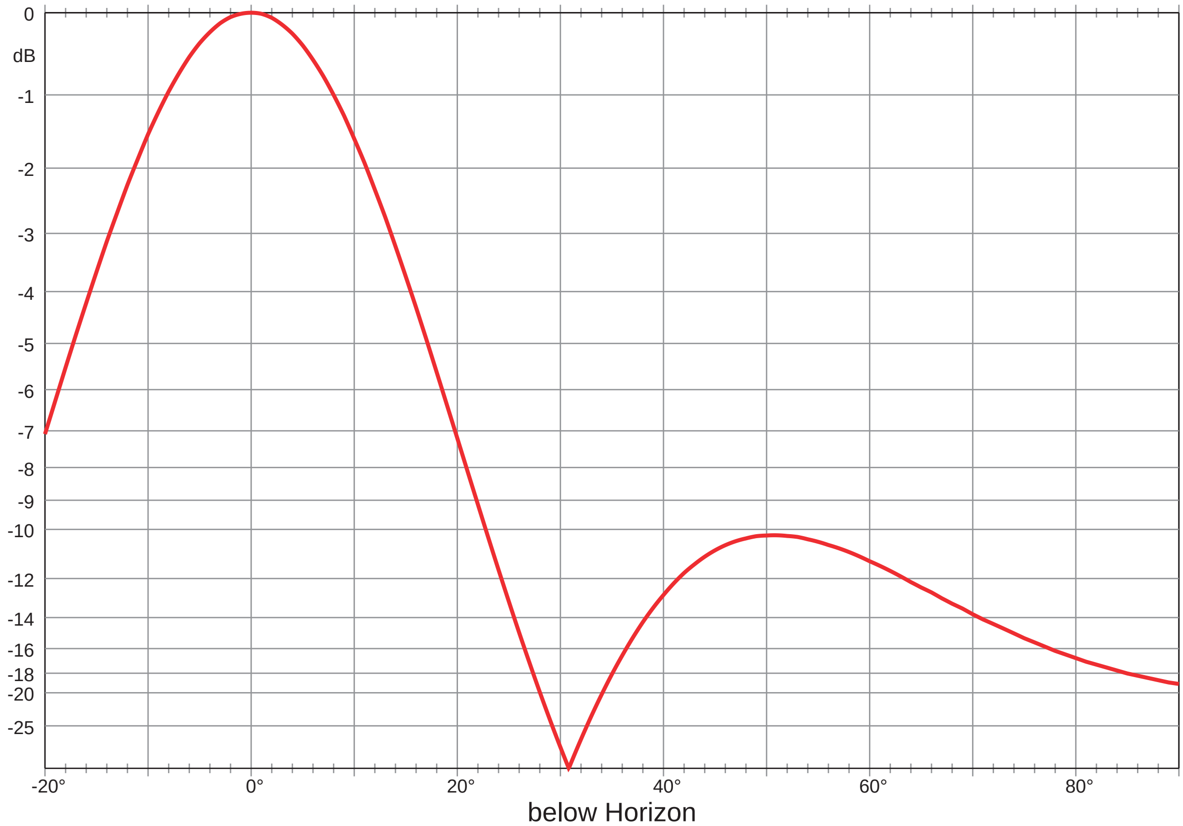
simulation with typical exactness of +/- 8% of max signal

Subject to alternation

KATHREIN	KVPS	DRV2/2HW	Date: 2020.09.16
			Page: 3

EXHIBIT D

Elevation Pattern (cartesian-linear)



Antenna, Order No. 600256
Number of Bays: 2

Frequency: 183 MHz
Elevation Directivity: 3.57 dBd
Directivity: 8.02 dBd
Downtilt: 0°
Compensation: 0 %

No.	Vert. Distance [mm]	Power	Phase [°]
2	1600	1	0
1	0	1	0

Subject to alternation

KATHREIN

KVPS	DRV2/2HW	Date: 2020.09.16
		Page: 4

EXHIBIT D

Azimuthal Pattern

Angle	dB	Angle	dB	Angle	dB	Angle	dB	Angle	dB	Angle	dB	Angle	dB	Angle	dB
0	-24.83	45	-9.51	90	-0.59	135	-0.7	180	-1.76	225	-4.17	270	-24.32	315	-14.81
1	-24.75	46	-9.18	91	-0.55	136	-0.57	181	-1.63	226	-4.4	271	-25.51	316	-14.47
2	-24.77	47	-8.88	92	-0.53	137	-0.45	182	-1.51	227	-4.62	272	-26.89	317	-14.2
3	-24.95	48	-8.57	93	-0.52	138	-0.34	183	-1.39	228	-4.86	273	-28.26	318	-13.91
4	-25.09	49	-8.29	94	-0.51	139	-0.26	184	-1.27	229	-5.09	274	-29.66	319	-13.69
5	-25.54	50	-8	95	-0.52	140	-0.18	185	-1.15	230	-5.35	275	-30.79	320	-13.49
6	-25.8	51	-7.71	96	-0.54	141	-0.11	186	-1.05	231	-5.59	276	-31.19	321	-13.31
7	-26.42	52	-7.44	97	-0.57	142	-0.06	187	-0.96	232	-5.84	277	-31.08	322	-13.16
8	-26.85	53	-7.16	98	-0.6	143	-0.02	188	-0.86	233	-6.09	278	-30.27	323	-13.11
9	-27.71	54	-6.89	99	-0.65	144	0	189	-0.78	234	-6.35	279	-29.41	324	-13.04
10	-28.53	55	-6.63	100	-0.71	145	0	190	-0.71	235	-6.63	280	-28.52	325	-12.99
11	-29.42	56	-6.35	101	-0.78	146	0	191	-0.65	236	-6.89	281	-27.71	326	-13
12	-30.28	57	-6.09	102	-0.86	147	-0.02	192	-0.6	237	-7.16	282	-26.84	327	-13.11
13	-31.09	58	-5.84	103	-0.96	148	-0.06	193	-0.57	238	-7.44	283	-26.42	328	-13.16
14	-31.21	59	-5.59	104	-1.05	149	-0.12	194	-0.54	239	-7.71	284	-25.8	329	-13.31
15	-30.8	60	-5.35	105	-1.15	150	-0.18	195	-0.52	240	-8	285	-25.53	330	-13.49
16	-29.68	61	-5.11	106	-1.27	151	-0.27	196	-0.51	241	-8.29	286	-25.09	331	-13.69
17	-28.27	62	-4.86	107	-1.39	152	-0.35	197	-0.52	242	-8.57	287	-24.95	332	-13.91
18	-26.9	63	-4.62	108	-1.51	153	-0.45	198	-0.53	243	-8.88	288	-24.77	333	-14.2
19	-25.52	64	-4.4	109	-1.63	154	-0.57	199	-0.55	244	-9.18	289	-24.74	334	-14.47
20	-24.32	65	-4.17	110	-1.76	155	-0.7	200	-0.59	245	-9.51	290	-24.82	335	-14.81
21	-23.04	66	-3.95	111	-1.88	156	-0.84	201	-0.63	246	-9.83	291	-24.88	336	-15.26
22	-21.95	67	-3.74	112	-2	157	-0.98	202	-0.68	247	-10.16	292	-25.06	337	-15.66
23	-20.95	68	-3.52	113	-2.11	158	-1.13	203	-0.75	248	-10.5	293	-25.26	338	-16.18
24	-20.04	69	-3.32	114	-2.21	159	-1.28	204	-0.82	249	-10.86	294	-25.44	339	-16.7
25	-19.2	70	-3.11	115	-2.3	160	-1.44	205	-0.9	250	-11.2	295	-25.53	340	-17.28
26	-18.4	71	-2.93	116	-2.38	161	-1.6	206	-1	251	-11.59	296	-25.73	341	-17.9
27	-17.65	72	-2.73	117	-2.44	162	-1.74	207	-1.1	252	-11.97	297	-25.75	342	-18.58
28	-16.99	73	-2.55	118	-2.48	163	-1.89	208	-1.22	253	-12.37	298	-25.68	343	-19.26
29	-16.35	74	-2.37	119	-2.49	164	-2.02	209	-1.33	254	-12.8	299	-25.2	344	-20.01
30	-15.77	75	-2.2	120	-2.48	165	-2.14	210	-1.45	255	-13.21	300	-24.64	345	-20.87
31	-15.2	76	-2.04	121	-2.46	166	-2.25	211	-1.59	256	-13.68	301	-24.11	346	-21.65
32	-14.65	77	-1.88	122	-2.41	167	-2.34	212	-1.73	257	-14.15	302	-23.31	347	-22.51
33	-14.15	78	-1.73	123	-2.34	168	-2.41	213	-1.88	258	-14.65	303	-22.51	348	-23.31
34	-13.68	79	-1.59	124	-2.25	169	-2.46	214	-2.04	259	-15.2	304	-21.65	349	-24.1
35	-13.2	80	-1.45	125	-2.14	170	-2.49	215	-2.2	260	-15.79	305	-20.87	350	-24.76
36	-12.8	81	-1.33	126	-2.02	171	-2.5	216	-2.37	261	-16.35	306	-20.02	351	-25.2
37	-12.37	82	-1.22	127	-1.89	172	-2.48	217	-2.55	262	-16.99	307	-19.26	352	-25.68
38	-11.97	83	-1.1	128	-1.74	173	-2.44	218	-2.73	263	-17.65	308	-18.58	353	-25.75
39	-11.59	84	-1	129	-1.59	174	-2.38	219	-2.92	264	-18.4	309	-17.9	354	-25.73
40	-11.2	85	-0.9	130	-1.43	175	-2.3	220	-3.11	265	-19.2	310	-17.28	355	-25.54
41	-10.85	86	-0.82	131	-1.28	176	-2.21	221	-3.32	266	-20.04	311	-16.68	356	-25.45
42	-10.5	87	-0.75	132	-1.13	177	-2.11	222	-3.52	267	-20.95	312	-16.18	357	-25.27
43	-10.16	88	-0.68	133	-0.98	178	-2	223	-3.74	268	-21.94	313	-15.66	358	-25.07
44	-9.83	89	-0.63	134	-0.83	179	-1.88	224	-3.95	269	-23.04	314	-15.26	359	-24.89

Frequency: 183 MHz

Gain: 8.02 dBd

Subject to alternation

KVPS DRV2/2HW

Date: 2020.09.16

KATHREIN Broadcast GmbH Ing.-Anton-Kathrein-Str. 1-7 83101 Rohrdorf-Thansau Germany www.kathrein-bca.com

EXHIBIT D

Elevation Pattern

Angle	dB	Angle	dB	Angle	dB	Angle	dB	Angle	dB	Angle	dB	Angle	dB	Angle	dB
0	0	45	-10.8	90	-19.04	135	-28.61	180	-27.74	225	-28.61	270	-18.89	315	-10.55
1	-0.01	46	-10.59	91	-19.2	136	-29.38	181	-27.76	226	-28.02	271	-18.66	316	-10.81
2	-0.06	47	-10.44	92	-19.36	137	-30.22	182	-28.01	227	-27.34	272	-18.44	317	-11.12
3	-0.14	48	-10.33	93	-19.52	138	-31.13	183	-28.07	228	-26.71	273	-18.23	318	-11.52
4	-0.24	49	-10.25	94	-19.69	139	-32.13	184	-28.38	229	-26.25	274	-18.02	319	-12
5	-0.38	50	-10.23	95	-19.86	140	-33.23	185	-28.49	230	-25.69	275	-17.75	320	-12.55
6	-0.56	51	-10.22	96	-19.95	141	-34.6	186	-28.86	231	-25.28	276	-17.49	321	-13.23
7	-0.76	52	-10.24	97	-20.04	142	-35.97	187	-29.26	232	-24.9	277	-17.24	322	-14.06
8	-1	53	-10.28	98	-20.22	143	-37.54	188	-29.69	233	-24.55	278	-17	323	-15.07
9	-1.27	54	-10.37	99	-20.32	144	-39.53	189	-30.41	234	-24.1	279	-16.71	324	-16.31
10	-1.59	55	-10.46	100	-20.42	145	-41.7	190	-30.92	235	-23.79	280	-16.43	325	-17.9
11	-1.93	56	-10.59	101	-20.52	146	-44.62	191	-31.48	236	-23.6	281	-16.16	326	-20
12	-2.32	57	-10.71	102	-20.63	147	-48.27	192	-32.36	237	-23.33	282	-15.84	327	-23.02
13	-2.74	58	-10.87	103	-20.64	148	-54.22	193	-33.01	238	-23.06	283	-15.55	328	-28.11
14	-3.21	59	-11.04	104	-20.75	149	-70.87	194	-34.02	239	-22.82	284	-15.26	329	-44.1
15	-3.73	60	-11.24	105	-20.87	150	-58.37	195	-35.12	240	-22.58	285	-14.94	330	-30.89
16	-4.3	61	-11.44	106	-20.89	151	-52.25	196	-35.96	241	-22.47	286	-14.64	331	-23.76
17	-4.92	62	-11.66	107	-21.01	152	-49.03	197	-37.24	242	-22.26	287	-14.35	332	-19.75
18	-5.61	63	-11.9	108	-21.14	153	-47.04	198	-38.23	243	-22.06	288	-14.07	333	-16.95
19	-6.37	64	-12.17	109	-21.17	154	-45.73	199	-39.3	244	-21.97	289	-13.77	334	-14.76
20	-7.19	65	-12.42	110	-21.31	155	-44.88	200	-40.47	245	-21.79	290	-13.45	335	-12.98
21	-8.12	66	-12.66	111	-21.35	156	-43.93	201	-41.27	246	-21.72	291	-13.18	336	-11.48
22	-9.14	67	-12.96	112	-21.5	157	-43.2	202	-42.17	247	-21.56	292	-12.9	337	-10.17
23	-10.3	68	-13.23	113	-21.56	158	-42.17	203	-43.2	248	-21.5	293	-12.6	338	-9.02
24	-11.61	69	-13.49	114	-21.72	159	-41.27	204	-43.93	249	-21.35	294	-12.35	339	-8
25	-13.12	70	-13.81	115	-21.79	160	-40.47	205	-44.88	250	-21.31	295	-12.09	340	-7.08
26	-14.92	71	-14.11	116	-21.97	161	-39.3	206	-45.73	251	-21.17	296	-11.81	341	-6.26
27	-17.09	72	-14.38	117	-22.06	162	-38.23	207	-47.04	252	-21.14	297	-11.56	342	-5.5
28	-19.92	73	-14.66	118	-22.26	163	-37.24	208	-49.03	253	-21.01	298	-11.33	343	-4.82
29	-23.91	74	-14.96	119	-22.47	164	-35.96	209	-52.25	254	-20.89	299	-11.13	344	-4.21
30	-31.07	75	-15.28	120	-22.58	165	-35.12	210	-58.37	255	-20.87	300	-10.91	345	-3.65
31	-44.26	76	-15.56	121	-22.82	166	-34.02	211	-70.87	256	-20.75	301	-10.72	346	-3.13
32	-28.29	77	-15.86	122	-23.06	167	-33.01	212	-54.22	257	-20.64	302	-10.56	347	-2.67
33	-23.21	78	-16.17	123	-23.33	168	-32.36	213	-48.27	258	-20.63	303	-10.42	348	-2.24
34	-20.2	79	-16.44	124	-23.6	169	-31.48	214	-44.62	259	-20.52	304	-10.28	349	-1.87
35	-18.09	80	-16.72	125	-23.79	170	-30.92	215	-41.7	260	-20.42	305	-10.16	350	-1.52
36	-16.52	81	-17.01	126	-24.1	171	-30.41	216	-39.53	261	-20.32	306	-10.06	351	-1.22
37	-15.27	82	-17.25	127	-24.55	172	-29.69	217	-37.54	262	-20.22	307	-10	352	-0.96
38	-14.26	83	-17.5	128	-24.9	173	-29.26	218	-35.97	263	-20.04	308	-9.95	353	-0.73
39	-13.45	84	-17.76	129	-25.28	174	-28.86	219	-34.6	264	-19.95	309	-9.94	354	-0.52
40	-12.79	85	-18.03	130	-25.69	175	-28.49	220	-33.23	265	-19.86	310	-9.93	355	-0.36
41	-12.22	86	-18.23	131	-26.25	176	-28.38	221	-32.13	266	-19.69	311	-9.99	356	-0.23
42	-11.75	87	-18.44	132	-26.71	177	-28.07	222	-31.13	267	-19.52	312	-10.06	357	-0.12
43	-11.37	88	-18.66	133	-27.34	178	-28.01	223	-30.22	268	-19.36	313	-10.18	358	-0.05
44	-11.05	89	-18.89	134	-28.02	179	-27.76	224	-29.38	269	-19.04	314	-10.34	359	-0.01

Frequency: 183 MHz
Gain: 8.02 dBd

Subject to alternation

KATHREIN

KVPS DRV2/2HW

Date: 2020.09.16

KATHREIN Broadcast GmbH Ing.-Anton-Kathrein-Str. 1-7 83101 Rohrdorf-Thansau Germany www.kathrein-bca.com

EXHIBIT E

TVSTUDY INTERFERENCE ANALYSIS RESULTS
PROPOSED KVPS-LD
CHANNEL 8 – INDIO, CALIFORNIA
[MODIFICATION OF LMS-0000076002]

Study created: 2020.09.18 17:59:53

Study build station data: LMS TV 2020-09-10

Proposal: KVPS-LD D8+ LD CP INDIO, CA
File number: BLANK0000076002
Facility ID: 10533
Station data: User record
Record ID: 863
Country: U.S.

Build options:
Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K07ZF	N7-	TX	LIC	CALEXICO, CA	BLTVL20130122AEJ	164.7 km
No	KABC-TV	D7	DT	CP	LOS ANGELES, CA	BLANK0000035672	155.7
No	KABC-TV	D7	DT	LIC	LOS ANGELES, CA	BLANK0000058534	155.7
Yes	NEW	D7	LD	APP	NORTH PALM SPRINGS, CA	BNPDVL20090825BHP	12.2
Yes	NEW	D7	LD	APP	PALM SPRINGS, CA	BNPDVL20090825BGC	0.1
No	KZTC-LD	D7	LD	LIC	SAN DIEGO, CA	BLANK0000063297	107.5
No	KLAS-TV	D7	DT	LIC	LAS VEGAS, NV	BLANK0000112828	263.6
Yes	NEW	D8	LD	APP	DOTHAN, AL	BMJADVL20100520ADH	155.9
No	K08PK-D	D8	LD	LIC	BULLHEAD CITY, AZ	BLDTV20130308AAP	228.0
No	KAET	D8	DT	LIC	PHOENIX, AZ	BLEDT20090612AEF	408.8
No	K24GS	D8	LD	CP	BAKERSFIELD, CA	BDISDVL20121010AAW	264.9
No	KILA-LD	D8	LD	LIC	CHERRY VALLEY, CA	BLANK0000010869	79.7
No	KILA-LD	D8	LD	CP	CHERRY VALLEY, CA	BLANK0000120350	110.1
No	KFLA-LD	D8	LD	LIC	LOS ANGELES, CA	BLANK0000092356	155.7
No	KTAV-LD	D8	LD	APP	Los Angeles, CA	BLANK0000054684	180.3
No	K08IA	N8	TX	LIC	NEWBERRY SPRINGS, CA	BLTTV5051	110.0
Yes	KFMB-TV	D8	DT	APP	SAN DIEGO, CA	BLANK0000035772	137.1
Yes	KFMB-TV	D8	DT	LIC	SAN DIEGO, CA	BLCDT20100520ACV	137.1
No	KZDF-LD	D8	LD	LIC	SANTA BARBARA, CA	BLANK0000001085	305.7
No	KKDJ-LP	N8z	TX	LIC	SANTA MARIA, CA	BLTVL20070508AAI	363.3
No	KKDJ-LP	D8	LD	CP	SANTA MARIA, CA	BDFCDVL20090824AGZ	363.3
No	K08PG-D	D8	LD	LIC	INDIAN SPRINGS, NV	BLDTV20130214ADF	308.3

No	KECY-TV	D9	DT	LIC	EL CENTRO, CA	BLCDT20090723AAO	173.9
No	KCAL-TV	D9	DT	LIC	LOS ANGELES, CA	BLCDT20090612AIY	155.7
Yes	K09XW-D	D9	LD	LIC	PALM DESERT, ETC., CA	BLDTV20120725AFF	35.7
No	KSDX-LD	D9	LD	LIC	SAN DIEGO, CA	BLDVL20091026ADZ	137.9
No	KVVU-TV	D9	DT	APP	HENDERSON, NV	BPCDT20120427AAB	271.2
No	KVVU-TV	D9	DT	LIC	HENDERSON, NV	BLCDT20021120ABN	271.2
No	K10IX-D	N10	TX	LIC	NEWBERRY SPRINGS, CA	BLTTV5095	110.0
No	K12JI	N12	TX	LIC	NEWBERRY SPRINGS, CA	BLTTV5052	110.0
No	K12PO	N12-	TX	LIC	TEMECULA, CA	BLTTV20040219ACC	72.7
No	K12QV	N12+	TX	LIC	VICTORVILLE, CA	BLTVL20110510ABC	71.3

No non-directional AM stations found within 0.8 km

Directional AM stations within 3.2 km:
KPSF 1200 L DA2 D CATHEDRAL CITY, CA BMML20120312ADG
KPSF 1200 L DA2 N CATHEDRAL CITY, CA BMML20120312ADG
KXPS 1010 L DA2 D THOUSAND PALMS, CA BMML20130320AFG
KXPS 1010 L DA2 N THOUSAND PALMS, CA BMML20130320AFG

Record parameters as studied:

Channel: D8+
Mask: Full Service
Latitude: 33 51 57.00 N (NAD83)
Longitude: 116 26 1.00 W
Height AMSL: 485.8 m
HAAT: 0.0 m
Peak ERP: 3.00 kW
Antenna: KATHREIN-new 0.0 deg
Elev Pattrn: Generic

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.010 kW	-71.9 m	7.5 km
45.0	0.340	-219.0	18.2
90.0	2.62	185.8	54.6
135.0	2.50	417.9	68.1
180.0	2.00	353.8	62.7
225.0	1.15	344.0	58.0
270.0	0.011	214.5	20.9
315.0	0.091	209.0	32.1

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 179 m

Distance to Canadian border: 1682.2 km

**Proposal is within coordination distance of Mexican border
Distance to Mexican border: 140.9 km

Conditions at FCC monitoring station: Livermore CA
Bearing: 313.3 degrees   Distance: 643.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 51.7 degrees   Distance: 1210.1 km

Study cell size: 1.00 km
Profile point spacing: 0.10 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

No IX check failures found.

EXHIBIT F

POWER DENSITY CALCULATION

PROPOSED KVPS-LD
CHANNEL 8 – INDIO, CALIFORNIA

[MODIFICATION OF LMS-0000076002]

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Indio facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 3.0 kW, an antenna radiation center 15.2 meters above ground, and the specific elevation pattern of the proposed Kathrein antenna, maximum power density two meters above ground of 0.036 mW/cm^2 is calculated to occur 10 meters southeast of the base of the structure. Since this is only 3.6 percent of the 1.0 mW/cm^2 reference for controlled environments (areas without public access) surrounding a facility operating on Channel 8 (180-186 MHz), and since the site is inaccessible to the public, a grant of this proposal may be considered a minor environmental action with respect to public and occupational exposure to non-ionizing electromagnetic radiation.

Further, the station owner will take whatever precautionary steps are necessary, such as reducing power or leaving the air temporarily, to ensure that workers operating in the vicinity of the antenna are not exposed to excessive non-ionizing radiation.