



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

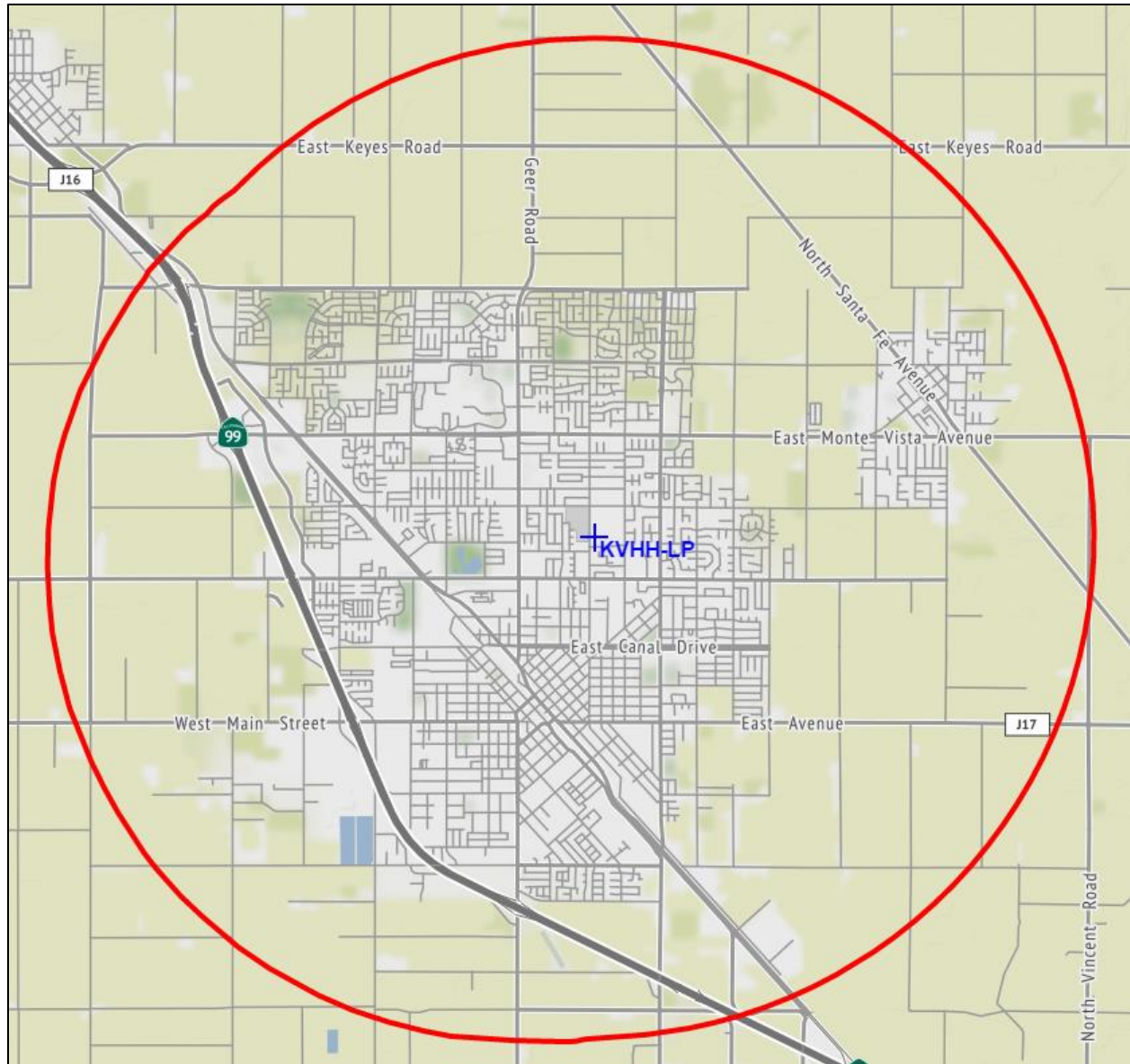
Minor modification for KVHH-LP

DENAIR, CA

HOPE & HEALING MINISTRIES, INC.

BLL-20160429AAX

PROPOSED 60dBu F(50,50) SERVICE CONTOUR



TURLOCK, CA – Channel 298L1 (107.5 MHz) ~ ERP 0.100 kW

Elev: 33 meters ~ RCAGL: 26 meters ~ RCAMSL: 59 meters ~ HAAT: 27m (FCC30)

Overall tower height: 44 meters – ASR: None required (no nearby airports)

NAD27 Latitude: 37° 30' 41.0" NL – Longitude: 120° 50' 18.0" WL

NAD83 Latitude: 37° 30' 40.8" NL – Longitude: 120° 50' 21.8" WL

No AM stations within 3 km of proposed site.

R E C NETWORKS
CHANNEL REPORT

NAD27 LATITUDE: 37 - 30' 41.0" - LONGITUDE: 120 - 50' 18.0"
CHANNEL: 298 - CLASS: LPFM(LP-100)

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
295	106.9	KQLB : VLB BROADCASTING, INC.	LOS BANOS	CA A	65.0	0.0	65.0	180.4
296	107.1	KHIT-FM : LOTUS FRESNO CORP.	MADERA	CA B1	111.4	46.0	65.4	112.2
296	107.1	K296FO : CENTRAL VALLEY BROADCASTING CO., INC.	SONORA	CA D8	65.0	21.0	44.0	36.1
297	107.3	KLVS : SAN JOAQUIN BROADCASTING CO., NON-PROFIT CORPORATION	LIVERMORE	CA B	113.1	97.0	16.1	287.7
297	107.3	K297BU : MAPLETON LICENSE OF MERCED, LLC	MERCED	CA D3	43.3	21.0	22.3	124.2
298	107.5	KQPT : MAPLETON LICENSE OF CHICO, LLC	COLUSA	CA B	236.6	112.0	124.6	327.0
298	107.5	KPIG-FM : MAPLETON LICENSE OF MONTEREY, LLC	FREEDOM	CA A	107.6	67.0	40.6	225.8
298	107.5	KOND : UNIVISION RADIO ILLINOIS, INC.	HANFORD	CA B	194.5	112.0	82.5	119.5
298	107.5	NEW : FARMS OF AMADOR	SUTTER CREEK	CA A	104.8	67.0	37.8	13.5
298	107.5	NEW : SONORA SIERRA HERITAGE FOUNDATION	SUTTER CREEK	CA A	104.8	67.0	37.8	13.5
299	107.7	KSAN : RADIO LICENSE HOLDING SRC LLC	SAN MATEO	CA B	142.4	97.0	45.4	278.4
299	107.7	K299BR : BOTT COMMUNICATIONS, INC.	SONORA	CA D5	77.6	21.0	56.6	43.3
299	107.7	KFFW-LP : IGLESIA DE CRISTO MINISTERIOS LLAMADA FINAL ATWATER	ATWATER	CA L1	32.0	14.0	18.0	144.1
300	107.9	KGCE-LP : GRACE ORTHODOX PRESBYTERIAN CHURCH OF MODESTO, CA	MODESTO	CA L1	25.2	0.0	25.2	321.7
300	107.9	KGCE-LP : GRACE ORTHODOX PRESBYTERIAN CHURCH OF MODESTO, CA	MODESTO	CA L1	25.2	0.0	25.2	321.7
300	107.9	KDND : ENTERCOM LICENSE, LLC	SACRAMENTO	CA B	144.6	67.0	77.6	337.2
300	107.9	KLLE : UNIVISION RADIO ILLINOIS, INC.	NORTH FORK	CA B1	115.3	46.0	69.3	101.7

Contour: 5050

Azimuth	Field	ERP	HAAT	Contour	Latitude	Longitude
0	1.000	0.100	<30.0	5.637	37.56201500	-120.83936900
5	1.000	0.100	<30.0	5.637	37.56182200	-120.83379600
10	1.000	0.100	<30.0	5.637	37.56124500	-120.82826500
15	1.000	0.100	<30.0	5.637	37.56028700	-120.82281900
20	1.000	0.100	<30.0	5.637	37.55895600	-120.81749900
25	1.000	0.100	<30.0	5.637	37.55726300	-120.81234600
30	1.000	0.100	<30.0	5.637	37.55522000	-120.80739900
35	1.000	0.100	<30.0	5.637	37.55284200	-120.80269600
40	1.000	0.100	<30.0	5.637	37.55014900	-120.79827200
45	1.000	0.100	<30.0	5.637	37.54716000	-120.79416100
50	1.000	0.100	<30.0	5.637	37.54389800	-120.79039500
55	1.000	0.100	<30.0	5.637	37.54038800	-120.78700300
60	1.000	0.100	<30.0	5.637	37.53665700	-120.78400900
65	1.000	0.100	<30.0	5.637	37.53273300	-120.78143700
70	1.000	0.100	<30.0	5.637	37.52864700	-120.77930600
75	1.000	0.100	<30.0	5.637	37.52442900	-120.77763300
80	1.000	0.100	<30.0	5.637	37.52011100	-120.77643000
85	1.000	0.100	<30.0	5.637	37.51572600	-120.77570600
90	1.000	0.100	<30.0	5.637	37.51130800	-120.77546600
95	1.000	0.100	<30.0	5.637	37.50689000	-120.77571300
100	1.000	0.100	<30.0	5.637	37.50250600	-120.77644500
105	1.000	0.100	<30.0	5.637	37.49818900	-120.77765500
110	1.000	0.100	<30.0	5.637	37.49397300	-120.77933400
115	1.000	0.100	<30.0	5.637	37.48988800	-120.78147000
120	1.000	0.100	<30.0	5.637	37.48596700	-120.78404600
125	1.000	0.100	<30.0	5.637	37.48223900	-120.78704300
130	1.000	0.100	<30.0	5.637	37.47873200	-120.79043800
135	1.000	0.100	<30.0	5.637	37.47547300	-120.79420500
140	1.000	0.100	<30.0	5.637	37.47248700	-120.79831500
145	1.000	0.100	<30.0	5.637	37.46979600	-120.80273600
150	1.000	0.100	<30.0	5.637	37.46742200	-120.80743700
155	1.000	0.100	<30.0	5.637	37.46538100	-120.81237900
160	1.000	0.100	<30.0	5.637	37.46369000	-120.81752700
165	1.000	0.100	<30.0	5.637	37.46236100	-120.82284100
170	1.000	0.100	<30.0	5.637	37.46140400	-120.82828000
175	1.000	0.100	<30.0	5.637	37.46082800	-120.83380400

Azimuth	Field	ERP	HAAT	Contour	Latitude	Longitude
180	1.000	0.100	<30.0	5.637	37.46063500	-120.83936900
185	1.000	0.100	<30.0	5.637	37.46082800	-120.84493500
190	1.000	0.100	30.4	5.670	37.46110900	-120.85052400
195	1.000	0.100	31.4	5.749	37.46138500	-120.85622700
200	1.000	0.100	32.2	5.814	37.46219100	-120.86189800
205	1.000	0.100	33.0	5.878	37.46341400	-120.86751400
210	1.000	0.100	33.7	5.935	37.46509900	-120.87299100
215	1.000	0.100	34.2	5.975	37.46730600	-120.87819800
220	1.000	0.100	34.8	6.021	37.46983400	-120.88322600
225	1.000	0.100	35.1	6.052	37.47283000	-120.88786100
230	1.000	0.100	35.5	6.084	37.47614300	-120.89218400
235	1.000	0.100	35.8	6.108	37.47980700	-120.89606600
240	1.000	0.100	35.8	6.111	37.48383200	-120.89934600
245	1.000	0.100	35.9	6.115	37.48806700	-120.90218300
250	1.000	0.100	35.9	6.119	37.49248500	-120.90454500
255	1.000	0.100	35.9	6.119	37.49706300	-120.90636800
260	1.000	0.100	35.9	6.113	37.50176000	-120.90760800
265	1.000	0.100	35.5	6.087	37.50653400	-120.90810800
270	1.000	0.100	35.3	6.067	37.51130500	-120.90815500
275	1.000	0.100	35.0	6.039	37.51603900	-120.90758300
280	1.000	0.100	34.5	6.002	37.52067900	-120.90638900
285	1.000	0.100	33.9	5.950	37.52515700	-120.90454400
290	1.000	0.100	33.1	5.887	37.52941700	-120.90210700
295	1.000	0.100	32.2	5.819	37.53342500	-120.89917500
300	1.000	0.100	31.6	5.765	37.53723500	-120.89599500
305	1.000	0.100	30.7	5.696	37.54069200	-120.89228400
310	1.000	0.100	<30.0	5.637	37.54389800	-120.88834400
315	1.000	0.100	<30.0	5.637	37.54716000	-120.88457800
320	1.000	0.100	<30.0	5.637	37.55014900	-120.88046700
325	1.000	0.100	<30.0	5.637	37.55284200	-120.87604300
330	1.000	0.100	<30.0	5.637	37.55522000	-120.87134000
335	1.000	0.100	<30.0	5.637	37.55726300	-120.86639300
340	1.000	0.100	<30.0	5.637	37.55895600	-120.86124000
345	1.000	0.100	<30.0	5.637	37.56028700	-120.85592000
350	1.000	0.100	<30.0	5.637	37.56124500	-120.85047400
355	1.000	0.100	<30.0	5.637	37.56182200	-120.84494300

REQUEST FOR HANDLING UNDER §73.870(a)
NON-ADJACENT CHANNEL

KVHH-LP
Turlock, CA
Channel 298L1 (107.5 MHz)

KVHH-LP is currently licensed and operating on Channel 257L1 (99.3) from Denair, California.

Currently, KVHH-LP is experiencing co-channel interference from KJOY, Stockton, California. KJOY is placing a 44.2 dBu interfering contour at the current site. A contour study further shows that KVHH-LP is inside the 34 dBu interfering contour of KWDO, Fresno, California. A population of 71,478 which are inside the current KVHH-LP protected contour is receiving incoming interference from two co-channel stations.

An alternate channel 298L1 (107.5) has been identified. Channel 298 has a construction permit grant for a two-station co-located noncommercial time share operating a Class A facility at Sutter Creek, California.¹ At the current KVHH-LP site, the only predicted inward interference is from the Sutter Creek station which places an overlapping 40 dBu interfering contour over a small area of the KVHH-LP service contour.

In addition to a channel change, KVHH-LP is proposing a location change to Turlock, California. This move is less than 5.6 km and therefore would be considered a minor change under §73.870(a) in respect to the distance. The move will result KVHH-LP being moved even further away from the Sutter Creek station leaving a very small amount of contour overlap in the very north end of the proposed KVHH-LP service contour, well outside the Turlock and Denair town limits. As a result, a large majority of the 77,421 persons in the proposed KVHH-LP protected contour will receive interference free LPFM service from KVHH-LP.

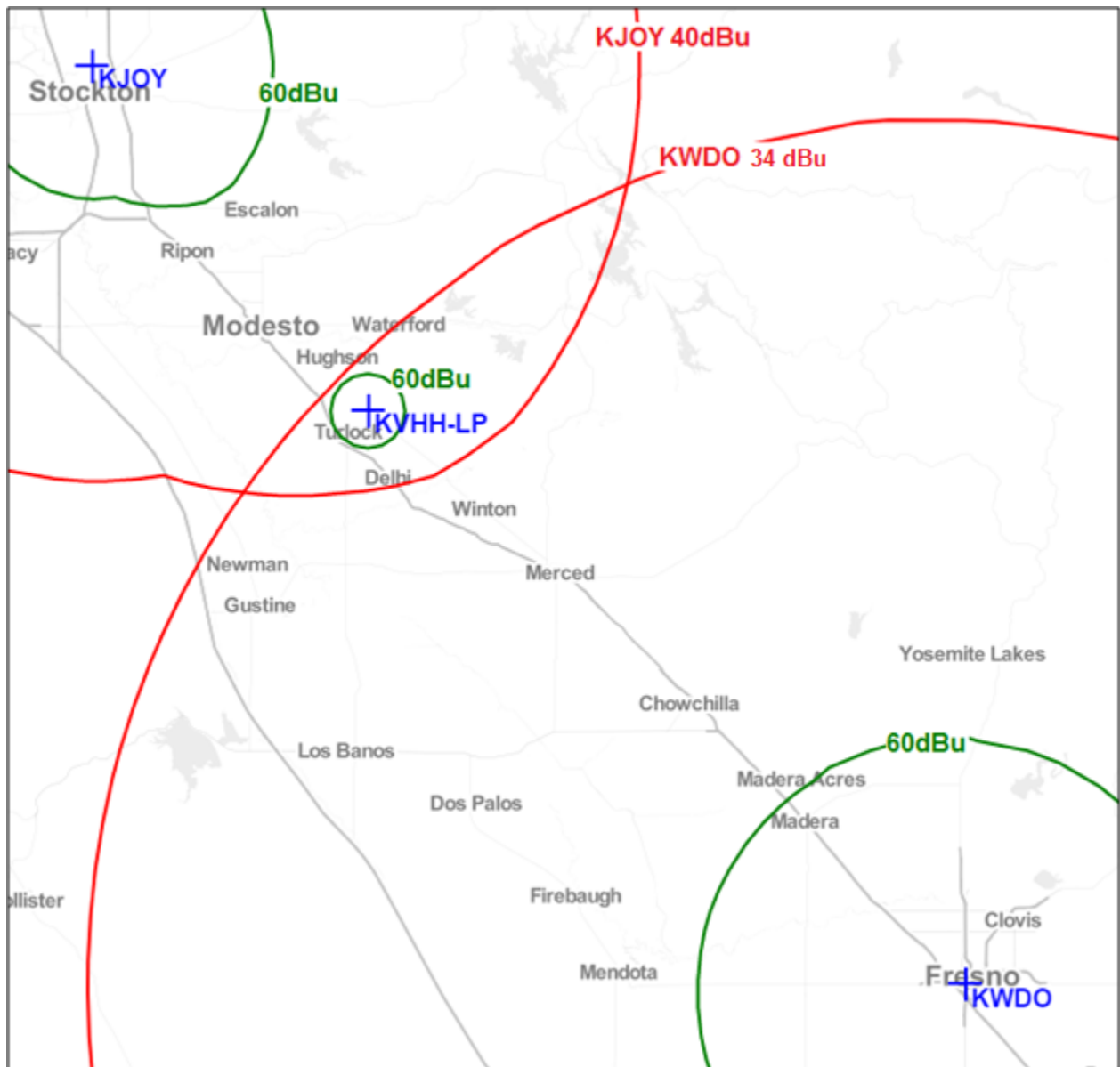
§73.870(a)(1) of the Rules permits “changes in frequency to adjacent or IF frequencies, or, upon a technical showing of reduced interference” to be handled by the Commission as a minor change.² Hope & Healing Ministries, licensee of KVHH-LP is requesting handling under §73.870(a)(1) to change to a non-adjacent channel upon a showing of reduced interference.

Prepared by
Michelle Bradley
REC Networks
June 12, 2017

¹ - See *Farms of Amador*, BNPED-20100224ACJ and *Sonora Sierra Heritage Foundation* (granted, November 21, 2016); BNPED-20100226AJU (granted, November 21, 2016) (collectively, “Sutter Creek”).

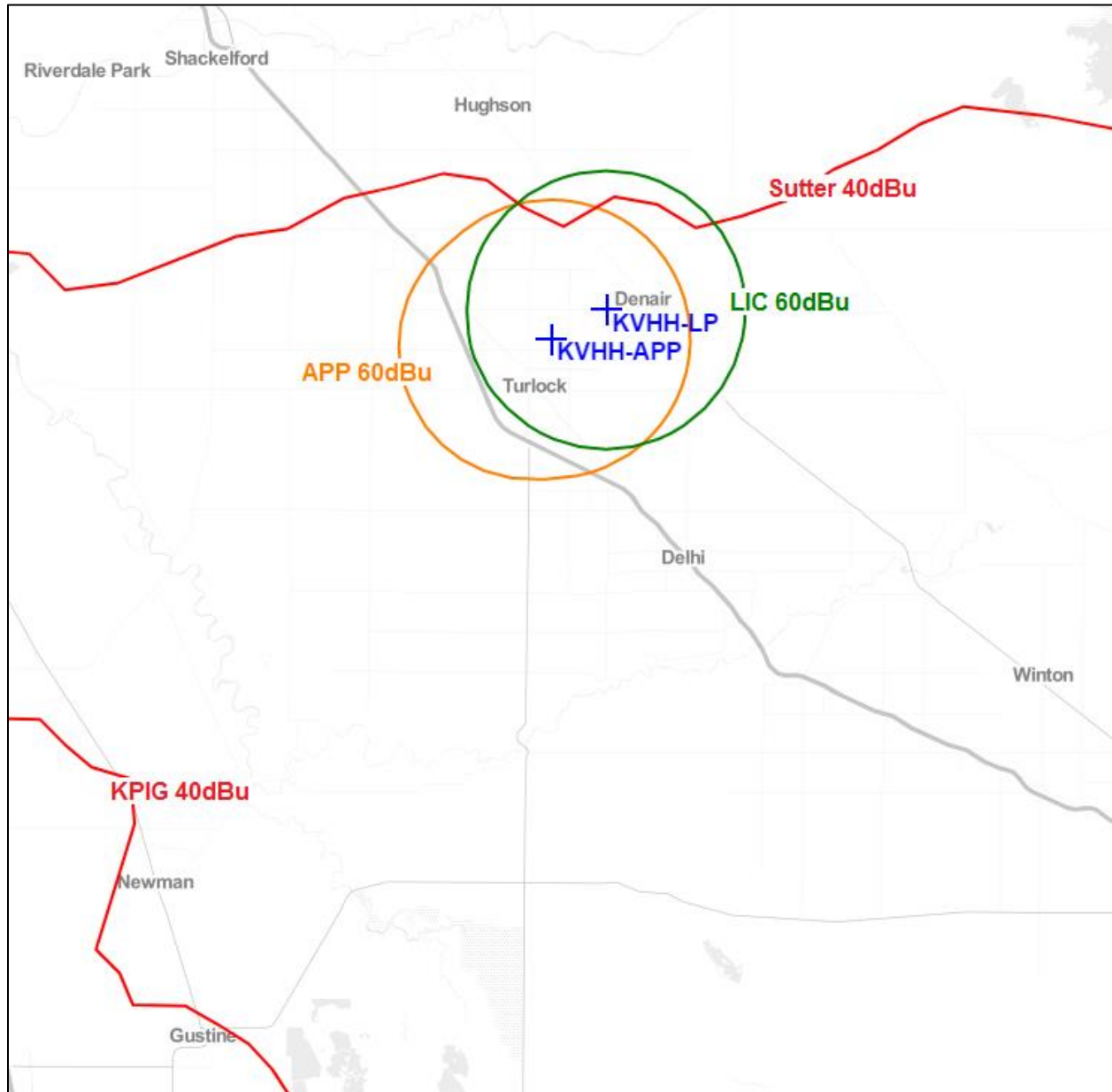
² - See 47 C.F.R. §73.870(a).

KVHH-LP ON CHANNEL 257L1



Inside the 40 dBu interfering contour of KJOY and the 34 dBu interfering contour of KWDO.

PROPOSED ON CHANNEL 298



Green curve is the current KVHH-LP location if KVHH-LP was to remain in Denair and change to Channel 298.

Orange curve is the proposed KVHH-LP location at Turlock, California.

PROPOSED ON CHANNEL 298

