

Technical Certifications Exhibit

This application complies with all engineering standards and assignment requirements specified in the applicable FCC rules and regulations. A move to a new site is proposed as is indicated below:

	Licensed	CP	Minor Mod of CP
Channel / Class	253D	253D	253D
ASRN	N/A	N/A	1011966
Geographical Coordinates	40 26 35.6 120 38 38.8	40 26 35.6 120 38 39.0	40 27 13.0 120 34 18.0
Tower AGL	14.0 m	14.0 m	60.0 m
Site AMSL	1390.0 m	1390.0 m	1776.0 m
RC AGL	12.0 m	12.0 m	13.1 m
RC AMSL	1402.0 m	1402.0 m	1789.1 m
HAAT	-157.9 m	-155.6 m	321.8 m
ERP	0.055 kW (H&V, non-DA)	0.067 kW (H&V, non-DA)	0.011 kW (H&V, non-DA)

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Tabulation of HAAT / ERP / distance to 60 dBu contour

CH 253 40 27 13.0 / 120 34 18.0 0.011 kW ERP (H&V, non-DA) 1789.1 m COR AMSL 321.8 m HAAT

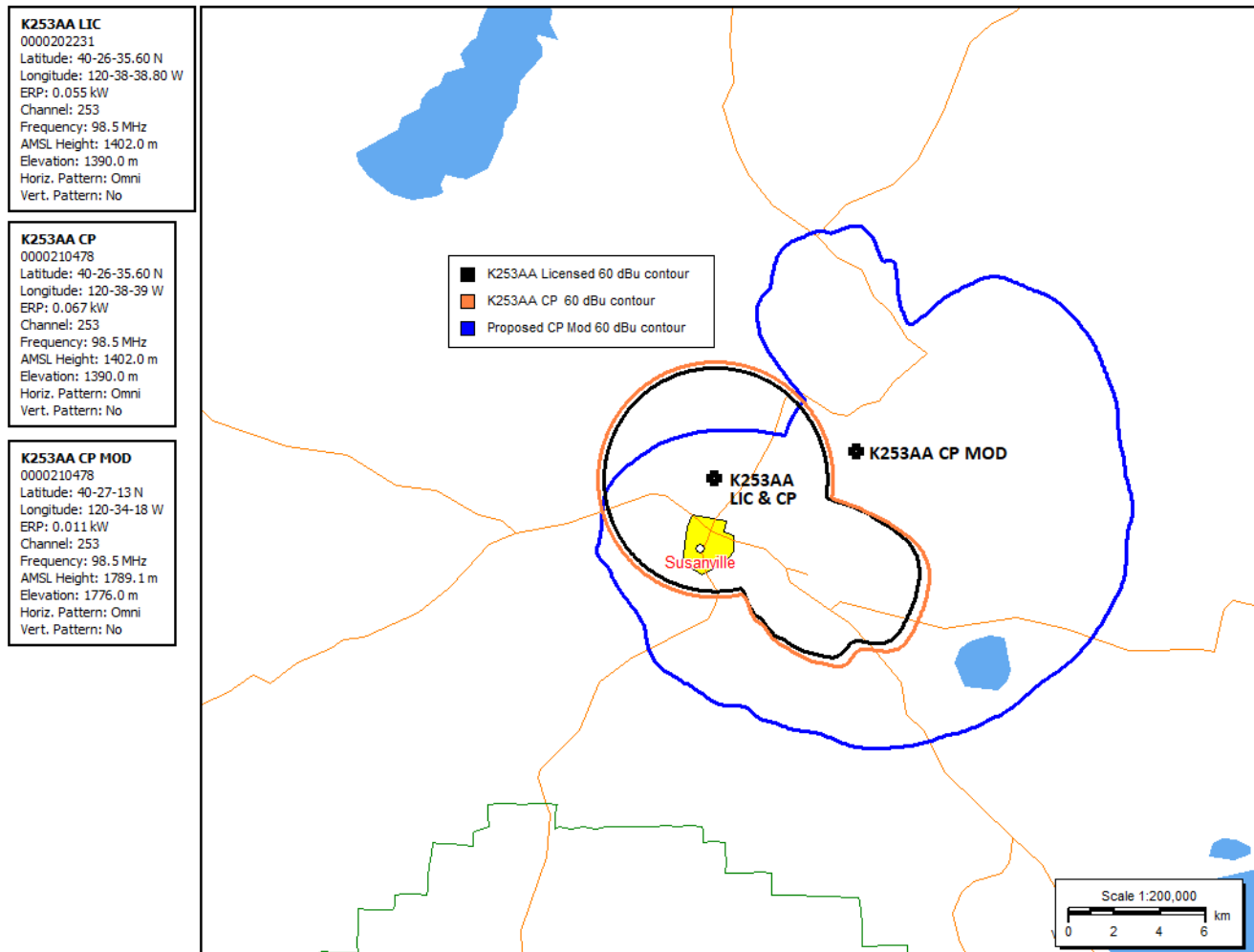
Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	1521.6	267.5	0.0110	-19.59	1.000	9.80
010	1586.3	202.8	0.0110	-19.59	1.000	8.50
020	1683.2	105.9	0.0110	-19.59	1.000	6.17
030	1615.0	174.1	0.0110	-19.59	1.000	7.86
040	1519.8	269.3	0.0110	-19.59	1.000	9.84
050	1475.1	314.0	0.0110	-19.59	1.000	10.60
060	1445.0	344.1	0.0110	-19.59	1.000	11.09
070	1435.8	353.3	0.0110	-19.59	1.000	11.23
080	1425.8	363.3	0.0110	-19.59	1.000	11.38
090	1420.0	369.1	0.0110	-19.59	1.000	11.46
100	1373.6	415.5	0.0110	-19.59	1.000	12.05
110	1346.7	442.4	0.0110	-19.59	1.000	12.37
120	1303.6	485.5	0.0110	-19.59	1.000	12.79
130	1292.2	496.9	0.0110	-19.59	1.000	12.89
140	1308.9	480.2	0.0110	-19.59	1.000	12.74
150	1292.3	496.8	0.0110	-19.59	1.000	12.89
160	1295.5	493.6	0.0110	-19.59	1.000	12.86
170	1294.8	494.3	0.0110	-19.59	1.000	12.86
180	1310.7	478.4	0.0110	-19.59	1.000	12.73
190	1355.0	434.1	0.0110	-19.59	1.000	12.28
200	1351.9	437.2	0.0110	-19.59	1.000	12.32
210	1337.8	451.3	0.0110	-19.59	1.000	12.47
220	1329.5	459.6	0.0110	-19.59	1.000	12.56
230	1373.8	415.3	0.0110	-19.59	1.000	12.04
240	1385.0	404.1	0.0110	-19.59	1.000	11.90
250	1375.9	413.2	0.0110	-19.59	1.000	12.02
260	1438.0	351.1	0.0110	-19.59	1.000	11.20
270	1548.2	240.9	0.0110	-19.59	1.000	9.30
280	1689.8	99.3	0.0110	-19.59	1.000	5.96
290	1800.9	-11.8	0.0110	-19.59	1.000	3.23
300	1816.4	-27.3	0.0110	-19.59	1.000	3.23
310	1787.0	2.1	0.0110	-19.59	1.000	3.23
320	1676.5	112.6	0.0110	-19.59	1.000	6.36
330	1611.4	177.7	0.0110	-19.59	1.000	7.94
340	1544.4	244.7	0.0110	-19.59	1.000	9.37
350	1524.6	264.5	0.0110	-19.59	1.000	9.75

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(yellow highlighted values establish average HAAT)

60 dBu contour coverage map

The proposed minor mod of CP 60 dBu contour will continue to have overlap with the licensed 60 dBu contour.



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Interference Study

CH 253 40 27 13.0 / 120 34 18.0 0.011 kW ERP (H&V, non-DA) 1789.1 m COR AMSL 321.8 m HAAT

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	INT (km) COR (M)	PRO (km) LICENSEE	*IN* (Overlap	*OUT* in km)
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Reference station:

253D	K253AA	LIC	0.0	0.00	40 26 35.60	0.055				
Susanville		CA	270.0	0000202231	120 38 38.80	-158	1402	Educational Media Foundation		
253D	K253AA	CP	259.4	6.25	40 26 35.60	0.067				
Susanville		CA	79.3	0000210478	120 38 39.00	-158	1402	Educational Media Foundation		

Co-channel, 1st, 2nd, & 3rd adjacent channel relationships:

251C	KBUL-FM	LIC	150.5	152.08	39 15 31.60	74.000	12.8	90.2	126.4	61.6
Carson City		NV	331.1	BLH19950504KB	119 42 09.60	699	2340	Radio License Holding Cbc,		
252D	K252AL	LIC	238.8	45.83	40 14 21.50	0.009	6.6	2.7	27.3	23.9
Chester, Etc.		CA	58.5	BLFT19850429TD	121 01 57.80	762	2290	Chico State Enterprises		
253B	KRXQ	LIC	192.8	205.52	38 38 52.70	50.000	136.3	63.2	56.9	82.5
Sacramento		CA	12.5	BLH19931005KB	121 05 54.80	151	335	Audacy License, LLC		
255C2	KWLU	LIC	237.2	45.24	40 13 57.40	1.100	2.2	45.9	30.8	-0.9
Chester		CA	56.9	BLED20150918ACL	121 01 08.70	745	2265	Educational Media Foundation		

I.F. relationships:

None

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Interference Study

K253AA as proposed is located within the protected contour of the following facility:

KWLU (LIC), CH 255C2, Chester, CA

KWLU signal strength at the K253AA site	60.3 dBu
K253AA interference contour	100.3 dBu
Distance to K253AA interference contour	225.1 meters

As is demonstrated on the below map, there are no occupied structures within the 100.3 dBu interference contour. Therefore, based on the showing of no population within the area of predicted interference a waiver of Section 74.1204(d) is respectfully requested.



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Environment Impact & RFR Compliance

K253AA will be located at an established communications site that is in compliance with all environmental impact requirements.

K253AA as proposed will operate with an ERP of 0.011 kW (H&V, non-DA) at an antenna COR AGL height of 13.1 meters. For a worst case analysis at 2 meters above ground level the RFR is no more than 3.0% of the general population/uncontrolled MPE limit. There are other broadcast facilities at the site.

Facilities that contribute no more than 5% of the general population/uncontrolled MPE limit at the site comply with the requirements of OET Bulletin No. 65 with no further study, therefore K253AA as proposed is in compliance with all environmental and RFR requirements.

The site has restricted access to only authorized personnel. The applicant certifies that in cooperation with other users of the site all authorized personnel will be protected from RFR exposure in excess of FCC guidelines while accessing any controlled exposure area, including the tower, by either reducing power or ceasing operations.