

Proposed Minor Change Application

The proposed minor change application for K205BM specifies a new community of license and site as is indicated below:

	Licensed	Proposed Minor Change
Community of License	San Raphael, etc., CA	Oakland, CA
Channel / Class	205 D	205 D
Geographical Coordinates	37 45 19 / 122 27 06	37 52 55 / 122 13 56
ASRN	1001289	N/A
Site AMSL	254.2	531 m
Tower AGL	297.7	51 m
COR AGL	52 m	40 m
COR AMSL	306 m	571 m
HAAT	277 m	445 m
ERP	0.050 kW (V, DA)	0.250 kW (V, DA)

The below listed pages of this exhibit contains information as indicated.

Page 2 Tabulation of HAAT / ERP / distance to 60 dBu contour
Page 3 Licensed & Proposed 60 dBu contour map
Page 4 - 6 Allocation study

Tabulation of HAAT / ERP / distance to 60 dBu contour

CH 205 37 52 55 / 122 13 56 0.250 kW ERP DA 571 m COR AMSL 445 m HAAT

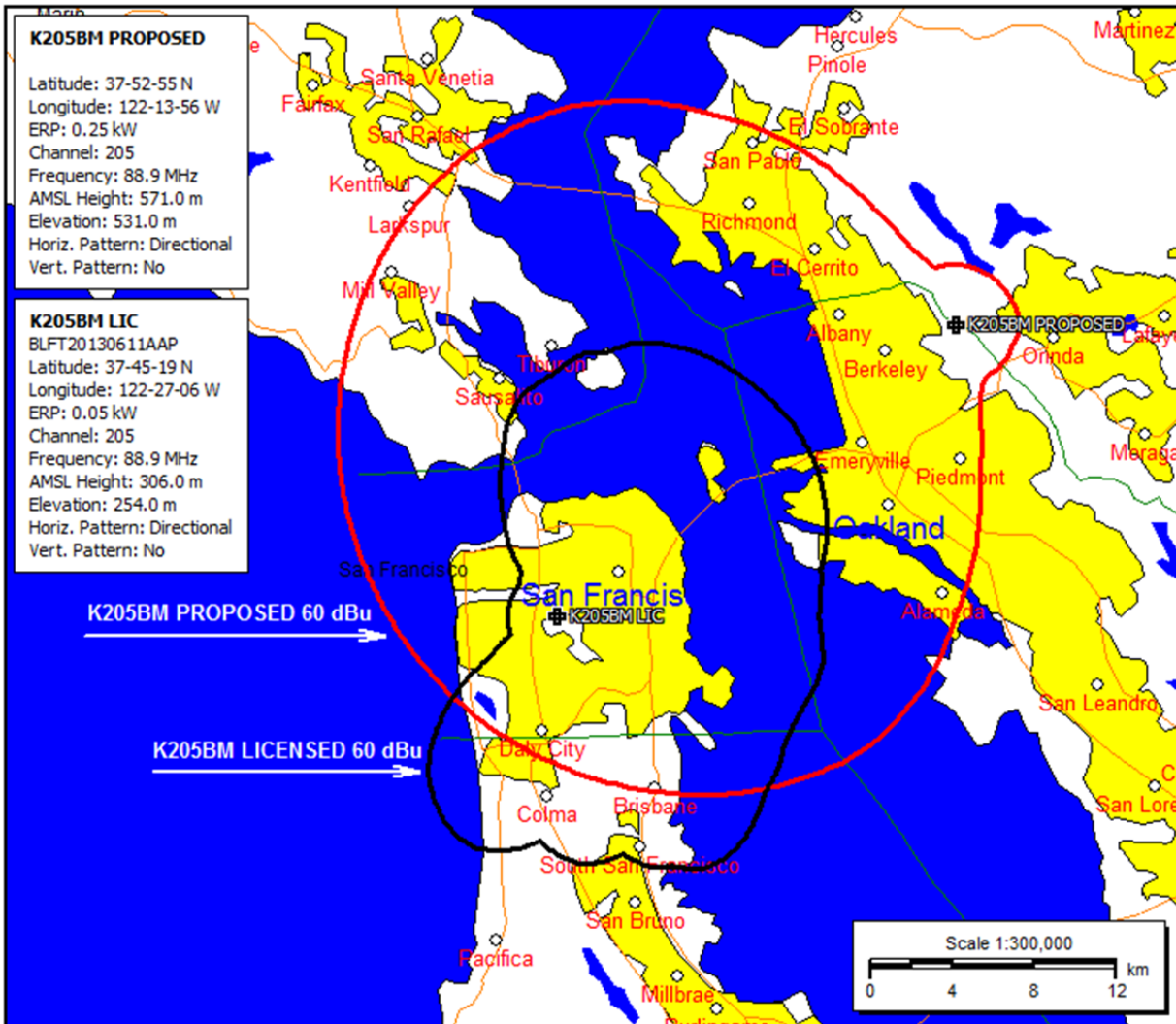
Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	137.9	433.1	0.0002	-36.48	0.030	3.01
010	177.5	393.5	0.0002	-36.48	0.030	2.97
020	188.6	382.4	0.0002	-36.48	0.030	2.96
030	202.4	368.6	0.0002	-36.48	0.030	2.94
040	186.1	384.9	0.0002	-36.48	0.030	2.96
050	210.3	360.7	0.0002	-36.48	0.030	2.92
060	213.2	357.8	0.0002	-36.48	0.030	2.92
070	168.2	402.8	0.0002	-36.48	0.030	2.99
080	142.2	428.8	0.0002	-36.48	0.030	3.01
090	149.7	421.3	0.0002	-36.48	0.030	3.00
100	203.4	367.6	0.0002	-36.48	0.030	2.93
110	258.7	312.3	0.0002	-36.48	0.030	2.83
120	249.0	322.0	0.0002	-36.48	0.030	2.85
130	267.9	303.1	0.0002	-36.48	0.030	2.82
140	278.9	292.1	0.0002	-36.48	0.030	2.80
150	271.2	299.8	0.0002	-36.48	0.030	2.81
160	130.2	440.8	0.0003	-35.39	0.034	3.39
170	87.8	483.2	0.0015	-28.18	0.078	6.63
180	50.8	520.2	0.0132	-18.79	0.230	13.81
190	25.6	545.4	0.0443	-13.53	0.421	19.99
200	19.7	551.3	0.0821	-10.86	0.573	23.49
210	18.4	552.6	0.1278	-8.93	0.715	26.17
220	15.2	555.8	0.1751	-7.57	0.837	28.31
230	11.8	559.2	0.2158	-6.66	0.929	29.89
240	10.2	560.8	0.2421	-6.16	0.984	30.81
250	9.8	561.2	0.2480	-6.06	0.996	31.02
260	9.8	561.2	0.2338	-6.31	0.967	30.56
270	11.9	559.1	0.2007	-6.97	0.896	29.36
280	15.2	555.8	0.1568	-8.05	0.792	27.57
290	25.4	545.6	0.1092	-9.62	0.661	25.02
300	51.0	520.0	0.0658	-11.82	0.513	21.49
310	105.7	465.3	0.0306	-15.14	0.350	16.50
320	137.9	433.1	0.0066	-21.83	0.162	10.66
330	142.5	428.5	0.0005	-32.77	0.046	4.36
340	109.9	461.1	0.0002	-36.48	0.030	3.03
350	108.7	462.3	0.0002	-36.48	0.030	3.03

FCC NGDC 30 SEC

(yellow highlighted values establish average HAAT)

Licensed & Proposed 60 dBu contour

The proposed 60 dBu contour will continue to have overlap with the licensed 60 dBu contour.



Allocation Study

CH 205 37 52 55 / 122 13 56 0.250 kW ERP DA 571 m COR AMSL 445 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 in km)	*OUT*
------------	------	---------------	-------------	----------------	--------------	--------------------	-------------------	---------------------	-------------------------	-------

Reference station:

205D	K205BM	LIC	233.9	23.89	37 45 19.0	0.050	48.5	14.6	-54.9	-79.3
San Rafael, Etc.	CA		53.8	BLFT20130611AAP	122 27 06.0	277	306	Educational Media Foundation		

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

203B	KQED-FM	LIC	220.2	27.93	37 41 23.0	110.000	12.0	81.8	-12.4	-54.8
San Francisco	CA		40.0	BLED19971124KD	122 26 13.0	387	432	Kqed Inc.		
203D	KQED-FM2	LIC	89.9	27.63	37 52 54.4	0.055	0.4	25.7	24.2	2.0
Walnut Creek	CA		270.1	BLFTB20080610ACD	121 55 05.0		1132	Kqed Inc.		
205B	KUSP	LIC	159.9	159.06	36 32 05.0	1.250	132.7	56.9	23.0	85.9
Santa Cruz	CA		340.3	BLED19930524KB	121 37 14.0	761	1084	Pataphysical Broadcasting		
205B	KXPR	APP	52.6	116.34	38 30 42.0	50.000	138.6	53.0	-25.2	49.8
Sacramento	CA		233.3	BPED20150807AAA	121 10 14.0	123	183	California State University		
205B	KXPR	CP	52.6	116.34	38 30 42.0	50.000	138.6	53.0	-25.2	49.8
Sacramento	CA		233.3	BMPED20141007ABG	121 10 14.0	123	183	California State University		
205D	K205BN	LIC	160.4	85.05	37 09 35.0	0.010	55.9	14.8	25.7	53.6
Los Gatos	CA		340.6	BLFT20130110AGU	121 54 38.0	709	1051	Educational Media Foundation		
205B	KXPR	LIC	55.5	77.35	38 16 25.0	50.000	137.9	52.4	-63.5	11.4
Sacramento	CA		235.9	BLED19950926KB	121 30 11.0	150	152	California State University		
206A	KCEA	LIC	184.9	43.41	37 29 32.0	0.100	18.3	12.3	7.9	5.2
Atherton	CA		4.9	BLED20010417AAI	122 16 28.0	39	155	Sequoia Union High School		
206B	KBBF	LIC	338.9	92.25	38 39 23.0	0.420	69.4	46.7	19.8	40.1
Calistoga	CA		158.7	BLED20090224ABY	122 36 54.0	844	1241	Bilingual Broadcasting Fou		
207A	KPFB	LIC	252.7	3.63	37 52 20.0	0.460	0.6	5.2	-27.9	-2.7
Berkeley	CA		72.6	BLED19910909KB	122 16 18.0	-30	72	Pacifica Foundation, Inc.		
208A	KSMC	LIC	113.3	11.70	37 50 25.0	0.800	0.4	4.0	8.5	7.7
Moraga	CA		293.4	BLED19840702CA	122 06 36.0	24	205	Associated Students Of St.		
208A	KPOO	LIC	238.2	18.86	37 47 33.0	0.270	0.2	6.9	-12.0	10.9
San Francisco	CA		58.1	BLED19800304AC	122 24 52.0	165	188	Poor People's Radio, Inc.		

I.F. relationships:

259B	KMVQ-FM	LIC	219.5	27.98	37 41 15.0	40.000	0.6	5.2	14.5R	13.5M
San Francisco	CA		39.4	BLH19920427KB	122 26 04.0	396	452	Cbs Radio Kmvq-fm Inc.		
259D	KMVQ-FM3	LIC	90.0	27.63	37 52 54.0	0.185	0.6	5.2	11.5R	16.1M
Walnut Creek	CA		270.2	BLFTB19951115TA	121 55 05.0	927	1155	Cbs Radio Kmvq-fm Inc.		

Terrain database is FCC NGDC 30 Sec

Allocation Study

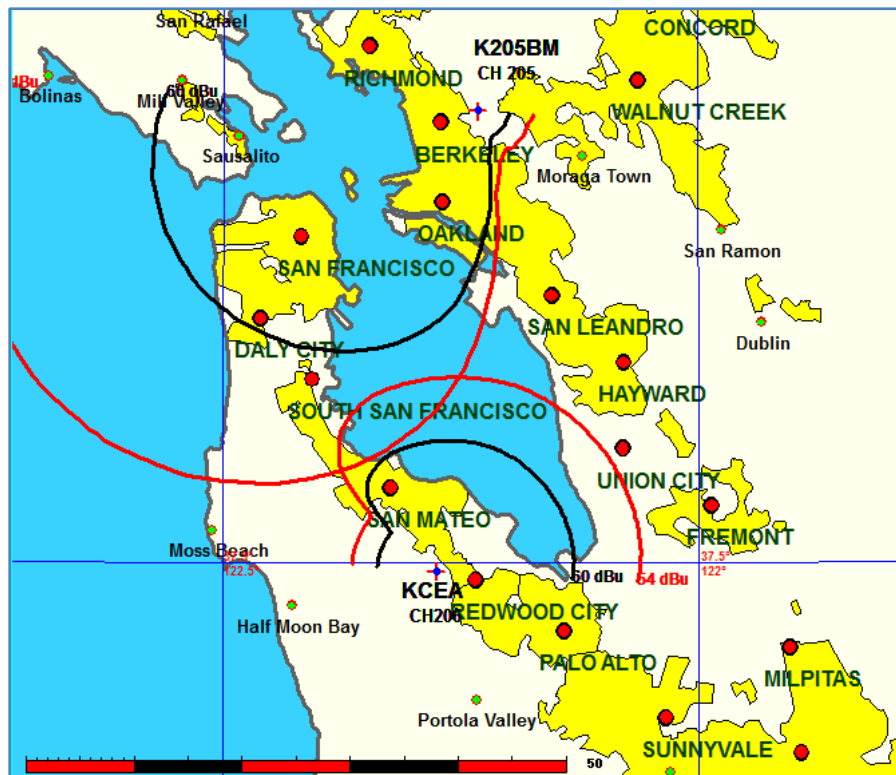
KCEA BLED20010417AAI
CH 206 A
0.100 kW ERP
155 M COR AMSL
37 29 32 / 122 16 28

K205BM
CH 205 D
0.250 kW DA ERP
571 M COR AMSL
37 52 55 / 122 13 56

Protected 60 dBu

Interfering 54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
330.0	0.1000	0123.0	011.4	195.7	0.0646	0548.8	034.7	53.43
331.0	0.1000	0124.6	011.4	195.5	0.0640	0548.7	034.5	53.47
332.0	0.1000	0126.1	011.5	195.4	0.0634	0548.6	034.4	53.51
333.0	0.1000	0127.5	011.6	195.2	0.0627	0548.5	034.2	53.55
334.0	0.1000	0128.9	011.6	195.0	0.0620	0548.3	034.0	53.58
335.0	0.1000	0130.2	011.7	194.8	0.0612	0548.2	033.8	53.60
336.0	0.1000	0131.4	011.7	194.6	0.0604	0548.0	033.6	53.61
337.0	0.1000	0132.6	011.8	194.4	0.0595	0547.9	033.5	53.62
338.0	0.1000	0133.7	011.8	194.1	0.0586	0547.7	033.3	53.63
339.0	0.1000	0134.6	011.9	193.9	0.0577	0547.5	033.2	53.62
340.0	0.1000	0135.3	011.9	193.6	0.0567	0547.3	033.0	53.61
341.0	0.1000	0135.8	011.9	193.3	0.0557	0547.0	032.9	53.59
342.0	0.1000	0136.1	011.9	193.0	0.0547	0546.7	032.8	53.56
343.0	0.1000	0136.6	012.0	192.7	0.0536	0546.5	032.6	53.52
344.0	0.1000	0137.1	012.0	192.4	0.0526	0546.2	032.5	53.49
345.0	0.1000	0137.5	012.0	192.1	0.0515	0545.9	032.4	53.45



Allocation Study

K205BM will be located within the 60 dBu contour of the following second adjacent stations:

KQED-FM (LIC), CH 203 B, San Francisco, CA

KQED-FM signal strength at the K205BM site	85.3 dBu
K205BM corresponding interference contour	125.3 dBu
Distance to K205BM interference contour	60.1 meters

KPFB (LIC), CH 207 A, Berkeley, CA

KPFB signal strength at the K205BM site	66.1 dBu
K205BM corresponding interference contour	106.1 dBu
Distance to K205BM interference contour	551.7 meters

The worst case interference is to KPFB. As is indicated on the below map, there are no populated structures within the translator interference contour distance of 551.7 meters (rounded to 552 meters) from the tower, therefore, a waiver of Section 74.1204(d) is respectfully requested based on the showing of no population within the area of predicted interference.

