

Minor Change Application

This minor change application specifies a change to channel 214 and a move to a tower at the same site as is indicated below:

	Licensed	Minor Change
Channel / Class	213 D	214 D
Geographical Coordinates	32 49 18 / 111 42 42	32 49 17 / 111 42 42
ASRN	N/A	N/A
Site AMSL	670 m	666 m
Tower AGL	5 m	51 m
COR AGL	5 m	46 m
COR AMSL	675 m	712 m
HAAT	229 m	266 m
ERP	0.001 kW (H&V, non-DA)	0.028 kW (H&V, non-DA)

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

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Tabulation of HAAT / ERP / distance to 60 dBu contour

CH 214 32 49 17 / 111 42 42 0.028 kW ERP non-DA 712 m COR AMSL 266 m HAAT

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	438.2	273.8	0.0280	-15.53	1.000	12.46
010	440.7	271.3	0.0280	-15.53	1.000	12.40
020	448.4	263.6	0.0280	-15.53	1.000	12.23
030	443.4	268.6	0.0280	-15.53	1.000	12.34
040	441.7	270.3	0.0280	-15.53	1.000	12.38
050	442.3	269.7	0.0280	-15.53	1.000	12.37
060	445.6	266.4	0.0280	-15.53	1.000	12.29
070	450.1	261.9	0.0280	-15.53	1.000	12.19
080	452.9	259.1	0.0280	-15.53	1.000	12.12
090	459.0	253.0	0.0280	-15.53	1.000	11.98
100	461.1	250.9	0.0280	-15.53	1.000	11.93
110	461.8	250.2	0.0280	-15.53	1.000	11.91
120	461.1	250.9	0.0280	-15.53	1.000	11.93
130	459.3	252.7	0.0280	-15.53	1.000	11.97
140	460.0	252.0	0.0280	-15.53	1.000	11.96
150	460.9	251.1	0.0280	-15.53	1.000	11.93
160	464.5	247.5	0.0280	-15.53	1.000	11.85
170	467.1	244.9	0.0280	-15.53	1.000	11.79
180	465.6	246.4	0.0280	-15.53	1.000	11.83
190	460.5	251.5	0.0280	-15.53	1.000	11.94
200	459.1	252.9	0.0280	-15.53	1.000	11.98
210	460.5	251.5	0.0280	-15.53	1.000	11.94
220	456.7	255.3	0.0280	-15.53	1.000	12.03
230	451.1	260.9	0.0280	-15.53	1.000	12.16
240	447.8	264.2	0.0280	-15.53	1.000	12.24
250	439.1	272.9	0.0280	-15.53	1.000	12.44
260	430.4	281.6	0.0280	-15.53	1.000	12.64
270	423.6	288.4	0.0280	-15.53	1.000	12.80
280	420.4	291.6	0.0280	-15.53	1.000	12.87
290	418.7	293.3	0.0280	-15.53	1.000	12.90
300	421.7	290.3	0.0280	-15.53	1.000	12.84
310	423.4	288.6	0.0280	-15.53	1.000	12.80
320	427.5	284.5	0.0280	-15.53	1.000	12.71
330	429.0	283.0	0.0280	-15.53	1.000	12.68
340	431.2	280.8	0.0280	-15.53	1.000	12.62
350	435.6	276.4	0.0280	-15.53	1.000	12.52

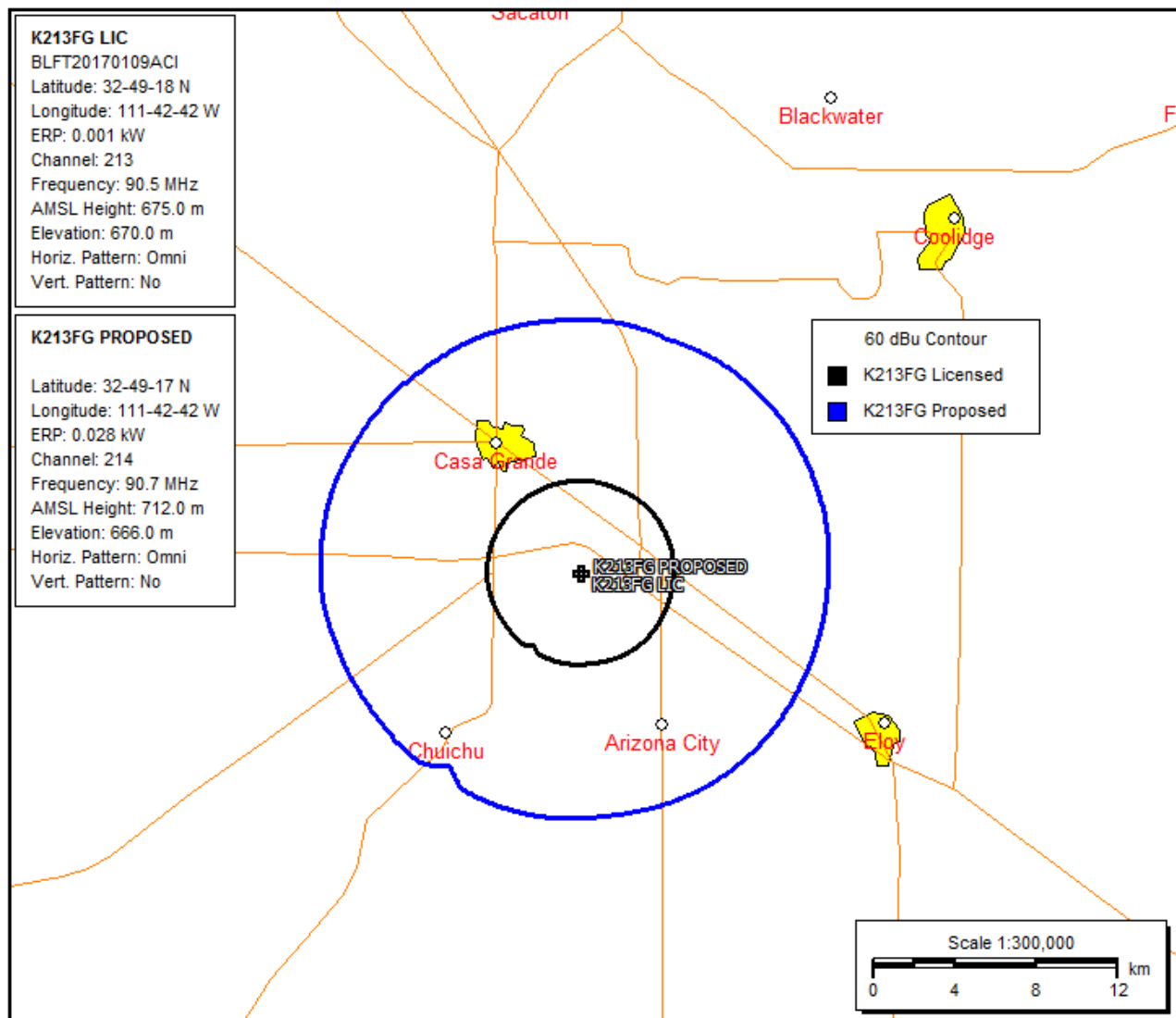
FCC 30 second terrain database

(yellow highlighted values establish average HAAT)

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60 dBu contour

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



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Allocation Study

CH 214 32 49 17 / 111 42 42 0.028 kW ERP non-DA 712 m COR AMSL 266 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:										
213D Casa Grande	K213FG	LIC AZ	0.0 180.0	0.03 BLFT20170109ACI	32 49 18.0 111 42 42.0	0.001 675	6.6 675	4.4 Educational Media Foundation		
1st, 2nd, & 3rd adjacent channel relationships:										
212C Phoenix	KFLR-FM	LIC AZ	330.3 150.1	65.58 BLED20070912ABQ	33 20 02.0 112 03 44.0	100.000 483	4.8 852	57.2 Family Life Broadcasting,	48.1	8.0
213C Tucson	KUAT-FM	LIC AZ	115.5 296.1	103.86 BLED20111205AJW	32 24 55.1 110 42 51.9	12.000 1113	107.1 2661	72.9 Arizona Board Of Regents	-15.2	13.5
214D Phoenix	K205CI	CP AZ	337.8 157.6	92.98 BPFT20160303ACG	33 35 47.0 112 05 31.5	0.010 630	31.6 630	9.5 Family Stations, Inc.	48.8	41.3
214A San Lucy	KOHH	LIC AZ	279.9 99.3	95.56 BLED20141030ABA	32 57 52.0 112 43 08.0	6.000 -13	68.3 244	15.8 Tohono O'odham Nation	14.4	37.0
214A Apache Junction	KVIT	LIC AZ	16.1 196.3	73.48 BLED20110211ABB	33 27 27.0 111 29 28.0	2.000 18	77.1 649	25.8 East Valley Institute Of T	-15.9	6.6
215C Safford	VA9006	VAC AZ	89.1 270.1	186.88	32 50 00.0 109 42 57.0	100.000 600	140.4 1595	94.8	34.5	74.5
215A Kearney	DKKRY	LIC AZ	65.6 246.0	67.40 BLED20090528ACG	33 04 10.0 111 03 13.0	0.045 269	23.3 1070	15.6 St. Paul Cultural Broadcast	31.9	33.8
215C Prescott	KLVH	LIC AZ	349.9 169.6	210.36 BLED19941212KD	34 41 15.0 112 07 02.0	58.000 772	128.0 2360	86.5 Educational Media Foundation	69.9	105.3
Accepted by Mexico as C 920130-Accepted by Mexico 920130										
216C2 Eloy	KVNG	LIC AZ	111.3 291.5	31.34 BLED20131118AOS	32 43 07.0 111 24 00.0	0.740 827	1.9 1386	50.8 Calvary Chapel Of Casa Grand	17.6	-19.8

I.F. relationships:

None

International (Mexico) Compliance:

K213FG is located 132.2 km from the Mexican border and is in full compliance with the requirements of Section 74.1235(d) of the Commission's rules.

214C Caborca	AL8342	VAC SO	190.1 9.8	248.86	30 37 00.0 112 10 00.0	100.000 600	196.9 886	92.0	40.1	117.1
215B San Francisquito	AL8651		203.0 22.7	148.39	31 35 30.0 112 19 30.0	50.000 150	81.2 740	65.0	55.2	58.1

FCC 30 SECOND TERRAIN DATABASE

Contour distances are on direct line to and from reference station.

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Allocation Study

K213FG as proposed on CH 214 will be located within the 60 dBu contour of the following second adjacent facility:

KVNG (LIC), CH 216C2, Eloy, AZ

KVNG signal strength at the K213FG site	68.9 dBu
K213FG interference contour	108.9 dBu
Distance to K213FG interference contour	132 meters

There are no structures other than unoccupied equipment shelters at the site within the 132 meter distance to K213FG's 108.9 dBu interference contour (reference below map). Therefore, based on the showing of no population within the area of predicted interference a waiver of Section 74.1204(d) is respectfully requested.

