

Minor modification of licensed facility BLFT-20180316ABN

Technical Certifications Exhibit

This minor modification of licensed facility complies with all engineering standards and assignment requirements specified in the applicable FCC rules and regulations. This application specifies a move to a new site as indicated below:

	Licensed	Minor Mod
Channel / Class	201D	201D
Geographical Coordinates (NAD 83)	31 48 57.4 106 29 20.0	31 47 48.4 106 28 57.0
ASRN	1216164	1041244
Site elevation	1743.0 m	1591.1 m
Tower AGL	131.0 m	72.3 m
Antenna RC AGL	27.0 m	24.4 m
Antenna RC AMSL	1770.0 m	1615.5 m
HAAT	523.0 m	379.8 m
ERP	0.006 kW (H&V, DA)	0.090 kW (V, DA)

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Tabulation of HAAT / ERP / distance to 60 dBu contour

CH 201 31 47 48.4 / 106 28 57.0 0.090 kW ERP (V, DA) 1615.5 m COR AMSL 379.8 m HAAT

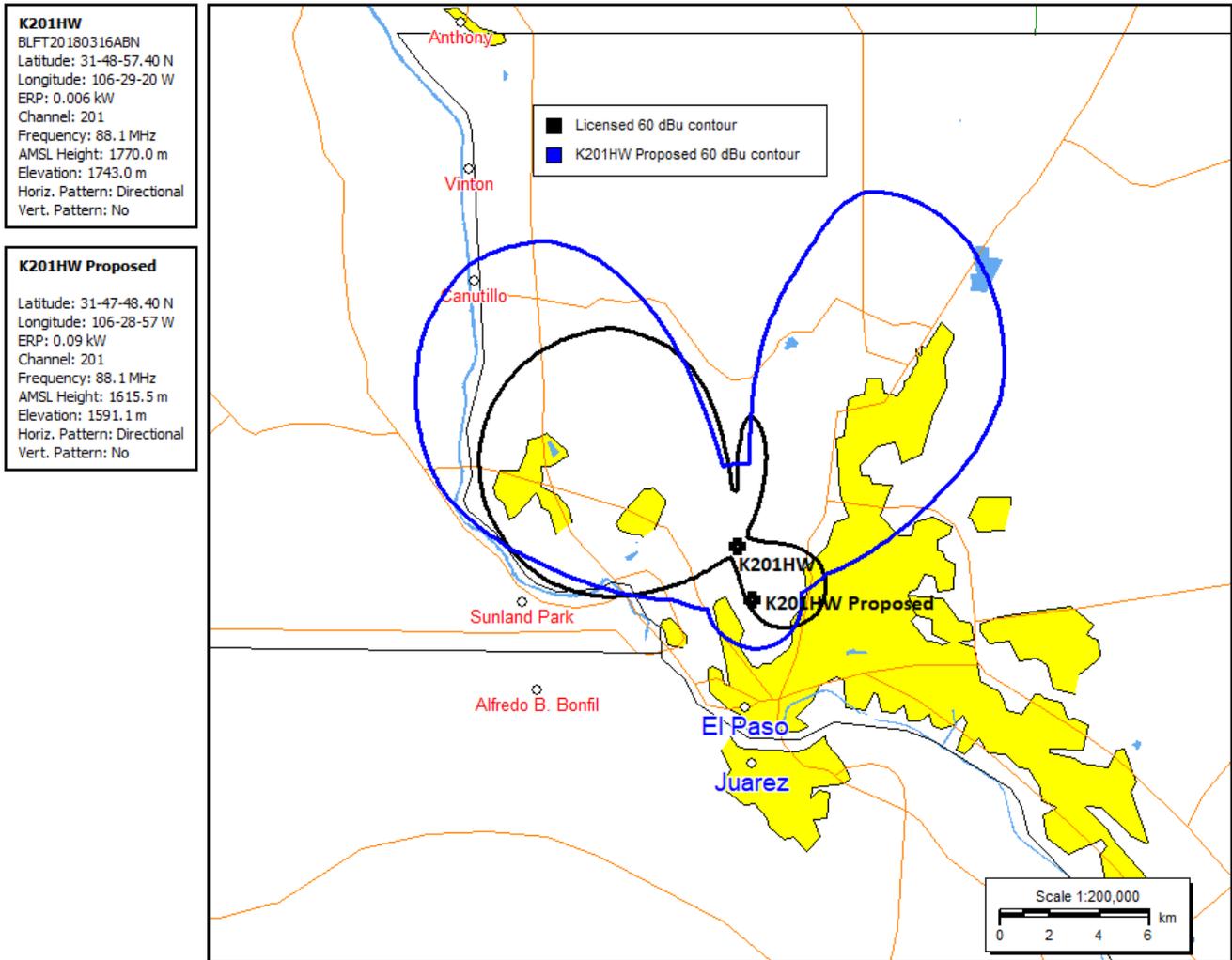
Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5	34-F1
000	1542.7	72.8	0.0864	-10.63	0.980	8.47	41.22
010	1377.5	238.0	0.0755	-11.22	0.916	14.77	64.30
020	1264.6	350.9	0.0601	-12.21	0.817	17.10	72.40
030	1217.0	398.5	0.0428	-13.68	0.690	16.67	72.43
040	1199.1	416.4	0.0266	-15.75	0.544	15.06	67.83
050	1194.5	421.0	0.0137	-18.64	0.390	12.82	59.92
060	1193.7	421.8	0.0032	-24.88	0.190	8.45	43.65
070	1192.6	422.9	0.0002	-36.48	0.050	3.01	22.05
080	1192.8	422.7	0.0001	-40.92	0.030	1.88	16.44
090	1191.6	423.9	0.0001	-40.92	0.030	1.88	16.47
100	1186.4	429.1	0.0001	-40.92	0.030	1.89	16.62
110	1152.3	463.2	0.0001	-40.92	0.030	1.90	17.43
120	1121.3	494.2	0.0001	-40.92	0.030	1.91	18.00
130	1120.4	495.1	0.0001	-40.92	0.030	1.91	18.02
140	1120.6	494.9	0.0001	-40.92	0.030	1.91	18.02
150	1122.2	493.3	0.0001	-40.92	0.030	1.91	17.99
160	1136.1	479.4	0.0001	-40.92	0.030	1.90	17.74
170	1148.9	466.6	0.0001	-40.92	0.030	1.90	17.49
180	1181.0	434.5	0.0001	-40.92	0.030	1.89	16.76
190	1246.0	369.5	0.0001	-40.92	0.030	1.86	14.95
200	1299.2	316.3	0.0001	-40.92	0.030	1.83	13.84
210	1332.8	282.7	0.0001	-40.92	0.030	1.82	13.10
220	1286.6	328.9	0.0001	-40.92	0.030	1.84	14.12
230	1261.6	353.9	0.0001	-40.92	0.030	1.86	14.64
240	1229.0	386.5	0.0001	-40.92	0.030	1.87	15.39
250	1226.7	388.8	0.0001	-40.92	0.030	1.87	15.46
260	1216.2	399.3	0.0001	-40.92	0.030	1.88	15.77
270	1193.2	422.3	0.0002	-36.48	0.050	3.01	22.03
280	1176.3	439.2	0.0032	-24.88	0.190	8.58	44.67
290	1162.5	453.0	0.0137	-18.64	0.390	13.22	62.20
300	1177.3	438.2	0.0266	-15.75	0.544	15.44	69.59
310	1205.0	410.5	0.0428	-13.68	0.690	16.92	73.45
320	1251.5	364.0	0.0601	-12.21	0.817	17.41	73.64
330	1326.3	289.2	0.0755	-11.22	0.916	16.41	69.30
340	1458.2	157.3	0.0864	-10.63	0.980	12.45	56.43
350	1676.5	-61.0	0.0900	-10.46	1.000	5.49	26.08

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(yellow highlighted values establish average HAAT)

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Licensed and proposed 60 dBu contour coverage map

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

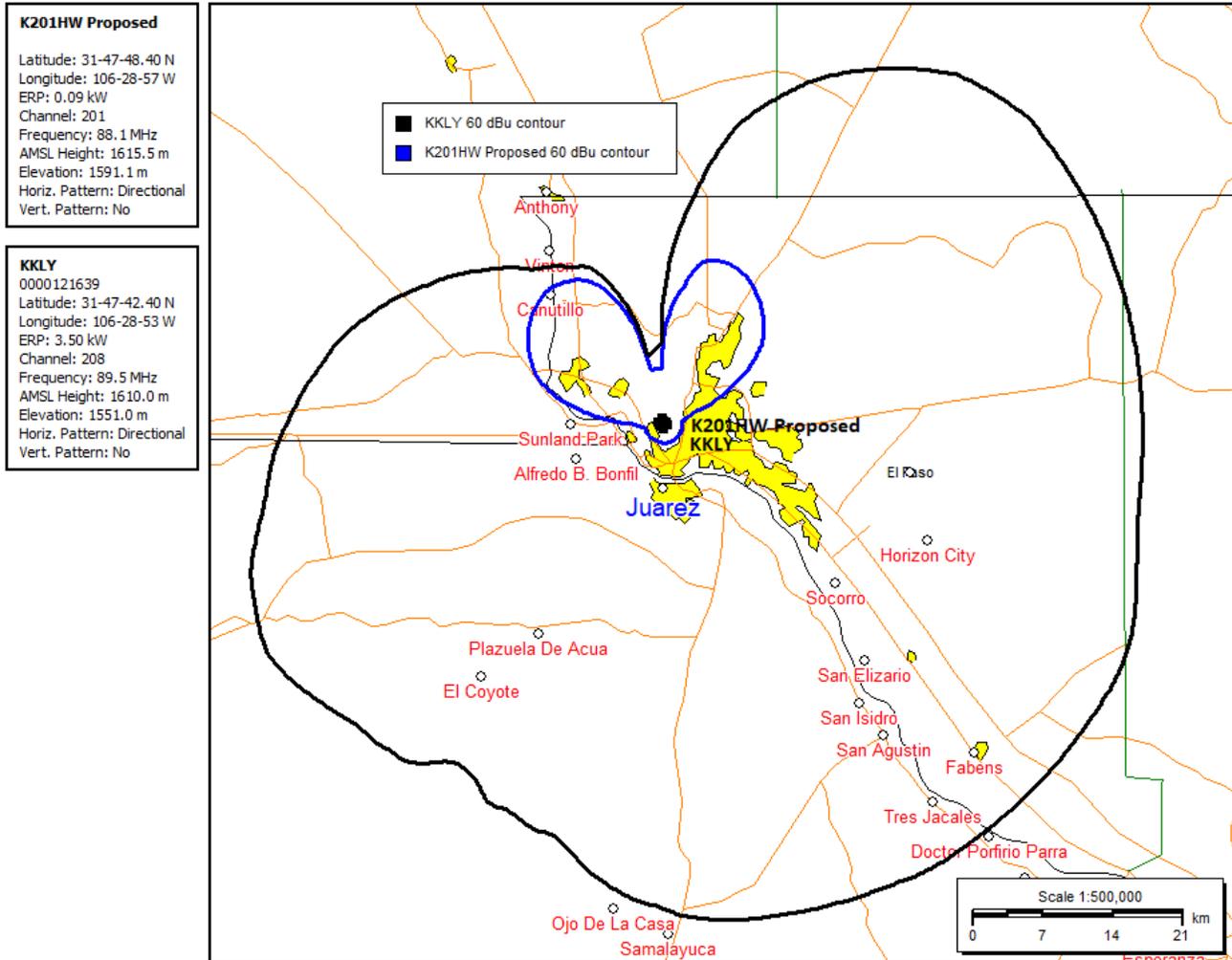


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Fill-in Translator

K201HW proposes to operate as a fill-in of KKKLY, El Paso, TX (Facility ID 19786). The below map demonstrates that the proposed 60 dBu contour of K201HW will be completely encompassed within the 60 dBu contour of KKKLY and thus meets the required criteria for fill-in status.



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Interference Study

CH 201 31 47 48.4 / 106 28 57.0 0.090 kW ERP (V, DA) 1615.5 m COR AMSL 379.8 m HAAT

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

Reference station:

201D	K201HW	LIC	344.2	2.20	31 48 57.40	0.006				
El Paso		TX	164.2	BLFT20180316ABN	106 29 20.00		1770	One Ministries, Inc		

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

201C2	KNMA	LIC	25.8	127.55	32 49 47.30	3.340	149.9	67.5	-39.4	3.8
Tularosa		NM	206.1	BMLE20190212AAK	105 53 11.90	487	2388	CSN International		
201D	K201CC	LIC	332.6	58.04	32 15 38.30	0.250	16.0	5.0	25.2	0.7
Las Cruces		NM	152.4	BLFT20081103ADN	106 46 02.00		1233	Calvary Albuquerque, Inc.		
201C2	766981	CP	126.3	115.96	31 10 30.40	0.810	111.9	43.6	1.0	60.3
Sierra Blanca		TX	306.9	0000166360	105 30 03.70	531	1869	Radio Bilingue, Inc.		
201C2	KQTO	LIC	306.1	203.44	32 51 43.20	2.000	124.0	50.4	62.4	97.7
Hurley		NM	125.2	BLED20121102AAB	108 14 30.10	463	2498	Radio Bilingue, Inc.		
203C1	KTEP	LIC	166.0	0.98	31 47 17.30	100.000	3.2	31.0	-4.1	-30.0
El Paso		TX	346.0	BLED19800430AE	106 28 47.90	223	1458	University Of Texas At El		

I.F.:

None

Protection of CH 6 TV

Per Section 74.1205(a), NCE-FM translator stations operating on channel 201 must provide protection to TV Channel 6 broadcast stations located within a distance of 148 km. K201HW as proposed is fully spaced to all TV Channel 6 broadcast stations within 148 km, therefore it is in full compliance with all provisions of Section 74.1205 with regard to Channel 6 TV protection.

06 --	K06QI-D	LI	22.6	134.73	32 01 58.41	0.150	25.5	10.8	36.3R	98.5M
Alamogordo		NM	202.9	0000178269	102 34 22.55		1406			

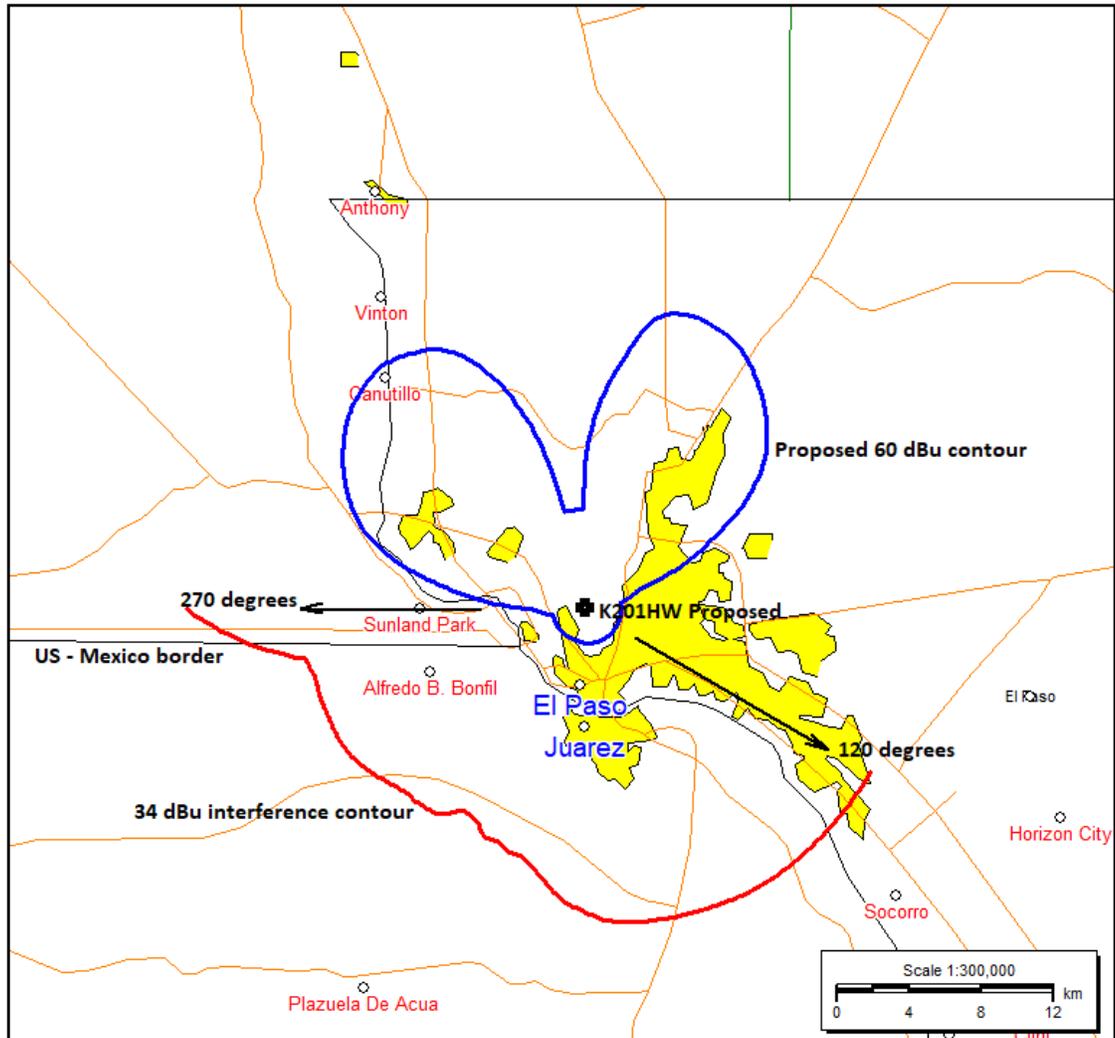
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International Compliance - Mexico

K201HW as proposed is located 3.9 km from the US – Mexico border. The direction of the border is from 120 degrees to 270 degrees from the proposed site as is demonstrated on the below map. Within 120 - 270 degrees, K201HW’s proposed 60 dBu contour will not reach the border or have an ERP of greater than 50 watts, a 60 dBu distance greater than 8.7 km, or a 34 dBu interference contour exceeding 32 km. The contour distance tabulation is on page 2 of this exhibit.

K201HW Proposed
Latitude: 31-47-48.40 N
Longitude: 106-28-57 W
ERP: 0.09 kW
Channel: 201
Frequency: 88.1 MHz
AMSL Height: 1615.5 m
Elevation: 1591.1 m
Horiz. Pattern: Directional
Vert. Pattern: No



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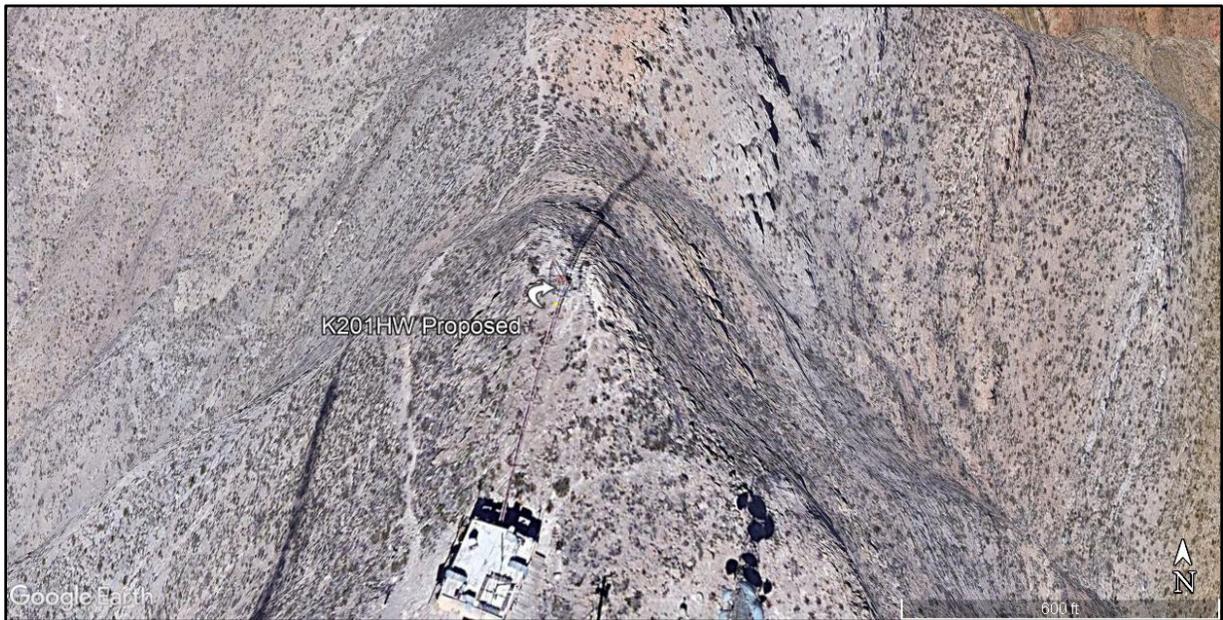
Interference Study

K201HW as proposed will be located within the protected contour of the following second adjacent facility:

KTEP, CH 203C1, El Paso, TX

KTEP signal strength at the K201HW site	127.0 dBu
K201HW interference contour	167.0 dBu
Distance to K201HW interference contour	0.3 meters

K201HW's antenna RC AGL height is 24.4 meters. The interference contour distance of 0.3 meters will not reach the ground or any occupied buildings, therefore, based on the showing of no population within the area of predicted interference a waiver of Section 74.1204(d) is respectfully requested.



Environmental Impact & RFR Compliance Statement

K201HW will be located at an established communications site that is in compliance with all environmental impact requirements.

K201HW specifies operation with 0.09 kW (V, DA) at an antenna RC AGL height of 24.4 meters. For a worse case estimation 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 K201HW 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.