

## Minor modification of licensed facility BLFT-20180316ABL

## 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	269D	269D
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	21.0 m	18.3 m
Antenna RC AMSL	1764.0 m	1609.4 m
HAAT	517.0 m	373.7 m
ERP	0.010 kW (H&V, DA)	0.048 kW (V, DA)

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## Tabulation of HAAT / ERP / distance to 60 dBu contour

CH 269 31 47 48.4 / 106 28 57.0 0.048 kW ERP (V, DA) 1609.4 m COR AMSL 373.7 m HAAT

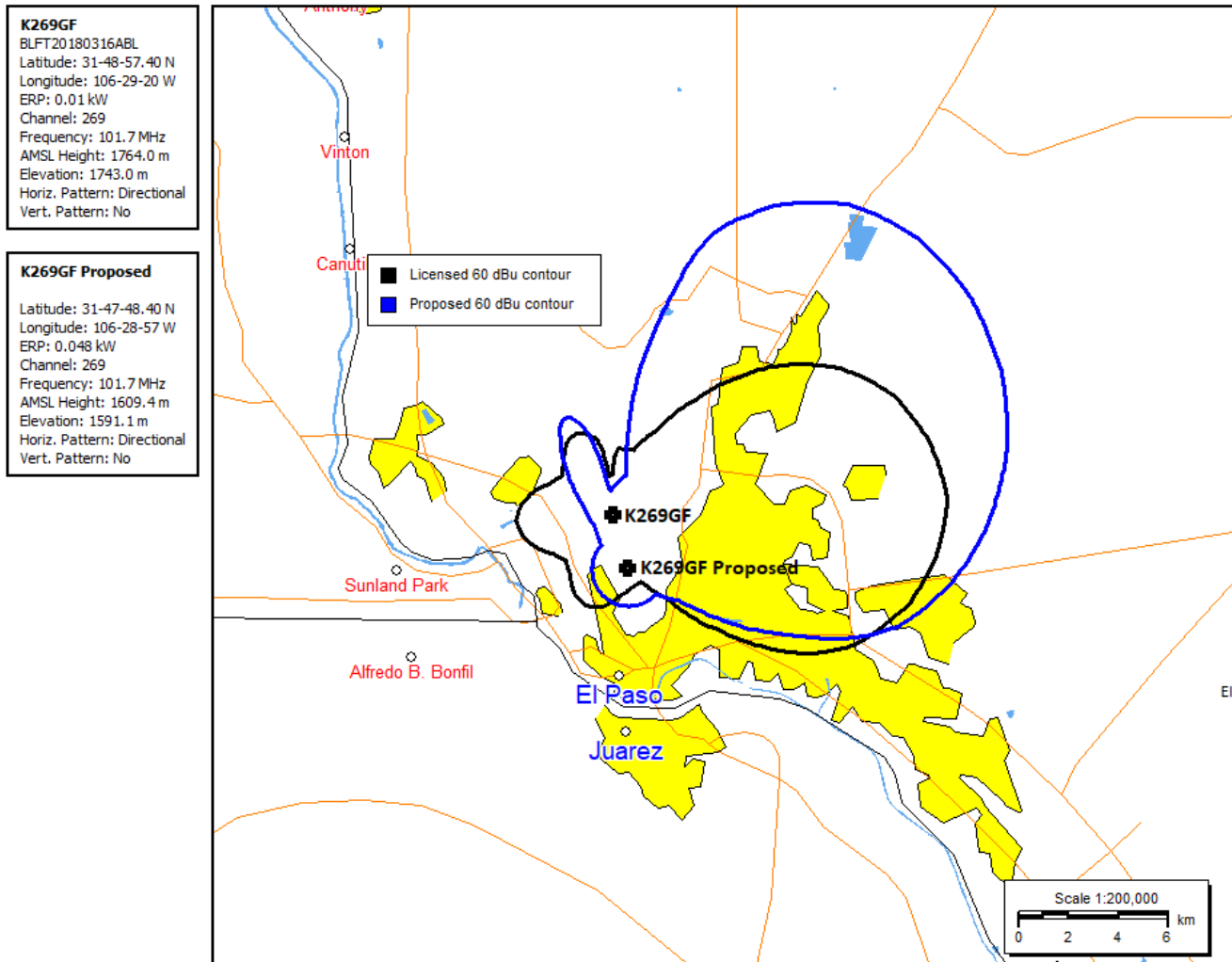
Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5	34-F1
000	1542.7	66.7	0.0210	-16.78	0.661	5.70	26.68
010	1377.5	231.9	0.0301	-15.21	0.792	11.69	53.29
020	1264.6	344.8	0.0385	-14.14	0.896	15.11	66.44
030	1217.0	392.4	0.0449	-13.48	0.967	16.75	72.50
040	1199.1	410.3	0.0476	-13.22	0.996	17.38	74.80
050	1194.5	414.9	0.0465	-13.33	0.984	17.37	74.89
060	1193.7	415.7	0.0414	-13.83	0.929	16.88	73.46
070	1192.6	416.8	0.0336	-14.73	0.837	16.00	70.86
080	1192.8	416.6	0.0245	-16.10	0.715	14.76	66.80
090	1191.6	417.8	0.0158	-18.02	0.573	13.23	61.38
100	1186.4	423.0	0.0085	-20.70	0.421	11.34	54.54
110	1152.3	457.1	0.0025	-25.95	0.230	7.94	43.05
120	1121.3	488.1	0.0003	-35.35	0.078	3.43	25.35
130	1120.4	489.0	0.0001	-42.56	0.034	1.54	15.88
140	1120.6	488.8	0.0000	-43.65	0.030	1.46	14.47
150	1122.2	487.2	0.0000	-43.65	0.030	1.46	14.45
160	1136.1	473.3	0.0000	-43.65	0.030	1.46	14.28
170	1148.9	460.5	0.0000	-43.65	0.030	1.46	14.12
180	1181.0	428.4	0.0000	-43.65	0.030	1.46	13.68
190	1246.0	363.4	0.0000	-43.65	0.030	1.46	12.73
200	1299.2	310.2	0.0000	-43.65	0.030	1.46	11.78
210	1332.8	276.6	0.0000	-43.65	0.030	1.46	11.15
220	1286.6	322.8	0.0000	-43.65	0.030	1.46	12.01
230	1261.6	347.8	0.0000	-43.65	0.030	1.46	12.46
240	1229.0	380.4	0.0000	-43.65	0.030	1.46	12.98
250	1226.7	382.7	0.0000	-43.65	0.030	1.46	13.02
260	1216.2	393.2	0.0000	-43.65	0.030	1.46	13.17
270	1193.2	416.2	0.0000	-43.65	0.030	1.46	13.50
280	1176.3	433.1	0.0000	-43.65	0.030	1.46	13.75
290	1162.5	446.9	0.0000	-43.65	0.030	1.46	13.94
300	1177.3	432.1	0.0000	-43.65	0.030	1.46	13.73
310	1205.0	404.4	0.0000	-43.65	0.030	1.46	13.33
320	1251.5	357.9	0.0001	-39.93	0.046	2.07	15.74
330	1326.3	283.1	0.0013	-29.00	0.162	5.29	27.45
340	1458.2	151.2	0.0059	-22.31	0.350	6.24	29.54
350	1676.5	-67.1	0.0126	-18.99	0.513	3.34	15.04

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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.

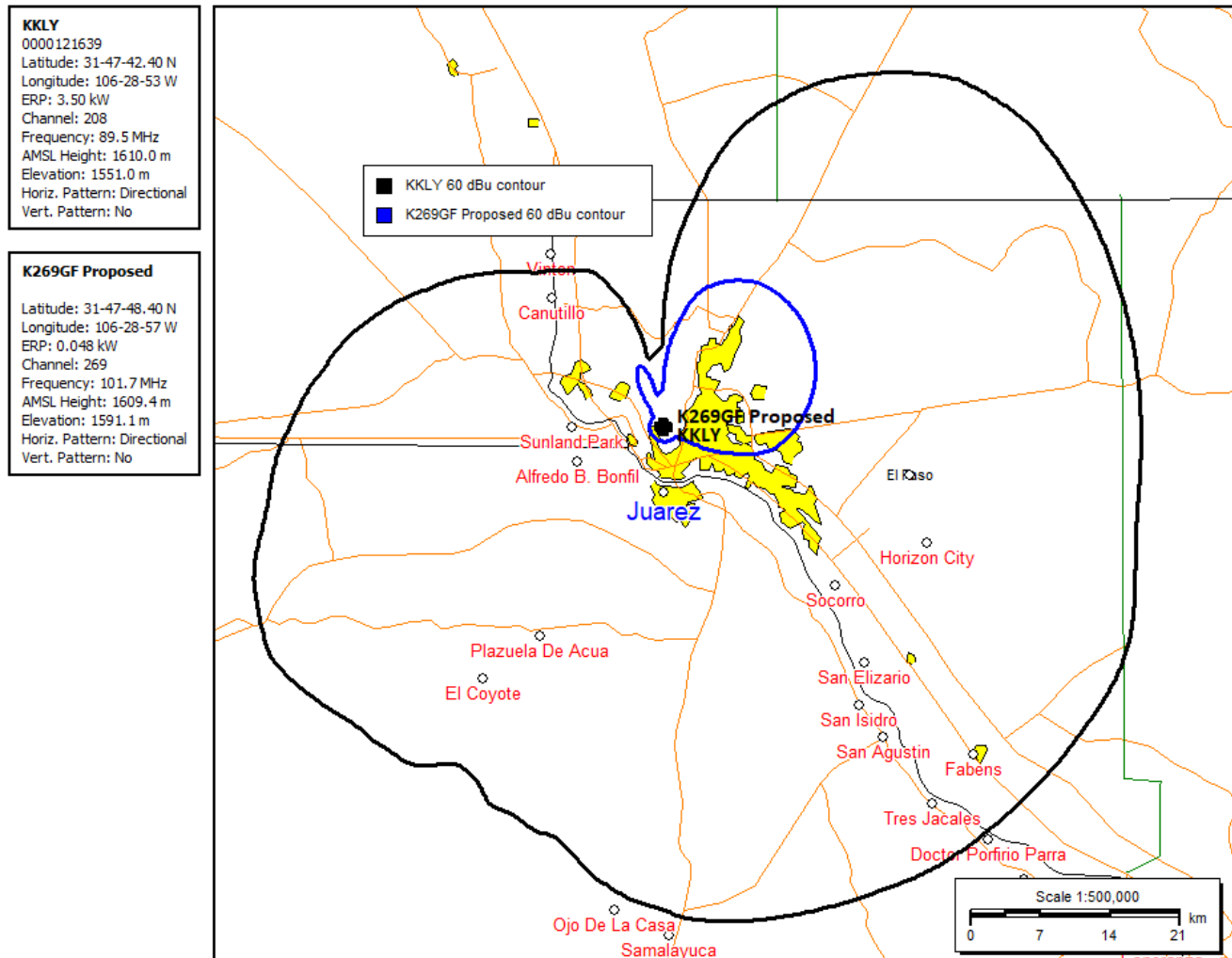


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## Fill-in Translator

K269GF proposes to operate as a fill-in of KKLY, El Paso, TX (Facility ID 19786). The below map demonstrates that the proposed 60 dBu contour of K269GF will be completely encompassed within the 60 dBu contour of KKLY and thus meets the required criteria for fill-in status.



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## Interference Study

CH 269 31 47 48.4 / 106 28 57.0 0.048 kW ERP (V, DA) 1609.4 m COR AMSL 373.7 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*
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Reference station:

269D	K269GF	LIC	344.2	2.20	31 48 57.40	0.010				
El Paso		TX	164.2	BLFT20180316ABL	106 29 20.00		1764	One Ministries, Inc.		

Co-channel, 1<sup>st</sup>, 2<sup>nd</sup>, & 3<sup>rd</sup> channel relationships:

266C	KVLC	LIC	331.2	113.72	32 41 35.20	100.000	11.6	81.4	92.5	32.3
Hatch		NM	150.9	BLH19940415KD	107 04 08.00	315	1657	Bravo Mic Communications,		
268L1	KUEH-LP	LIC	138.1	26.86	31 37 00.40	0.050			12.4	19.5
Ysleta Del Sur Pueb	TX		318.2	BLL20170428AAN	106 17 33.90	-16	1139	Ysleta Del Sur Pueblo		
268C2	KIDX	LIC	20.0	189.94	33 24 14.20	0.920	74.1	49.4	99.3	117.3
Ruidoso		NM	200.3	BMLH20141217AAU	105 46 57.90	869	3294	Mtd, Inc.		
268C1	KIDX	CP	20.0	190.02	33 24 16.00	6.000	101.6	69.0	71.9	97.7
Ruidoso		NM	200.4	0000208851	105 46 54.30	909	3324	Mtd, Inc.		
268L1	KTAL-LP	LIC	330.6	65.32	32 18 33.00	0.050			48.4	51.3
Las Cruces		NM	150.5	BLL20170801AFY	106 49 26.00	-50	1218	Las Cruces Community Radio		
271C	KPRR	LIC	154.0	0.48	31 47 34.30	100.000	8.3	64.3	-9.3	-63.8
El Paso		TX	334.0	BLH19860813KB	106 28 48.90	363	1583	Ihm Licenses, LLC		

Mexican stations/allocations:

267AA	AL01412	ALO	135.2	122.13	31 00 49.50	3.000	2.8	24.0	110.1	98.1
Balderas		CH	315.7		105 34 46.90	100	1291			
267A	AL0504	VAC	135.2	122.13	31 00 49.48	3.000	2.8	24.0	110.1	98.1
Balderas		CH	315.7		105 34 46.87	100	1291			
269B	AL00641	ALO	265.5	106.59	31 43 00.40	50.000	143.9	65.0	-39.4	28.2
Las Palomas		CH	84.9		107 36 22.10	150	1403			
269B	AL9283	VAC	265.5	106.59	31 43 00.37	50.000	143.9	65.0	-39.4	28.2
Las Palomas		CH	84.9		107 36 22.07	150	1403			
267A	R17274	VAC	184.2	6.37	31 44 22.39	3.000	1.6	24.0	3.3	-17.6
Cd. Juarez		CH	4.2		106 29 14.96	100	1339			

I.F.:

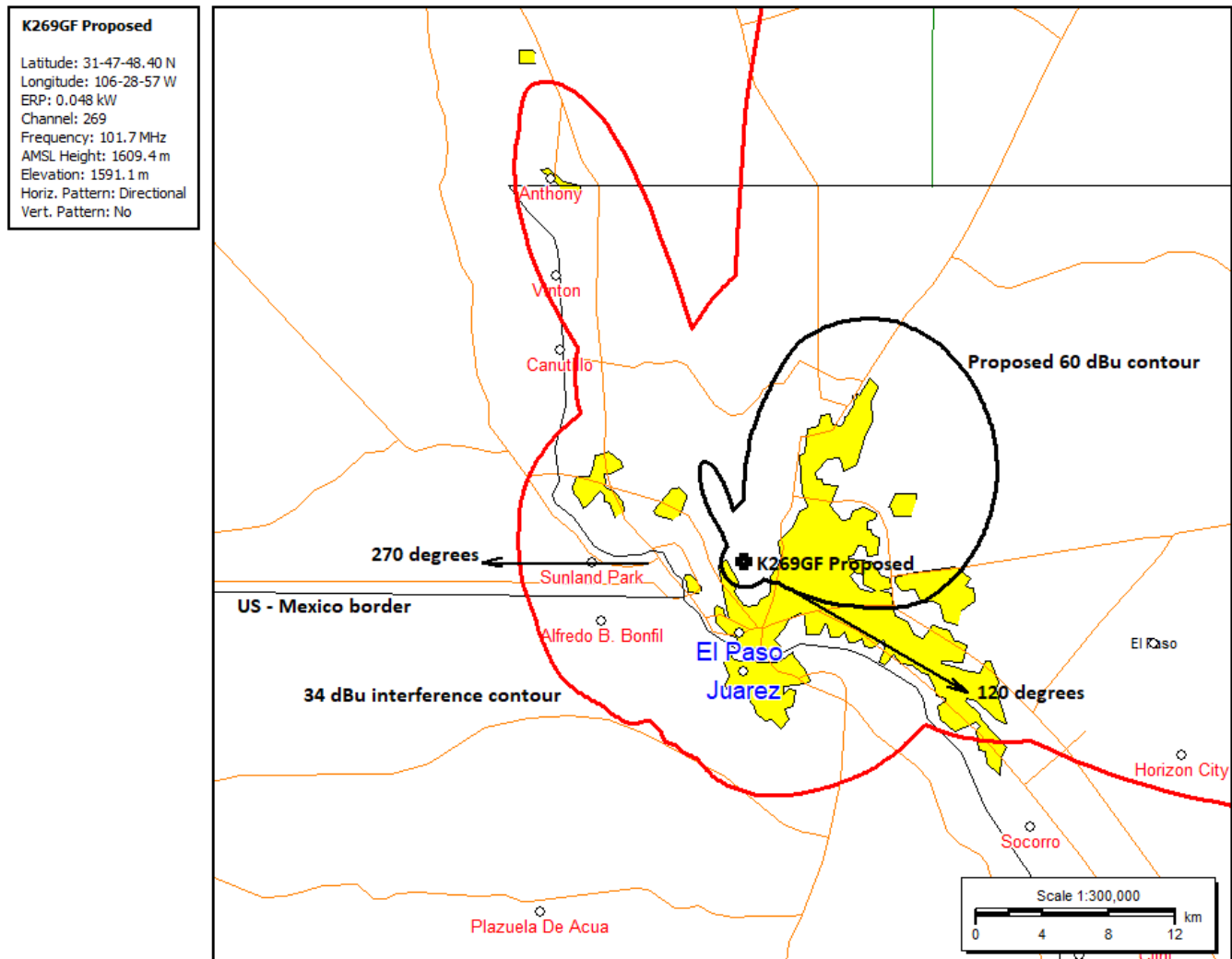
None

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## International Compliance - Mexico

K269GF 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, K269GF'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.



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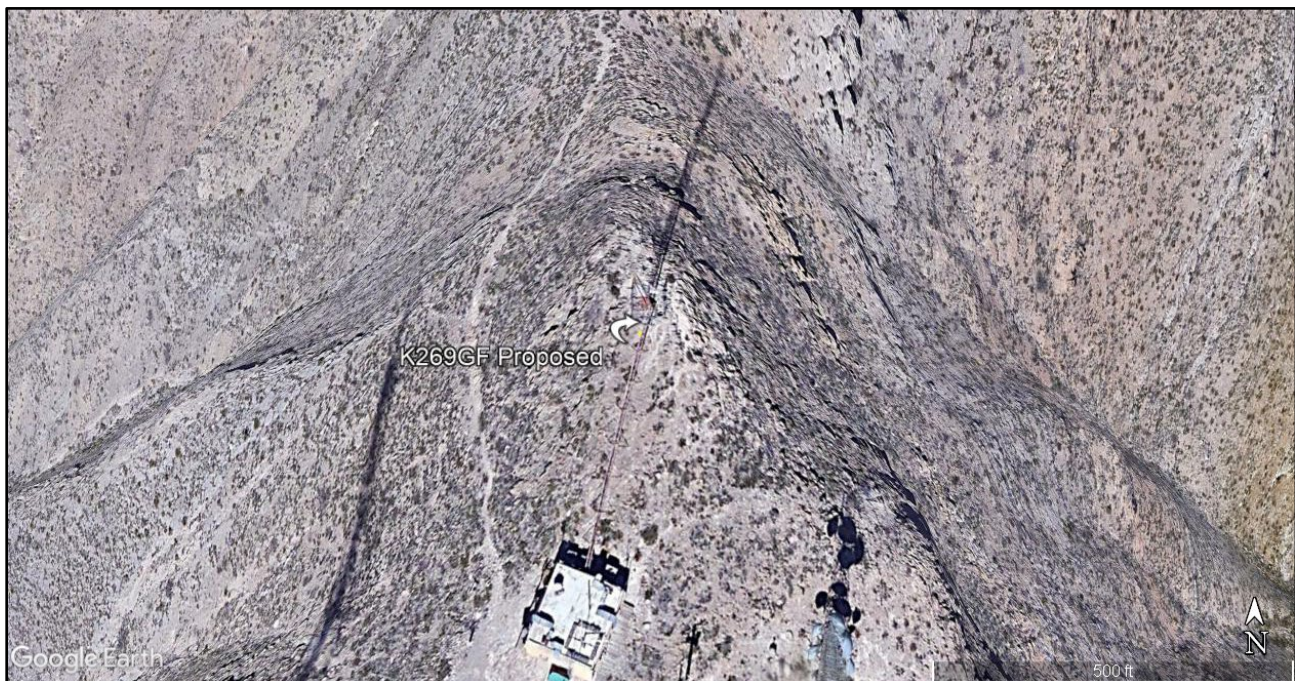
### **Interference Study**

K269GF as proposed will be located within the protected contour of the following second adjacent facility:

KPRR, CH 271C, El Paso, TX

KPRR signal strength at the K269GF site	133.2 dBu
K269GF interference contour	173.2 dBu
Distance to K269GF interference contour	0.1 meters

K269GF's antenna RC AGL height is 18.3 meters. The interference contour distance of 0.1 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**

K269GF will be located at an established communications site that is in compliance with all environmental impact requirements.

K269GF specifies operation with 0.048 kW (V, DA) at an antenna RC AGL height of 18.3 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 K269GF 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.