

Displacement Application

Educational Media Foundation ("EMF") submits this application in order to change the channel of its licensed translator facility K227AU, North Highlands, CA (BMLFT-20071029AAX) from channel 227 to channel 296.

In June 2009, CC Licenses, LLC was granted a license to operate KHLX on channel 226 (BLH-20090604ABN) which is 1st adjacent to K227AU's existing signal. Please see attached Exhibit 1A which shows KHLX's 57 dBu protected contour and K227AU's 54 dBu interfering contour. If K227AU were to continue to broadcast on channel 227, it is predicted that it will cause widespread interference to KHLX. In order to eliminate the potential for interference, a move to an alternate frequency was necessary.

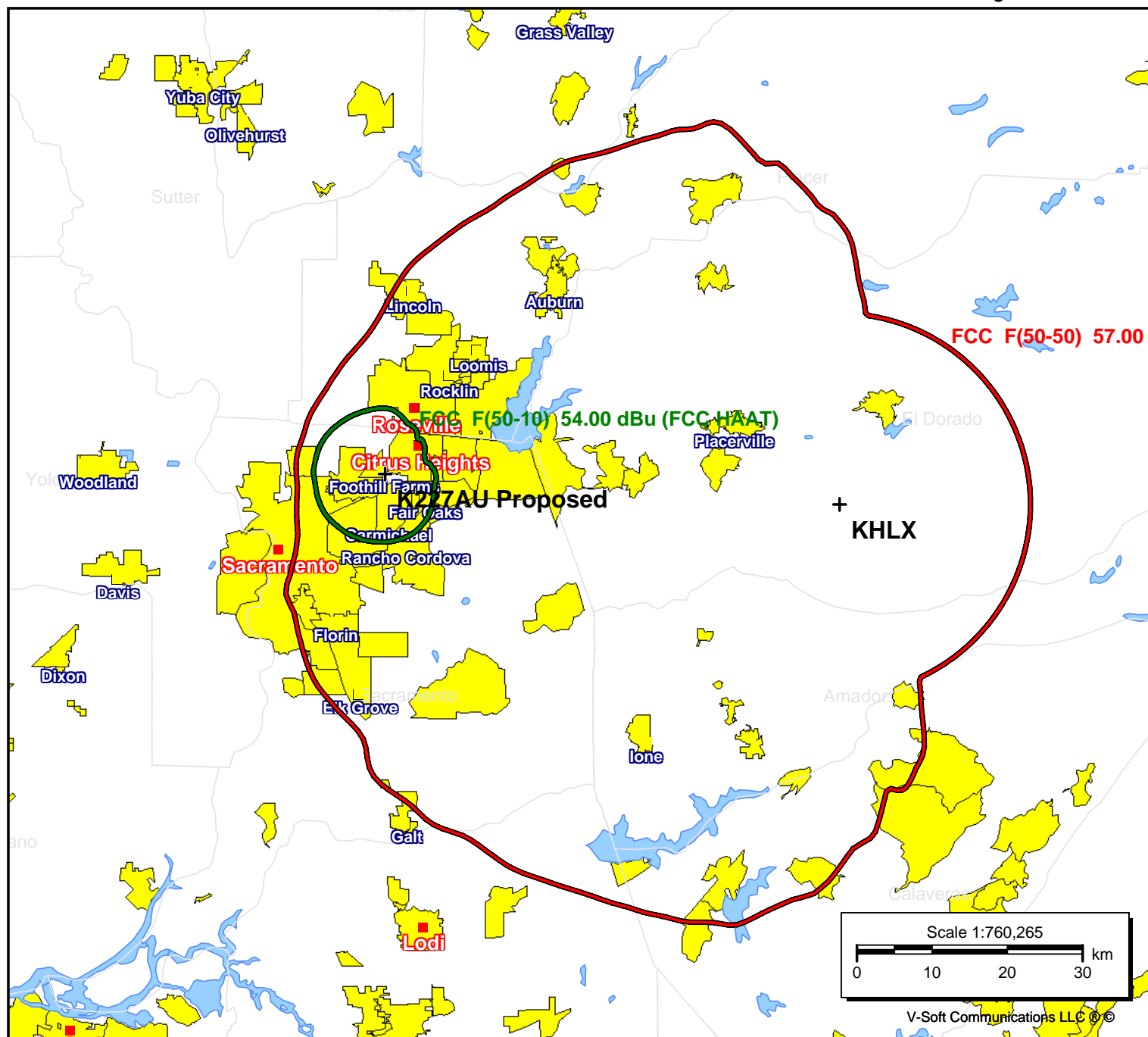
EMF submits that it is not technically feasible to operate K227AU on its current channel 227 or the 1st, 2nd, 3rd adjacent channels, or the intermod frequency channels (see attached Exhibit 1B). In order to continue to provide service to the listeners of K227AU, EMF has chosen channel 296. Please note that no changes were made to the translator's physical facilities.

.

Changes to the application are as follows:

1. Section III-A, Item 1: Channel updated.
2. Section III-A, Item 12: Exhibit 12 has been updated.

BLH20090604ABN
Latitude: 38-38-10.50 N
Longitude: 120-38-14 W
ERP: 20.50 kW
Channel: 226
Frequency: 93.1 MHz
AMSL Height: 974.0 m
Elevation: 929.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None



Current Channel 227

REFERENCE		CH# 227D - 93.3 MHz, Pwr= 0.019 kW, HAAT= 77.1 M, COR= 113 M							DISPLAY DATES		
38 40 21.0 N.		Average Protected F(50-50)= 6.0 km							DATA	09-24-09	
121 19 51.0 W.									SEARCH	09-24-09	
CH	CALL	TYPE	ANT	AZI.	DIST	LAT.	Pwr (kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG.	HAAT(M)	COR(M)	LICENSEE	(Overlap	in km)
227D	K227AU	LIC	C	0.0	0.00	38 40 22.0	0.019	20.5	6.2	-26.69*	-26.69*
North Highlands		CA		0.0	BMLFT20071029AAX	121 19 51.0		113	Educational Media Foundati		
229B1	KQJK	LIC	CN	53.8	12.58	38 44 22.0	25.000	5.1	53.6	2.85	-41.46*
Roseville		CA		233.9	BLH19940615KA	121 12 50.0	100	203	Amfm Texas Licenses Limite		
226B1	KHLX	LIC	NC	93.6	60.51	38 38 10.5	20.500	95.9	72.4	-40.25*	-19.99*
Pollock Pines		CA		274.1	BLH20090604ABN	120 38 14.0	111	974	Cc Licenses, Llc		

Channel 226 (first adjacent)

REFERENCE		CH# 226D - 93.1 MHz, Pwr= 0.019 kW, HAAT= 77.1 M, COR= 113 M							DISPLAY DATES		
38 40 21.0 N.		Average Protected F(50-50)= 6.0 km							DATA	09-24-09	
121 19 51.0 W.									SEARCH	09-24-09	

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

227D	K227AU	LIC	C	0.0	0.00	38 40 22.0	0.019	8.7	6.2	-14.93*	-14.93*
North Highlands		CA		0.0	BMLFT20071029AAX	121 19 51.0		113	Educational Media Foundati		

226B1	KHLX	LIC	NC	93.6	60.51	38 38 10.5	20.500	151.4	72.4	-95.74*	-30.94*
Pollock Pines		CA		274.1	BLH20090604ABN	120 38 14.0	111	974	Cc Licenses, Llc		

Channel 225 (second adjacent)

REFERENCE		CH# 225D - 92.9 MHz, Pwr= 0.019 kW, HAAT= 77.1 M, COR= 113 M							DISPLAY DATES		
38 40 21.0 N.		Average Protected F(50-50)= 6.0 km							DATA	09-24-09	
121 19 51.0 W.									SEARCH	09-24-09	

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

227D	K227AU	LIC	C	0.0	0.00	38 40 22.0	0.019	0.3	6.2	-6.49*	-6.49*
North Highlands		CA		0.0	BMLFT20071029AAX	121 19 51.0		113	Educational Media Foundati		

223B	KGBY	LIC	CN	287.0	13.18	38 42 26.0	50.000	5.4	61.1	1.06	-48.56*
Sacramento		CA		106.9	BLH19850412KK	121 28 33.0	137	151	Amfm Broadcasting Licenses		

226B1	KHLX	LIC	NC	93.6	60.51	38 38 10.5	20.500	95.9	72.4	-40.25*	-19.99*
Pollock Pines		CA		274.1	BLH20090604ABN	120 38 14.0	111	974	Cc Licenses, Llc		

Channel 224 (third adjacent)

REFERENCE		CH# 224D - 92.7 MHz, Pwr= 0.019 kW, HAAT= 77.1 M, COR= 113 M							DISPLAY DATES		
38 40 21.0 N.		Average Protected F(50-50)= 6.0 km							DATA	09-24-09	
121 19 51.0 W.									SEARCH	09-24-09	

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

227D	K227AU	LIC	C	0.0	0.00	38 40 22.0	0.019	0.3	6.2	-6.49*	-6.49*
North Highlands		CA		0.0	BMLFT20071029AAX	121 19 51.0		113	Educational Media Foundati		

223B	KGBY	LIC	CN	287.0	13.18	38 42 26.0	50.000	73.9	61.1	-67.40*	-61.13*
Sacramento		CA		106.9	BLH19850412KK	121 28 33.0	137	151	Amfm Broadcasting Licenses		

Channel 228 (first adjacent)

REFERENCE		CH# 228D - 93.5 MHz, Pwr= 0.019 kW, HAAT= 77.1 M, COR= 113 M								DISPLAY DATES	
38 40 21.0 N.		Average Protected F(50-50)= 6.0 km								DATA 09-24-09	
121 19 51.0 W.										SEARCH 09-24-09	
CH CITY	CALL	TYPE STATE	ANT	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
227D North Highlands	K227AU	LIC CA	C	0.0 0.0	0.00 BMLFT20071029AAX	38 40 22.0 121 19 51.0	0.019	8.7 113	6.2 Educational Media Foundati	-14.93*	-14.93*
229B1 Roseville	KQJK	LIC CA	CN	53.8 233.9	12.58 BLH19940615KA	38 44 22.0 121 12 50.0	25.000 100	70.3 203	53.6 Amfm Texas Licenses Limite	-62.36*	-48.70*
226B1 Pollock Pines	KHLX	LIC CA	NC	93.6 274.1	60.51 BLH20090604ABN	38 38 10.5 120 38 14.0	20.500 111	7.1 974	72.4 Cc Licenses, Llc	48.49	-12.28*

Channel 229 (second adjacent)

REFERENCE		CH# 229D - 93.7 MHz, Pwr= 0.019 kW, HAAT= 77.1 M, COR= 113 M								DISPLAY DATES	
38 40 21.0 N.		Average Protected F(50-50)= 6.0 km								DATA 09-24-09	
121 19 51.0 W.										SEARCH 09-24-09	
CH CITY	CALL	TYPE STATE	ANT	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
227D North Highlands	K227AU	LIC CA	C	0.0 0.0	0.00 BMLFT20071029AAX	38 40 22.0 121 19 51.0	0.019	0.3 113	6.2 Educational Media Foundati	-6.49*	-6.49*
229B1 Roseville	KQJK	LIC CA	CN	53.8 233.9	12.58 BLH19940615KA	38 44 22.0 121 12 50.0	25.000 100	123.8 203	53.6 Amfm Texas Licenses Limite	-115.80*	-58.96*

Channel 230 (third adjacent)

REFERENCE		CH# 230D - 93.9 MHz, Pwr= 0.019 kW, HAAT= 77.1 M, COR= 113 M								DISPLAY DATES	
38 40 21.0 N.		Average Protected F(50-50)= 6.0 km								DATA 09-24-09	
121 19 51.0 W.										SEARCH 09-24-09	
CH CITY	CALL	TYPE STATE	ANT	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
227D North Highlands	K227AU	LIC CA	C	0.0 0.0	0.00 BMLFT20071029AAX	38 40 22.0 121 19 51.0	0.019	0.3 113	6.2 Educational Media Foundati	-6.49*	-6.49*
229B1 Roseville	KQJK	LIC CA	CN	53.8 233.9	12.58 BLH19940615KA	38 44 22.0 121 12 50.0	25.000 100	70.3 203	53.6 Amfm Texas Licenses Limite	-62.36*	-48.70*

Channel 281 (intermod frequency)

REFERENCE		CH# 281D - 104.1 MHz, Pwr= 0.019 kW, HAAT= 77.1 M, COR= 113 M								DISPLAY DATES	
38 40 22.0 N.		Average Protected F(50-50)= 6.0 km								DATA 09-24-09	
121 19 51.0 W.										SEARCH 09-24-09	
CH CITY	CALL	TYPE STATE	ANT	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
281B Modesto	KHKK	LIC CA	CN	186.5 6.4	113.94 BLH7721	37 39 10.0 121 28 38.0	50.000 152	166.5 422	85.9 Citadel Broadcasting Compa	-58.98*	-2.15
280A Lincoln	KKFS	LIC CA	NCX	38.3 218.4	28.78 BLH20050422AAK	38 52 33.0 121 07 30.0	6.000 100	62.7 369	42.4 New Inspiration Broadcasti	-38.86*	-20.41*
281D Sacramento	649727	APP CA	C	227.6 47.5	17.54 BNPFT20030317MMY	38 33 59.0 121 28 47.0	0.205	40.9 113	11.9 Eastern Sierra Broadcastin	-30.03*	-16.71

Channel 282 (intermod frequency)

REFERENCE CH# 282D - 104.3 MHz, Pwr= 0.019 kW, HAAT= 77.1 M, COR= 113 M DISPLAY DATES
 38 40 22.0 N. Average Protected F(50-50)= 6.0 km DATA 09-24-09
 121 19 51.0 W. SEARCH 09-24-09

CH CITY	CALL	TYPE ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
282A Davis	KXSE	LIC CX CA	267.2 86.9	33.92 BLH20030218AAQ	38 39 26.0 121 43 12.0	3.400 133	84.5 147	28.9 Entravision Holdings, Llc	-57.24*	-17.25
280A Lincoln	KKFS	LIC NCX CA	38.3 218.4	28.78 BLH20050422AAK	38 52 33.0 121 07 30.0	6.000 100	3.9 369	42.4 New Inspiration Broadcasti	19.96	-13.89*