

Displacement Application

Educational Media Foundation ("EMF") submits this application in order to change the channel of its licensed translator facility K209FB, Edison, CA (BLFT-20070927AKR) from channel 209 to channel 285.

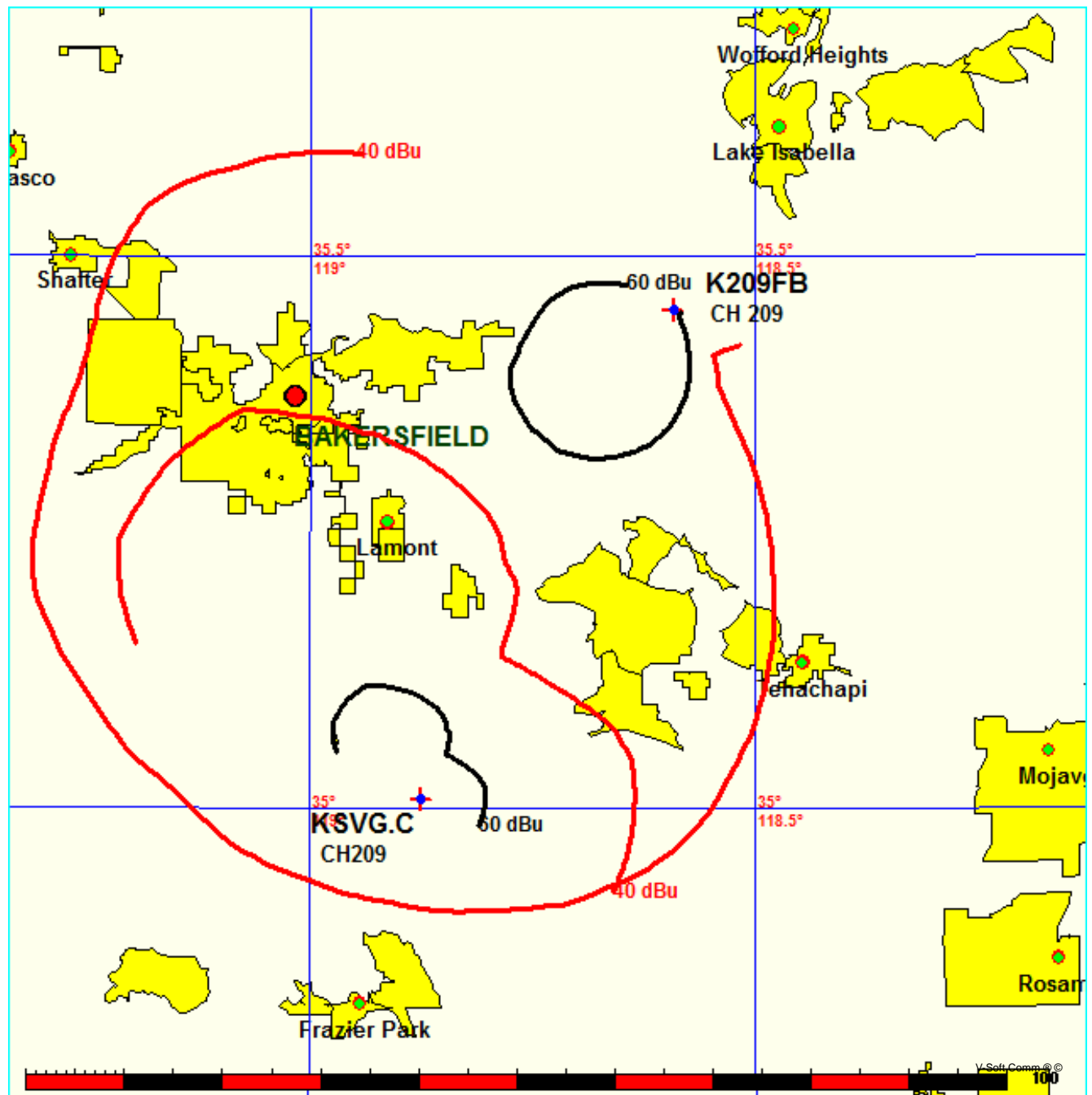
In 2009, Kern Community Radio, Inc. was granted a construction permit to build KSVG (BNPED-20071018AQO) which is co-channel to K209FB's existing signal. Please see attached Exhibit 1A which shows KSVG's 60 dBu protected contour and K209FB's 40 dBu interfering contour. If K209FB were to continue to broadcast on channel 209, it is predicted that it will cause widespread interference to KSVG. 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 K209FB on its current channel 209 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 K209FB, EMF has chosen channel 285. The physical location of the translator remains unchanged.

FMCommander Single Allocation Study - 01-27-2012 - NGDC 30 SEC
K209FB's Overlaps (In= 19.27 km, Out= -17.35 km)

K209FB CH 209 D DA
Lat= 35 27 10.0, Lng= 118 35 25.0
0.01 kW 1103.6 M HAAT, 2306 M COR
Prot.= 60 dBu, Intef.= 40 dBu

KSVG-C CH 209 A DA BNPED20071018AQO
Lat= 35 00 33.0, Lng= 118 52 30.0
0.18 kW -156 M HAAT, 272 M COR
Prot.= 60 dBu, Intef.= 40 dBu



Current Channel 209

REFERENCE CH# 209D - 89.7 MHz, Pwr= 0.01 kW DA, HAAT= 1103.6 M, COR= 2306 M DISPLAY DATES
35 27 10.0 N. Average Protected F(50-50)= 17.6 km DATA 01-27-12
118 35 25.0 W. Standard Directional SEARCH 01-27-12

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*
211B Bakersfield	KTQX	LIC CA	CN	0.0 180.0	0.0 BLED19961031KA	35 27 11.0 118 35 25.0	0.570 1104	1.6 2326	54.4 Radio Bilingue, Inc.	-3.0*<	-54.4*<
209B Randsburg	KGBM	LIC CA	DCX	87.8 268.3	80.9 BLED20110602ACK	35 28 39.0 117 41 58.0	6.800 397	105.1 1367	41.4 Educational Media Foundati	-27.4*<	17.9
209A Mettler	KSVG	CP CA	DCX	207.7 27.6	55.6 BNPED20071018AQO	35 00 33.0 118 52 30.0	0.180 -156	19.3 272	5.8 Kern Community Radio, Inc.	19.3	-17.3<

Channel 208 (first adjacent)

REFERENCE CH# 208D - 89.5 MHz, Pwr= 0.01 kW DA, HAAT= 1103.6 M, COR= 2306 M DISPLAY DATES
35 27 10.0 N. Average Protected F(50-50)= 17.6 km DATA 01-27-12
118 35 25.0 W. Standard Directional SEARCH 01-27-12

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*
208B Shafter	KAIB	CP CA	DCX	283.0 102.5	81.9 BPED20070205AEA	35 36 53.0 119 28 16.0	40.000 150	131.2 229	48.6 Educational Media Foundati	-59.6*<	-19.6<
208B Shafter	KAIB	LIC CA	DCX	283.0 102.5	81.9 BLED20061030AAY	35 36 53.0 119 28 16.0	50.000 109	130.2 188	44.3 Educational Media Foundati	-58.6*<	-15.3<
211B Bakersfield	KTQX	LIC CA	CN	0.0 180.0	0.0 BLED19961031KA	35 27 11.0 118 35 25.0	0.570 1104	1.6 2326	54.4 Radio Bilingue, Inc.	-3.0*<	-54.4*<

Channel 207 (second adjacent)

REFERENCE CH# 207D - 89.3 MHz, Pwr= 0.01 kW DA, HAAT= 1103.6 M, COR= 2306 M DISPLAY DATES
35 27 10.0 N. Average Protected F(50-50)= 17.6 km DATA 01-27-12
118 35 25.0 W. Standard Directional SEARCH 01-27-12

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*
204B Tehachapi	KBLV	LIC CA	DCX	0.0 180.0	0.0 BLED20091009AEF	35 27 11.0 118 35 25.0	0.390 1126	1.4 2348	51.0 Educational Media Foundati	-2.8*<	-51.0*<
207D Lake Isabella	K207DJ	LIC CA	DV	5.8 185.8	28.2 BLFT20110516ABY	35 42 21.0 118 33 31.0	0.010 816	44.7 2182	10.3 Calvary Chapel Of Twin Fal	-18.9*<	-2.0<
206B1 Bakersfield	KPRX	LIC CA	CN	277.9 97.7	27.4 BLED19870219KB	35 29 10.0 118 53 20.0	11.000 152	27.5 515	18.6 White Ash Broadcasting, In	-11.9*<	-14.2<

Channel 206 (third adjacent)

REFERENCE CH# 206D - 89.1 MHz, Pwr= 0.01 kW DA, HAAT= 1103.6 M, COR= 2306 M DISPLAY DATES
35 27 10.0 N. Average Protected F(50-50)= 17.6 km DATA 01-27-12
118 35 25.0 W. Standard Directional SEARCH 01-27-12

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*
206B1 Bakersfield	KPRX	LIC CN CA		277.9 97.7	27.4 BLED19870219KB	35 29 10.0 118 53 20.0	11.000 152	82.4 515	18.6 White Ash Broadcasting, In	-66.8*<	-47.5*<
204B Tehachapi	KBLV	LIC DCX CA		0.0 180.0	0.0 BLED20091009AEF	35 27 11.0 118 35 25.0	0.390 1126	1.4 2348	51.0 Educational Media Foundati	-2.8*<	-51.0*<

Channel 210 (first adjacent)

REFERENCE CH# 210D - 89.9 MHz, Pwr= 0.01 kW DA, HAAT= 1103.6 M, COR= 2306 M DISPLAY DATES
35 27 10.0 N. Average Protected F(50-50)= 17.6 km DATA 01-27-12
118 35 25.0 W. Standard Directional SEARCH 01-27-12

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*
211B Bakersfield	KTQX	LIC CN CA		0.0 180.0	0.0 BLED19961031KA	35 27 11.0 118 35 25.0	0.570 1104	80.8 2326	54.4 Radio Bilingue, Inc.	-82.2*<	-57.2*<

Channel 211 (second adjacent)

REFERENCE CH# 211D - 90.1 MHz, Pwr= 0.01 kW DA, HAAT= 1103.6 M, COR= 2306 M DISPLAY DATES
35 27 10.0 N. Average Protected F(50-50)= 17.6 km DATA 01-27-12
118 35 25.0 W. Standard Directional SEARCH 01-27-12

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*
211B Bakersfield	KTQX	LIC CN CA		0.0 180.0	0.0 BLED19961031KA	35 27 11.0 118 35 25.0	0.570 1104	128.0 2326	54.4 Radio Bilingue, Inc.	-129.4*<	-66.6*<
214D Bena	K214ED	LIC DV CA		0.0 0.0	0.0 BMLFT20110523AEJ	35 27 10.0 118 35 25.0	0.010 1104	0.2 2306	17.3 Calvary Chapel Of Twin Fal	-1.7*<	-17.3*<

Channel 212 (third adjacent)

REFERENCE CH# 212D - 90.3 MHz, Pwr= 0.01 kW DA, HAAT= 1103.6 M, COR= 2306 M DISPLAY DATES
35 27 10.0 N. Average Protected F(50-50)= 17.6 km DATA 01-27-12
118 35 25.0 W. Standard Directional SEARCH 01-27-12

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*
211B Bakersfield	KTQX	LIC CN CA		0.0 180.0	0.0 BLED19961031KA	35 27 11.0 118 35 25.0	0.570 1104	80.8 2326	54.4 Radio Bilingue, Inc.	-82.2*<	-57.2*<
214D Bena	K214ED	LIC DV CA		0.0 0.0	0.0 BMLFT20110523AEJ	35 27 10.0 118 35 25.0	0.010 1104	0.2 2306	17.3 Calvary Chapel Of Twin Fal	-1.7*<	-17.3*<
213D Bena	K214ED	CP DV CA		0.0 0.0	0.0 BFPT20110329AAK	35 27 10.0 118 35 25.0	0.010	0.9 2306	0.4 Calvary Chapel Of Twin Fal	-2.3*<	-3.3*<

Channel 262 (intermod frequency)

REFERENCE CH# 262D - 100.3 MHz, Pwr= 0.01 kW DA, HAAT= 1103.6 M, COR= 2306 MDISPLAY DATES
35 27 10.0 N. Average Protected F(50-50)= 17.6 km DATA 01-27-12
118 35 25.0 W. Standard Directional SEARCH 01-27-12

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*
263B East Porterville	KMQA	LIC CA	ZCX	336.0 155.9	37.4 BLH20080103ABT	35 45 36.0 118 45 32.0	2.000 612	68.5 1482	58.1 Mbp Licensee, Llc	-31.9*<	-23.7*<
262D Conner	DK262BP	CP CA	DC	238.6 58.3	53.4 BPFT20100729ABD	35 12 06.0 119 05 27.0	0.040 28	9.8 128	3.0 Juan Alberto Ayala	24.7	-21.1<
262D Conner	DK262BP	LIC CA	C	236.0 55.7	58.2 BLFT20080229ADN	35 09 34.0 119 07 13.0	0.100 25	20.7 133	6.2 Juan Alberto Ayala	18.6	-19.4<
259D Caliente	K259CA	LIC CA	DV	0.0 0.0	0.0 BLFT20111018ADN	35 27 10.0 118 35 25.0	0.010	0.0	0.9	-1.5*<	-0.9*<
262B Los Angeles	KSWD	LIC CA	CX	160.5 340.8	144.3 BLH20090409AHH	34 13 35.0 118 03 58.0	5.400 889	140.5	74.9	-0.3<	25.7
								2306	Calvary Chapel Of Twin Fal		
								1782	Bonneville International C		

Channel 263 (intermod frequency)

REFERENCE CH# 263D - 100.5 MHz, Pwr= 0.01 kW DA, HAAT= 1103.6 M, COR= 2306 MDISPLAY DATES
35 27 10.0 N. Average Protected F(50-50)= 17.6 km DATA 01-27-12
118 35 25.0 W. Standard Directional SEARCH 01-27-12

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*
263B East Porterville	KMQA	LIC CA	ZCX	336.0 155.9	37.4 BLH20080103ABT	35 45 36.0 118 45 32.0	2.000 612	114.6 1482	58.1 Mbp Licensee, Llc	-78.0*<	-33.5*<