

EXHIBIT E-1  
TECHNICAL STATEMENT  
K296FZ CHEYENNE, WYOMING  
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FCC FORM 349  
JANUARY 2009

This Technical Statement is filed in support of a minor change application for K296FZ Cheyenne, Wyoming, facility ID 157711, licensed on channel 296D.

K296FZ seeks to change its transmitter location to an existing tower site, FCC registration number 1008318, and operate with 250 watts Effective Radiated Power with antenna height 18 meters above ground and 1882 meters Height Above Mean Sea Level. It proposes to use a Nicom BKG-88/2, two bay with half wavelength spacing, non-directional.

Figure 1 is a detailed interference study which shows that the new proposed operation of K296FZ will not produce any prohibited outgoing interference to any other CO or pertinent adjacent channel stations.

Figure 2 is a more detailed interference study conducted against KONN-FM Bennett, Colorado, facility ID 35023, operating on 296C.

Figure 3 shows that the currently licensed operation of K296FZ will 60 dbμ overlap with the proposed 60 dbμ of K296FZ.

It was determined that the new proposed operation of K296FZ Cheyenne will comply with all of the Commission's rules and regulations for FM translator stations.

EXHIBIT E-1, FIGURE 1, INTERFERENCE STUDY  
K296FZ CHEYENNE, WY, CHANNEL 296D  
CH# 296D - 107.1 MHz, Pwr= 0.25 kW, HAAT= 45.7 M, COR= 1882 M  
Average Protected F(50-50)= 8.81 km  
Omni-directional

REFERENCE  
41 09 34.0 N.  
104 43 19.0 W.

DISPLAY DATES  
DATA 01-17-09  
SEARCH 01-18-09

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*
296D	K296FZ Cheyenne	LIC DC_ WY	86.5 266.5	1.5 BLFT20080919ABO	41 09 37.0 104 42 13.0	0.250 1905	26.3	7.9 Mitchell A. Beranek	-36.9*	-48.0*
296C	KONN-FM Bennett	LIC NC_ CO	155.0 335.5	151.3 BMLH20081028ABZ	39 55 22.0 103 58 18.0	97.000 624	201.0 2109	93.8 Ksir-fm, Llc	-60.9*	20.0 Debtor-in-po
297C3	KKAW Albin	LIC NC_ WY	55.0 235.4	64.8 BLH20001201ABA	41 29 31.0 104 05 07.0	9.300 162	45.1 1719	28.8 Chisholm Trail Broadcastin	7.6	18.4
296D	K296BO Laramie	LIC _CN WY	278.2 97.7	62.8 BLFT19810724IA	41 14 16.0 105 27 48.0	0.080 244	41.8 2661	12.6 Laramie Plains Antenna Tv	13.9	26.1
295D	651392 Buford	APP _C_ WY	257.5 77.1	41.1 BNPFT20030317LVW	41 04 42.0 105 11 59.0	0.034 2388	18.9	12.7 Mary Medicus	15.2	18.3
296D	KONN-FM3 Aurora	LIC DC_ CO	184.5 4.4	165.3 BLFTB20050729DSZ	39 40 31.0 104 52 22.0	20.000 1766	113.7	42.2 Ksir-fm, Llc	42.5	98.1
298D	K298AE Laramie	LIC DC_ WY	277.9 97.4	61.2 BLFT20010717AAR	41 13 58.0 105 26 42.0	0.040 2724	0.4	13.0 Western Inspirational Broa	53.7	47.1
298A	KPAD Wheatland	APP _CX WY	338.9 158.6	78.4 BMPH20070208AAV	41 49 00.0 105 03 48.0	0.550 333	1.6 2084	25.7 White Park Broadcasting, I	69.7	51.5
295D	K295BM Masonville	CP DC_ CO	220.4 40.0	78.9 BNPFT20080620AEE	40 37 03.0 105 19 40.0	0.009 2549	14.8	9.5 Mitchell A. Beranek	56.9	58.7
297D	K297AK Loveland	LIC DC_ CO	207.7 27.4	83.5 BLFT20080811ABV	40 29 37.0 105 10 53.0	0.010 2096	19.1	12.4 Mountain Community Transla	57.2	60.9
293C3	KLMI Rock River	LIC _CX WY	288.5 107.6	117.0 BLH20080317AHZ	41 29 05.0 106 03 06.0	25.000 52	6.1 2491	54.1 Greeley Broadcasting Corpo	103.8	61.9
295C3	KHYI Minatare	LIC NCX NE	46.9 227.6	115.4 BLH20080725ADA	41 51 50.0 103 42 20.0	25.000 28	35.6 1270	22.7 Legacy Communications, Llc	67.7	75.1
298A	KPAD Wheatland	RSV _ WY	344.5 164.3	89.5	41 56 09.0 105 00 41.0	6.000 100	1.6 1672	15.8 White Park Broadcasting, I	79.5	72.7
294C0	KBPI Denver	LIC _CX CO	195.5 15.2	164.3 BLH20080602ADJ	39 43 58.0 105 14 08.0	100.000 408	12.7 2318	87.6 Jacor Broadcasting Of Colo	144.4	75.6
294C0	KBPI Denver	LIC _C_ CO	195.5 15.2	164.3 BLH20071022AXG	39 43 58.0 105 14 08.0	100.000 382	12.5 2292	86.0 Jacor Broadcasting Of Colo	144.7	77.2
298C2	KPAD Wheatland	CP _CX WY	349.1 168.9	134.4 BNPH20060309ADR	42 20 51.0 105 01 54.0	50.000 127	6.5 1657	55.3 White Park Broadcasting, I	119.3	78.1
298C	KQKS Lakewood	LIC _C_ CO	193.1 12.8	166.8 BLH19991214ABI	39 41 45.0 105 09 54.0	100.000 365	11.4 2081	78.7 Lincoln Financial Media Co	148.2	87.0
295C	KASS Casper	LIC _C_ WY	323.8 142.8	219.7 BLH19980220KD	42 44 37.0 106 18 31.0	100.000 538	97.5 2496	66.2 Mt. Rushmore Broadcasting,	113.5	135.6
243D	KXPK-FM1 Boulder	LIC DCN CO	197.4 17.1	139.5 BLFTB19950119TD	39 57 38.0 105 12 44.0	0.500 -52	58.9 1753	18.8 Entravision Holdings, Llc	10.0R	129.5M
242C	KQWY Lusk	CP _CX WY	1.6 181.6	169.5 BNPH20060308ALY	42 41 05.0 104 39 53.0	100.000 597	133.9 2233	89.7 Alma Corporation	29.0R	140.5M
243C	KXPK Evergreen	LIC _CN CO	201.7 21.2	177.0 BLH19940701KC	39 40 35.0 105 29 09.0	100.000 530	199.9 3281	93.1 Entravision Holdings, Llc	29.0R	148.0M

Terrain database is NGDC 30 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM  
In & Out distances between contours are shown at closest points. Reference zone = 2, Co to 3rd adjacent.  
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)  
"\*"affixed to 'IN' or 'OUT' values = site inside protected contour.

EXHIBIT E-1, FIGURE 2, INTERFERENCE STUDY, KONN 296C  
K296FZ CHEYENNE, WY, CHANNEL 296D

FMCommander Single Allocation Study - 01-18-2009 - NGDC 30 SEC  
K296FZ's Overlaps (In= -60.92 km, Out= 19.97 km)

K296FZ CH 296 D

Lat= 41 09 34.0, Lng= 104 43 19.0

0.25 kW 45.7 M HAAT, 1882 M COR

Prot.= 60 dBu, Intef.= 40 dBu

KONN-FM CH 296 C 73.215 N BMLH20081028ABZ

Lat= 39 55 22.0, Lng= 103 58 18.0

97.0 kW 624 M HAAT, 2109 M COR

Prot.= 60 dBu, Intef.= 40 dBu

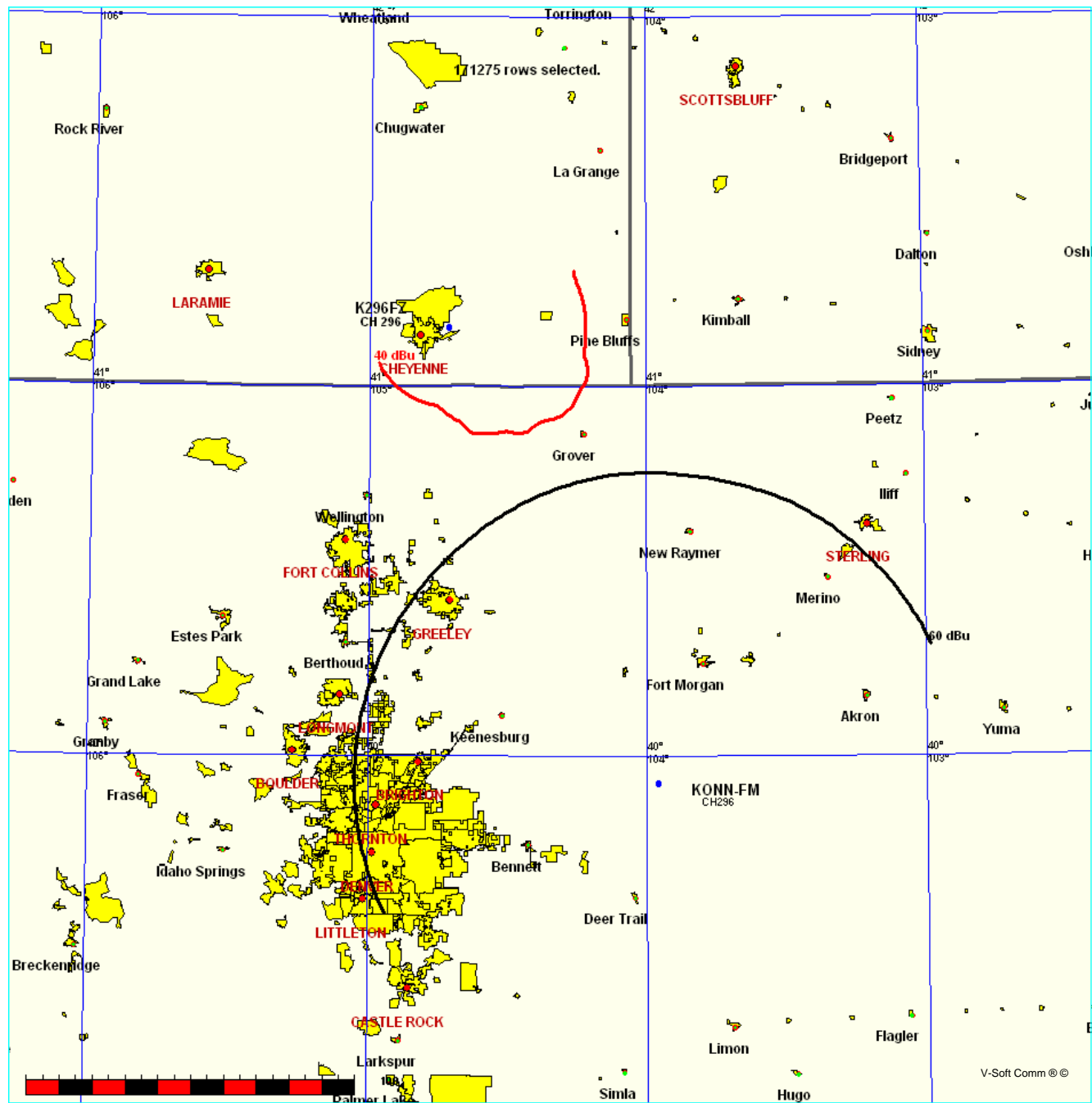


EXHIBIT E-1, FIGURE 3, OVERLAP WITH CURRENT K296FZ  
K296FZ CHEYENNE, WY, CHANNEL 296D

FMCommander Single Allocation Study - 01-18-2009 - NGDC 30 SEC  
K296FZ's Overlaps (In= -36.88 km, Out= -48.01 km)

K296FZ CH 296 D

Lat= 41 09 34.0, Lng= 104 43 19.0

0.25 kW 45.7 M HAAT, 1882 M COR

Prot.= 60 dBu, Intef.= 40 dBu

K296FZ CH 296 D DA BLFT20080919ABO

Lat= 41 09 37.0, Lng= 104 42 13.0

0.25 kW 0 M HAAT, 1905 M COR

Prot.= 60 dBu, Intef.= 40 dBu

