

EXHIBIT E-1
TECHNICAL STATEMENT
K297AK LOVELAND, COLORADO
MOUNTAIN COMMUNITY TRANSLATORS, LLC
FCC FORM 349
MARCH 2008

This Technical Statement is filed in support of a minor change to the licensed facilities for K297AK Loveland, Colorado, facility ID # 140272.

K297AK seeks to change the type antenna, and increase its effective radiated power from 0.009 kilowatts to 0.01 kilowatts. A directional antenna is proposed.

Figure 1 shows a channel interference study on channel 297D. It shows the stations that need to be studied further for potential interference: KQKS Lakewood, Colorado on channel 298C, KONN-FM Bennett, Colorado on channel 296C, KPAW Fort Collins, Colorado on channel 300C1, and KBPI Denver, Colorado on channel 294C0.

Figure 2 shows an interference study conducted against KQKS Lakewood, Colorado on channel 298C. It shows that the proposed 54 dbu (F50,10) interference contour of K297AK will not overlap with the 60 dbu (F50,50) protected contour of KQKS.

Figure 3 shows an interference study conducted against KONN-FM Bennett, Colorado on channel 296C. It shows that the proposed 54 dbu (F50,10) interference contour of K297AK will not overlap with the 60 dbu (F50,50) protected contour of KONN-FM.

The proposed operation of K297AK is located within the protected 60 dBu contours of third adjacent channel KBPI Denver, pending application, on channel 294C and KPAW Fort Collins on channel 300C1, both its license and Construction Permit

records. Therefore, the respective worse case predicted interfering contour generated by the proposed K297AK is 100 dBu, F50,10. This interfering contour extends less than 220 meters from the transmitter site for K297AK.

The applicant, Mountain Community Translators, LLC, respectfully requests a waiver of C.F.R. 74.1204(d) of the commission rules based on there is no population within the area of predicted interference area. Figure 4 shows a U.S.G.S. 7.5 minute map of the area around the tower site, and the proposed 100 dbu interference contour. It clearly shows that there are no homes nearby the tower site. The road to the site is a private lane. The transmitter building is owned and is un-habited and does not have indoor plumbing.

Figure 6 is a polar plot and antenna data for the proposed directional antenna for K297AK. It is a Nicom model BGK77, one bay, circular polarized, directional antenna system. Its center of radiation will be located 26 meter above the ground at the existing tower site on Milner Mountain.

Since this proposed operation is at the same transmitter site for the current K297AK, it can be concluded that this application and the current authorization are mutually exclusive, as the two 60 dbu contours would obviously overlap with one another.

EXHIBIT E-1, FIGURE 1, INTERFERENCE STUDY

K297AK LOVELAND, COLORADO, CHANNEL 297D

REFERENCE CH# 297D - 107.3 MHz, Pwr= 0.01 kW, HAAT= 0.0 M, COR= 2096 M
40 29 37.0 N.
105 10 53.0 W. Average Protected F(50-50)= 3.15 km

DISPLAY DATES
DATA 03-28-08
SEARCH 03-28-08

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR (kW) HAAT (M)	INT (km) COR (M)	PRO (km) LICENSEE	*OUT* (Overlap in km)
297D Loveland	K297AK *	LIC	DC_	0.0 0.0	0.00 BLFT20070316ABO	40 29 37.0 105 10 53.0	0.009 2096	28.1 2096	8.1 Mountain Community Transla	-43.87*
297C1 Wheatland	KPAD	APP	NHX	3.9 183.9	123.44 BMPH20070208AAV	41 36 09.0 105 04 51.0	100.000 285	160.5 2221	62.7 White Park Broadcasting, I	22.14
298C Lakewood	KQKS	LIC	_C_	179.1 359.1	88.59 BLH19991214ABI	39 41 45.0 105 09 54.0	100.000 365	111.9 2081	76.2 Lincoln Financial Media Co	0.08
300C1 Fort Collins	KPAW	CP	NCX	358.7 178.6	44.59 BPH20071204ADE	40 53 42.0 105 11 38.0	100.000 220	10.5 2170	74.2 Jacor Broadcasting Of Colo	-29.78*
300C1 Fort Collins	KPAW	LIC	ZCX	358.7 178.6	44.59 BLH20071113AGE	40 53 42.0 105 11 38.0	100.000 220	10.5 2170	74.2 Jacor Broadcasting Of Colo	-29.78*
296C Bennett	KONN-FM	LIC	NHX	121.3 302.1	120.93 BLH20060403AVJ	39 55 22.0 103 58 18.0	97.000 624	138.3 2109	93.2 Ksir-fm, Llc, Debtor-in-po	12.07
294C0 Denver	KBPI	APP	_CX	183.1 3.1	84.61 BPH20071108ADE	39 43 58.0 105 14 08.0	100.000 408	12.5 2318	86.2 Jacor Broadcasting Of Colo	-1.66*
294C0 Denver	KBPI	LIC	_C_	183.1 3.1	84.61 BLH20071022AXG	39 43 58.0 105 14 08.0	100.000 382	12.3 2292	84.5 Jacor Broadcasting Of Colo	0.02
297C1 Wheatland	KPAD	RSV	___	5.8 185.9	172.47	42 02 18.0 104 58 12.0	100.000 299	161.0 1764	63.1 White Park Broadcasting, I	70.31
295D Masonville	649214	APP	_C_	318.1 138.0	18.52 BNPFT20030317EIK	40 37 03.0 105 19 40.0	0.003 2549	0.1 2549	8.4 Mitchell A. Beranek	9.87
296D Aurora	KONN-FM3	LIC	DC_	163.8 344.0	94.60 BLFTB20050729DSZ	39 40 31.0 104 52 22.0	20.000 1766	59.4 1766	39.8 Ksir-fm, Llc	42.28
297C3 Albin	KKAW	LIC	NC_	39.3 220.0	144.22 BLH20001201ABA	41 29 31.0 104 05 07.0	9.300 162	90.4 1719	28.2 Chisholm Trail Broadcastin	70.08
297C2 Hayden	KQZR	LIC	_C_	271.7 90.3	179.27 BLH20000731ACV	40 31 16.0 107 17 46.0	29.000 198	132.4 2252	52.8 Nrc Broadcasting Mountain	117.16
295D Buford	651392	APP	_C_	358.6 178.6	64.95 BNPFT20030317LVW	41 04 42.0 105 11 59.0	0.034 2388	0.4 2388	12.0 Mary Medicus	52.76
296D Cheyenne	651173	APP	_C_	29.8 210.1	82.10 BNPFT20030317LMI	41 08 00.0 104 41 37.0	0.250 1865	10.1 1865	7.1 Mitchell A. Beranek	55.90
296D Laramie	K296BO	LIC	_CN	344.1 163.9	85.99 BLFT19810724IA	41 14 16.0 105 27 48.0	0.080 244	16.6 2661	11.4 Laramie Plains Antenna Tv	65.61
298D Laramie	K298AE	LIC	DC_	345.0 164.8	85.04 BLFT20010717AAR	41 13 58.0 105 26 42.0	0.040 2724	9.1 2724	6.3 Western Inspirational Broa	69.83
298C2 Wheatland	KPAD	CP	_CX	3.4 183.5	206.27 BNPH20060309ADR	42 20 51.0 105 01 54.0	50.000 127	81.7 1657	55.2 White Park Broadcasting, I	134.93

Terrain database is NGDC 30 SEC Distance + R = 73.215 or FCC Spacings in KM, Distance + M = Margin in KM
Contour distances are on direct line to and from reference station. Reference zone = 2. With 3rd Adj Channels.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
Incoming contour overlap is ignored.

***affixed to 'IN' or 'OUT' values = site inside protected contour.

* This application seeks to amend this licensed translator.

EXHIBIT E-1, FIGURE 2, INTERFERENCE STUDY, KQKS Ch. 298C
K297AK LOVELAND, COLORADO, CHANNEL 297D

FMCommander Single Allocation Study
03-28-2008

K297AK	CH 297 D	KQKS	CH 298 C	BLH19991214ABI
0.01 kW	2096 M COR DA	100.0 kW,	2081 M COR	
Prot. = 60 dBu		Prot. = 60 dBu		
Intef. = 54 dBu		Intef. = 54 dBu		

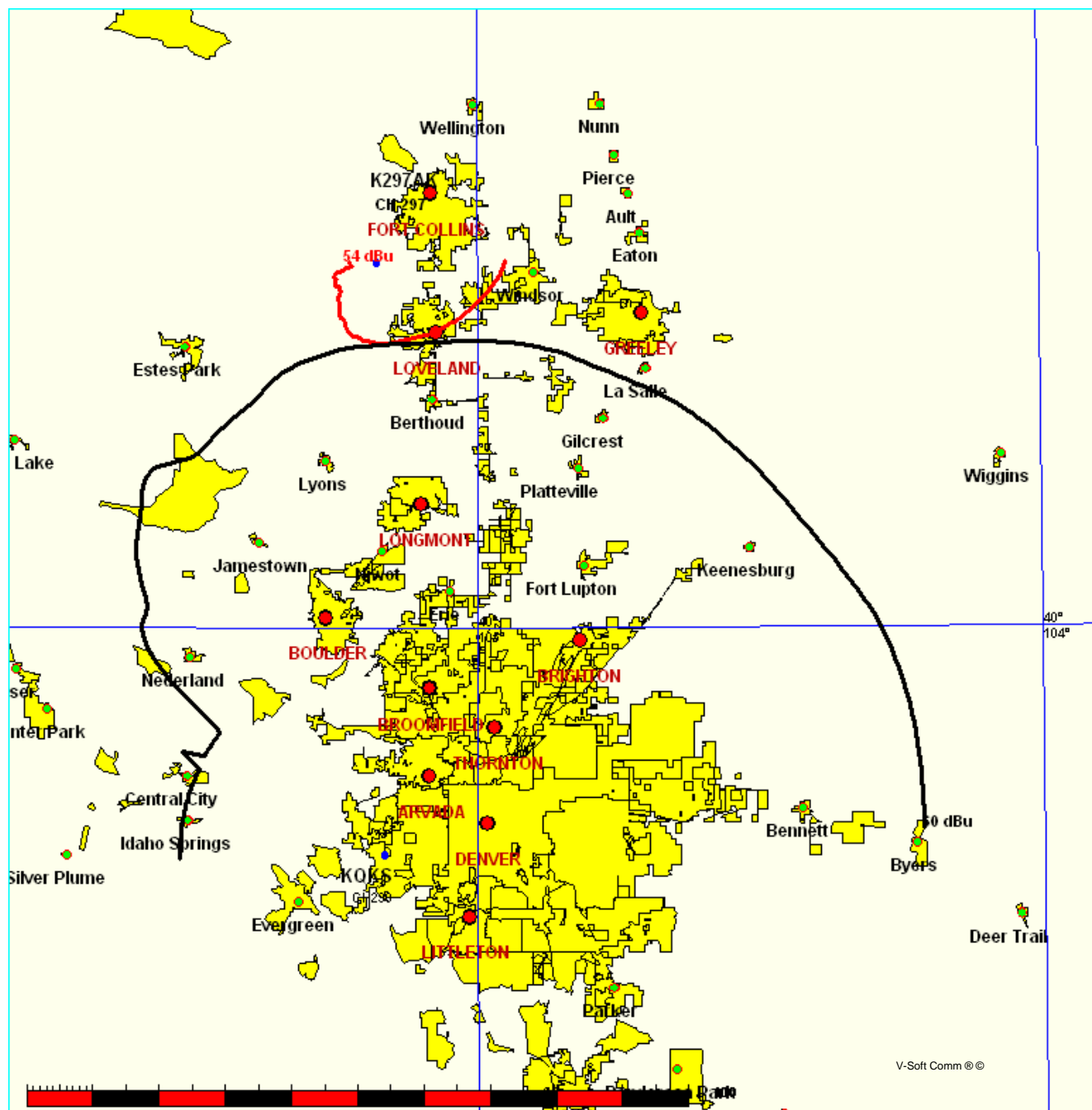
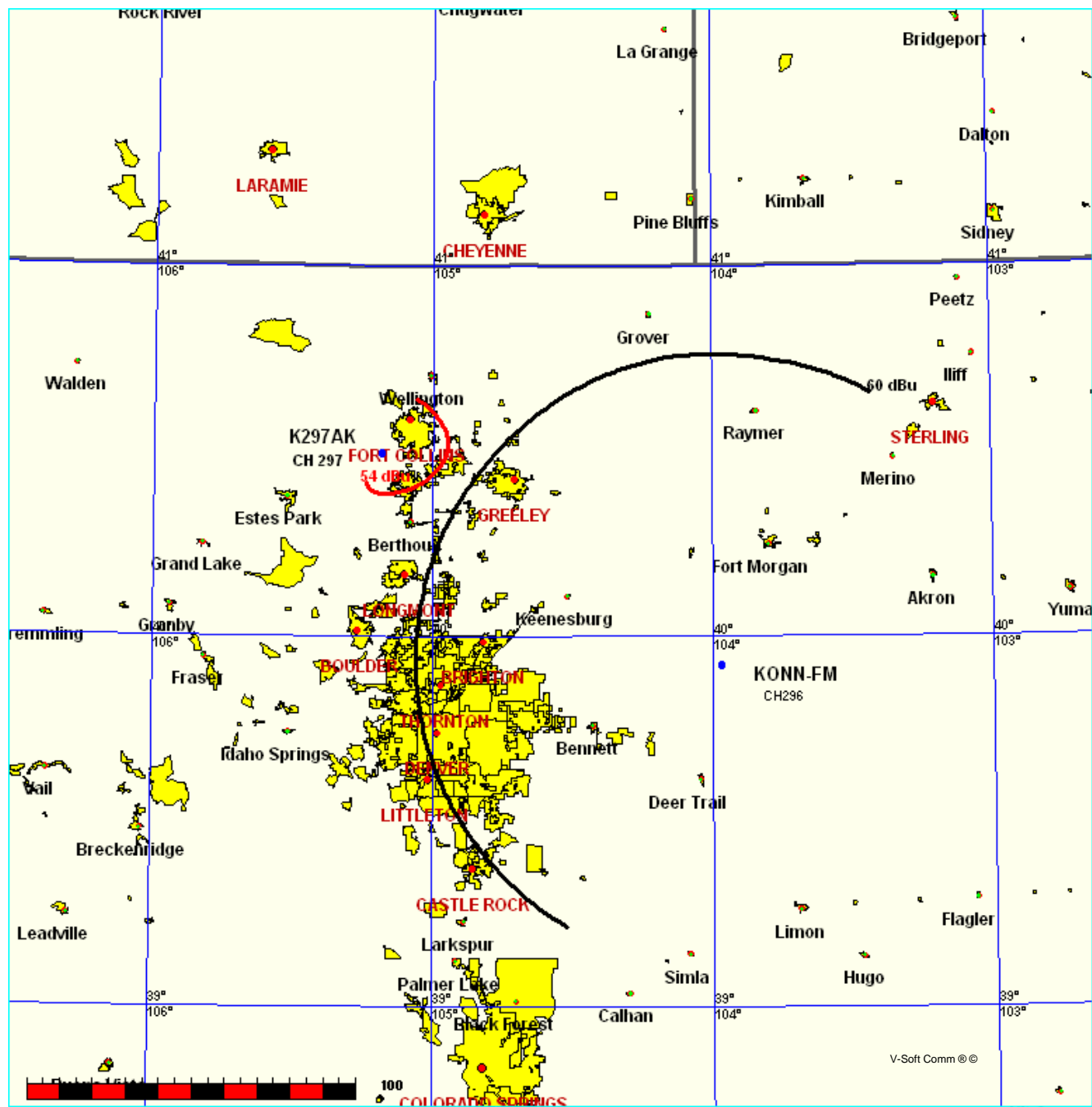


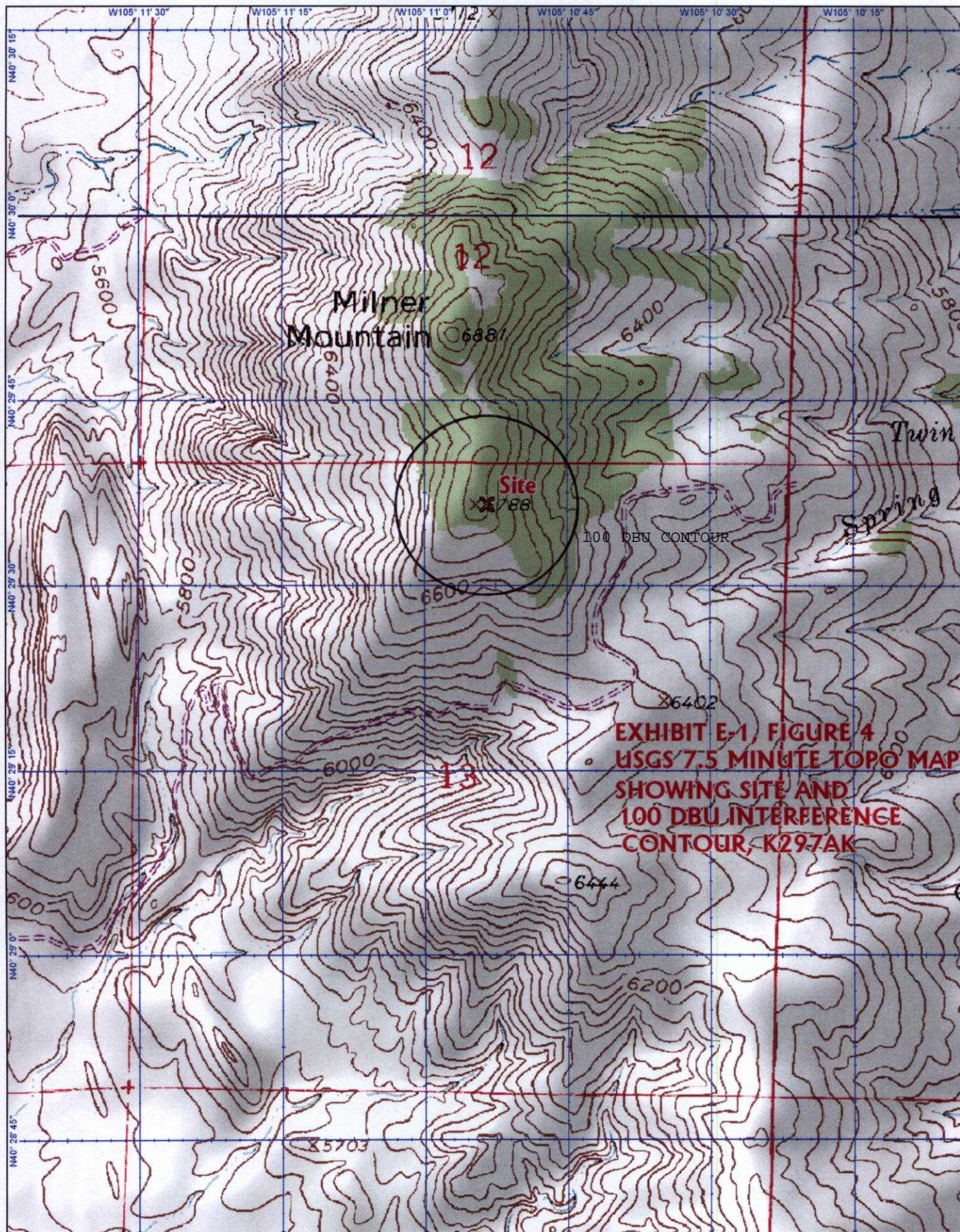
EXHIBIT E-1, FIGURE 3, INTERFERENCE STUDY, KONN CH.296C
K297AK LOVELAND, COLORADO, CHANNEL 297D

FMCommander Single Allocation Study
03-28-2008

K297AK CH 297 D
0.01 kW 2096 M COR DA
Prot. = 60 dBu
Intef. = 54 dBu

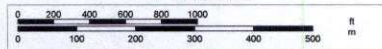
KONN-FM CH 296 C BLH20060403AVJ
97.0 kW, 2109 M COR
Prot. = 60 dBu
Intef. = 54 dBu





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Scale 1 : 12,800
1" = 1070 ft



Contour.out

N. Lat. = 402937.0 W. Lng. = 1051053.0
HAAT and Distance to Contour - FCC Method - NGDC 30 SEC

EXHIBIT E-1, FIGURE 5, DISTANCE TO CONTOURS, K297AK

Azi.	AV EL	HAAT	dBk	60-F5	54-F1	40-F1	100-F1
000	1752.0	344.0	-20.30	10.62	14.95	35.73	0.21
010	1663.2	432.8	-20.30	11.74	17.47	40.91	0.21
020	1616.9	479.1	-20.30	12.17	18.50	43.38	0.21
030	1583.7	512.3	-20.30	12.43	19.11	45.16	0.21
040	1572.5	523.5	-20.21	12.60	19.44	46.02	0.22
050	1562.1	533.9	-20.21	12.70	19.65	46.60	0.22
060	1553.3	542.7	-20.14	12.86	19.93	47.28	0.22
070	1544.0	552.0	-20.00	13.10	20.32	48.18	0.22
080	1537.7	558.3	-20.16	13.03	20.26	48.07	0.22
090	1537.1	558.9	-20.66	12.59	19.61	46.70	0.21
100	1549.8	546.2	-21.39	11.83	18.38	44.09	0.19
110	1563.4	532.6	-22.36	10.93	16.88	40.97	0.17
120	1568.1	527.9	-23.20	10.26	15.75	38.73	0.15
130	1569.9	526.1	-24.05	9.61	14.57	36.66	0.14
140	1577.4	518.6	-24.72	9.10	13.86	34.84	0.13
150	1594.3	501.7	-25.42	8.53	13.07	32.62	0.12
160	1610.4	485.6	-25.95	8.08	12.50	30.91	0.11
170	1596.8	499.2	-26.14	8.01	12.45	31.02	0.11
180	1622.9	473.1	-26.14	7.89	12.25	30.13	0.11
190	1660.6	435.4	-26.14	7.68	11.88	28.86	0.11
200	1698.3	397.7	-26.14	7.44	11.43	27.38	0.11
210	1798.3	297.7	-26.14	6.70	10.00	23.56	0.11
220	1890.8	205.2	-25.90	5.76	8.39	19.86	0.11
230	1961.0	135.0	-25.42	4.88	6.96	15.80	0.12
240	1967.7	128.3	-24.50	5.04	7.16	16.37	0.13
250	1995.0	101.0	-23.84	4.68	6.64	14.67	0.14
260	2122.8	-26.8	-22.76	2.72	3.79	8.64	0.16
270	2152.7	-56.7	-21.66	2.88	4.03	9.23	0.18
280	2062.6	33.4	-20.84	3.16	4.45	10.16	0.20
290	1975.3	120.7	-20.47	6.24	8.76	20.71	0.21
300	1921.0	175.0	-20.30	7.54	10.75	25.48	0.21
310	2079.1	16.9	-20.00	3.15	4.43	10.16	0.22
320	2076.7	19.3	-20.14	3.13	4.40	10.08	0.22
330	1896.4	199.6	-20.21	8.10	11.49	27.23	0.22
340	1981.4	114.6	-20.21	6.19	8.68	20.49	0.22
350	1929.5	166.5	-20.30	7.36	10.47	24.84	0.21

Ave EI = 1759.58 M HAAT= 336.42 M AMSL= 2096

Bearing Field % VoltageGraph is Percent Relative Field Voltage

000	=	0.966
010	=	0.966
020	=	0.966
030	=	0.966
040	=	0.976
050	=	0.976
060	=	0.984
070	=	1.000
080	=	0.982
090	=	0.927
100	=	0.852
110	=	0.762
120	=	0.692
130	=	0.627
140	=	0.581
150	=	0.536
160	=	0.504
170	=	0.493
180	=	0.493
190	=	0.493
200	=	0.493
210	=	0.493
220	=	0.507
230	=	0.536
240	=	0.596
250	=	0.643
260	=	0.728
270	=	0.826
280	=	0.908
290	=	0.947
300	=	0.966
310	=	1.000
320	=	0.984
330	=	0.976
340	=	0.976
350	=	0.966

NICOM BKG77

