

Channel Study Estes Park 265										
REFERENCE 40 25 13 N 105 26 39 W		CH# 265D - 100.9 MHz, Pwr= 0.06 kW, HAAT=0.0 M, COR= 2740 M Average Protected F(50-50)= 4.94 km Ave. F(50-10) 40 dBu= 15.9 54 dBu= 7.0 80 dBu= 1.6 100 dBu= .5							DISPLAY DATES DATA 09-13-03 SEARCH 09-16-03	
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
265D Estes Park	AP265	APP DE CO	0.0 180.0	0.00 BNPFT20030814ABI	40 25 13 105 26 39	0.000 237	2740 2.5	0.0 Educational	-0.54*<	-2.53<
265D Estes Park	AP265	APP DE CO	0.0 180.0	0.00 BNPFT20030313AOM	40 25 13 105 26 39	0.000 237	2740 2.5	0.0 Educational	-0.54*<	-2.53<
266C Denver	ALLO	USE CO	166.9 346.9	78.78 BMLH850717Z1	39 43 45 105 14 06	100.000 -2020	0 1.5	31.0	18.96	46.29
Coordinates updated from LIC record										
266C Denver	KOSI	LIC DC CO	166.9 346.9	78.78 BLH20020118AAJ	39 43 45 105 14 06	16.550 242	2262 1.5	50.7 Entercom	3.25<	26.59 Denver License, L
262C Denver	KIMN	LIC DCY CO	167.0 347.0	85.29 BLH19960205KA	39 40 18 105 13 12	100.000 320	2379 0.0	73.9 Infinity	74.09 Radio	11.37 Operations
262C Denver	ALLO	USE CO	158.5 338.5	87.72 RM9336	39 41 06 105 04 05	100.000 -1665	0 0.0	31.0	83.06	56.74
Coordinates updated from LIC record BLH781218AA										
264C1 Cheyenne	ALLO	USE WY	25.9 205.9	84.08 BLH790806A0	41 06 01 105 00 23	100.000 -2053	0 3.5	31.0	22.99	49.63
Coordinates updated from LIC record										
264C1 Cheyenne	KOLZ	LIC CY WY	25.9 205.9	84.08 BLH19790806A0	41 06 01 105 00 23	100.000 102	2155 3.5	51.2 Citicasters	1.47<	29.40 Licenses, L.p.
264D Lyons	AP264	APP DE CO	121.3 301.3	38.56 BNPFT20030312ADI	40 14 24 105 03 23	0.030 22	1637 10.6	4.1 Educational	26.18 Communi	23.84 cations
268C Hudson	RADD	ADD CO	113.3 293.3	136.84	39 55 27 103 58 25	100.000 -1465	0 0.1	31.0	126.17	105.77
268C Fort Morgan	KBRUFM	CP CO	113.4 293.4	137.06 BPH20020813ABJ	39 55 22 103 58 18	92.000 640	2105 0.1	92.5 On-air	115.76 Family, Lic	44.50
268C Eagle	RDEL	DEL CO	237.1 57.1	138.19	39 44 18 106 47 58	100.000 -2548	0 0.3	31.0	123.11	106.95
268C Eagle	RDEL	DEL CO	237.1 57.1	138.19	39 44 18 106 47 58	100.000 -2548	0 0.3	31.0	123.11	106.95
268C Eagle	KTUN	LIC CY CO	237.1 57.1	138.19 BLH19840427D0	39 44 18 106 47 58	37.000 623	3171 0.3	82.6 Salisbury	116.29 Broadcasting	55.29 Col
WAIIVER OF MINIMUM POWER GRANTED FOR CLASS C										
264D Nederland	AP264	APP C CO	177.9 357.9	58.52 BNPFT20030311AOW	39 53 37 105 25 07	0.010 776	3212 1.1	15.4 Way-fm	33.21 Media Group, Inc.	41.99
265D Steamboat Springs	AP265	APP C CO	272.6 92.6	110.12 BNPFT20030317JUM	40 27 28 106 44 28	0.010 320	3233 15.8	10.4 Edgewater	70.30 Broadcasting	83.92 Inc
264D Granby	AP264	APP DC CO	224.8 44.8	59.48 BNPFT20030313AOY	40 02 24 105 56 11	0.006 -56	2530 9.7	2.8 Educational	49.01 Communi	46.97 cations
262D Boulder	KIMNF1	LIC DC CO	158.9 338.9	54.75 BLFTB20030502AAZ	39 57 37 105 12 46	0.446 119	1762 0.0	16.4 Infinity	51.83 Radio	38.34 Operations
268C Fort Morgan	ALLO	USE CO	114.3 294.3	148.44	39 51 39 103 51 44	100.000 -1504	0 0.1	31.0	137.89	117.37
268C Strasburg	RADD	ADD CO	114.3 294.3	148.44	39 51 39 103 51 44	100.000 -1504	0 0.1	31.0	137.89	117.37
265D Eagle	AP265	APP DC CO	237.2 57.2	138.21 BNPFT20030808ADN	39 44 23 106 48 03	0.000 655	3199 40.1	0.0 Educational	126.26 Communi	98.14 cations
265D Eagle	AP265	APP DC CO	237.2 57.2	138.21 BNPFT20030313ANY	39 44 23 106 48 03	0.000 655	3199 40.1	0.0 Educational	126.26 Communi	98.14 cations

***Affixed to 'IN' or 'Out' values = site inside protected contour.
ERP and HAAT are on direct line to and from reference station. "<" = Contour Overlap

Terrain and Contour Study

N. Lat. = 40 25 13 W. Lng. = 105 26 39

HAAT and Distance to Contour - FCC Method - 03 Arc. Sec.

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	2678.7	61.3	0.0000	-52.22	0.010	0.54
030	2478.5	261.5	0.0002	-36.77	0.059	2.70
060	2280.5	459.5	0.0016	-27.87	0.165	6.70
090	2111.2	628.8	0.0032	-24.91	0.232	9.51
120	2281.0	459.0	0.0015	-28.19	0.159	6.51
150	2503.9	236.1	0.0002	-37.93	0.052	2.41
180	2505.3	234.7	0.0000	-52.22	0.010	0.54
210	2449.6	290.4	0.0001	-40.67	0.038	1.87
240	2405.2	334.8	0.0220	-16.57	0.606	12.98
270	2795.3	-55.3	0.0592	-12.27	0.994	4.92
300	2886.0	-146.0	0.0187	-17.28	0.558	3.68
330	2788.4	-48.4	0.0000	-43.28	0.028	1.52

Ave El= 2513.64 M HAAT= 226.36 M AMSL= 2740

Channel Study
Estes Park 265 vs KOLZ

FMCONT Allocation Study

09-16-2003

AP265 CH 265 D
.06 kW 2740M COR DA
Prot. = 60 dBu
Intef. = 54 dBu

KOLZ CH 264 C1
100kW, 2155 M COR
Prot. = 60 dBu
Intef. = 54 dBu
File # BLH19790806A0

1: 1, 351, 562

