

Channel Study											
REFERENCE		Proposed FMT 258 Breckenridge								DISPLAY DATES	
39 29 44 N		CH#	258D	-	99.5 MHz, Pwr= 0.023 kW, HAAT=0.0 M, COR= 3225 M				DATA 07-19-03		
106 01 44 W		Average Protected F(50-50)= 3.87 km							SEARCH 07-19-03		
		Ave. F(50-10) 40 dBu= 12.4 54 dBu= 5.5 80 dBu= 1.6 100 dBu= .3									
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*	
258C Denver	ALLO	USE CO	66.5 246.5	50.79 RM9396	39 40 35 105 29 09	100.000 -3312	0 5.0	31.0	-81.50<	14.85	
258C Denver	KQMT	LIC DC CO	68.8 248.8	72.94 BLH20020118AAT	39 43 45 105 14 06	23.710 -137	2262 4.7	22.4 Entercom Denver License, L	-27.37<	45.81	
258D Breckenridge	AP258	APP DC CO	0.0 180.0	0.00 BNPFT20030313AMM	39 29 44 106 01 44	0.023 -221	3225 19.1	3.9 Educational	-17.38*<	-22.98*<	
257D Dillon	K257CS	LIC CN CO	346.0 166.0	13.54 BLFT19990205TL	39 36 50 106 04 02	0.035 -39	2861 5.9	4.3 Agm-rocky Mountain Broadca	4.04	3.39	
TRANSLATOR FOR KSKE, VAIL, CO.											
258D Kremmling	AP258	APP DC CO	335.5 155.5	69.48 BNPFT20030313AMB	40 03 50 106 22 06	0.005 -227	2298 10.2	2.7 Educational	59.21	56.62	
258D Aspen	AP258	APP DH CO	243.7 63.7	74.60 BNPFT20030317IHG	39 11 48 106 48 14	0.000 -563	2661 11.1	0.0 Randy M Hudson	71.16	63.53	
258D Old Snowmass	AP258	APP V CO	255.7 75.7	81.80 BNPFT20030311APT	39 18 37 106 56 53	0.005 -117	2697 10.0	2.7 Pitkin County Translator D	70.21	69.16	
258D Basalt	AP258	APP DH CO	256.2 76.2	82.56 BNPFT20030310AYB	39 18 56 106 57 32	0.000 -112	2671 9.9	0.0 Colorado West Broadcasting	79.50	72.67	
258D Aspen	AP258	APP DH CO	256.2 76.2	82.56 BNPFT20030314CKV	39 18 56 106 57 32	0.001 -115	2668 9.9	1.8 Cimarron Communications Co	73.86	70.85	
260D Vail	AP260	APP C CO	293.3 113.3	30.87 BNPFT20030317MUP	39 36 17 106 21 33	0.010 151	3447 0.0	7.1 Mary Medi cus	29.30	23.75	
260D Vail	AP260	APP DV CO	293.5 113.5	39.06 BNPFT20030314CJZ	39 38 05 106 26 47	0.082 -215	2958 0.0	5.4 Cimarron Communications Co	37.09	33.69	
260C Pueblo	KVUU	LIC CY CO	129.3 309.3	130.85 BLH19990311KF	38 44 44 104 51 42	79.000 135	2922 0.0	54.3 Capstar Tx Limited Partner	123.00	76.52	
255C Pueblo	KKMG	LIC CY CO	129.3 309.3	130.89 BLH19951005KA	38 44 43 104 51 41	72.000 161	2946 0.0	56.9 Citadel Broadcasting Compa	122.63	73.98	
260C Pueblo	ALLO	USE CO	129.2 309.2	130.89	38 44 47 104 51 37	100.000 -2780	0 0.0	31.0	126.26	99.91	
Coordinates updated from LIC record BLH6881											
258D Oak Creek	AP258	APP DC CO	319.0 139.0	109.55 BNPFT20030317HEZ	40 14 10 106 52 30	0.000 -31	2819 5.0	0.0 Educational	108.32	104.59	
258D West Glenwood Sprin	K244CO	APP DH CO	273.7 93.7	112.06 BMJPFT20030310AY	39 33 10 107 19 48	0.005 -722	1824 7.0	2.7 Colorado West Broadcasting	101.31	102.43	
258D Estes Park	AP258	APP DE CO	25.7 205.7	114.19 BNPFT20030313AOJ	40 25 13 105 26 39	0.048 189	2740 18.4	11.8 Educational	69.77	83.95	
258D Salida	AP258	APP C CO	179.5 359.5	115.74 BNPFT20030317DHC	38 27 11 106 01 00	0.010 1288	3577 11.3	18.6 Edgewater Broadcasting Inc	42.08	85.78	
260D Arvada	AP260	APP DE CO	61.9 241.9	64.31 BNPFT20030312AHC	39 45 57 105 21 59	0.000 -113	2509 0.1	0.0 Educational	62.58	64.25	
259D Gypsum, Etc.	K259AC	LIC CN CO	292.6 112.6	71.62 BLFT19950329TB	39 44 23 106 48 03	0.249 885	3202 1.6	40.1 Communi ty Radio For Northe	10.23	29.92	
Translator For KUNCFM, Greeley, CO- From Channel 204, Gypsum, CO											
257D Aspen	AP257	APP DH CO	245.8 65.8	74.06 BNPFT20030311AFI	39 13 15 106 48 43	0.000 74	3183 4.8	0.0 Pitkin County Translator D	70.67	69.27	
258D Gunnison	AP258	APP C CO	215.4 35.4	131.45 BNPFT20030317DEE	38 31 41 106 54 14	0.050 11	2636 12.3	4.7 Edgewater Broadcasting Inc	112.59	114.40	
261D Aspen	AP261	APP DH CO	243.7 63.7	74.60 BNPFT20030317IGZ	39 11 48 106 48 14	0.000 -563	2661 0.3	0.0 Randy M Hudson	71.16	74.34	
256C3 Glenwood Springs	ALLO	USE CO	273.2 93.2	111.29 RM	39 32 36 107 19 18	25.000 -2672	0 0.1	22.7	106.58	88.51	

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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*
256C1 Windsor	ALLO	USE CO	41.0 221.0	145.50	40 28 39 104 54 03	100.000 -1507	0 0.1	31.0	140.08	114.45
256C3 Glenwood Springs	KMTS	LIC C CO	272.5 92.5	112.97 BLH19960426KC	39 31 58 107 20 30	10.000 -197	2288 0.1	18.1 Colorado West Broadcasting	108.69	94.74

***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. = 39 29 44 W. Lng. = 106 01 44

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

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5	54-F1	100-F1	111.7-F1
000	2906.6	318.4	0.0010	-30.14	0.205	5.01	7.96	0.07	0.02
030	3007.6	217.4	0.0015	-28.12	0.259	5.08	7.52	0.09	0.02
060	3373.0	-148.0	0.0009	-30.54	0.196	1.76	2.47	0.07	0.02
090	3397.0	-172.0	0.0000	-43.30	0.045	1.52	1.61	0.02	0.00
120	3436.6	-211.6	0.0000	-46.42	0.032	1.06	1.61	0.01	0.00
150	3415.1	-190.1	0.0038	-24.21	0.406	2.51	3.48	0.14	0.04
180	3439.4	-214.4	0.0162	-17.92	0.838	3.54	5.03	0.28	0.07
210	3566.8	-341.8	0.0229	-16.40	0.998	3.87	5.50	0.34	0.09
240	3403.7	-178.7	0.0154	-18.13	0.818	3.50	4.97	0.28	0.07
270	3223.1	1.9	0.0031	-25.07	0.368	2.40	3.33	0.12	0.03
300	3273.0	-48.0	0.0000	-46.78	0.030	1.02	1.61	0.01	0.00
330	2921.8	303.2	0.0001	-42.78	0.048	1.61	2.74	0.02	0.00

Ave El= 3280.30 M HAAT= -55.30 M AMSL= 3225

Channel Study
Proposed FMT 258 Breckenridge vs KQMT

FMCONT Allocation Study

08-09-2003

AP204 CH 258 D
.023 kW 3225M COR DA
Prot. = 60 dBu
Intef. = 40 dBu

KQMT CH 258 C
100kW, 2262 M COR DA
Prot. = 60 dBu
Intef. = 40 dBu
File # BLH20020118AAT

1: 3, 350, 000

