

Optima Communications, Inc.

REFERENCE 38 42 10 N 104 50 00 W	Special Reference Point CLASS = C2 Current Spacings ----- Channel 288 - 105.5 MHz -----	DISPLAY DATES DATA 10-22-03 SEARCH 10-24-03
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Call	Channel	Location	Dist	Azi	FCC	Margin	
ADD-C2	RM	288C2	Security	CO	0.00	0.0	189.5 Special Ref
KSKX	LIC	288C3	Security	CO	5.23	332.3	176.5 C3 License
ALLO	VAC	288C3	Genoa	CO	153.29	59.8	176.5 -23.21 to 291
KXKLFM	LIC	286C	Denver	CO	104.79	342.1	104.5 0.29
KALC.C	CP	290C	Denver	CO	119.51	343.3	104.5 15.01
KALC	LIC-D	290C	Denver	CO	119.57	343.3	104.5 15.07
KVAY	LIC	289C1	Lamar	CO	176.25	111.3	157.5 18.75
KIMX.A	APP-N	288C2	Timnath	CO	216.78	348.9	189.5 27.28
ALLO	VAC	285A	Rye	CO	87.11	185.6	54.5 32.61
ALLO	RSV	288C2	Timnath	CO	229.04	351.5	189.5 39.54
ALLO	VAC	287C	Des Moines	NM	232.50	157.6	187.5 45.00
ALLO	VAC	287A	Center	CO	153.68	226.8	105.5 48.18
KWGL	LIC	289C	Ouray	CO	250.14	262.8	187.5 62.64
KWGL.C	CP	289C	Ouray	CO	250.14	262.8	187.5 62.64
KIMX.C	CP	288C2	Laramie	WY	270.29	346.1	189.5 80.79
KRKFSM	CP	234C	Lafayette	CO	121.83	332.8	34.5 87.33
Alt	RM	291C3	Genoa	CO	147.53	64.6	55.5 92.03 ALT

SUBSTITUTE CH. 291C3 FOR 288C3 AT GENOA, CO.

CHANNEL STUDY - 288C2 - C2 UPGRADE REFERENCE

OPTIMA COMMUNICATIONS, INC. - KSKX(FM)

SECURITY, COLORADO

MULLANEY ENGINEERING, INC.
GAITHERSBURG, MARYLAND

FIGURE 4A
OCTOBER 2003