

Academy Communications

Walsenburg 207

REFERENCE
37 38 27.0 N.
104 46 13.0 W.

CH# 207A - 89.3 MHz, Pwr= 2 kW, HAAT= 112.2 M, COR= 2018 M
Average Protected F(50-50)= 23.31 km

DISPLAY DATES
DATA 10-06-07
SEARCH 10-08-07

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT* (Overlap in km)
207A Westcliffe Amended 980213	KTAW	CP CO	_VX	251.8 71.7	4.75 BPED19971112MD	37 37 39.0 104 49 17.0	2.700 111	90.7 2065	33.5 Educational	-97.97*<	-74.15*<
208C3 Pueblo	KTSC-FM	LIC CO	_CN	12.7 192.8	76.23 BLED19880401KB	38 18 38.0 104 34 40.0	8.000 55	44.7 1544	28.7 Colorado	1.78	2.68 State University
209C2 Rye	KJWA	CP CO	DCX	107.3 287.5	36.54 BPED19970702MG	37 32 34.0 104 22 31.0	9.800 207	2.3 1978	24.6 Way-fm	9.33	9.72 Media Group, Inc.
209A Trinidad	KJWA	APP CO	_CX	153.2 333.4	50.19 BMPED20070620ABW	37 14 14.0 104 30 52.0	0.900 241	1.9 2176	27.8 Way-fm	28.16	20.49 Media Group, Inc
210C2 Pueblo	KFRY	LIC CO	_CX	320.9 140.6	57.51 BLED20061011ADQ	38 02 29.0 105 11 05.0	0.870 647	1.8 3542	23.9 Family	29.64	31.35 Stations, Inc.
206C3 Canon City	KTLC	LIC CO	_CX	342.7 162.4	129.81 BLED20021001ABS	38 45 21.0 105 13 02.0	1.150 450	63.5 3175	41.5 Educational	38.56	46.55 Communications
204C1 Manitou Springs	KCME	LIC CO	_CY	356.3 176.3	122.76 BLED19990203KA	38 44 40.0 104 51 41.0	12.000 668	6.9 2918	79.2 Cheyenne	87.09	41.15 Mountain Public B
206A La Junta	KRLJ	LIC CO	_CN	69.9 250.6	111.32 BLED20000607ACN	37 58 43.0 103 34 48.0	0.740 91	24.4 1380	16.4 The Colorado	57.21	50.18 College
204C1 Alamosa	KRZA	LIC CO	_CN	231.9 51.2	139.95 BLED19851209KG	36 51 32.0 106 00 28.0	9.800 633	6.2 3216	73.4 Equal	117.41	64.89 Representation Of Me
TRANSMITTER LOCATED SAN ANTONIO MTN, NM. (42 MILES S OF ALAMOSA)											
210A Raton	AP2504	APP NM	_CX	159.1 339.4	92.72 BNPED20000201ACM	36 51 36.0 104 23 55.0	0.250 71	1.1 2028	7.1 American	74.38	83.90 Family Associatio
06Z2 Des Moines	NEW	AP NM	_HN	140.5 321.0	125.98 BPRM20011009AEH	36 45 48.0 103 52 12.0	0.000	0	0.0 Sierra	14.1R	111.9M Grande Broadcasting

Terrain database is NGDC 30 SEC

ERP and HAAT are on direct line to and from reference station.

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.

"<" = Contour Overlap

Terrain and Contour Study

N. Lat. = 373827.0 W. Lng. = 1044613.0

HAAT and Distance to Contour - FCC Method - NGDC 30 SEC

Walsenburg 207

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5	54-F1	40-F1
000	1832.2	185.8	2.0000	3.01	1.000	29.05	43.78	83.09
045	1823.3	194.7	2.0000	3.01	1.000	29.69	44.76	84.21
090	1853.3	164.7	2.0000	3.01	1.000	27.52	41.51	80.29
135	1910.0	108.0	2.0000	3.01	1.000	22.90	34.26	71.33
180	1991.2	26.8	2.0000	3.01	1.000	12.00	17.38	45.40
225	1963.2	54.8	2.0000	3.01	1.000	16.22	24.07	58.93
270	1986.6	31.4	2.0000	3.01	1.000	12.23	17.80	46.45
315	1886.5	131.5	2.0000	3.01	1.000	24.92	37.60	75.30

Ave El= 1905.77 M HAAT= 112.23 M AMSL= 2018