

Helena, Montana

46 44 52.0 N.  
112 19 47.0 W.

DATA 05-02-09  
SEARCH 05-02-09

CH CITY	CALL	TYPE	ANT STATE	AZI --	DI ST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (OverLap in km)	*OUT*
203C1 Helena 9/24/2008:	1210676	APP MT	EX on channel	0.0 0.0	0.00 BNPED20071022APB	46 44 52.0 112 19 47.0	5.000 584	147.3 2260	65.5 Last Chance Public Radio A	-212.87*	-212.87*
Accepted on channel 203C1 by Industry Canada in 9/5/2008 letter. Note: not specially negotia											
06+2C Butte	KTVM	LI MT	HN on channel	186.0 5.9	82.74 BLCT1991	46 00 27.0 112 26 30.0	100.000 591	78.6 2566	129.3 Bluestone License	245.5R	-125.1M Holdings
06 2C Butte	KTVM	AP MT	HN on channel	186.0 5.9	82.74 BDSTA20090330AHI	46 00 27.0 112 26 30.0	11.200 591	78.6 2566	101.4 Bluestone License	245.5R	-97.2M Holdings
06 2C Butte	KTVM	CP MT	HN on channel	186.0 5.9	82.74 BPCDT20080314ADF	46 00 27.0 112 26 30.0	11.200 591	78.6 2566	101.4 Bluestone License	245.5R	-97.2M Holdings
202C1 Montana City 7/29/2008:	1207065	APP MT	DEX on channel	176.5 356.5	19.64 BNPED20071018ADT	46 34 17.0 112 18 51.0	14.408 341	56.7 2079	38.2 Calvary Chapel Of Helena,	-86.48*<	-92.63*<
Accepted on channel 202C1 by Industry Canada in 7/14/2008 letter. Note: not specially negoti											
203C2 Bozeman	1213879	APP MT	DVX on channel	151.8 332.4	123.35 BNPED20071022ALF	45 46 04.0 111 34 45.0	18.000 188	96.6 1584	37.1 Family Stations, Inc.	-32.55<	-52.71<
203A Willowcreek	1212648	APP MT	CX on channel	152.6 333.1	115.39 BNPED20071018AQU	45 49 28.0 111 38 44.0	0.100 -79	18.6 1291	5.6 Willow Creek School Distri	38.00	-28.59<
201A Helena 10/31/2008:	1213182	APP MT	CX on channel	84.2 264.5	23.59 BNPED20071019AMV	46 46 07.0 112 01 21.0	0.200 195	1.0 1504	14.2 Western Family Television,	-26.11*<	7.59
Accepted on channel 201A by Industry Canada in 10/16/2008 letter. Note: not specially negot											
206A Helena Valley 9/24/2008:	1214409	APP Ne-nw MT	DCX on channel	83.9 264.1	23.56 BNPED20071022AEO	46 46 11.0 112 01 23.0	0.040 227	0.4 1530	10.4 Helena Adventist Education	-25.41*<	11.37
Accepted on channel 206A1 by Industry Canada in 9/5/2008 letter. Note: not specially negotia											
203C2 Emigrant	1224955	APP MT	VX on channel	132.3 313.6	187.95 BNPED20071019ANF	45 35 51.0 110 32 45.0	5.000 258	134.0 2026	55.7 Montana State University -	-6.75<	-8.54<
203A Bozeman	1206589	APP MT	CX on channel	140.1 321.1	155.75 BNPED20071017AAJ	45 39 59.0 111 02 47.0	0.500 -101	56.9 1528	17.8 Board Of Regents - Montana	38.88	-1.85<
206C3 East Helena 8/12/2008:	1224945	APP MT	DVX on channel	79.6 260.1	48.57 BNPED20071019ALU	46 49 29.0 111 42 13.0	0.170 672	0.8 2398	37.3 Montana State University -	1.25	9.61
Accepted on channel 206B1 by Industry Canada in 7/22/2006 letter. Note: not specially negoti											
202B1 Toston	1214395	APP MT	CX on channel	138.2 318.8	95.16 BNPED20071019AVR	46 06 26.0 111 30 30.0	0.100 -34	8.0 1287	5.6 Broadwater County Disaster	27.66	1.60<
202C2 Missoula Vertical Polarization Only	KJCG	CP MT	VX on channel	273.4 92.2	125.62 BPED19970716MA	46 48 09.0 113 58 21.0	1.000 636	53.8 1902	35.4 The Moody Bible Institute	20.06	12.39
204C2 Victor 8/12/2008:	1310485	APP MT	DEX on channel	249.1 67.7	157.12 BNPED20071019AUF	46 13 47.0 114 14 01.0	50.000 69	96.7 1669	65.8 Bitterroot Valley Calvary	13.22	20.87
Accepted on channel 204B (0.25 kW ERP & 100 m HAAT) by Industry Canada in 7/22/2006 letter. Note: not specially negotiated.											
204A Choteau 8/12/2008:	KUDI	CP MT	CX on channel	5.5 185.6	118.28 BNPED20071019ATT	47 48 24.0 112 10 43.0	0.110 -36	8.2 1168	5.8 New Life Assembly Church	44.45	15.79
Accepted on channel 204A1 (0.25 kW ERP & 100 m HAAT) by Industry Canada in 7/22/2006 letter. Note: not specially negotiated.											
204C3 Florence 9/15/2008:	1204888	APP MT	DVX on channel	249.2 67.8	157.24 BNPED20071018ALD	46 13 48.0 114 14 08.0	5.000 129	88.3 1710	59.8 Missoula Community Radio	21.74	26.99
Accepted on channel 204B1 by Industry Canada in 8/29/2008 letter. Note: not specially negot											
205C1 Butte	KFRD	LIC MT	VX on channel	186.0 5.9	82.74 BLED20060418AEL	46 00 27.0 112 26 30.0	2.800 527	3.4 2507	52.9 Family Stations, Inc.	28.06	25.52
201C2 Butte	1200733	APP MT	VX on channel	186.0 5.9	82.90 BNPED20071022ASH	46 00 22.0 112 26 33.0	1.100 528	2.2 2507	43.7 Queen Of Victory Education	29.41	34.91
201A Anaconda 9/2/2008:	1213783	APP MT	CX on channel	213.7 33.2	82.57 BNPED20071019BDT	46 07 43.0 112 55 24.0	0.125 -196	0.8 1636	11.6 Hi-Line Radio Fellowship,	31.30	66.75
Accepted on channel 201A1 by Industry Canada in 8/20/2008 letter. Note: not specially negotia											

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DI ST FI LE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LI CENSEE	*IN* (Overlap in km)	*OUT*
201A Butte	1215851	APP MT	_CX	188.9 8.8	89.45 BNPED20071022BKC	45 57 10.0 112 30 34.0	0.500 -209	1.6 1704	8.5 Mission Valley Christian F	37.91	76.75
205A Great Falls Accepted by Canada	KGFC	LI C MT	_CN	42.4 223.1	108.67 BLED19960311KG	47 27 53.0 111 21 24.0	6.000 74	2.7 1140	27.4 Hi-line Radio Fellowship,	42.90	77.61
205A Great Falls	KGFC	CP MT	_CX	42.4 223.1	108.74 BPED20080623ACW	47 27 52.4 111 21 17.8	6.000 74	2.7 1142	27.6 Hi-line Radio Fellowship,	42.97	77.48
204A Bozeman	1202553	APP MT	_EX	136.2 317.2	164.28 BNPED20071022ASF	45 40 24.2 110 52 04.2	0.900 236	41.6 2090	27.5 Guild Of St. Peter Educati	63.12	48.83
201A Bel t 5/12/2008:	KGfJ	CP MT	DCX	56.9 237.8	106.98 BNPED20071012ACF	47 15 57.0 111 08 39.0	1.000 88	0.5 1430	8.8 Calvary Chapel Of Twin Fal	50.37	95.49
Accepted on channel 201A by Industry Canada in letter dated 4/28/2008, not specially negotiat ed.											
203C1 Rocky Boy's Reserv. 5/13/2008:	KHEW	CP MT	_CX	50.3 232.3	254.82 BNPED20071019AQZ	48 10 42.0 109 41 21.0	16.000 481	142.4 1850	60.7 Chippewa Cree Tribe Of The	53.50	57.59
Accepted on channel 203C1 by Industry Canada in 5/12/2008 letter, not specially negotiated.											

-----  
Terrain database is USGS 03 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)  
"\*" affixed to 'IN' or 'OUT' values = site inside protected contour.  
"<" = Contour Overlap  
Reference station has protected zone issue: Canada