

## KMTJ(FM) Columbus, MT

Section 73.509 Channel Overlap Tabulations

REFERENCE  
45 37 13.0 N.  
109 15 29.0 W.

CH# 208A - 89.5 MHz, Pwr= 0.1 kW DA, HAAT= 2.1 M, COR= 1232 M  
Average Protected F(50-50)= 5.64 km  
Standard Directional

DISPLAY DATES  
DATA 07-25-11  
SEARCH 07-26-11

CH CITY	CALL	TYPE ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
208A KMTJ Columbus		CP DVX MT	30.9 210.9	2.0 BNPED20071019AUX	45 38 08.0 109 14 42.0	0.200 -121	21.9 1101	6.6 Hi-Line Radio Fellowship I	-24.2*	-18.3*
209C3 KBL Park City		LIC DVX MT	55.8 236.1	46.4 BLED20060530AIO	45 51 12.0 108 45 50.0	2.700 160	39.6 1314	26.1 Educational Media Foundati	2.7	14.4
207A KLMT Billings		LIC_EX MT	75.4 256.0	64.5 BLED20030121AAQ	45 45 48.0 108 27 20.0	0.980 161	41.7 1205	27.5 Western Inspirational Broa	18.3	30.6
207A KLMT Billings		CP_CX MT	75.4 256.0	64.5 BPED20110428ABX	45 45 48.0 108 27 20.0	0.980 161	41.7 1205	27.5 Western Inspirational Broa	18.3	30.6
207A KYPB Big Timber		LIC_CX MT	285.2 104.7	56.1 BLED20101027ACA	45 45 01.0 109 57 16.0	0.500 126	30.9 1527	20.9 Montana State University -	19.6	27.3
208C1 KYPF Stanford		LIC_CX MT	353.1 172.9	174.4 BLED20091118AES	47 10 39.0 109 32 09.0	4.000 576	133.7 1779	55.9 Montana State University -	35.8	102.6
205A KYWH Lockwood		LIC DVX MT	55.8 236.1	46.4 BLED20060127ANY	45 51 12.0 108 45 50.0	1.900 138	0.6 1292	9.9 Fresh Life Church, Inc.	41.6	36.0
211A KBLW Billings		LIC_CX MT	75.7 256.3	64.7 BLED20060320AGX	45 45 37.0 108 27 09.0	0.450 137	1.5 1187	22.2 Hi-Line Radio Fellowship,	58.6	42.1
206C1 KNWT Cody		LIC DCX WY	176.2 356.2	125.2 BLED20101013AAK	44 29 46.0 109 09 09.0	18.500 547	7.3 2333	69.2 Northwest Community Colleg	112.8	55.5
208C KWRR Ethete		LIC_CX WY	160.3 341.0	254.7 BLED20021007AAE	43 27 30.0 108 11 39.0	85.000 555	191.8 2330	88.9 Business Council Of The No	58.1	150.4

Terrain database is NGDC 30 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM  
Contour distances are on direct line to and from reference station. Reference zone= , Co to 3rd adjacent.  
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.  
« = Station meets FCC minimum distance spacing for its class.