

Montana State University-billings
Billings, Montana

REFERENCE
45 38 44.0 N.
111 01 14.0 W.

CH# 240D - 95.9 MHz, Pwr= 0.25 kW, HAAT= -96.1 M, COR= 1568 M
Average Protected F(50-50)= 7.09 km

DISPLAY DATES
DATA 02-20-08
SEARCH 03-04-08

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*
240C3 Bozeman	VA9453	VAC	___N MT	340.2 160.2	4.07	45 40 48.0 111 02 18.0	25.000 100	99.8 1708	22.7	-110.49*	-67.24*
240D Livingston Translator for KATH, Bozeman, MT.	K240CO	LIC	DCN MT	73.5 253.7	20.53 BLFT19961104TC	45 41 51.0 110 46 04.0	0.027 377	24.7 2212	5.8 Reier Broadcasting Company	-5.82*	10.04
294D Bozeman Translator For KBMC, Bozeman, MT	K294AC	LIC	DCN MT	29.4 209.4	6.03 BLFT19940707TA	45 41 34.0 110 58 57.0	0.230 10	18.1 1730	5.5 Montana State University-b	9.5R	-3.5M
238C Butte	KMBR	LIC	_CN MT	290.6 109.6	117.55 BLH19800128AE	46 00 29.0 112 26 30.0	50.000 555	11.3 2544	86.9 Ccr-butte Iv, Lic	93.63	29.72
240D Big Sky Translator for KBMC, Bozeman, MT	K240CI	LIC	DCN MT	215.2 35.0	50.59 BLFT19921117TC	45 16 25.0 111 23 36.0	0.010 198	8.0 2652	2.5 Montana State University -	40.99	44.10

Terrain database is NGDC 30 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.
Reference station has protected zone issue: Canada