

EXHIBIT E-1, FIGURE 1, INTERFERENCE STUDY

REFERENCE
42 51 29.0 N.
105 14 03.0 W.

CH# 204C3 - 88.7 MHz, Pwr= 7 kW, HAAT= 72.7 M, COR= 1630 M
Average Protected F(50-50)= 25.25 km

DISPLAY DATES
DATA 10-17-07
SEARCH 10-17-07

CH CITY	CALL	TYPE STATE	ANT ---	AZI <--	DIST FILE #	LAT LNG	PWR (kW) HAAT (M)	INT (km) COR (M)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
257C3 Douglas	KKTY-FM	RSV WY	---	239.2 59.0	28.13	42 43 42.0 105 31 46.0	25.000 100	110.7 1723	43.2 Douglas Broadcasting	13.5R	14.6M
257C3 Douglas	KKTY-FM	APP WY	NCX	239.2 59.0	28.13 BPH20070705AIW	42 43 42.0 105 31 46.0	9.100 162	110.7 1780	43.2 Douglas Broadcasting, Inc	13.5R	14.6M
257A Douglas	KKTY-FM	LIC WY	_CN	239.2 59.0	28.13 BLH19840320AC	42 43 42.0 105 31 46.0	0.810 162	110.7 1780	43.2 Douglas Broadcasting	11.5R	16.6M
06+2E Casper	KPTW	CP WY	DHN	262.3 81.5	92.98 BPET19960624KT	42 44 26.0 106 21 34.0	0.331 536	2501	25.2 Central Wyoming College	59.2R	33.8M
206C1 Casper	KLWC	CP WY	_VX	261.6 80.9	90.97 BPED20070420ABI	42 44 03.0 106 20 00.0	2.700 564	3.1 2527	41.8 Educational Media Foundati	62.11	46.59
206C2 Casper	KLWC	LIC WY	_VX	261.6 80.9	90.97 BLED20050614AAF	42 44 03.0 106 20 00.0	1.500 564	2.5 2527	37.2 Educational Media Foundati	62.79	51.26
202C3 Casper	990311MN	CP WY	NVX	262.3 81.5	92.98 BPED19990311MN	42 44 26.0 106 21 34.0	0.500 526	1.6 2464	24.9 Wcn, Inc.	65.86	65.52
205A Gillette	KLOF	LIC WY	_C_	352.9 172.8	151.33 BLED20000803AAI	44 12 34.0 105 28 04.0	0.430 134	27.6 1562	18.7 Educational Media Foundati	96.63	90.68
205A Gillette	KLOF	CP WY	_CX	352.9 172.8	151.33 BPED20070625ABW	44 12 34.0 105 28 04.0	0.440 121	26.5 1549	17.9 Educational Media Foundati	97.73	91.44
204A South Greeley	KEZF	APP WY	_CX	174.9 355.0	195.98 BPED20070514AFO	41 06 02.0 105 01 29.1	0.500 129	57.7 2153	18.1 Cedar Cove Broadcasting, I	115.12	96.25
206C1 Scottsbluff	KDAI	CP NE	_CX	132.4 313.3	153.73 BNPED19991116AIU	41 55 06.0 103 51 49.0	100.000 76	6.0 1336	52.0 Educational Media Foundati	120.47	99.00
258C3 Chugwater	KCUG	CP WY	NCX	164.0 344.3	125.90 BMPH20070619ABG	41 46 04.0 104 49 00.0	9.600 73	110.7 1724	43.2 White Park Broadcasting, I	13.5R	112.4M
205A Laramie	KAIW	CP WY	_CX	197.6 17.1	181.82 BPED20060810AJR	41 17 46.0 105 53 30.0	1.150 197	44.6 2459	29.5 Educational Media Foundati	115.61	120.18
06ZT Gillette	K06JM	LI WY	D_N	346.7 166.4	159.78 BLTVA20031223ACO	44 15 24.0 105 41 40.0	3.000 150	1525	1.5 Duhamel Broadcasting Enter	22.2R	137.5M

Terrain database is NGDC 30 SEC Distance + R = FCC Required Spacings in KM, Distance + M = Margin in KM
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.