

FIGURE 1 - DETAILED CHANNEL INTERFERENCE STUDY, CH. 226D
 Robert R. Rule D.b.a. Rule Communications, BIG PINEY, WY
 CH# 226D - 93.1 MHz, Pwr= 0.25 kw, HAAT= -22.8 M, COR= 2106 M
 Average Protected F(50-50)= 7.09 km
 Omni-directional

DISPLAY DATES
 DATA 07-18-13
 SEARCH 07-20-13

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	*OUT* in km)
226C1 Riverton	KTRZ	LIC _CN	WY	82.8 264.1	162.37 BLH19841205KR	42 43 10.0 108 08 41.0	100.000 269	188.2 2235	84.6 Carol Carroll	-33.0	54.1
223D Big Piney	650371 **	APP _C_	WY	0.0 0.0	0.00 BNPFT20030317KRS	42 33 09.7 110 06 41.2	0.250 -23	1.1 2106	7.1 Robert R. Rule D.b.a. Rule	-8.2	-8.2 **
223D Big Piney	650374 *	APP _C_	WY	0.0 0.0	0.00 BNPFT20030317KSD	42 33 09.7 110 06 41.2	0.250 -23	1.1 2106	7.1 Robert R. Rule D.b.a. Rule	-8.2	-8.2 *
228C1 Jackson	KJAX	LIC NCX	WY	332.9 152.5	113.64 BLH20121219AAP	43 27 40.0 110 45 09.0	90.000 315	10.1 2479	72.4 Rp Broadcasting Ls, Llc	96.5	38.3
226C1 Iona	KEZQ	CP _CX	ID	297.8 116.1	233.04 BPH20130304ABO	43 30 03.0 112 39 43.0	37.000 440	164.3 2009	71.6 Chaparral Broadcasting, In	61.6	137.8
228C2 James Town	KMGQ	CP _CX	WY	150.6 331.1	126.60 BNPH20120529ALM	41 33 30.0 109 21 50.0	4.000 272	3.1 2323	34.5 Kona Coast Radio, Llc	114.9	89.4
225C1 Logan	KBLQ-FM	LIC _CX	UT	242.1 61.0	159.25 BLH20040129AJH	41 52 18.0 111 48 31.0	100.000 63	59.1 1746	31.0 Sun Valley Radio, Incorpor	93.1	112.9
225C West Yellowstone	KEZQ	LIC _CN	MT	334.8 153.9	247.72 BLH19990625KA	44 33 41.0 111 26 32.0	46.000 833	138.5 3004	95.1 Chaparral Broadcasting, In	102.1	142.8
228D Laketown	K228EP	LIC _C_	UT	232.4 51.6	121.16 BLFT20070924ABK	41 52 57.0 111 16 09.0	0.010 321	0.2 2300	9.1 Sun Valley Radio, Inc.	113.9	110.8
279C3 Victor	KVRG«	LIC _C_	ID	327.0 146.4	124.83 BLH20060811AWF	43 29 27.0 110 57 16.0	0.821 331	0.0 2644	0.0 Jackson Radio Group, Inc.	12.0R	113.3M
229C Pocatello	KZBQ	LIC _C_	ID	280.9 99.2	199.78 BMLH20000616AAS	42 51 57.0 112 30 46.0	100.000 300	9.0 1821	67.3 Idaho wireless Corporation	183.6	125.7
280C1 Fort Bridger	KNYN«	CP _HX	WY	206.6 26.0	148.76 BPH20070119AEV	41 21 10.0 110 54 31.0	34.000 453	0.0 2625	0.0 M. Kent Frandsen	22.0R	127.3M
227C Salt Lake City	KUBL-FM	LIC _CX	UT	220.2 38.8	273.07 BLH20021203ACG	40 39 34.0 112 12 05.0	25.000 1140	138.7 2803	95.1 Radio License Holding Cbc,	127.4	167.2
225D Tremonton	KBLQ-FM1	LIC DC_	UT	243.6 62.1	196.36 BLFTB20091201AOZ	41 44 54.0 112 13 37.0	11.400	39.9 1764	25.8 Sun Valley Radio, Inc.	149.5	160.1
280A Smithfield	KGNT«	CP NCX	UT	239.8 58.7	161.35 BPH20120203AAC	41 48 44.0 111 47 30.0	6.000 -47	0.0 1677	0.0 Frandsen Media Company, L	10.0R	151.9M
280A Smithfield	KGNT«	LIC _CN	UT	239.8 58.7	161.37 BLH19830311AK	41 48 44.0 111 47 31.0	3.000 -40	0.0 1666	0.0 Frandsen Media Company, L	10.0R	151.9M
223C3 Naples	KCUA	LIC _CX	UT	171.2 351.4	226.41 BLH20040908AAF	40 32 16.0 109 41 57.0	0.840 506	1.6 2637	13.3 Evans Broadcasting, Inc.	215.8	201.9
223C2 South Jordan	KUUU	LIC _CX	UT	220.2 38.8	273.03 BLH20080819AAM	40 39 35.0 112 12 04.0	0.500 1198	1.6 2779	53.7 Simmons-slc, Ls, Llc	264.4	217.9
224A Rawlins	KIQZ	LIC _CN	WY	109.2 291.1	252.87 BLH19811119AI	41 46 16.0 107 14 15.0	3.000 91	2.0 2237	20.5 Mt. Rushmore Broadcasting,	243.8	227.0
228C Burley	KZDX	CP ZCX	ID	266.4 84.0	288.37 BPH20110616ACJ	42 20 06.0 113 36 15.0	27.000 747	3.2 2536	56.8 Lee Family Broadcasting, I	278.1	230.0
229C1 Craig	KRAI-FM	LIC _CN	CO	135.7 317.4	302.95 BLH6997	40 34 35.0 107 36 29.0	100.000 299	8.2 2315	63.7 Wild West Radio, Inc.	287.1	235.8
229C Mount Pleasant	KUTC	CP ZCX	UT	204.5 23.4	328.13 BMPH20130318AGN	39 51 15.0 111 42 17.0	48.000 711	9.2 2880	70.7 Sanpete County Broadcastin	311.9	243.3
225C2 Mona	KPUT	CP ZCX	UT	206.7 25.5	348.88 BNPH20120509AEY	39 43 58.0 111 56 35.0	16.000 266	93.0 2009	62.5 Alex Media, Inc.	248.8	274.6
229C Mount Pleasant	AL1834	RSV-A	UT	197.8 17.0	340.21 RM11149	39 37 52.0 111 19 47.0	100.000 600	12.5 3093	85.5	319.9	252.9
228C1 Casper	KWYX	LIC _CX	WY	84.9 267.4	312.56 BMLH20100607AFR	42 44 28.0 106 18 31.0	3.800 530	3.7 2497	45.6 Cochise Broadcasting Llc	301.8	257.8

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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*
223C2 Bar Nunn	KDAD	LIC _CX WY		84.8 267.4	312.75 BLH20110811ABT	42 44 30.0 106 18 23.0	3.100 521	3.3 2489	43.1 The Casper Radio Group, In	302.3	259.8

Terrain database is NGDC 30 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone= West Zone, Co to 3rd adjacent.
All separation margins (if shown) include rounding
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.

* Application being amended by this application.
** This application is amending to specify operation on channel 222D
Thus it will no longer be Mutually Exclusive to this application.