

**December 2013
KJXN(FM) Channel 286C2
South Park, WY
Allocation Study**

The attached spacing study shows that the proposed operation meets the co-channel and adjacent channel spacing requirements for Class C2 stations as prescribed in §73.207 of the Commission's Rules.

Hatfield & Dawson Consulting Engineers

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SEARCH PARAMETERS FM Database Date: 131223

Channel: 286C2 105.1 MHz
 Latitude: 43 27 39
 Longitude: 110 45 9
 Safety Zone: 32 km
 Job Title: KJXN 286C2 SNOW KING MTN

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
NEW-T APP	VICTOR ID	BNPFT-30314BAP	232D 94.3	0.250 64.0	43-41-07 111-06-54	310.6	38.46 0.00	0 TRANS
NEW-T APP	JACKSON WY	BNPFT-30328ANY	233D 94.5	0.011 0.0	43-27-44 110-45-10	351.7	0.16 0.00	0 TRANS
NEW-T APP	JACKSON WY	BNPFT-30317CXN	233D 94.5	0.010 493.0	43-27-40 110-45-09	324.0	0.04 0.00	0 TRANS
NEW-T APP	DRIGGS ID	BNPFT-30830APX	284D 104.7	0.030 0.0	43-41-07 111-06-54	310.6	38.46 0.00	0 TRANS
K284BI LIC	ALPINE WY	BLFT-00423ABW	284D 104.7	0.010 909.0	43-06-17 111-07-17	217.1	49.62 0.00	0 TRANS
K285DF LIC	AFTON WY	BLFT-870820TA	285D 104.9	0.076 287.0	42-38-10 110-59-30	192.0	93.67 0.00	0 TRANS
NEW-T APP	DRIGGS ID	BNPFT-30311AMG	286D 105.1	0.090 822.0	43-42-24 111-20-37	300.1	55.00 0.00	0 TRANS
K286BU LIC	IDAHO FALLS ID	BLFT-30530APE	286D 105.1	0.250 0.0	43-21-06 112-00-29	263.6	102.43 0.00	0 TRANS
K286AY LIC	BONDURANT WY	BLFT-70705AFL	286D 105.1	0.250 4.0	43-12-25 110-23-36	134.1	40.55 0.00	0 TRANS
KTUG APP	HUDSON WY	BSTA-30118AAD	286C3 105.1	1.800 45.0	43-01-59 108-25-44	103.4	194.61 17.61	177 CLEAR
KTUG APP	HUDSON WY	BPH-31023ABO	286C2 105.1	4.000 391.0	42-34-42 108-42-46	119.9	193.02 3.02	190 CLOSE
KTUG LIC	HUDSON WY	BLH-91116AAD	286C3 105.1	12.500 80.0	43-02-32 108-26-28	103.2	193.38 16.38	177 CLEAR
KJXN LIC	SOUTH PARK WY	BLH-91210ACL	286A 105.1	0.150 328.0	43-29-34 110-57-19	282.3	16.79 -149.21	166 SHORT
KJXN CP	SOUTH PARK WY	BPH-10909ACU	286C2 105.1	2.500 328.0	43-29-34 110-57-19	282.3	16.79 -173.21	190 SHORT

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K287AB LIC	MONTPELIER ID	BLFT-940714TD	287D 105.3	0.010 375.0	42-23-22 111-23-05	203.6	129.73 0.00	0 TRANS
KTHK LIC	IDAHO FALLS ID	BLH-931014KD	288C1 105.5	100.000 201.0	43-21-06 112-00-22	263.6	102.27 23.27	79 CLEAR
K289AF LIC	FREEDOM WY	BLFT-980706TD	289D 105.7	0.010 901.0	43-06-40 111-07-25	217.8	49.16 0.00	0 TRANS

===== END OF FM SPACING STUDY FOR CHANNEL 286 =====