

**September 2014
KAAZ-FM Channel 294C
Spanish Fork, Utah
Allocation Study**

Background

The purpose of the instant application is to implement a channel change for FM station KAAZ-FM at Spanish Fork, Utah. In order to accommodate changes at other communities, the Commission's Report and Order in MB Docket No. 05-243 ordered KAAZ-FM to change from Channel 293C to Channel 294C at Spanish Fork. This application specifies Channel 294C operation at the station's licensed transmitter site.

Separate applications are being filed to modify the KAAZ-FM auxiliary and booster facilities to the station's new frequency.

Spacing Study

The attached spacing study shows that the proposed operation meets the co-channel and adjacent channel spacing requirements for Class C stations as prescribed in §73.207 of the Commission's Rules. Any listed short-spacings are moot, as discussed below.

KEGH 295C1 Brigham City: The Report and Order in MB Docket No. 05-243 (i.e. the same proceeding in which KAAZ-FM has been ordered to modify to Channel 294C), ordered KEGH to change from Channel 295C1 at Brigham City to Channel 296C at Woodruff. The KEGH licensee has been granted a construction permit BPH-20080328AAL for this modification.

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SEARCH PARAMETERS

FM Database Date: 140922

Channel: 294C 106.7 MHz

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Latitude: 40 39 34

Longitude: 112 12 5

Safety Zone: 32 km

Job Title: KAAZ-FM 294C SPANISH FORK

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
KBMG-FM1	BOUNTIFUL		291D	1.200 DA	40-50-05	55.2	34.26	0
LIC	UT	BLFTB-50316ABF	106.1	0.0	111-52-03		0.00	BOOST
KBMG-FM4	OGDEN		291D	0.500 DA	41-20-32	12.0	77.54	0
LIC	UT	BLFTB-50316ABA	106.1	0.0	112-00-30		0.00	BOOST
KBMG-FM3	PROVO		291D	0.600 DA	40-18-00	130.1	61.87	0
LIC	UT	BMLFTB-90416AMA	106.1	0.0	111-38-38		0.00	BOOST
KBMG-FM2	SALT LAKE CITY		291D	2.100 DA	40-48-29	57.7	31.07	0
LIC	UT	BLFTB-90416ALS	106.1	0.0	111-53-23		0.00	BOOST
KBMG	EVANSTON		291C	89.000	40-52-16	76.6	104.52	105
LIC	WY	BLH-40324AGC	106.1	647.0	110-59-43		-0.48	SHORT
K292DA	TABIONA, ETC.		292D	0.076 DA	40-21-41	105.1	124.21	0
LIC	UT	BLFT-880201TA	106.3	1001.0	110-47-20		0.00	TRANS
RSV	EVANSTON		292C	0.000	40-52-16	76.6	104.52	105
	WY	RM-11363	106.3	0.0	110-59-43		-0.48	SHORT
NOTE: RESERVED FOR KBMG								
KAAZ-FM1	PARK CITY		293D	1.000 DA	40-51-20	70.0	64.69	0
LIC	UT	BLFTB-70920ACC	106.5	0.0	111-28-48		0.00	BOOST
KAAZaux	SPANISH FORK		293C	0.410	40-39-35	322.8	0.04	0
LIC	UT	BXLH-80409AAV	106.5	1020.0	112-12-05		0.00	AUX
KAAZ-FM	SPANISH FORK		293C	25.000	40-39-34	0.0	0.00	241
LIC	UT	BLH-21125AAT	106.5	1140.0	112-12-05		-241.00	SHORT
K294CD	POCATELLO		294D	0.250 DA	42-51-46	354.0	246.13	0
CP MOD	ID	BMPFT-40110AAR	106.7	485.0	112-31-03		0.00	TRANS
RSV	SPANISH FORK		294C	0.000	40-39-34	0.0	0.00	290
	UT	RM-11363	106.7	0.0	112-12-05		-290.00	SHORT
NOTE: RESERVED FOR KAAZ-FM								
KMRZ-FM	SUPERIOR		294C1	7.000	41-25-28	70.7	271.74	270
LIC	WY	BLH-80801ARA	106.7	482.0	109-07-54		1.74	CLOSE

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Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
KEGH	BRIGHAM CITY	295C1	5.200	41-47-03	358.8	124.93	209	
LIC	UT BLH-11018APA	106.9	660.0	112-13-55	SS	-84.07	SHORT	
NOTE: TO CHANNEL 296C WOODRUFF PER DOCKET 05-243								
K295AY	HOLDEN	295D	0.099	39-02-08	183.4	180.61	0	
LIC	UT BLFT-70727AHZ	106.9	332.0	112-19-29		0.00	TRANS	
K295BW	NEPHI	295D	0.006	39-29-31	166.1	133.51	0	
CP	UT BNPFT-30327AMI	106.9	942.0	111-49-37		0.00	TRANS	
KEGH-FM2	BOUNTIFUL	296D	2.200	40-50-05	55.2	34.26	0	
CP	UT BNPFTB-31209XEB	107.1	0.0	111-52-03		0.00	BOOST	
K296AF	HEBER	296D	0.012	40-33-36	100.0	62.41	0	
LIC	UT BLFT-89	107.1	878.0	111-28-32		0.00	TRANS	
KEGH-FM1	OGDEN	296D	0.500	41-20-32	12.0	77.54	0	
CP	UT BNPFTB-31209XDO	107.1	0.0	112-00-30		0.00	BOOST	
KEGH-FM4	PROVO	296D	1.750	40-14-56	133.0	66.80	0	
CP	UT BNPFTB-31209XFU	107.1	0.0	111-37-33		0.00	BOOST	
KEGH-FM3	SALT LAKE CITY	296D	2.100	40-48-27	57.8	31.04	0	
CP	UT BNPFTB-31209XFJ	107.1	0.0	111-53-23		0.00	BOOST	
KEGH	WOODRUFF	296C	89.000	40-52-16	76.6	104.52	105	
CP	UT BPH-80328AAL	107.1	647.0	110-59-43		-0.48	SHORT	
K297AP	TREMONTON	297D	0.235	41-44-54	359.0	120.95	0	
LIC	UT BLFT-50114ACL	107.3	463.0	112-13-37		0.00	TRANS	

===== END OF FM SPACING STUDY FOR CHANNEL 294 =====