

**February 2011  
KCWR(FM) Channel 296A  
Bakersfield, California  
Allocation Study**

The instant application is being filed in order to correct the licensed transmitter site coordinates of FM station KCWR at Bakersfield, California. A recent operational review has revealed that the actual tower coordinates differ from the those specified on the station license by three seconds of latitude and four seconds of longitude, a discrepancy of approximately 140 meters on the ground.

The attached spacing study shows that the corrected site coordinates meet the co-channel and adjacent channel spacing requirements for Class A stations as prescribed in §73.207 of the Commission's Rules.

It is noted that the 70 dBu contour of the corrected KCWR facility does not encompass at least 80% of the area of the City of Bakersfield, nor does the 60 dBu contour encompass 100% of the city. However, KCWR has operated from this transmitter site continuously since the station was first licensed in 1990 (see the current license BLH-19900330KB, which covered the original construction permit BPH-19831202AG). Furthermore, the 70 dBu contour encompasses 99% of the population of the city (244,619 of the 247,057 person population per the 2000 Census), which satisfies the Commission's "substantial compliance" standard for coverage of the community of license. Since the only modification proposed by this application is a 140-meter correction in the transmitter site coordinates (with a corresponding recalculation of the antenna HAAT), KCWR is believe to comply with the community of license coverage requirements set forth in §73.315 of the Commission's Rules.

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SEARCH PARAMETERS FM Database Date: 110204

Channel: 296A 107.1 MHz Page 1

Latitude: 35 22 11

Longitude: 119 0 18

Safety Zone: 32 km

Job Title: KCWR 296A AT CORRECTED SITE

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
KVMX LIC	BAKERSFIELD CA	BMLH-50720AEX	243B 96.5	50.000 152.0	35-29-08 118-53-19	39.3	16.64 1.64	15 CLOSE
KEAL LIC	TAFT CA	BLH-90318AAI	293A 106.5	6.000 87.0	35-05-39 119-27-40	233.6	51.56 20.56	31 CLEAR
K295AZ LIC	BUTTONWILLOW CA	BLFT-70803ADW	295D 106.9	0.019 103.0	35-36-53 119-28-16	303.0	50.28 0.00	0 TRANS
NEW-T APP	FRAZIER PARK CA	BNPFT-30313BOZ	295D 106.9	0.010 1288.0	34-46-30 118-58-06	177.1	66.06 0.00	0 TRANS
KCWR LIC	BAKERSFIELD CA	BLH-900330KB	296A 107.1	6.000 50.0	35-22-08 119-00-14	132.6	0.14 -114.86	115 SHORT
K296AI LIC	CHINA LAKE, ETC. CA	BLFT-157	296D 107.1	0.022 DA 589.0	35-28-48 117-40-59	83.8	120.68 0.00	0 TRANS
NEW-T APP	HANFORD CA	BNPFT-30317FCY	296D 107.1	0.250 36.0	36-19-16 119-40-03	330.8	121.35 0.00	0 TRANS
NEW-T APP	HUNGRY VALLEY CA	BNPFT-30317GEC	296D 107.1	0.250 544.0	34-44-41 118-42-49	159.0	74.26 0.00	0 TRANS
NEW-T APP	PORTERVILLE CA	BNPFT-30317BBB	296D 107.1	0.010 262.0	36-06-26 119-01-45	358.5	81.86 0.00	0 TRANS
NEW-T APP	PORTERVILLE CA	BNPFT-30317GOH	296D 107.1	0.010 257.0	36-06-26 119-01-45	358.5	81.86 0.00	0 TRANS
NEW-T APP	TEHACHAPI CA	BNPFT-30317HLJ	296D 107.1	0.010 498.0	35-04-40 118-21-52	119.0	66.71 0.00	0 TRANS
NEW-T APP	THREE POINTS CA	BNPFT-30317GKV	296D 107.1	0.250 1008.0	34-41-00 118-34-31	152.7	85.65 0.00	0 TRANS
KSSC LIC	VENTURA CA	BLH-10102AAI	296A 107.1	0.370 395.0	34-20-55 119-19-57	194.8	117.17 2.17	115 CLOSE
NEW-T APP	VISALIA CA	BNPFT-30317EFB	296D 107.1	0.250 58.0	36-18-51 119-16-51	346.8	107.71 0.00	0 TRANS
K289AN CP	BAKERSFIELD CA	BPFT-00812ACD	298D 107.5	0.010 DA 1432.0	35-27-10 118-35-25	76.1	38.78 0.00	0 TRANS

44444 END OF FM SPACING STUDY FOR CHANNEL 296 44444