

### Channel Study

The FCC F(50/50) 60dBu contour of the construction permit and the proposed facility of K250BH overlap.

REFERENCE		CH# 250D - 97.9 MHz, Pwr= 0.25 kW, HAAT= 330.2 M, COR= 428 M						DISPLAY DATES			
35 57 14.0 N.		Average Protected F(50-50)= 23.6 km						DATA 04-08-16			
90 41 41.0 W.		Omni-directional						SEARCH 04-08-16			
CH	CALL	TYPE	ANT	AZI.	DIST	LAT.	Pwr(kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG.	HAAT(M)	COR(M)	LICENSEE	(Overlap in km)	
250D	K250BH!	CP	C	0.0	0.00	35 57 14.0	0.250	71.0	23.6	-94.8	-95.1
Jonesboro			AR	0.0	BMPFT20150603AAP	90 41 41.0		423	Educational Media Foundati		
250C2	KBXB	LIC	NCN	38.6	149.09	36 59 52.0	50.000	137.4	51.9	-10.7<	29.6
Sikeston			MO	219.2	BLH19970922KD	89 38 52.0	143	239	Withers Broadcasting Compa		
253D	K253BQ	LIC	C	198.0	15.16	35 49 27.0	0.250	1.1	13.8	-9.6*<	0.3
Jonesboro			AR	18.0	BLFT20140205AAN	90 44 48.0	131	216	Saga Communications Of Ark		
251C1	WXXM	LIC	C	138.1	118.86	35 09 16.0	100.000	102.6	70.3	-7.5<	12.9
Millington			TN	318.7	BLH20001018ACK	89 49 20.0	265	358	Radio License Holding Cbc,		
249C1	KJSM-FM	LIC	CX	216.5	107.23	35 10 36.0	100.000	86.2	56.7	-2.7<	14.8
Augusta			AR	36.1	BLED20040115ABF	91 23 49.0	189	196	Family Worship Center Chur		
250C2	KTLO-FM	LIC	ZCN	286.5	159.22	36 20 55.0	30.000	133.4	53.3	1.7	33.6
Mountain Home			AR	105.5	BLH19960808KA	92 23 59.0	194	419	Ktlo, L.l.c.		
248C2	KOEA	LIC	CN	351.0	71.47	36 35 20.0	40.000	6.6	56.3	41.0	14.0
Doniphan			MO	171.0	BLH19890313KE	90 49 10.0	176	314	Eagle Bluff Enterprises		
252C3	KFCM	LIC	NCN	303.4	83.80	36 21 58.0	25.000	4.1	39.7	55.6	43.0
Cherokee Village			AR	122.9	BLH20001031ACN	91 28 35.0	97	280	Kfcm, Inc.		

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Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM  
Contour distances are on direct line to and from reference station. Reference Zone=West Zone, Co to3rdadjacent.  
All separation margins (if shown) include rounding. Call signs with exclamation marks need not be protected.  
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 restricted contour.  
< = Contour Overlap