

### Channel Study

REFERENCE CH# 250D - 97.9 MHz, Pwr= 0.205 kW, HAAT= 87.5 M, COR= 180 M DISPLAY DATES  
36 01 54.0 N. Average Protected F(50-50)= 11.5 km DATA 08-21-13  
90 31 00.0 W. Omni-directional SEARCH 08-21-13

CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
250D Paragould	1562928	APP	C AR	90.0 270.0	1.49 BNPFT20030314AGA	36 01 54.0 90 30 00.0	0.205	31.0 180	9.4 Educational Media Foundati	-42.3*	-51.7*
250D Paragould	1567473	APP	C AR	90.0 270.0	1.49 BNPFT20130806ABF	36 01 54.0 90 30 00.0	0.205	31.0 180	9.4 Educational Media Foundati	-42.3*	-51.7*
250C2 Sikeston	KBXB	LIC	NCN MO	35.6 216.1	132.53 BLH19970922KD	36 59 52.0 89 38 52.0	50.000 143	137.4 239	51.9 Withers Broadcasting Compa	-17.1*	38.9
251C1 Millington	WXXM	LIC	C TN	147.0 327.4	115.98 BLH20001018ACK	35 09 16.0 89 49 20.0	100.000 265	102.6 358	70.3 Radio License Holding Cbc,	0.6	26.6
253D Jonesboro	1567906	APP	C AR	190.7 10.7	23.41 BNPFT20130807ACJ	35 49 29.0 90 33 54.0	0.140	0.8 212	13.0 Edgewater Broadcasting, In	10.2	9.4
253D Jonesboro	1563638	APP	C AR	190.7 10.7	23.41 BNPFT20030317CAF	35 49 29.0 90 33 54.0	0.140	0.8 212	13.0 Edgewater Broadcasting, In	10.2	9.4
248C2 Doniphan	KOEA	LIC	CN MO	336.4 156.3	67.63 BLH19890313KE	36 35 20.0 90 49 10.0	40.000 176	6.6 314	56.3 Eagle Bluff Enterprises	51.3	10.3
249C1 Augusta	KJSM-FM	LIC	CX AR	220.2 39.7	123.96 BLED20040115ABF	35 10 36.0 91 23 49.0	100.000 189	86.1 196	56.6 Family Worship Center Chur	27.4	52.8
250C2 Mountain Home	KTLO-FM	LIC	ZCN AR	282.3 101.2	172.59 BLH19960808KA	36 20 55.0 92 23 59.0	30.000 194	133.5 419	53.3 Ktlo, L.l.c.	28.9	85.2

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 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.