

Channel Study

W297BJ																
Mark M Snow																
REFERENCE	CH#	297D	-	107.3	MHz,	Pwr=	0.17	kW	DA,	HAAT=	174.1	M,	COR=	248	M	DISPLAY DATES
33 09 36.0 N.						Average Protected F(50-50)=	15.59	km								DATA 02-12-14
87 30 54.0 W.						Standard Directional										SEARCH 02-16-14
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)						
297D	W297BJ	CP	DV_	316.5	20.70	33 17 42.0	0.250	47.1	14.2	-40.9*<	-41.0*<					
Mt. Olive	AL			136.4	BNPFT20130805AAQ	87 40 06.0	122	207	Existing Facility Overlap							
297A	WQZZ	CP	NCX	229.6	65.72	32 46 32.9	6.000	82.4	24.9	-24.3*<	15.1					
Boligee	AL			49.3	BPH20121214AA0	88 03 02.1	81	118	Porter, Mildred R							
297C1	WQLT-FM	LIC	_CN	353.8	169.26	34 40 24.0	93.000	168.2	70.0	-14.1*<	49.7					
Florence	AL			173.7	BLH20000120AAP	87 42 56.0	310	490	Big River Broadcasting Cor							
300D	W300AE	LIC	_CN	342.1	8.05	33 13 44.0	0.250	1.1	7.1	-8.3*<	0.0					
Tuscaloosa	AL			162.0	BLFT19930217TF	87 32 30.0	29	108	No Overlap - See Attached Maps							
295C0	WBPT	LIC	NCY	61.1	75.02	33 29 04.0	100.000	11.8	81.4	48.6	-7.3*<					
Homewood	AL			241.5	BLH20130207ABS	86 48 25.0	404	597	See Waiver Request							
297D	W297BF	LIC	_C_	61.1	75.08	33 29 02.0	0.099	62.5	19.6	-2.0*<	7.3					
Birmingham	AL			241.5	BLFT20130125ABM	86 48 21.0	349	537	Educational Media Foundati							
299C1	WUHT	LIC	NC_	61.1	75.02	33 29 04.0	43.000	9.3	72.5	51.1	1.6					
Birmingham	AL			241.5	BLH20070104ADS	86 48 25.0	410	597	Radio License Holding Cbc,							
297D	W297A0	LIC	_C_	122.3	40.41	32 57 54.0	0.006	8.9	2.8	21.2	3.1					
Brent	AL			302.5	BLFT200708011HX	87 08 56.0	26	128	Christopher W. Johnson							
297A	WQZZ	LIC	NCX	229.6	65.72	32 46 32.9	0.113	22.7	6.8	35.4	33.2					
Boligee	AL			49.3	BLH20121203AJI	88 03 02.1	47	83	Porter, Mildred R							
298A	DWVFG	LIC	_CN	180.5	87.03	32 22 38.0	6.000	44.0	28.5	35.8	48.3					
Uniontown	AL			0.5	BLH19950123KA	87 31 25.0	100	164	Charles E. Jones, Jr.							
243C0	WMJJ	LIC	_CX	61.7	66.93	33 26 38.0	100.000	8.0	5.6	25.0R	41.9M					
Birmingham	AL			242.0	BMLH20030207AAL	86 52 47.0	313	494	Capstar Tx Llc							

Terrain database is FCC NGDC 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in Contour distances are on direct line to and from reference station. Reference zone= East ZoneCo to 3rd adjacent 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.