

W321DE Proposed Minor Change Channel Study

Christopher W. Johnson

REFERENCE
33 26 39.0 N.
86 52 46.0 W.

CH# 231D - 94.1 MHz, Pwr= 0.099 kW DA, HAAT= 0.0 M, COR= 426 M
Average Protected F(50-50)= 5.62 km
Standard Directional

DISPLAY DATES
DATA 12-06-17
SEARCH 01-08-18

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*
229C0 Birmingham	WDJC-FM	LIC_CY AL	227.9 47.9	0.13 BLH19870205KC	33 26 36.0 86 52 50.0	100.000 307	10.2 488	72.5 Kimtron, Inc.	-18.3*	-72.6*
233C0 Birmingham	WJOX-FM	LIC_NC_ AL	53.5 233.5	3.42 BLH20000929AEE	33 27 45.0 86 50 59.0	100.000 309	10.3 491	73.2 Radio License Holding Cbc,	-12.7*	-69.8*
231C0 Carrollton	WZBQ	LIC_C_ AL	257.8 77.2	115.79 BLH20040726ADJ	33 13 07.0 88 05 47.0	100.000 307	172.2 385	72.7 Capstar Tx, Llc	-66.8*	14.0
231D Birmingham	W231DE	LIC_DV_ AL	0.0 0.0	0.00 BLFT20160819ABQ	33 26 39.0 86 52 46.0	0.070	49.6 426	15.0 Christopher W. Johnson	-65.3*	-66.7*
231L1 Birmingham	WVXV-LP	CP ____ AL	144.0 324.1	13.92 BNPL20131112ALD	33 20 34.0 86 47 29.0	0.100 11	194	Calvary Of Birmingham	-20.3*	-43.8*
231D Pell City	W231CW	LIC_DC_ AL	67.0 247.3	46.31 BLFT20150218ACA	33 36 21.0 86 25 08.0	0.250	61.5 499	18.6 Edgewater Broadcasting, Inc	-23.2*	5.7
231D Sylacauga	W231BN	LIC_C_ AL	120.2 300.5	67.00 BLFT20070507AAE	33 08 23.0 86 15 26.0	0.013 92	22.2 301	6.6 Faith Broadcasting, Inc.	30.5	14.6
231A Gurley	WHRP	LIC_CX AL	13.6 193.8	141.49 BLH20060504AAM	34 40 50.0 86 30 55.0	0.710 288	85.4 534	30.4 Cumulus Licensing Llc	40.9	61.7
231C0 Smyrna	AL5038	RSV-A ____ GA	80.8 262.2	238.18 RM10983	33 45 35.0 84 20 07.0	100.000 450	186.1 730	82.7	41.6	138.0

Terrain database is FCC NGDC 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone= East 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 restricted contour.