

Channel Study

REFERENCE		CH# 212D - 90.3 MHz, Pwr= 0.013 kW, HAAT= 78.5 M, COR= 265 M								DISPLAY DATES	
32 37 19.0 N.		Average Protected F(50-50)= 5.5 km								DATA 10-20-17	
85 30 05.0 W.		Omni-directional								SEARCH 10-25-17	
CH CITY	CALL	TYPE STATE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
212D Natasulga, Etc.	W212AP!	LIC	DVN AL	0.0 0.0	0.00 BLFT19941118TH	32 37 19.0 85 30 05.0	0.019 114	11.6 243	3.6 Educational Media Foundati	-15.8	-17.0
212C1 Birmingham	WBHM	LIC	CN AL	308.9 128.2	154.71 BLED19880929KC	33 29 19.0 86 47 58.0	32.000 370	152.9 566	65.3 Bd Of Trustees/u Of Al At	-3.3<	73.1
213C3 Columbus	WFRC	LIC	CX GA	112.0 292.3	55.84 BMLED20131115ABA	32 25 58.0 84 57 02.0	25.000 73	49.0 174	29.9 Family Stations, Inc.	1.9	19.0
210C1 Montgomery-troy	WTSU	LIC	DCX AL	218.2 38.0	79.17 BLED20060508ABN	32 03 40.0 86 01 19.0	100.000 230	9.1 356	67.8 Troy University	62.9	11.2
214C1 Montgomery	WVAS	LIC	CN AL	249.3 68.9	79.75 BLED19920401KA	32 21 58.0 86 17 40.0	80.000 106	5.8 163	50.3 Alabama State University (68.2	29.2
212C2 Dothan	WDYF	LIC	CX AL	183.8 3.7	144.15 BLED20070514AEM	31 19 29.0 85 36 06.0	9.200 171	104.1 250	39.8 Faith Broadcasting, Inc.	32.9	80.1
215A La Grange	WOAK	LIC	CN GA	51.4 231.7	61.55 BLED19840620CY	32 57 57.0 84 59 08.0	3.400 91	2.4 318	25.8 Oakside Christian School	54.7	35.5
212D Lagrange	W212BL	LIC	C GA	44.5 224.8	65.55 BLFT20000606ACS	33 02 30.0 85 00 30.0	0.010 134	24.1 353	7.1 Family Worship Center Chur	37.0	44.3
6 -- Phenix City, Etc.	W06BH	LI	DHN AL	112.1 292.3	46.70 BLTVL-19931124IB	32 27 48.0 85 02 26.9	0.060 -999	2.2 265	4.9 7.1R	39.6M	
209C2 Alexander City	WJHO	LIC	DVX AL	325.1 144.8	79.59 BLED20140228AGE	33 12 30.0 85 59 31.0	21.000 147	3.6 438	38.0 Tbta Ministries	71.1	41.3
211C0 Atlanta	WABE	LIC	DCX GA	40.3 221.0	166.56 BLED20120521ABP	33 45 33.0 84 20 05.0	100.000 334	107.8 615	74.2 Board Of Education, City O	54.4	86.2
213A Lineville	WZEV	LIC	CX AL	346.9 166.8	77.07 BLED20131114APT	33 17 54.6 85 41 24.2	0.100 80	15.3 371	10.7 B. Jordan Communications C	57.2	59.9
215C3 Goodwater	WFAZ	LIC	DCX AL	325.1 144.8	79.59 BLED20110906AFE	33 12 30.0 85 59 31.0	6.900 136	1.5 427	20.1 First Assembly Of God	73.3	59.2

Terrain database is FCC 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= East Zone, Co 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)
 < = Contour Overlap

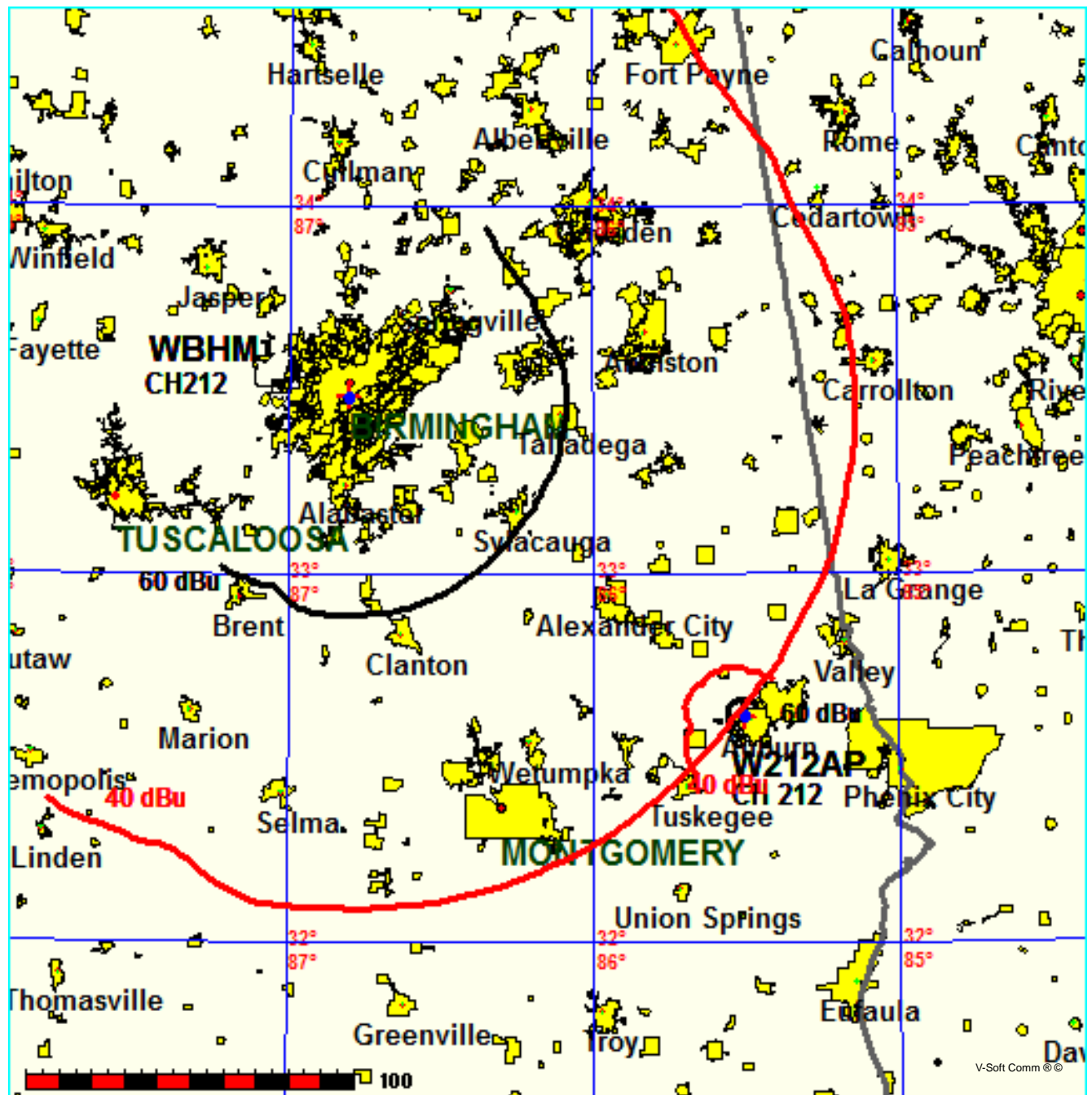
FMCommander Single Allocation Study - 11-08-2017 - FCC NGDC 30 Sec
W212AP's Overlaps (In= -3.28 km, Out= 73.12 km)

W212AP CH 212 D

Lat= 32 37 19.0, Lng= 85 30 05.0
0.013 kW 78.5 m HAAT, 265 m COR
Prot.= 60 dBu, Intef.= 40 dBu

WBHM CH 212 C1 BLED19880929KC

Lat= 33 29 19.0, Lng= 86 47 58.0
32.0 kW 370 m HAAT, 566 m COR
Prot.= 60 dBu, Intef.= 40 dBu



W212AP CH 212 D

Lat= 32 37 19.0, Lng= 85 30 05.0
0.013 kW 78.5 m HAAT, 265 m COR
Prot.= 60 dBu, Intef.= 54 dBu

WFRC CH 213 C3 BMLED20131115ABA

Lat= 32 25 58.0, Lng= 84 57 02.0
25.0 kW 73 m HAAT, 174 m COR
Prot.= 60 dBu, Intef.= 54 dBu

