

W256CD

Latitude: 33-29-02 N
Longitude: 086-48-21 W
ERP: 0.13 kW
Channel: 256
AMSL Height: 537.0 m
Elevation: 279.0 m
Horiz. Pattern: Omni

W256CD, Fultondale, AL
F(50,10) 54 dBu Contour
WDGM, Channel 256C3, Greensboro, AL
WAHR, Channel 256C0, Huntsville, AL
F(50,50) 60 dBu Contours

WAHR

W256CD

WDGM

Exhibit 1

Scale 1:1,000,000

0 10 20 30 km

Channel Study Data Chart
W256CD (Formerly W257CM)
Comtek, LLC

REFERENCE CH# 256D - 99.1 MHz, Pwr= 0.13 kW DA, HAAT= 322.3 M, COR= 537 M DISPLAY DATES
33 29 02.0 N. Average Protected F(50-50)= 23.4 km DATA 04-22-14
86 48 21.0 W. Standard Directional SEARCH 04-22-14

CH CITY	CALL	TYPE STATE	ANT	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
256D Fultondale	W256CD	CP DC AL		0.0 0.0	0.00 BPFT20130624ABF	33 29 02.0 86 48 21.0	0.250 322	72.4 510	24.1 Comtek, LLC	-93.7*	-91.0*
Of no concern. Current W256CD facility.											
254C1 Warrior	WBHK	LIC NCX AL		300.8 120.8	0.12 BLH20030122AAG	33 29 04.0 86 48 25.0	39.000 408	8.8 601	69.8 Sm-wbhk, Llc	-30.2*	-70.5*
See Exhibit 13 in the Form 349 for a description of how protection is afforded to WBHK.											
258C0 Birmingham	WZRR	LIC NCN AL		239.7 59.7	4.71 BLH19980128KB	33 27 45.0 86 50 59.0	100.000 309	9.3 491	68.3 Radio License Holding Cbc,	-25.3*	-64.4*
See Exhibit 13 in the Form 349 for a description of how protection is afforded to WZRR.											
258C0 Birmingham	WZRR	AXL NCN AL		239.7 59.7	4.71 EXLH20070411ACV	33 27 45.0 86 50 59.0	50.000 256	7.7 491	62.0 Radio License Holding Cbc,		-53.5*
See Exhibit 13 in the Form 349 for a description of how protection is afforded to WZRR aux facility.											
256C0 Huntsville	WAHR	LIC CN AL		5.9 186.0	146.56 BLH19891219KC	34 47 53.0 86 38 24.0	100.000 300	173.5 538	73.4 Southern Stone Communicati	-48.2*	6.6
256C3 Greensboro	WDGM	LIC CX AL		228.4 47.9	101.04 BLH20120514AEK	32 52 40.0 87 36 53.0	6.400 197	96.9 274	35.9 Townsquare Media Tuscaloos	-16.5	0.3
203A Birmingham	WLJR	LIC VX AL		125.6 305.7	16.49 BLED20060119ADQ	33 23 51.0 86 39 41.0	0.370 183		16.49 Briarwood Presbyterian Chu	9.5R	7.0M
256D Oxford	W256BH	LIC DC AL		79.3 259.9	94.76 BLFT20090417ABQ	33 38 15.0 85 48 07.0	0.110 14	18.7 274	5.7 The Jeff Beck Broadcasting	55.8	25.6
256D Alexander City	W256BZ	LIC C AL		127.9 308.3	98.78 BLFT20121009ABF	32 56 10.0 85 58 13.0	0.250 46	23.8 243	7.1 Alabama Christian Radio, I	54.7	28.1
255C1 Montgomery	WBAM-FM	LIC CX AL		160.9 341.3	177.00 BLH20020625AAN	31 58 28.0 86 11 31.0	100.000 299	105.7 426	72.9 Bluewater Broadcasting Com	50.4	73.0
257D Gadsden	W257CT	LIC DC AL		53.9 234.3	91.68 BLFT20120703ABB	33 58 02.0 86 00 12.0	0.250 207	17.8 388	12.1 Gadsden Radio Media, Llc	55.1	51.8
203A Five Points	WJBE-FM	LIC VX AL		325.2 144.9	65.09 BLED20080507ACH	33 57 51.0 87 12 34.0	0.500 61	68.7 231	22.1 Big South Community Broadc	10.0R	55.1M

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= , 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.
« = Station meets FCC minimum distance spacing for its class.

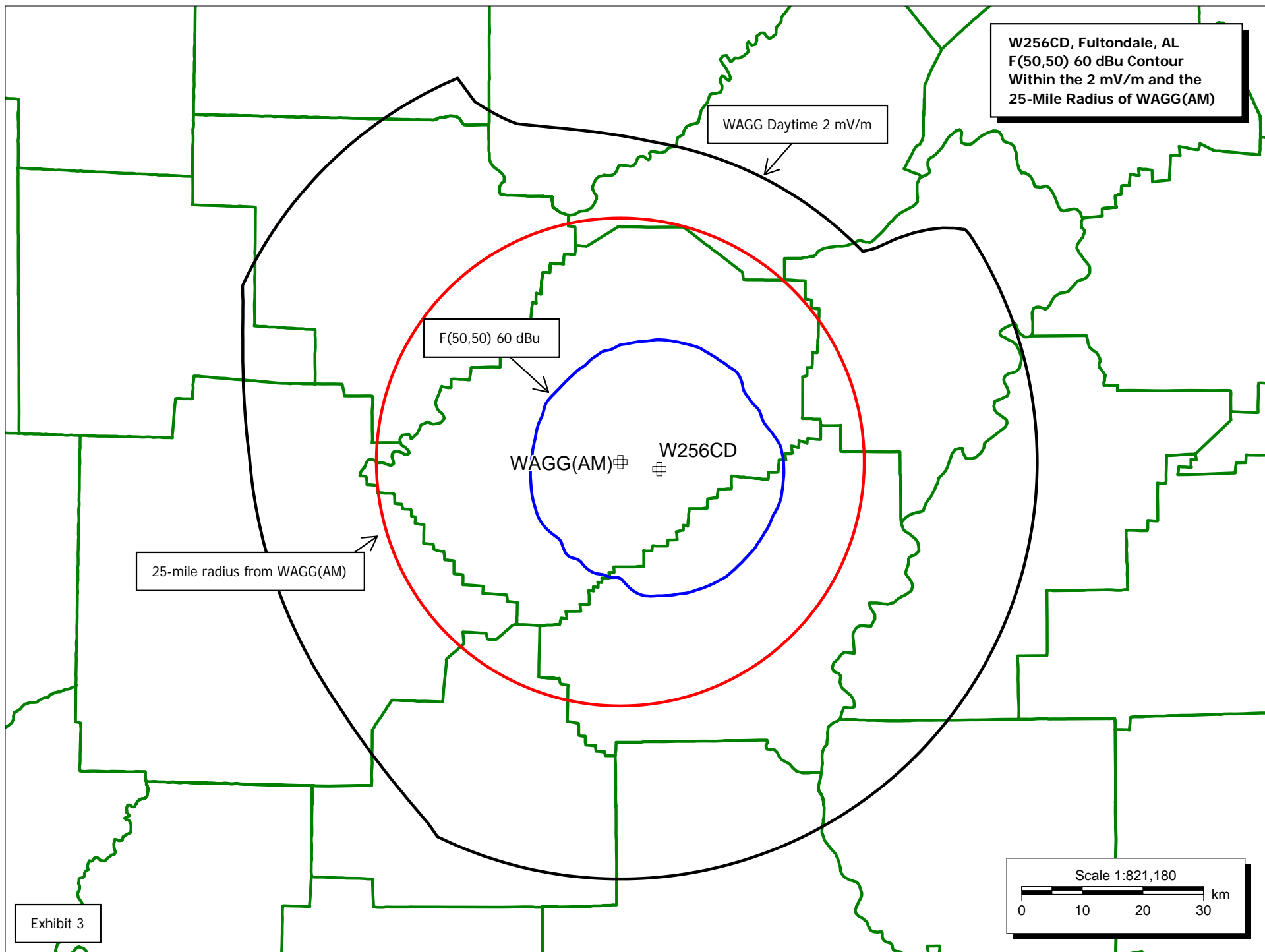


Exhibit 3