

W257CM Licensed
BLFT20100810AAM
Latitude: 33-29-11 N
Longitude: 085-59-15 W
ERP: 0.01 kW
Channel: 257
AMSL Height: 315.0 m
Elevation: 245.0 m
Horiz. Pattern: Omni

W257CM Application
Latitude: 33-22-49 N
Longitude: 086-01-54 W
ERP: 0.08 kW
Channel: 257
AMSL Height: 229.2 m
Elevation: 219.2 m
Horiz. Pattern: Directional

**W257CM Licensed and 60 dBu Contours
(Showing that the proposed modification is a minor change)**

⊕
W257CM Licensed

Licensed F(50,50) 60 dBu

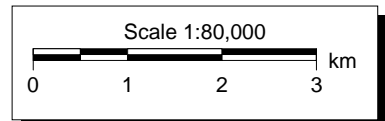
Talladega

Application F(50,50) 60 dBu

W257CM Application ⊕
Waldo



Exhibit 1



**Engineering Statement
In Support of an
Application for a Translator Construction Permit
W257CM, Talladega, AL**

**W257CM Interference Overlap Study
(Showing no interference is offered to or received from any other facility)**

REFERENCE	CH# 257D - 99.3 MHz, Pwr= 0.08 kW DA, HAAT= 91.8 M, COR= 229.2 M	DISPLAY DATES
33 22 49.0 N.	Average Protected F(50-50)= 9.4 km	DATA 12-14-12
86 01 54.0 W.	Standard Directional	SEARCH 12-14-12

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*
258C0 Birmingham	WZRR	LIC AL	NCN	277.1 96.6	76.63 BLH19980128KB	33 27 45.0 86 50 59.0	100.000 309	102.9 491	70.6 Radio License Holding		3.9 CBC, LLC
254C1 Warrior	WBHK	LIC AL	NCX	279.4 98.9	73.01 BLH20030122AAG	33 29 04.0 86 48 25.0	39.000 408	8.9 601	70.4 Cox Radio, Inc.		2.6
260D Talladega	643934	APP AL	C	316.9 136.8	12.47 BNPFT20030317BYP	33 27 43.6 86 07 25.1	0.010 265	0.2 450	8.9 Edgewater Broadcasting, Inc.	7.8	3.1
257C2 Fort Benning South	WKCX	LIC GA	NCX	137.9 318.4	136.37 BLH20110411ABS	32 27 59.0 85 03 22.0	29.000 167	123.3 277	45.4 PMB Broadcasting, LLC		88.0
257D Gadsden	W257CT	LIC AL	DC	2.3 182.3	65.15 BLFT20120703ABB	33 58 02.0 86 00 12.0	0.250	42.9 388	13.0 Gadsden Radio Media, LLC	15.5	29.4
256D Oxford	W256BH	LIC AL	DC	36.6 216.7	35.62 BLFT20090417ABQ	33 38 15.0 85 48 07.0	0.110 14	12.5 274	8.9 Jacobs Broadcast Group, Inc.	18.6	20.3
256D Alexander City	W256BZ	LIC AL	C	173.4 353.4	49.59 BLFT20121009ABF	32 56 10.0 85 58 13.0	0.250	10.4 243	7.2 William Neeck	37.6	40.7
255A Tallapoosa	WWGA	LIC GA	CX	66.0 246.4	74.75 BLH20100927AAH	33 39 03.0 85 17 41.0	1.850 182	2.4 520	29.5 WKNG, LLC		45.1

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.

W257CM Protected and Interfering Contours

XLTR Channel 260
BNPFT20030317BYP
Latitude: 33-27-43.60 N
Longitude: 086-07-25.10 W
ERP: 0.01 kW
Channel: 260
AMSL Height: 450.2 m
Elevation: 329.2 m
Horiz. Pattern: Omni

W257CM Application
Latitude: 33-22-49 N
Longitude: 086-01-54 W
ERP: 0.08 kW
Channel: 257
AMSL Height: 229.2 m
Elevation: 219.2 m
Horiz. Pattern: Directional

WBHK
BLH20030122AAG
Latitude: 33-29-04 N
Longitude: 086-48-25 W
ERP: 39.00 kW
Frequency: 98.7 MHz
AMSL Height: 601.0 m
Elevation: 289.0 m
HAAT: 408.0 m
Horiz. Pattern: Omni

WZRR
BLH19980128KB
Latitude: 33-27-45 N
Longitude: 086-50-59 W
ERP: 100.00 kW
Channel: 258
AMSL Height: 491.0 m
Elevation: 287.0 m
HAAT: 309.0 m
Horiz. Pattern: Omni

XLTR, Channel 260
Talladega, AL
F(50,50) 60 dBu

XLTR, Channel 260
Talladega, AL
F(50,10) 100 dBu

XLTR Channel 260

Application F(50,10) 54 dBu

Application F(50,50) 60 dBu

Licensed F(50,10) 100 dBu

W257CM Application

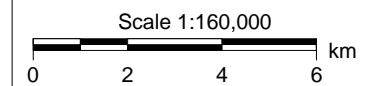
Talladega

WZRR, Channel 258C0
F(50,50) 60 dBu

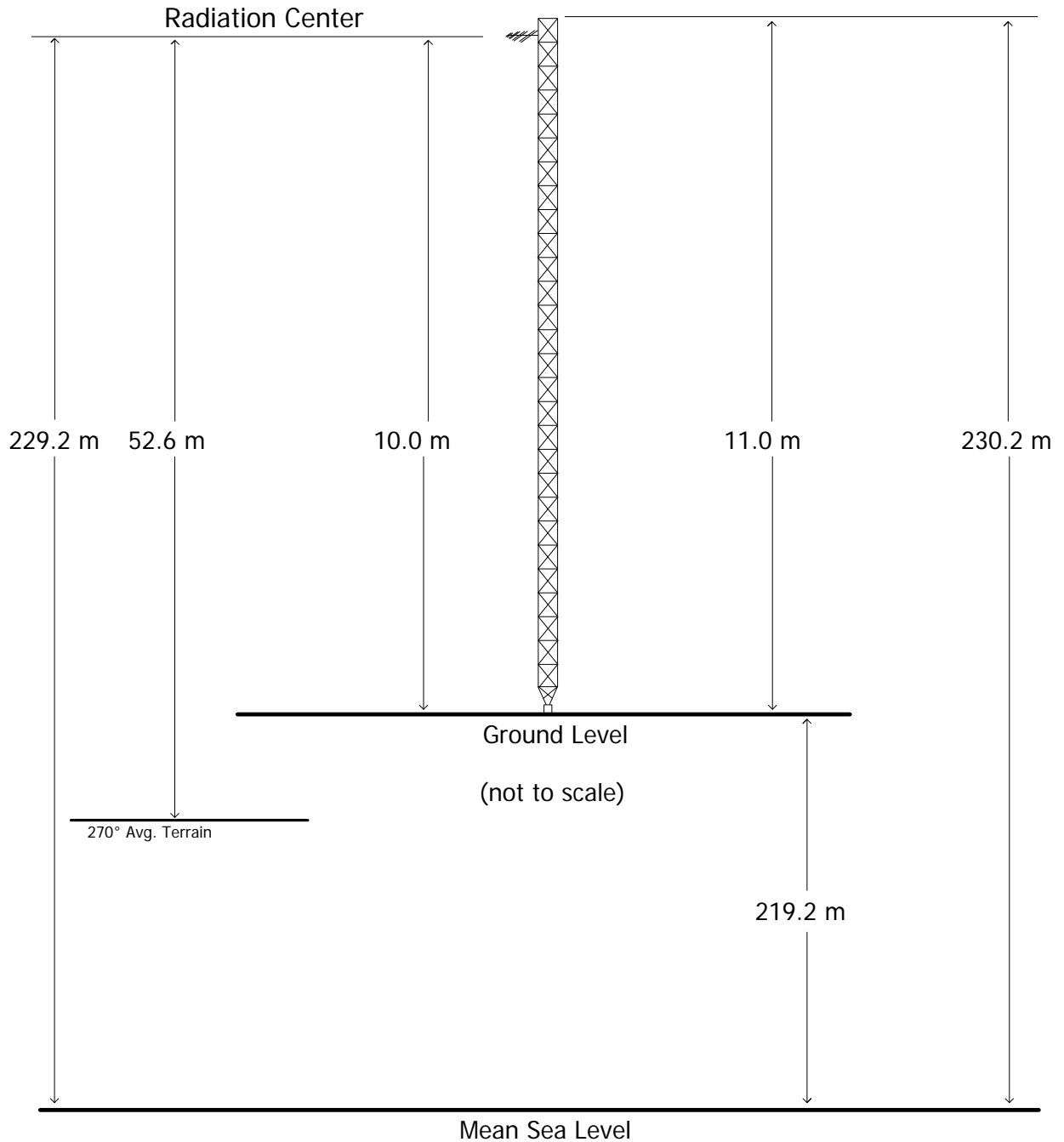
WBHK, Channel 254C1
F(50,50) 60 dBu



Exhibit 3



**W257CM, Talladega, AL
Tower Vertical Sketch**



NAD 27
Site Coordinates:
33° 22' 49"
86° 01' 54"