

W257CM Application

Latitude: 33-22-49 N
Longitude: 086-01-54 W
ERP: 0.08 kW
Channel: 256
AMSL Height: 229.2 m
Elevation: 219.2 m
Horiz. Pattern: Directional

W257CM Current

BLFT20130313ACZ
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)

Current F(50,50) 60 dBu

Application F(50,50) 60 dBu

W257CM Application



Exhibit 1

Scale 1:65,000

0 0.67 1.33 2.0 km

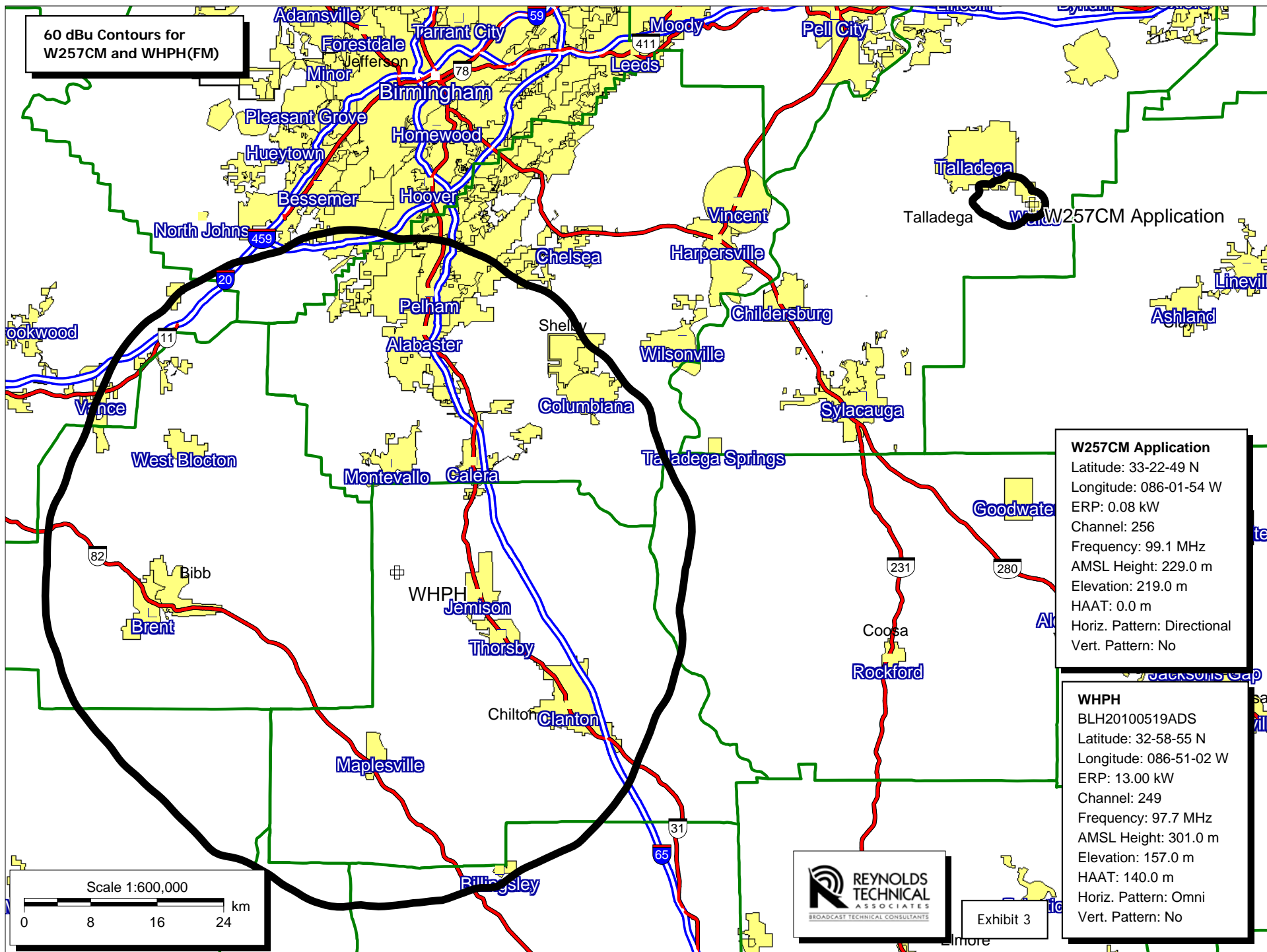
**Engineering Statement In Support of an
Application for a Translator Construction Permit
W257CM, Talladega, AL**

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

REFERENCE	CH# 256D - 99.1 MHz, Pwr= 0.08 kW DA, HAAT= 0.0 M, COR= 229 M	DISPLAY DATES
33 22 49.0 N.	Average Protected F(50-50)= 5.3 km	DATA 03-14-13
86 01 54.0 W.	Standard Directional	SEARCH 03-14-13

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*
257D	W257CM	CP	DH	0.0	0.00	33 22 49.0	0.080	9.7	6.8	-11.2*	-9.0*
Talladega			AL	0.0	BPFT20121219ABE	86 01 54.0		229	Immanuel Broadcasting Netw		
Of note: W257CM has since filed a Form 350 (BLFT-20130313ACZ) to cover this CP.											
256C0	WAHR	LIC	CN	340.6	166.98	34 47 53.0	100.000	177.1	75.5		81.2
Huntsville			AL	160.3	BLH19891219KC	86 38 24.0	300	538	Southern Stone Communicati		
254C1	WBHK	LIC	NCX	279.4	73.01	33 29 04.0	39.000	8.9	70.4		2.0
Warrior			AL	98.9	BLH20030122AAG	86 48 25.0	408	601	Cox Radio, Inc.		
257D	W257CM	LIC	C	19.1	12.46	33 29 11.0	0.010	7.8	5.6	3.0	5.3
Talladega			AL	199.2	BLFT20100810AAM	85 59 15.0	92	315	Immanuel Broadcasting Netw		
256D	W256BH	LIC	DC	36.6	35.62	33 38 15.0	0.110	29.5	8.9	4.5	23.8
Oxford			AL	216.7	BLFT20090417ABQ	85 48 07.0	14	274	The Jeff Beck Broadcasting		
258C0	WZRR	LIC	NCN	277.1	76.63	33 27 45.0	100.000	9.8	70.6		5.4
Birmingham			AL	96.6	BLH19980128KB	86 50 59.0	309	491	Radio License Holding Cbc,		
256D	W256BZ	LIC	C	173.4	49.59	32 56 10.0	0.250	24.3	7.2	23.7	39.4
Alexander City			AL	353.4	BLFT20121009ABF	85 58 13.0		243	William Neeck		
255A	WWGA	LIC	CX	66.0	74.75	33 39 03.0	1.850	44.5	29.5		43.6
Tallapoosa			GA	246.4	BLH20100927AAH	85 17 41.0	182	520	Wkng, Llc		

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.
< = Contour Overlap

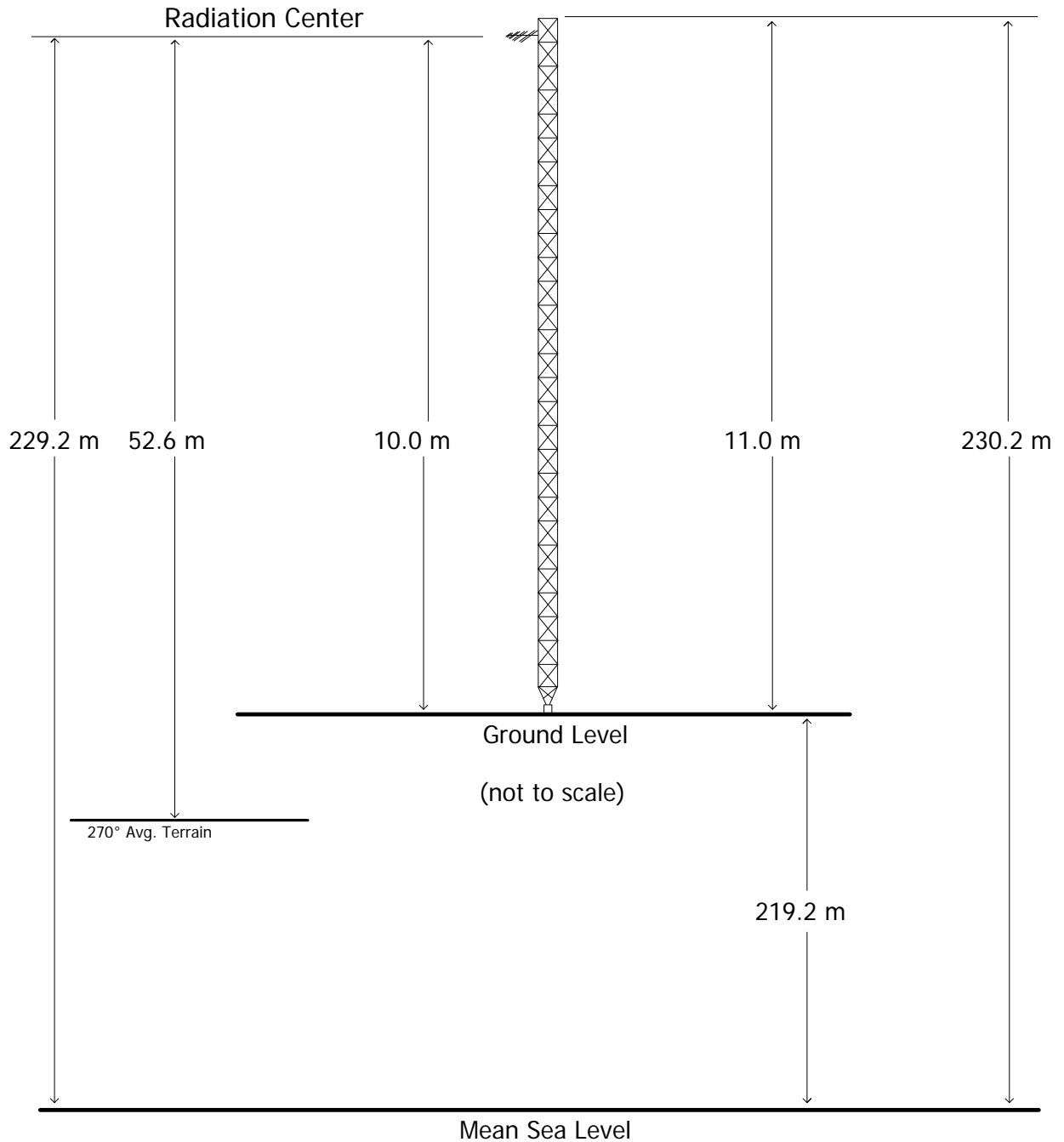


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Longitude: 086-01-54 W
ERP: 0.08 kW
Channel: 256
Frequency: 99.1 MHz
AMSL Height: 229.0 m
Elevation: 219.0 m
HAAT: 0.0 m
Horiz. Pattern: Directional
Vert. Pattern: No

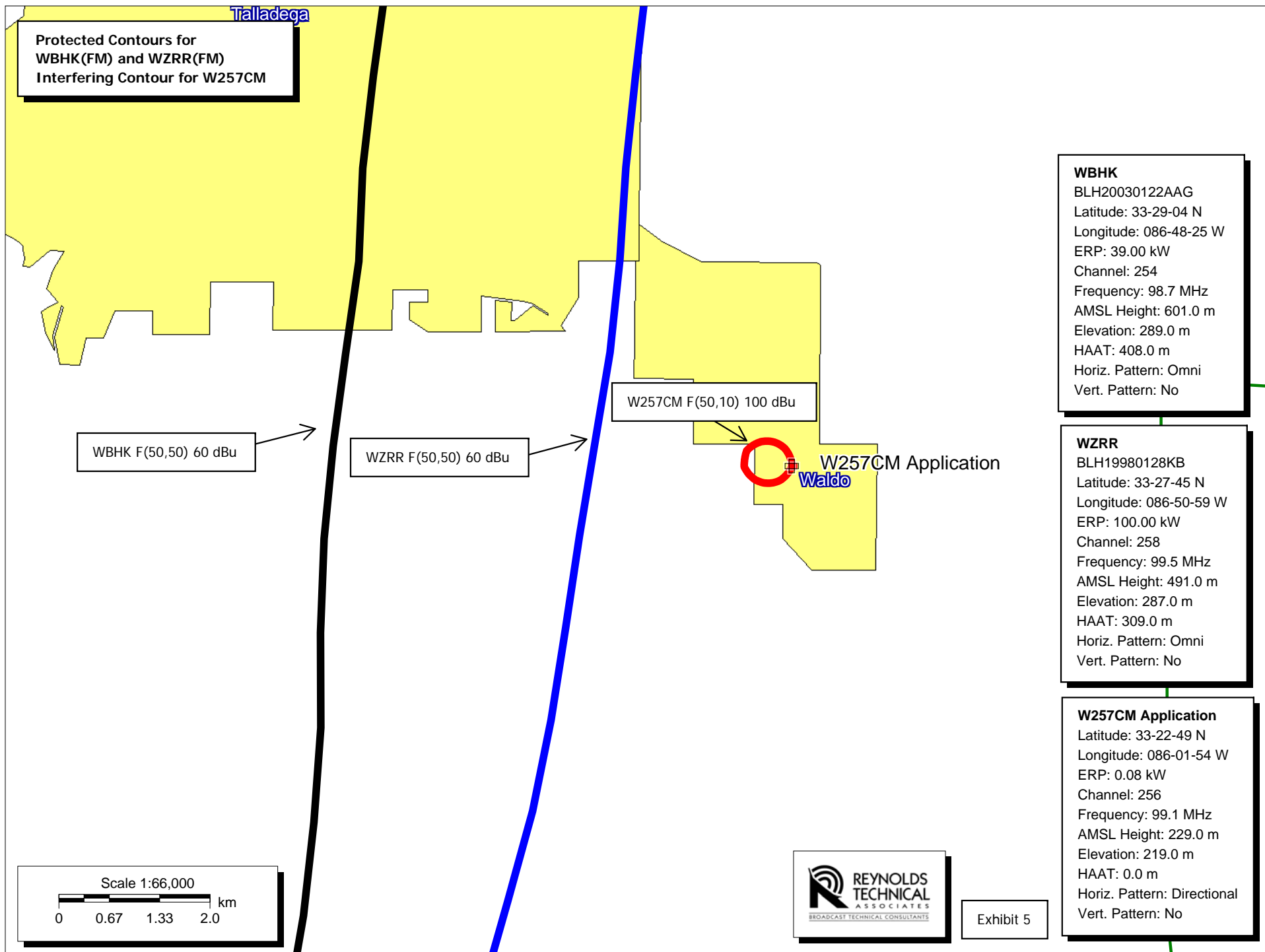
WHPH
BLH20100519ADS
Latitude: 32-58-55 N
Longitude: 086-51-02 W
ERP: 13.00 kW
Channel: 249
Frequency: 97.7 MHz
AMSL Height: 301.0 m
Elevation: 157.0 m
HAAT: 140.0 m
Horiz. Pattern: Omni
Vert. Pattern: No

Exhibit 3

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



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



Protected Contours for
WBHK(FM) and WZRR(FM)
Interfering Contour for W257CM

W256BH F(50,10) 40 dBu

W256BH F(50,50) 60 dBu

W257CM F(50,10) 40 dBu

W257CM F(50,50) 60 dBu

⊕ W257CM Application

⊕ W256BH

W256BH

BLFT20090417ABQ
Latitude: 33-38-15 N
Longitude: 085-48-07 W
ERP: 0.11 kW
Channel: 256
Frequency: 99.1 MHz
AMSL Height: 274.0 m
Elevation: 240.0 m
HAAT: 14.4 m
Horiz. Pattern: Directional
Vert. Pattern: No

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Frequency: 99.1 MHz
AMSL Height: 229.0 m
Elevation: 219.0 m
HAAT: 0.0 m
Horiz. Pattern: Directional
Vert. Pattern: No

Scale 1:275,000

0 3 6 9 km



Exhibit 6