

Technical Exhibit  
Camdenton, MO 258D  
339.8m RC-AMSL 118.2m Highest Radial  
48.4m AGL  
205 Watts

TABLE OF CONTENTS

	Technical Statement
Figure 1	Interference Study Table
Figure 2	HAAT

### Interference Compliance

Contour protection, as required by C.F.R. Section 74.1204 to co-channel and first, second and third adjacent channels is demonstrated herein by Figure 1.

### Height Above Average Terrain

The proposed HAAT and the predicted 60 dBu contours were calculated in accordance with Section 47 C.F.R. 73.313. The average terrain elevations were calculated along 12 radials using the NED 03 Sec terrain database.

Figure 2 shows the HAAT of the 12 radials. The highest radial is 118.2m above average terrain.

### RF Electromagnetic Exposure Analysis

The proposed facility will not have a significant environmental impact and complies with maximum permissible radio frequency electromagnetic exposure limits for a controlled environment, in accordance with OET Bulletin No. 65.

Using a worst case assumption of maximum downward radiation ( $F=1.0$ ) the RF exposure at 2m above ground level is  $6.33593 \mu\text{W}/\text{cm}^2$  or 0.6% of the controlled standard. This is inconsequential when added to existing RF on the tower.

The site is fenced and RF warning signs are posted. The power will be reduced or shut off to allow necessary access to the tower.

REFERENCE  
38 02 29.7 N.  
92 46 29.7 W.

DI SPLAY DATES  
DATA 03-05-13  
SEARCH 03-24-13

CH CITY	CALL	TYPE	ANT STATE	AZI ---	DI ST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overl ap	*OUT* in km)
258D	647861	APP	_C_	141. 8	4. 70	38 00 30. 0	0. 250	47. 8	14. 1	-51. 3*	-36. 8*
Camdenton		MO		321. 8	BNPFT20030317BSK	92 44 30. 0	117	375	Covenant	Network	
257C2	KCLR-FM	LIC	_CN	13. 7	83. 95	38 46 34. 0	33. 000	76. 3	51. 3	-5. 6	11. 9
Boonville		MO		193. 8	BLH19900906KA	92 32 45. 0	180	405	Zimmer	Radio Of	Mid-mi ssou
258D	K258BF	LIC	_H_	300. 6	54. 23	38 17 19. 0	0. 150	35. 7	9. 2	9. 0	4. 0
Warsaw		MO		120. 3	BLFT20070718ADW	93 18 32. 0	54	296	Full	Smile, Inc.	
261C2	KBBM	LIC	_CN	30. 8	62. 44	38 31 25. 0	33. 000	5. 7	50. 8	43. 3	10. 4
Jefferson City		MO		211. 0	BLH19910606KE	92 24 25. 0	183	409	Cumul us	Li censi ng	LI c
258A	KADI -FM	LIC	_CN	209. 5	111. 66	37 09 54. 0	6. 000	85. 5	27. 2	13. 7	40. 9
Republic		MO		29. 1	BLH19900626KB	93 23 44. 0	100	469	Vi si on	Communi cations, Inc	
256C3	KY00-FM	LIC	_CN	234. 0	52. 91	37 45 41. 0	25. 000	3. 8	36. 3	37. 3	15. 0
Half Way		MO		53. 7	BLH19950501KD	93 15 42. 0	100	402	Kyoo	Communi cations	
255C3	KFLW	LIC	_CX	105. 1	68. 96	37 52 42. 0	6. 700	3. 8	40. 4	53. 9	27. 5
St. Robert		MO		285. 5	BLH20060919ABV	92 01 04. 0	191	463	Ozark	Medi a, Inc.	
259C3	KTTR-FM	LIC	_CN	87. 8	97. 49	38 04 14. 0	12. 000	58. 3	38. 4	27. 5	40. 6
St. James		MO		268. 4	BLH19950206KB	91 39 53. 0	144	441	Kttr-kznn,	Inc.	
260C3	KBFL-FM	LIC	_NC_	206. 6	64. 68	37 31 14. 0	3. 100	2. 7	30. 5	49. 4	32. 6
Buffalo		MO		26. 4	BLH19981214KA	93 06 14. 0	145	502	Meyer-bal	dri dge, Inc.	
257C2	KUNQ	LIC	_CN	148. 7	123. 17	37 05 32. 0	30. 000	74. 0	50. 8	38. 9	60. 8
Houston		MO		329. 1	BLH19960829KC	92 03 10. 0	184	579	Medi a	Professi onals, Inc.	

Terrain database is NED 03 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= West 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.

# HAAT Calculation

