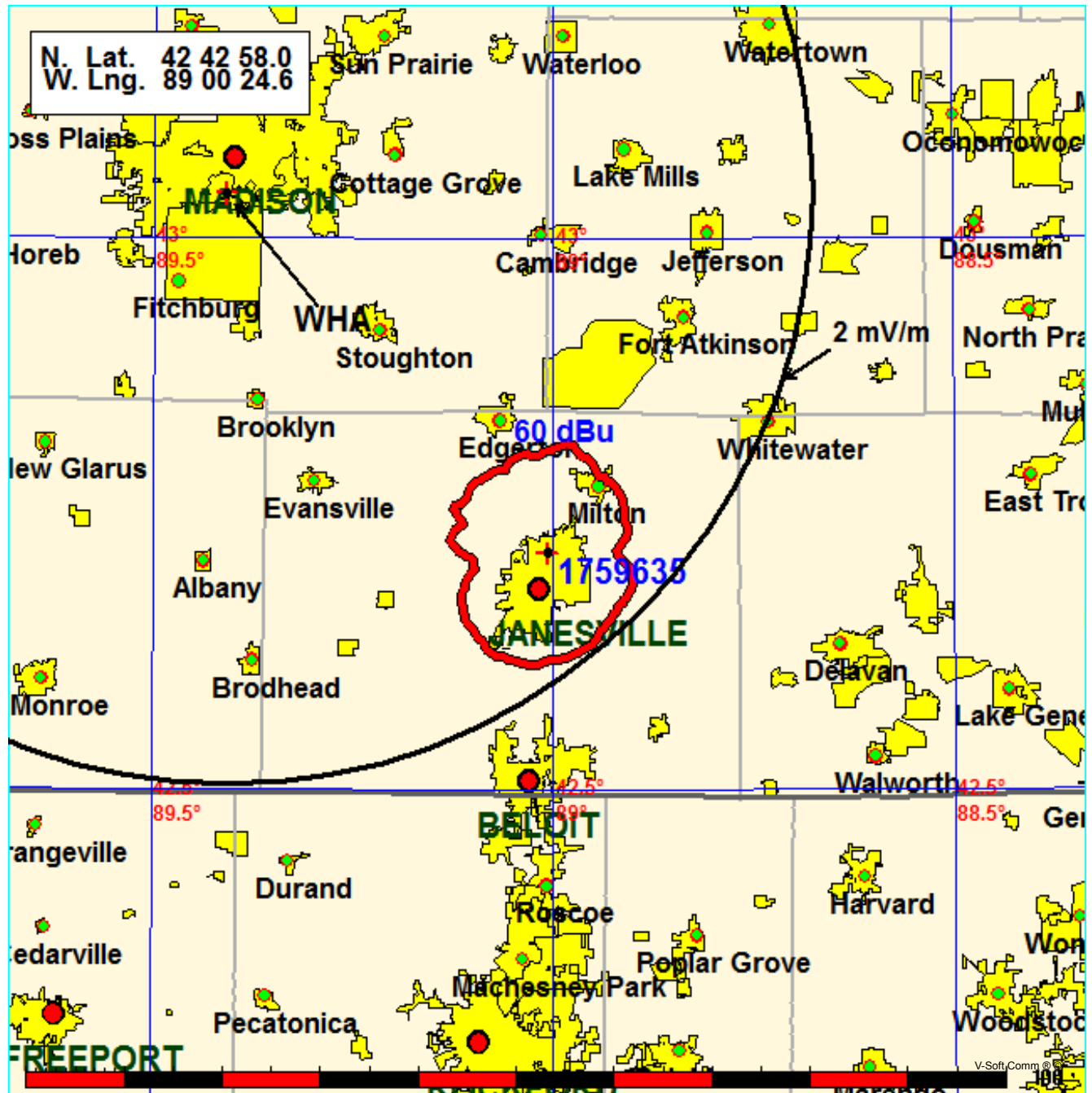


Proposed 60 dBu is Within WHA 2 mV/m  
Board Regents Of Univ Of Wisconsin System

Coverage Study - FCC 30 meter  
11-07-2017

1759635 CH262 D , 0.25 kW, 0.0m HAAT, 323.0m COR AMSL  
Service Contour = 60 dBu. Population = 76,518



N. Lat. = 424258.0 W. Lng. = 890024.6  
 HAAT and Distance to Contour,  
 FCC, FM 2-10 Mi, 51 pts Method - FCC 30 Meter

Distance to Contour - Proposed Translator

Azi.	AV EL	HAAT	ERP kw	dBk	Field	60-F5
000	264.2	58.8	0.2500	-6.02	1.000	10.08
030	268.6	54.4	0.2500	-6.02	1.000	9.70
060	275.8	47.2	0.2500	-6.02	1.000	8.97
090	295.2	27.8	0.2500	-6.02	1.000	7.09
120	273.4	49.6	0.2500	-6.02	1.000	9.23
150	263.5	59.5	0.2500	-6.02	1.000	10.14
180	250.7	72.3	0.2500	-6.02	1.000	11.05
210	241.6	81.4	0.2500	-6.02	1.000	11.67
240	262.5	60.5	0.2500	-6.02	1.000	10.21
270	274.7	48.3	0.2500	-6.02	1.000	9.09
300	265.4	57.6	0.2500	-6.02	1.000	9.98
330	271.0	52.0	0.2500	-6.02	1.000	9.47

Ave E1= 267.22 M HAAT= 55.78 M AMSL= 323.0

MADISON

,WI

Call: WHA

Coordinates: N 43 2 30 W 89 24 31

Frequency: 970 kHz Number of contours: 1

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers : Contour levels in mV/m. 2.000
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0.0	683.74	59.70
5.0	683.74	59.70
10.0	683.74	59.70
15.0	683.74	59.70
20.0	683.74	59.70
25.0	683.74	59.70
30.0	683.74	59.70
35.0	683.74	59.70
40.0	683.74	59.70
45.0	683.74	59.70
50.0	683.74	59.70
55.0	683.74	59.70
60.0	683.74	59.70
65.0	683.74	59.70
70.0	683.74	59.70
75.0	683.74	59.70
80.0	683.74	59.70
85.0	683.74	59.70
90.0	683.74	59.70
95.0	683.74	59.70
100.0	683.74	59.70
105.0	683.74	59.70
110.0	683.74	59.70
115.0	683.74	59.70
120.0	683.74	59.70
125.0	683.74	59.70
130.0	683.74	59.70
135.0	683.74	59.70
140.0	683.74	59.70
145.0	683.74	59.70
150.0	683.74	59.70
155.0	683.74	59.70
160.0	683.74	59.70
165.0	683.74	59.70
170.0	683.74	59.70
175.0	683.74	59.70
180.0	683.74	59.70
185.0	683.74	59.70
190.0	683.74	59.70
195.0	683.74	59.70
200.0	683.74	59.70
205.0	683.74	59.70
210.0	683.74	59.70
215.0	683.74	59.70
220.0	683.74	59.70
225.0	683.74	59.70
230.0	683.74	59.70
235.0	683.74	59.70
240.0	683.74	59.70
245.0	683.74	59.70
250.0	683.74	59.70
255.0	683.74	59.70

260.0	683.74	58.96
265.0	683.74	57.92
270.0	683.74	57.11
275.0	683.74	56.48
280.0	683.74	56.01
285.0	683.74	55.68
290.0	683.74	55.49
295.0	683.74	55.43
300.0	683.74	55.49
305.0	683.74	55.68
310.0	683.74	55.78
315.0	683.74	55.99
320.0	683.74	56.34
325.0	683.74	56.83
330.0	683.74	57.49
335.0	683.74	58.34
340.0	683.74	59.41
345.0	683.74	59.70
350.0	683.74	59.70
355.0	683.74	59.70