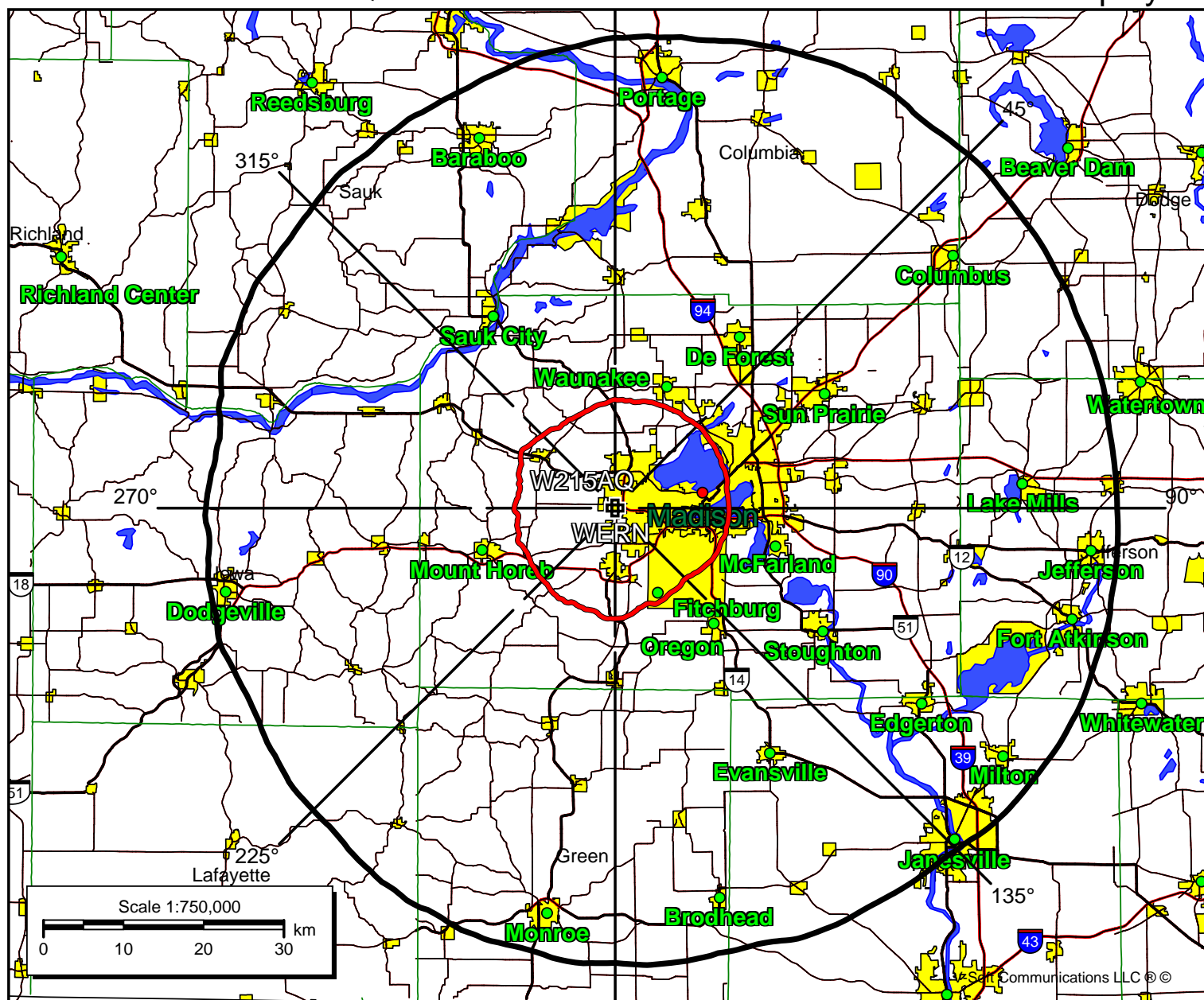


W215AQ as a Fill-in for WERN - 60 dBu Contours are displayed

W215AQ
BLFT19970618TB
 Latitude: 43-03-21 N
 Longitude: 089-32-06 W
 ERP: 0.026 kW
 Channel: 215
 Frequency: 90.9 MHz
 AMSL Height: 468.0 m
 Horiz. Pattern: Omni
 Prop Model: FCC

WERN
BLED19951026KA
 Latitude: 43-03-21 N
 Longitude: 089-32-06 W
 ERP: 20.50 kW
 Channel: 204
 Frequency: 88.7 MHz
 AMSL Height: 686.0 m
 Horiz. Pattern: Directional


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 Cedar Falls, Iowa 50613
 Telecommunication Consultants
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N. Lat. = 430321.0 W. Lng. = 893206.0
 HAAT and Distance to Contour,
 FCC, FM 2-10 Mi, 51 pts Method - USGS 03 SEC

Distance to 60 dBu Contour - W215AQ

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	298.5	169.5	0.0260	-15.85	1.000	9.69
030	282.1	185.9	0.0260	-15.85	1.000	10.15
060	271.8	196.2	0.0260	-15.85	1.000	10.41
090	281.4	186.6	0.0260	-15.85	1.000	10.16
120	298.8	169.2	0.0260	-15.85	1.000	9.67
150	315.7	152.3	0.0260	-15.85	1.000	9.13
180	292.8	175.2	0.0260	-15.85	1.000	9.85
210	308.0	160.0	0.0260	-15.85	1.000	9.38
240	323.8	144.2	0.0260	-15.85	1.000	8.86
270	320.4	147.6	0.0260	-15.85	1.000	8.97
300	297.7	170.3	0.0260	-15.85	1.000	9.71
330	326.1	141.9	0.0260	-15.85	1.000	8.78

Ave El= 301.42 M HAAT= 166.58 M AMSL= 468

N. Lat. = 430321.0 W. Lng. = 893206.0
 HAAT and Distance to Contour,
 FCC, FM 2-10 Mi, 51 pts Method - USGS 03 SEC

WERN, State Of Wisconsin - Educatio, BLED19951026KA

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	298.5	387.5	13.8515	11.41	0.822	58.67
010	301.5	384.5	15.0562	11.78	0.857	59.30
020	287.2	398.8	16.3111	12.12	0.892	60.91
030	282.1	403.9	17.9984	12.55	0.937	62.19
040	276.5	409.5	16.6789	12.22	0.902	61.77
050	270.5	415.5	17.0882	12.33	0.913	62.36
060	271.8	414.2	17.3889	12.40	0.921	62.46
070	274.1	411.9	17.7686	12.50	0.931	62.54
080	283.5	402.5	18.5402	12.68	0.951	62.41
090	281.4	404.6	18.6574	12.71	0.954	62.59
100	284.8	401.2	19.5278	12.91	0.976	62.85
110	291.0	395.0	20.5000	13.12	1.000	62.96
120	298.8	387.2	20.5000	13.12	1.000	62.49
130	316.6	369.4	20.5000	13.12	1.000	61.39
140	319.1	366.9	17.4645	12.42	0.923	59.68
150	315.7	370.3	15.7312	11.97	0.876	58.88
160	318.7	367.3	13.9190	11.44	0.824	57.53
170	305.9	380.1	12.3128	10.90	0.775	57.12
180	292.8	393.2	10.9245	10.38	0.730	56.72
190	306.9	379.1	11.2866	10.53	0.742	56.24
200	309.7	376.3	11.1955	10.49	0.739	56.00
210	308.0	378.0	9.9591	9.98	0.697	54.99
220	313.8	372.2	8.8758	9.48	0.658	53.58
230	317.5	368.5	8.6346	9.36	0.649	53.10
240	323.8	362.2	7.7284	8.88	0.614	51.69
250	316.0	370.0	7.6281	8.82	0.610	52.03
260	323.3	362.7	7.5781	8.80	0.608	51.54
270	320.4	365.6	7.0396	8.48	0.586	51.02
280	330.5	355.5	6.7778	8.31	0.575	50.06
290	315.3	370.7	7.7284	8.88	0.614	52.19
300	297.7	388.3	7.2331	8.59	0.594	52.55
310	309.6	376.4	7.8548	8.95	0.619	52.67
320	318.0	368.0	9.5350	9.79	0.682	54.00
330	326.1	359.9	10.6863	10.29	0.722	54.58
340	322.4	363.6	11.4698	10.60	0.748	55.47
350	311.2	374.8	12.8914	11.10	0.793	57.25

Ave El= 303.91 M HAAT= 382.09 M AMSL= 686 M