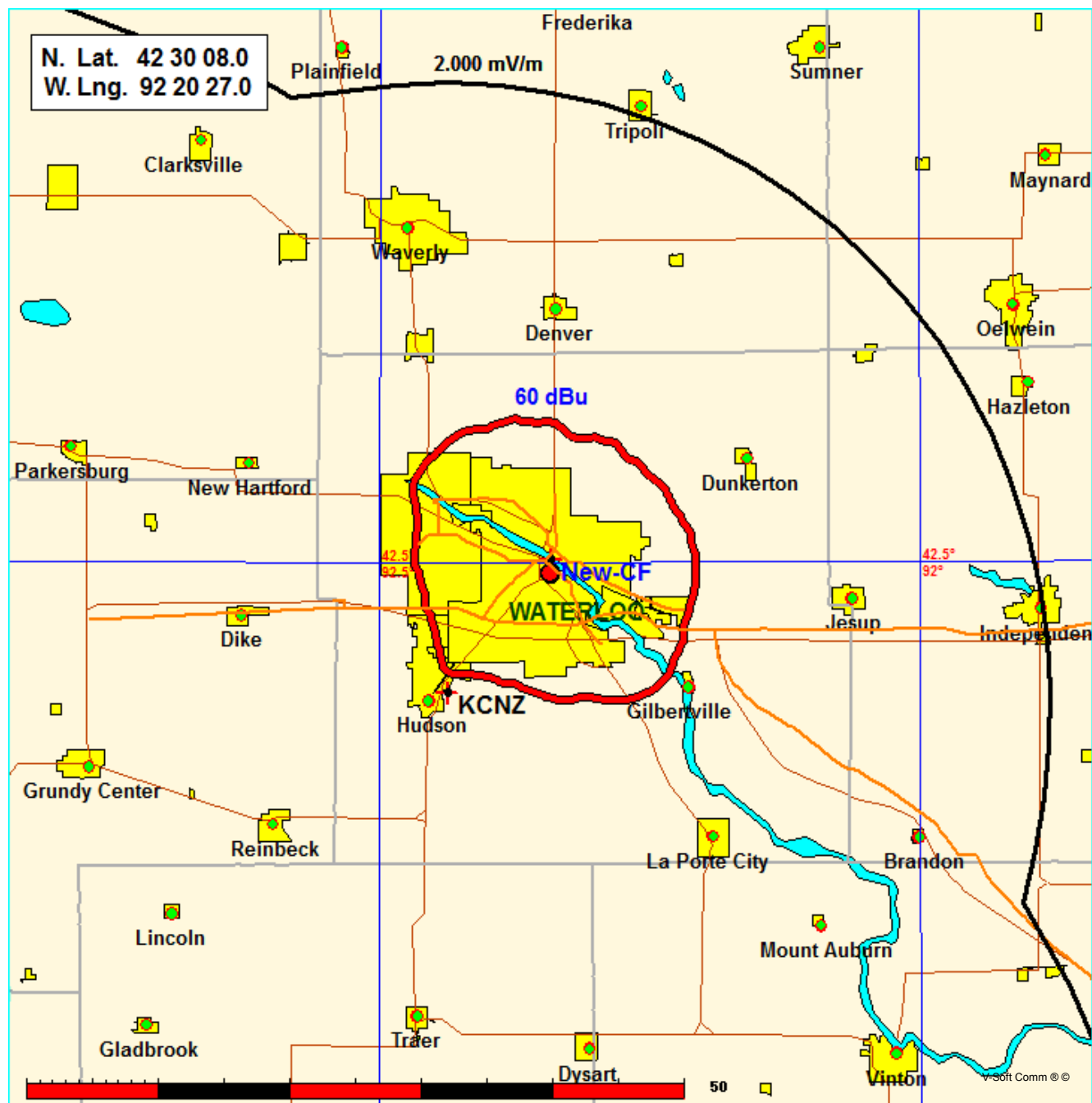


60 dBu Coverage Map- Cross-Service Translator Coverage Map
Coloff Media LLC.

Coverage Study - GLOBE 30 Sec
01-16-2018

New-CF CH272 D , 0.25 kW, 68.8m HAAT, 347.4m COR AMSL
Service Contour = 60 dBu. Population = 107,731



N. Lat. = 42-30-08.0 W. Lng. = 92-20-27.0
 HAAT and Distance to Contour,
 FCC, FM 2-10 Mi, 51 pts Method - GLOBE 30 SEC

Proposed 60 dBu Distance to Contour

Azi.	AV EL	HAAT	ERP kw	dBk	Field	60-F5
000	286.5	60.9	0.2500	-6.02	1.000	10.24
030	290.2	57.2	0.2500	-6.02	1.000	9.95
060	288.5	58.9	0.2500	-6.02	1.000	10.09
090	276.3	71.1	0.2500	-6.02	1.000	10.97
120	267.2	80.2	0.2500	-6.02	1.000	11.58
150	259.7	87.7	0.2500	-6.02	1.000	12.08
180	283.9	63.5	0.2500	-6.02	1.000	10.43
210	287.3	60.1	0.2500	-6.02	1.000	10.19
240	285.0	62.4	0.2500	-6.02	1.000	10.35
270	284.0	63.4	0.2500	-6.02	1.000	10.42
300	261.3	86.1	0.2500	-6.02	1.000	11.98
330	273.3	74.1	0.2500	-6.02	1.000	11.17

Ave Elevation = 278.61 M HAAT = 68.79 M AMSL = 347.4

CEDAR FALLS , IA

Call: KCNZ

Coordinates: N 42 24 47 W 92 26 15

Frequency: 1650 kHz Number of contours: 1

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers : Contour levels in mV/m. 2.000
-----	-----	-----
0.0	1377.36	45.66
5.0	1377.36	45.64
10.0	1377.36	45.62
15.0	1377.36	45.61
20.0	1377.36	45.60
25.0	1377.36	45.60
30.0	1377.36	45.59
35.0	1377.36	45.59
40.0	1377.36	45.59
45.0	1377.36	45.59
50.0	1377.36	45.60
55.0	1377.36	45.60
60.0	1377.36	45.61
65.0	1377.36	45.63
70.0	1377.36	45.65
75.0	1377.36	45.67
80.0	1377.36	45.70
85.0	1377.36	45.74
90.0	1377.36	45.80
95.0	1377.36	45.88
100.0	1377.36	46.00
105.0	1377.36	46.20
110.0	1377.36	46.55
115.0	1377.36	52.17
120.0	1377.36	58.15
125.0	1377.36	59.92
130.0	1377.36	61.61
135.0	1377.36	62.94
140.0	1377.36	64.05
145.0	1377.36	64.34
150.0	1377.36	64.34
155.0	1377.36	64.34
160.0	1377.36	64.34
165.0	1377.36	64.34
170.0	1377.36	64.34
175.0	1377.36	64.34
180.0	1377.36	64.34
185.0	1377.36	64.34
190.0	1377.36	64.34
195.0	1377.36	64.34
200.0	1377.36	64.34

205.0	1377.36	64.34
210.0	1377.36	64.34
215.0	1377.36	64.34
220.0	1377.36	64.34
225.0	1377.36	64.34
230.0	1377.36	64.34
235.0	1377.36	64.34
240.0	1377.36	64.34
245.0	1377.36	64.34
250.0	1377.36	64.34
255.0	1377.36	64.34
260.0	1377.36	64.34
265.0	1377.36	64.34
270.0	1377.36	64.34
275.0	1377.36	64.34
280.0	1377.36	64.34
285.0	1377.36	64.34
290.0	1377.36	64.34
295.0	1377.36	64.34
300.0	1377.36	64.34
305.0	1377.36	64.34
310.0	1377.36	64.34
315.0	1377.36	64.34
320.0	1377.36	64.34
325.0	1377.36	64.34
330.0	1377.36	59.54
335.0	1377.36	53.98
340.0	1377.36	50.79
345.0	1377.36	46.06
350.0	1377.36	45.72
355.0	1377.36	45.68