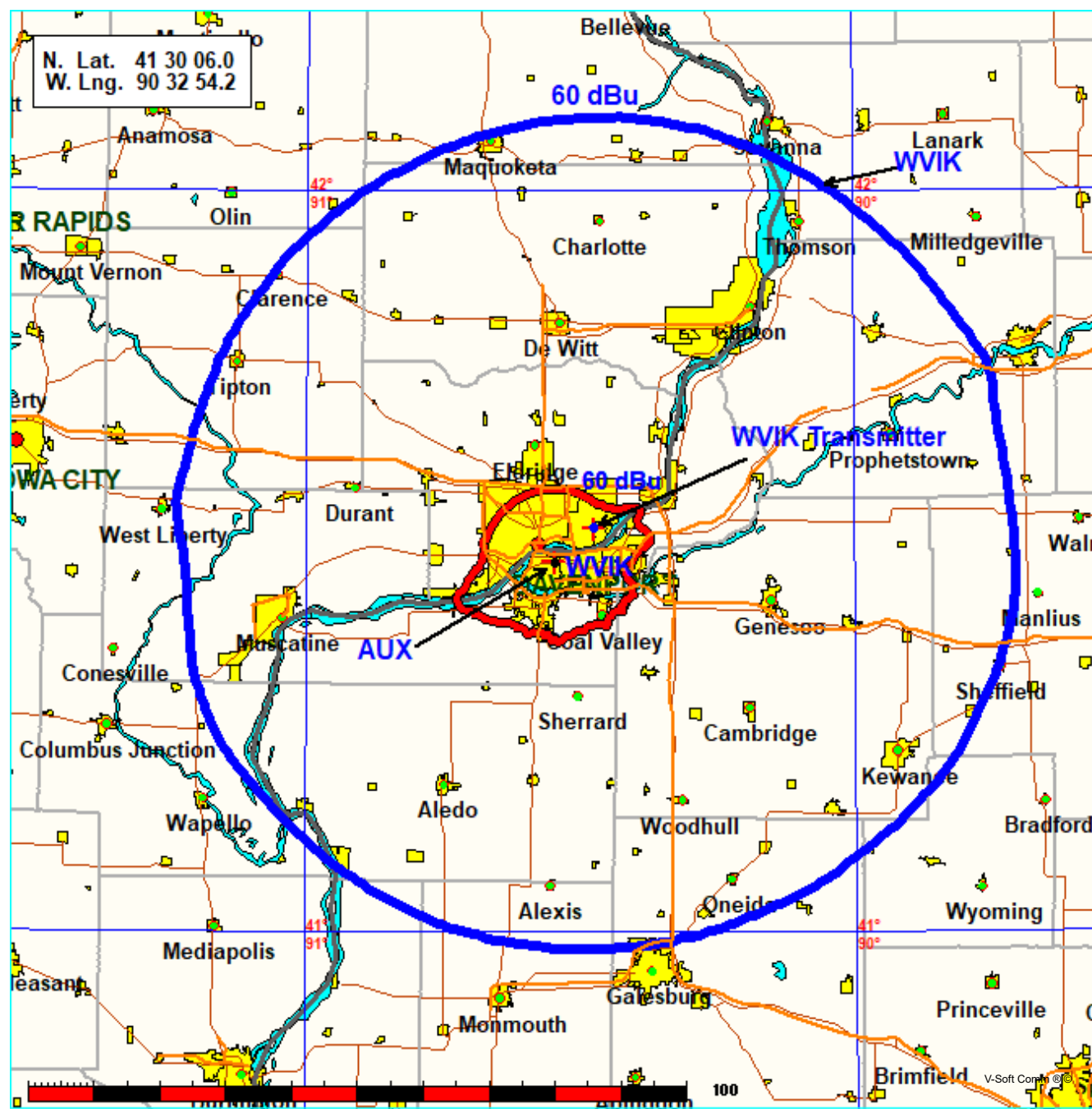


WVIK Auxiliary and Main 60 dBu Contours
Augustana College

Coverage Study - FCC 30 meter
06-13-2018



N. Lat. = 41 32 49.0 W. Lng. = 90 28 35.0
HAAT and Distance to Contour,
FCC, FM 2-10 Mi, 51 pts Method - FCC 30 Meter

WVIK, Augustana College, BLED19911010KA

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	226.5	309.5	31.0000	14.91	1.000	61.33
045	211.6	324.4	31.0000	14.91	1.000	62.39
090	191.6	344.4	31.0000	14.91	1.000	63.80
135	190.3	345.7	31.0000	14.91	1.000	63.90
180	197.8	338.2	31.0000	14.91	1.000	63.37
225	187.4	348.6	31.0000	14.91	1.000	64.10
270	204.2	331.8	31.0000	14.91	1.000	62.91
315	225.0	311.0	31.0000	14.91	1.000	61.44

Ave El= 204.29 M HAAT= 331.71 M AMSL= 536 M

N. Lat. = 41-30-06.0 W. Lng. = 90-32-54.2
HAAT and Distance to Contour,
FCC, FM 2-10 Mi, 51 pts Method - FCC 30 Meter

WVIK Proposed Auxiliary

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	217.5	19.2	1.2500	0.97	1.000	10.73
045	203.1	33.6	1.2500	0.97	1.000	11.26
090	199.1	37.6	1.2500	0.97	1.000	11.86
135	198.4	38.3	1.2500	0.97	1.000	11.97
180	199.7	37.0	1.2500	0.97	1.000	11.78
225	191.6	45.1	1.2500	0.97	1.000	12.98
270	205.8	30.9	1.2500	0.97	1.000	10.87
315	214.6	22.1	1.2500	0.97	1.000	10.73

Ave El= 203.71 M HAAT= 32.99 M AMSL= 236.7