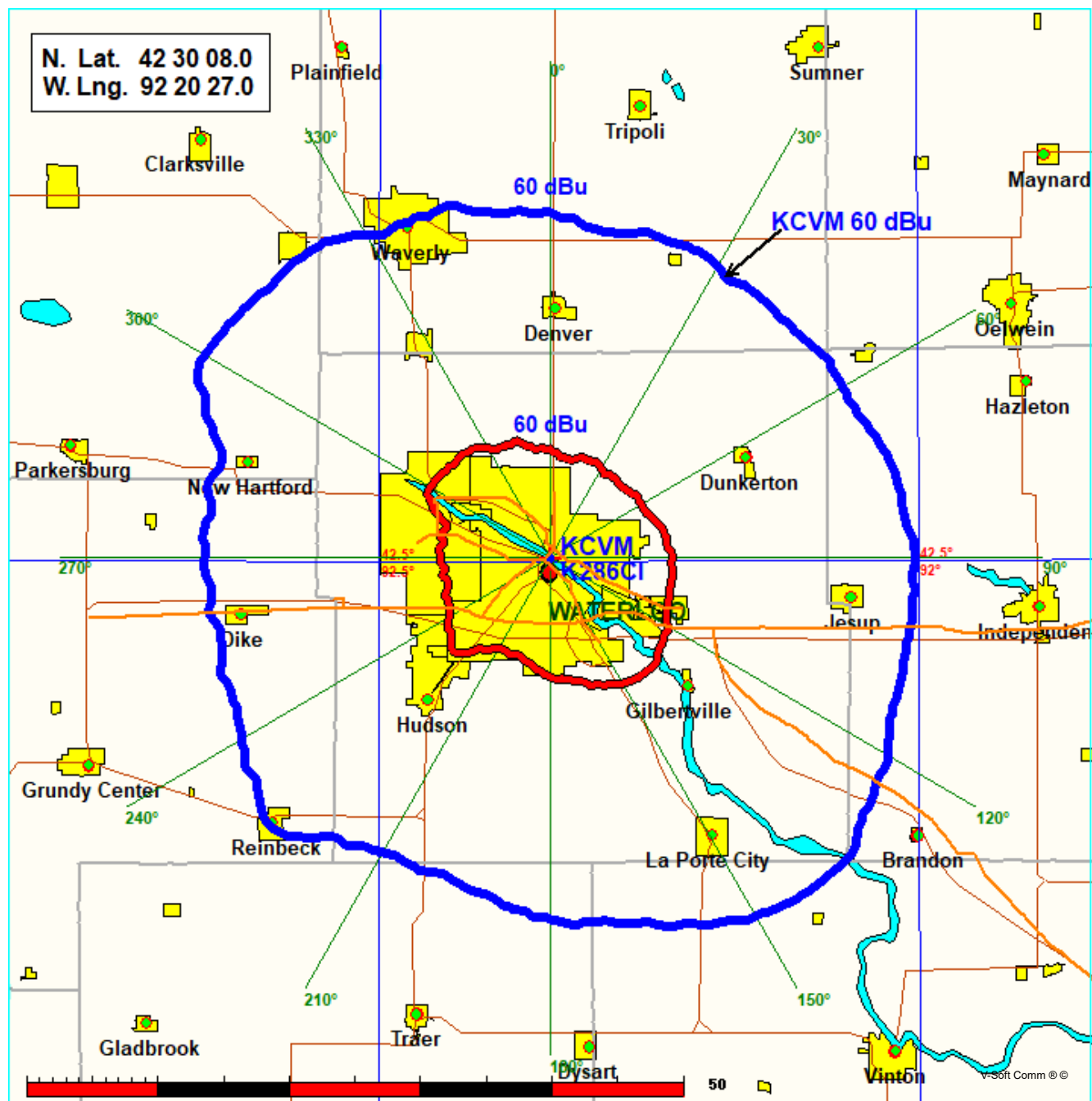


60 dBu Coverage Comparison
Coloff Media, LLC

Coverage Study - FCC 30 meter
10-10-2018



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 - FCC 30 Meter

Distance to Contour and Radial Cardinal HAATs

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	285.8	40.4	0.2500	-6.02	1.000	8.21
030	289.5	36.7	0.2500	-6.02	1.000	7.79
060	287.9	38.3	0.2500	-6.02	1.000	7.97
090	275.9	50.3	0.2500	-6.02	1.000	9.30
120	264.9	61.3	0.2500	-6.02	1.000	10.27
150	256.7	69.5	0.2500	-6.02	1.000	10.86
180	279.4	46.8	0.2500	-6.02	1.000	8.93
210	288.3	37.9	0.2500	-6.02	1.000	7.93
240	279.3	46.9	0.2500	-6.02	1.000	8.95
270	284.0	42.2	0.2500	-6.02	1.000	8.41
300	259.8	66.4	0.2500	-6.02	1.000	10.64
330	274.3	51.9	0.2500	-6.02	1.000	9.46

Ave El= 277.16 M HAAT= 49.04 M AMSL= 326.2

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 - FCC 30 Meter

KCVM, Coloff Media, LLC, BLH-20161121AAS

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	285.8	61.6	11.0000	10.41	1.000	26.04
045	290.6	56.8	11.0000	10.41	1.000	25.18
090	275.9	71.5	11.0000	10.41	1.000	27.73
135	251.3	96.1	11.0000	10.41	1.000	31.95
180	279.4	68.0	11.0000	10.41	1.000	27.14
225	267.5	79.9	11.0000	10.41	1.000	29.18
270	284.0	63.4	11.0000	10.41	1.000	26.35
315	265.2	82.2	11.0000	10.41	1.000	29.57

Ave El= 274.96 M HAAT= 72.44 M AMSL= 347.4 M