

Amendment Purpose

The purpose of this amendment is to move the construction permit to Vertical Bridge's tower with ASR # 1271888. Coverage of the community of license, Rochester, is maintained, and the channel and class are unchanged.

Reasonable Assurance

The contact for Vertical Bridge tower with ASR # 1271888 is:

Joe Meleski
Authorized Representative (VP of Broadcast Leasing)
812-430-3551

768557 Rochester 202A

Vanguard Assoc. of Sunbelt Colleges Corp.

REFERENCE
39 40 17.50 N.
89 32 32.00 W.CH# 202A - 88.3 MHz, Pwr= 1.08 kW DA, HAAT= 71.9 M, COR= 249.1 M
Average Protected F(50-50)= 15.76 km
Standard DirectionalDISPLAY DATES
DATA 09-14-23
SEARCH 09-14-23

CH CITY	CALL	TYPE STATE	ANT --	AZI <--	DI ST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
202B Ramsey	WJLY	LIC DCN IL		147.4 327.7	70.68 BLED19990303KA	39 08 06.20 89 06 02.30	25.000 153	64.2 330	20.8 Countryside Broadcasting	0.0	26.7
205A Springfield	WTTT	LIC _CN IL		327.6 147.5	17.12 0000113853	39 48 05.50 89 38 59.00	0.200 82	1.0 250	10.7 Covenant Network	0.1	4.9
201A Petersburg	WLWJ	LIC DCN IL		340.2 160.1	38.98 BLED20011010AAC	40 00 05.20 89 41 49.40	6.000 100	18.6 273	12.3 Good News Radio, Inc.	3.7	1.5
202A White Hall	WRLJ	LIC _CN IL		254.0 73.4	77.85 BLED20060821ADI	39 28 31.10 90 24 51.40	2.000 75	60.7 247	16.8 Good News Radio, Inc.	2.1	6.1
202A Clinton	WQOT	CP DCN IL		47.6 228.0	85.29 0000214026	40 11 13.00 88 48 04.00	2.300 62	62.4 283	18.6 2820 Communications Inc	8.0	18.0
203B Pekin	WBNH	LIC DCN IL		359.3 179.3	108.58 BLED20060906AAM	40 38 53.10 89 33 26.30	48.000 154	75.5 339	49.3 Central Illinois Radio Fel	16.6	33.3
201A Decatur	WNLD	LIC DCN IL		71.7 252.1	49.48 BLED19941202KA	39 48 35.10 88 59 31.30	1.000 93	17.8 291	11.8 University Of Northwestern	19.4	21.4
205A Lincoln	WLNK	LIC _CN IL		15.9 196.0	56.07 BLED20111208DLZ	40 09 23.10 89 21 40.30	0.225 21	1.1 203	7.6 Lincoln University	38.4	46.9
205A Oreana	WDCR	LIC DCN IL		63.4 243.9	64.88 BLED20110316ACJ	39 55 50.00 88 51 41.30	1.100 50	1.6 257	13.1 St. Mary's Hospital, Decat	49.6	49.9

Terrain database is GLOBE 30 Sec , R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone= - ZN1, Co to 3rd adjacent.

All separation margins (if shown) include rounding.

Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)

« = Station meets FCC minimum distance spacing for its class.

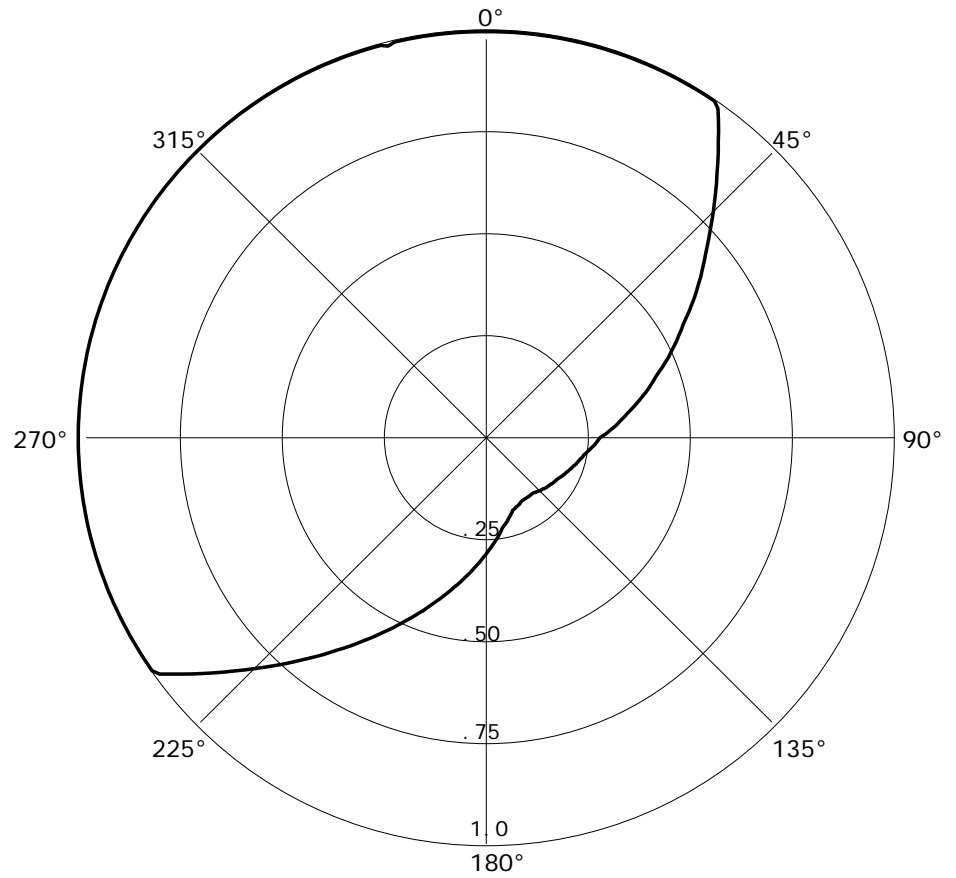
1271888

09-14-2023

RMS(V) = .753

Graph is Relative Field

Azi	Field	dBk	kW
000	1.000	00.334	1.080
010	1.000	00.334	1.080
020	1.000	00.334	1.080
030	1.000	00.334	1.080
040	0.883	-00.747	0.842
050	0.701	-02.751	0.531
060	0.557	-04.749	0.335
070	0.443	-06.738	0.212
080	0.352	-08.735	0.134
090	0.279	-10.754	0.084
100	0.243	-11.954	0.064
110	0.221	-12.778	0.053
120	0.202	-13.559	0.044
130	0.191	-14.045	0.039
140	0.178	-14.657	0.034
150	0.178	-14.657	0.034
160	0.190	-14.091	0.039
170	0.226	-12.584	0.055
180	0.286	-10.538	0.088
190	0.360	-08.540	0.140
200	0.453	-06.544	0.222
210	0.570	-04.548	0.351
220	0.717	-02.555	0.555
230	0.903	-00.552	0.881
240	1.000	00.334	1.080
250	1.000	00.334	1.080
260	1.000	00.334	1.080
270	1.000	00.334	1.080
280	1.000	00.334	1.080
290	1.000	00.334	1.080
300	1.000	00.334	1.080
310	1.000	00.334	1.080
320	1.000	00.334	1.080
330	1.000	00.334	1.080
340	1.000	00.334	1.080
350	1.000	00.334	1.080



Azi	Field
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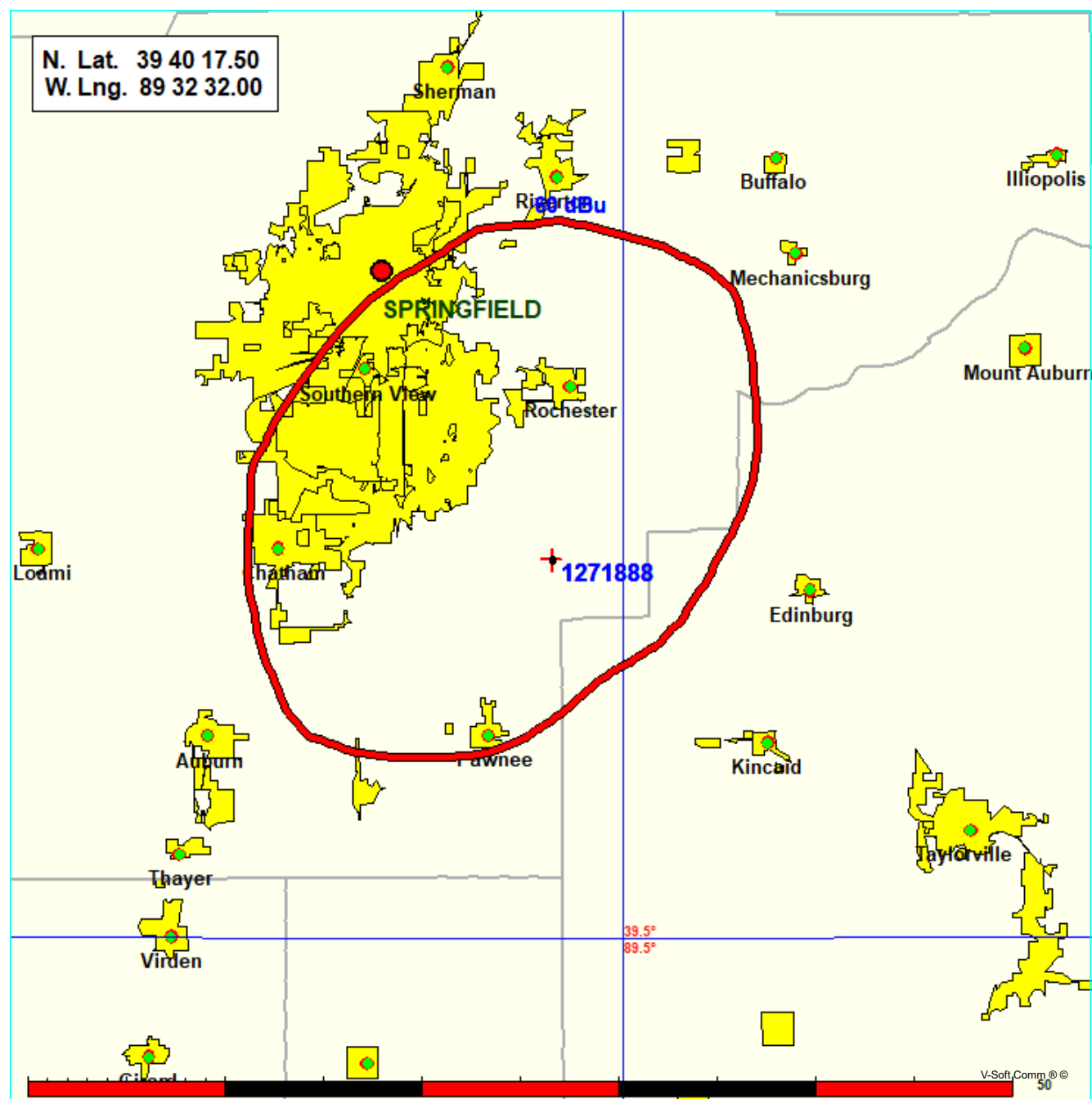
034	1.000
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235	1.000
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768557 Rochester 202A
Vanguard Assoc. of Sunbelt Colleges Corp.

Coverage Study - GLOBE 30 Sec
09-14-2023

1271888 CH202 A , 1.08 kW, 71.9m HAAT, 249.1m COR AMSL
Service Contour = 60 dBu.

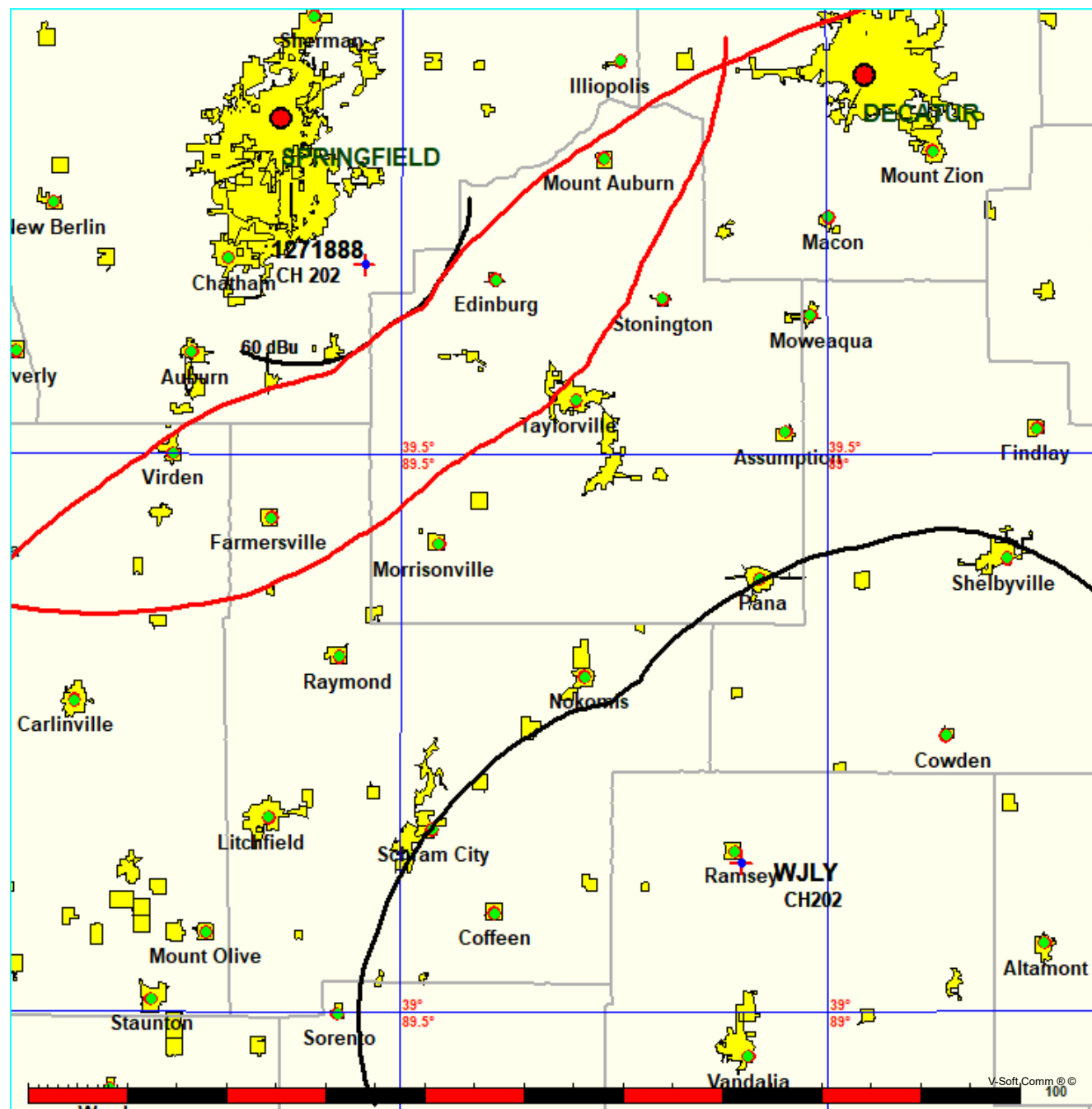


768557 Rochester 202A
Vanguard Assoc. of Sunbelt Colleges Corp.

FMCommander Single Allocation Study - 09-14-2023 - GLOBE 30 Sec
1271888's Overlaps (In= 0.02 km, Out= 26.67 km)

1271888 CH 202 A DA
Lat= 39 40 17.50, Lng= 89 32 32.00
1.08 kW 71.9 m HAAT, 249.1 m COR
Prot.= 60 dBu, Intef.= 40 dBu

WJLY CH 202 B DA BLED19990303KA
Lat= 39 08 06.20, Lng= 89 06 02.30
25.0 kW 153 m HAAT, 330 m COR
Prot.= 60 dBu, Intef.= 40 dBu

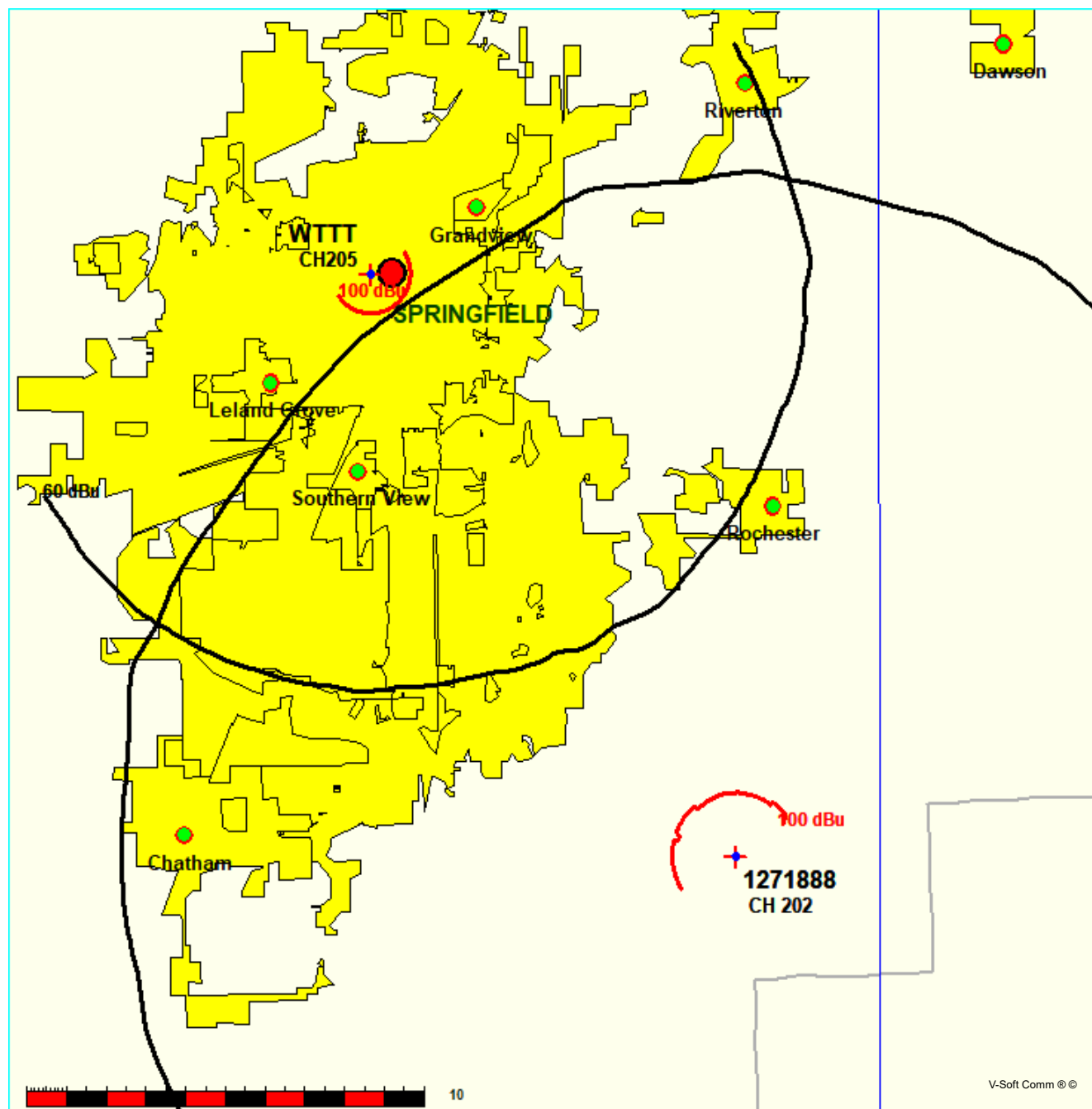


768557 Rochester 202A
Vanguard Assoc. of Sunbelt Colleges Corp.

FMCommander Single Allocation Study - 09-14-2023 - GLOBE 30 Sec
1271888's Overlaps (In= 0.13 km, Out= 4.87 km)

1271888 CH 202 A DA
Lat= 39 40 17.50, Lng= 89 32 32.00
1.08 kW 71.9 m HAAT, 249.1 m COR
Prot.= 60 dBu, Intef.= 100 dBu

WTTT CH 205 A 0000113853
Lat= 39 48 05.50, Lng= 89 38 59.00
0.2 kW 82 m HAAT, 250 m COR
Prot.= 60 dBu, Intef.= 100 dBu



The potential for human exposure to non-ionizing radiofrequency radiation at the proposed transmitter site has been evaluated. There are no other known broadcast facilities within 315 meters of the proposed antenna site for the proposed station serving Rochester, IL.

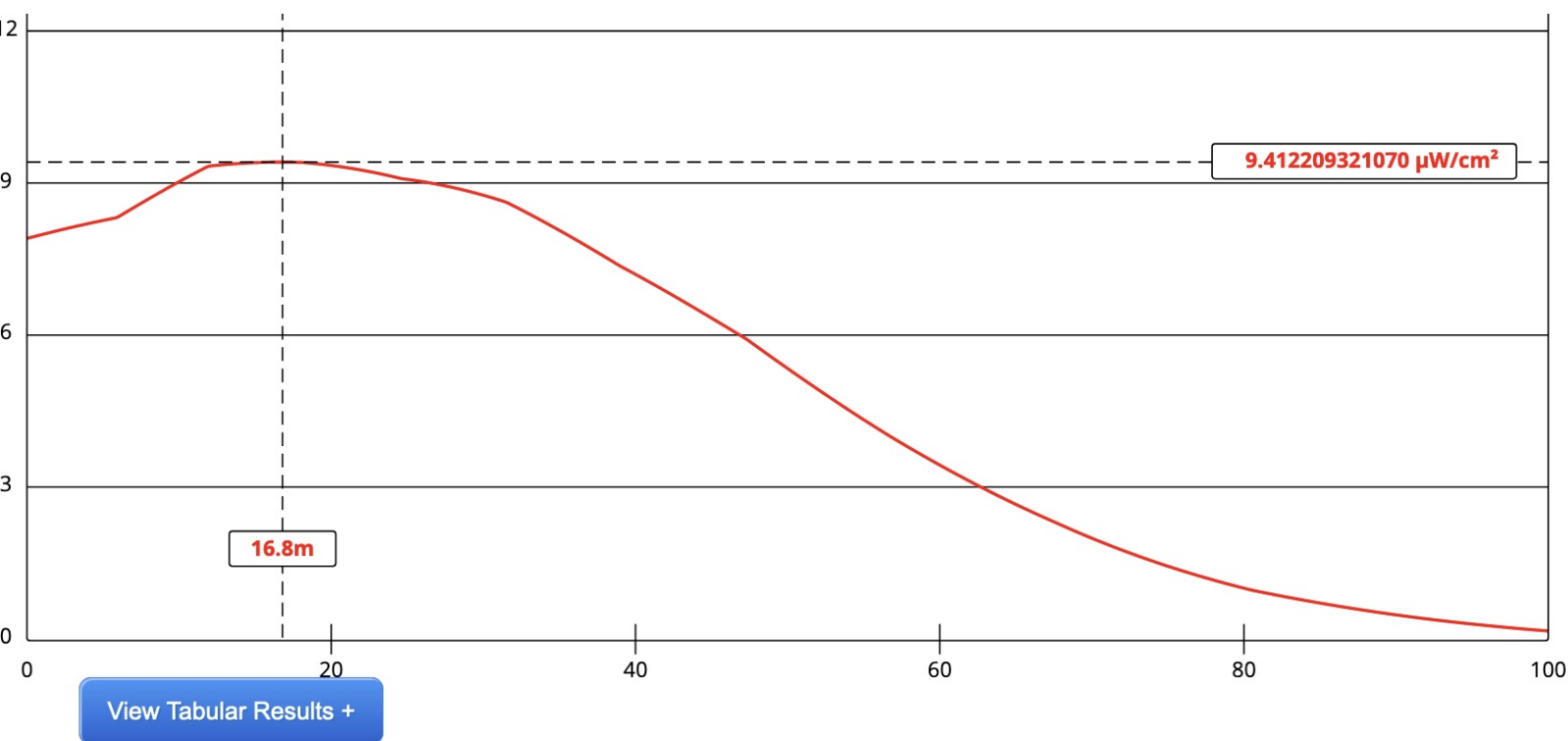
The new facility will operate on 88.3 MHz with a maximum effective radiated power (ERP) of 1.08 kW in both Horizontal and Vertical. The facility will operate with a two element directional antenna mounted 69.6 meters above ground level (AGL). For purposes of this study, a worst case two bay, EPA Type 1 element antenna as defined from FCC program FM Model Version has been assumed

The result of the evaluation with FMModel¹ for this proposed station is included on the last page of this exhibit. It shows that the maximum potential exposure from this proposed station will be $9.41 \frac{\mu W}{cm^2}$ at a distance of approximately 16.8 meters from the tower site. This is less than the $200 \frac{\mu W}{cm^2}$ that is acceptable for exposure to the general public.

In addition to the protection afforded by the proposed antenna heights above ground, the facility is properly marked with signs, and entry to the facility is restricted by means of fencing with locked doors and/or gates. Any other means that may be required to protect employees and the general public will be employed.

In the event work is required in proximity to the antenna(s) such that the person or persons working in the area will be potentially exposed to fields in excess of the current guidelines, applicant will cause their proposed transmitter to reduce power, or cease operation during the critical period.

¹<https://www.fcc.gov/general/fm-model>



Channel Selection	Channel 202 (88.3 MHz) ▾		
Antenna Type +	EPA Type 1: Ring-and-Stub or "Other" ▾		
Height (m)	<input type="text" value="69.6"/>	Distance (m)	<input type="text" value="100"/>
ERP-H (W)	<input type="text" value="1080"/>	ERP-V (W)	<input type="text" value="1080"/>
Num of Elements	<input type="text" value="2"/>	λ	<input type="text" value="1"/>
Num of Points	<input type="text" value="500"/>	<input type="button" value="Apply"/>	