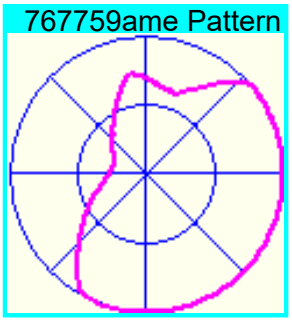
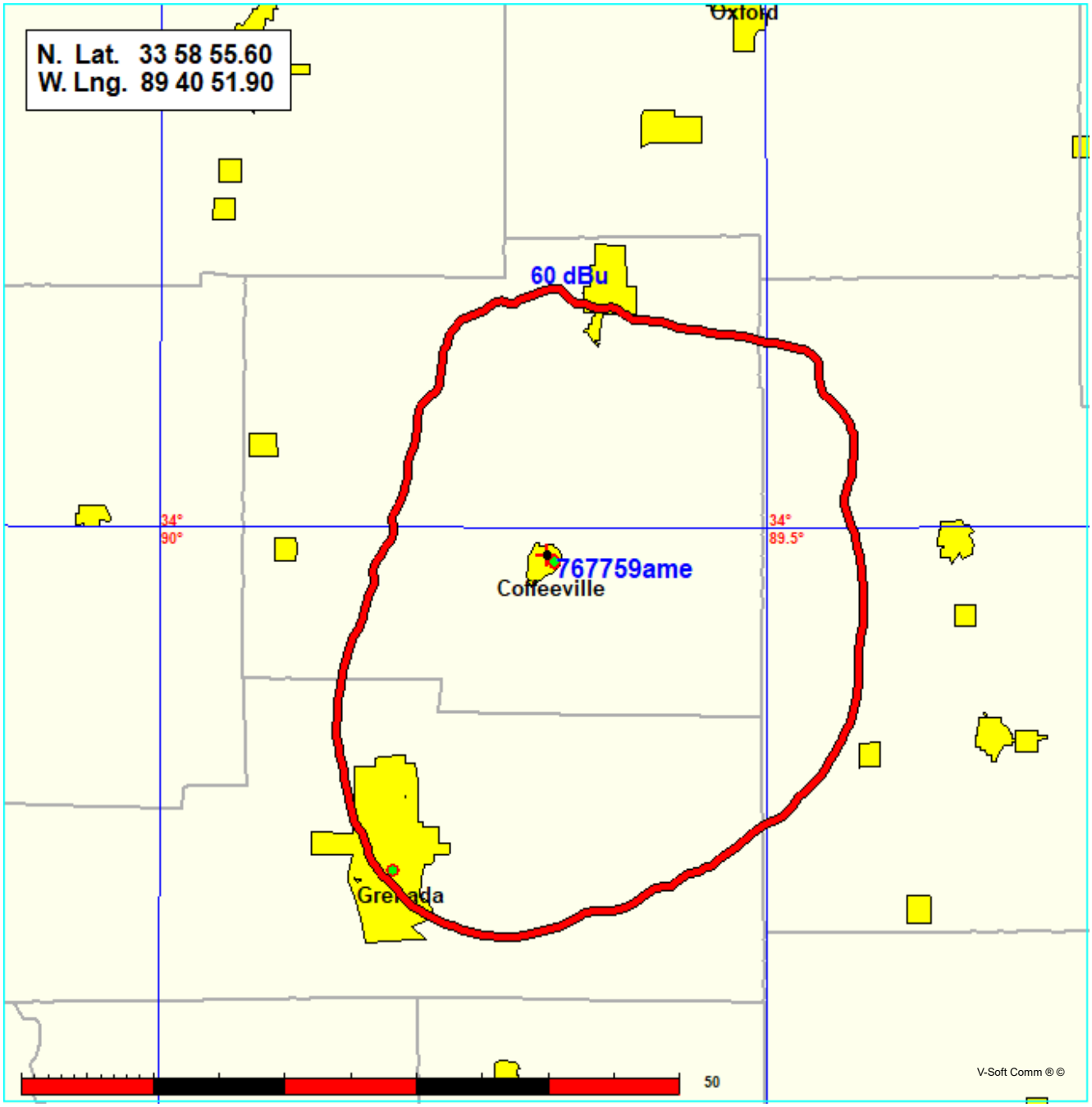
767759 amended to Coffeeville, MS, 201A
Elijah Radio

Coverage Study - GLOBE 30 Sec
01-18-2022

767759ame CH201 A , 5.0 kW, 84.2m HAAT, 180.8m COR AMSL
Service Contour = 60 dBu.

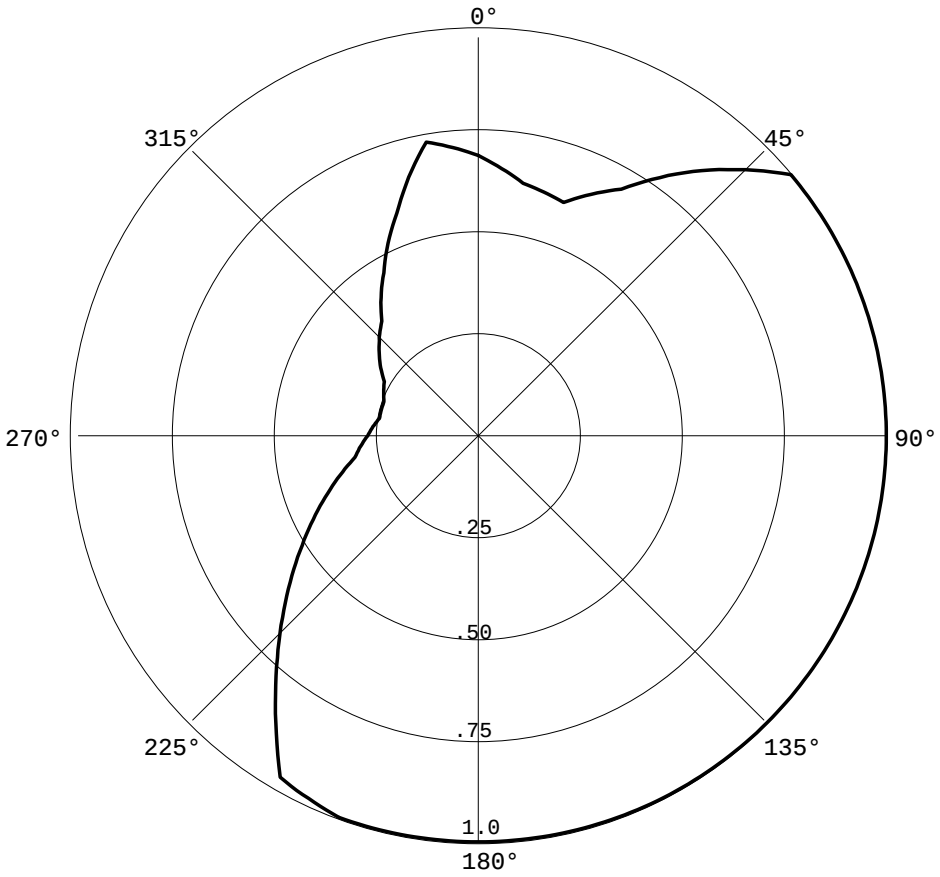




767759ame 01-18-2022 RMS(V)= .789

Azi	Field	dBk	kW
000	0.690	03.767	2.380
010	0.631	02.990	1.991
020	0.611	02.711	1.867
030	0.701	03.904	2.457
040	0.852	05.598	3.630
050	1.000	06.990	5.000
060	1.000	06.990	5.000
070	1.000	06.990	5.000
080	1.000	06.990	5.000
090	1.000	06.990	5.000
100	1.000	06.990	5.000
110	1.000	06.990	5.000
120	1.000	06.990	5.000
130	1.000	06.990	5.000
140	1.000	06.990	5.000
150	1.000	06.990	5.000
160	1.000	06.990	5.000
170	1.000	06.990	5.000
180	1.000	06.990	5.000
190	1.000	06.990	5.000
200	1.000	06.990	5.000
210	0.971	06.734	4.714
220	0.771	04.731	2.972
230	0.613	02.739	1.879
240	0.487	00.740	1.186
250	0.386	-01.279	0.745
260	0.307	-03.268	0.471
270	0.271	-04.351	0.367
280	0.246	-05.192	0.303
290	0.246	-05.192	0.303
300	0.266	-04.513	0.354
310	0.317	-02.989	0.502
320	0.368	-01.693	0.677
330	0.463	00.301	1.072
340	0.583	02.303	1.699
350	0.734	04.304	2.694

Graph is Relative Field



767759 amended to Coffeeville, MS, 201A
Elijah Radio

REFERENCE CH# 201A - 88.1 MHz, Pwr= 5 kW DA, HAAT= 84.2 M, COR= 180.8 M DISPLAY DATES
33 58 55.60 N. Average Protected F(50-50)= 25.04 km DATA 01-13-22
89 40 51.90 W. Standard Directional SEARCH 01-16-22

CH CALL / CITY	TYPE ANT / STATE	AZI <--	DIST / FILE #	LAT / LNG	PWR(kW) / HAAT(M)	INT(km) / COR(M)	PRO(km) / LICENSEE	*IN* (Overlap in km)	*OUT*
202C1 768007	APP DCN	287.5	84.90	34 12 31.10	47.000	72.6	47.5	0.2	19.8
Coahoma	MS	107.0	0000167883	90 33 42.20	121	170	Full Potential Ministry		
201A WURC	LIC _CN	13.5	91.43	34 46 53.30	3.000	72.6	21.7	0.2	5.0
Holly Springs	MS	193.7	BLED19880711KC	89 26 49.30	83	231	Rust College, Inc.		
201C WMAW-FM	LIC _CN	164.9	212.16	32 08 18.50	100.000	175.5	74.6	9.5	54.2
Meridian	MS	345.2	BMLED20090522AAV	89 05 36.20	320	458	Mississippi Authority For		
202C1 WAFR	LIC DCN	57.7	103.30	34 28 28.40	75.000	54.7	35.3	24.2	25.5
Tupelo	MS	238.3	BLED20021108AAC	88 43 41.20	150	271	American Family Associatio		
204C1 WYTF	LIC DVN	242.8	96.04	33 35 03.40	100.000	6.9	58.2	67.8	36.0
Indianola	MS	62.3	BLED20040901AAU	90 36 13.30	194	229	American Family Associatio		
201A 765274	APP _CN	286.8	85.81	34 12 07.40	0.300	24.9	7.4	48.7	37.1
Clarksdale	MS	106.3	0000166988	90 34 28.20	18	65	Open Sky Radio Corp		
202C3 767183	APP _CN	287.4	86.49	34 12 40.00	12.000	34.3	22.4	40.1	46.5
Clarksdale	MS	106.9	0000167371	90 34 44.00	44	92	Community Service Broadcas		
201C3 KARH	LIC _CN	329.4	158.07	35 12 11.30	4.200	89.8	31.9	50.0	68.9
Forrest City	AR	148.9	BLED20090811AAY	90 33 57.40	155	217	American Family Associatio		
204A WJZB	LIC _CN	125.6	98.55	33 27 47.40	1.000	1.6	16.1	70.4	79.8
Starkville	MS	306.1	BLED20050815ABJ	88 49 01.20	74	156	American Family Associatio		
203C2 WQOX	LIC _CN	354.4	131.01	35 09 17.30	30.000	4.8	44.9	106.5	84.2
Memphis	TN	174.3	BLED19901205KA	89 49 20.30	131	224	Shelby County Schools		
203C2 767097	APP DCN	153.2	123.95	32 59 08.00	50.000	3.7	35.4	93.8	85.7
Noxapater	MS	333.5	0000167681	89 04 54.00	66	212	National Association For T		
254A WNEV«	LIC NCN	296.1	97.89	34 21 56.40	6.000	192.0	87.8	9.5R	88.4M
Friars Point	MS	115.6	BLH20090629ADF	90 38 14.40	100	148	L.T. Simes II & Raymond Si		
255C3 WAJV«	LIC ZCN	125.3	105.44	33 25 49.40	13.000	192.0	87.8	11.5R	93.9M
Brooksville	MS	305.9	BLH20190617AAI	88 45 17.20	139	222	Gtr Licenses, LLC		
203A 768441	APP _CN	153.4	123.89	32 59 04.50	5.000	1.6	15.0	95.8	106.3
Noxapater	MS	333.7	0000167480	89 05 08.20	38	180	Mt. Vernon Missionary Bapt		
203A 1048699	LIC D__	153.2	123.96	32 59 07.99	0.100	0.7	6.8	96.8	114.2
Noxapater	MS	333.5		89 04 53.99	54	200	User		
201A 767233	APP DCN	2.3	187.11	35 39 49.40	4.490	60.7	18.7	106.6	99.5
Henning	TN	182.4	0000165618	89 35 50.50	96	189	Violet FM Inc.		
06 2C WVUA«	LI _CN	101.0	271.54	33 29 02.01	26.000	53.4	95.7	149.1R	122.5M
Tuscaloosa	AL	282.6	BLCDT-20090612AHT	86 48 20.99	395	586			
6 -- WVUA-A«	CHA __Y	101.0	271.54	33 29 02.38	26.000	53.4	95.7	149.1R	122.5M
Tuscaloosa	AL	282.6	DTVBL77496	86 48 20.97	395	586			

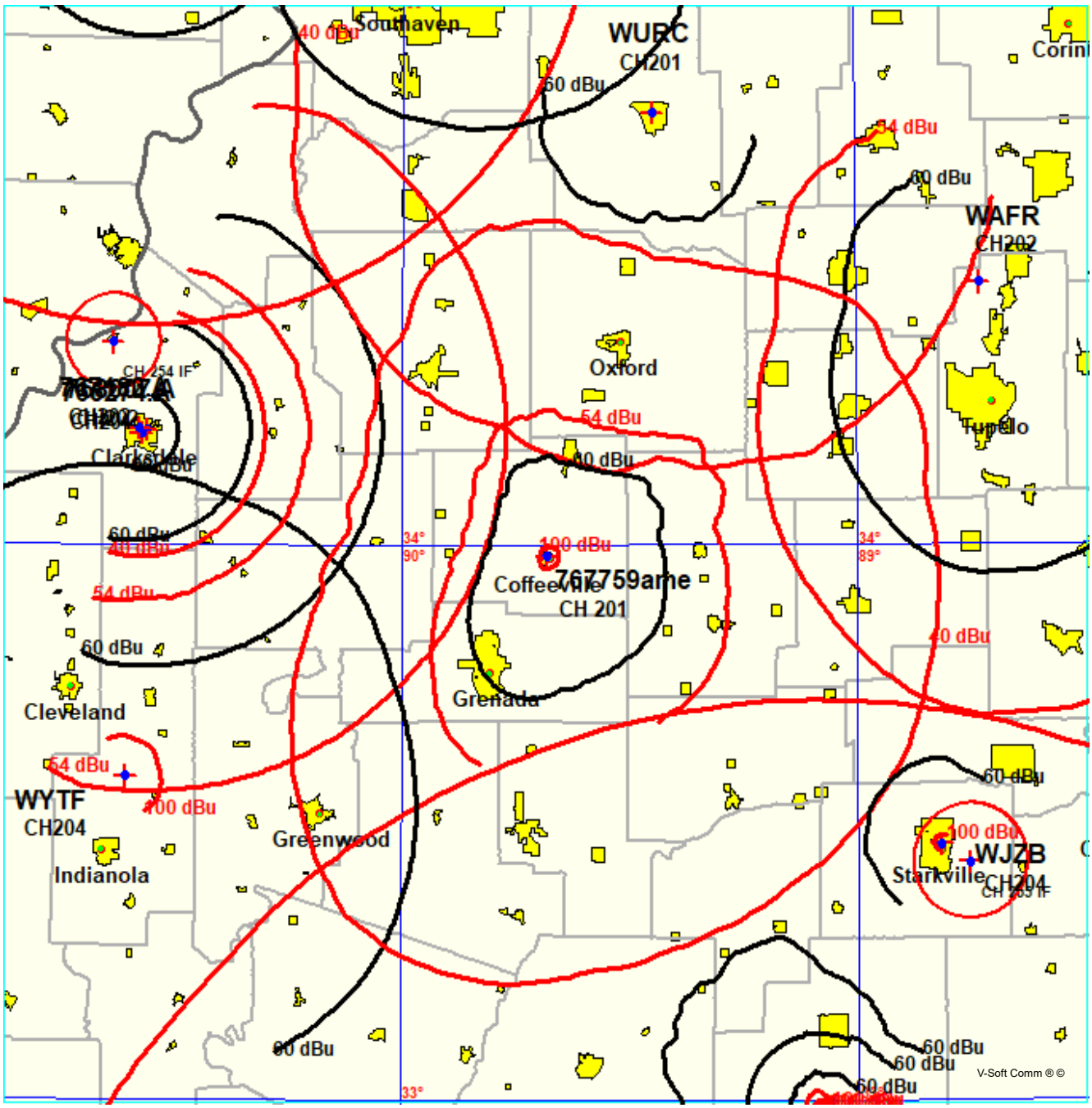
Terrain database is GLOBE 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone= - Zone 2, Co to 3rd adjacent.
All separation margins (if shown) include rounding.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"*"affixed to 'IN' or 'OUT' values = site inside restricted contour.
« = Station meets FCC minimum distance spacing for its class.

767759 amended to Coffeeville, MS, 201A
Elijah Radio

FMCommander Full Allocation Study - GLOBE 30 Sec

01-18-2022

767759ame CH 201 A DA
Lat= 33 58 55.60, Lng= 89 40 51.9
5.0 kW 84.2 m HAAT, 180.8 m COR

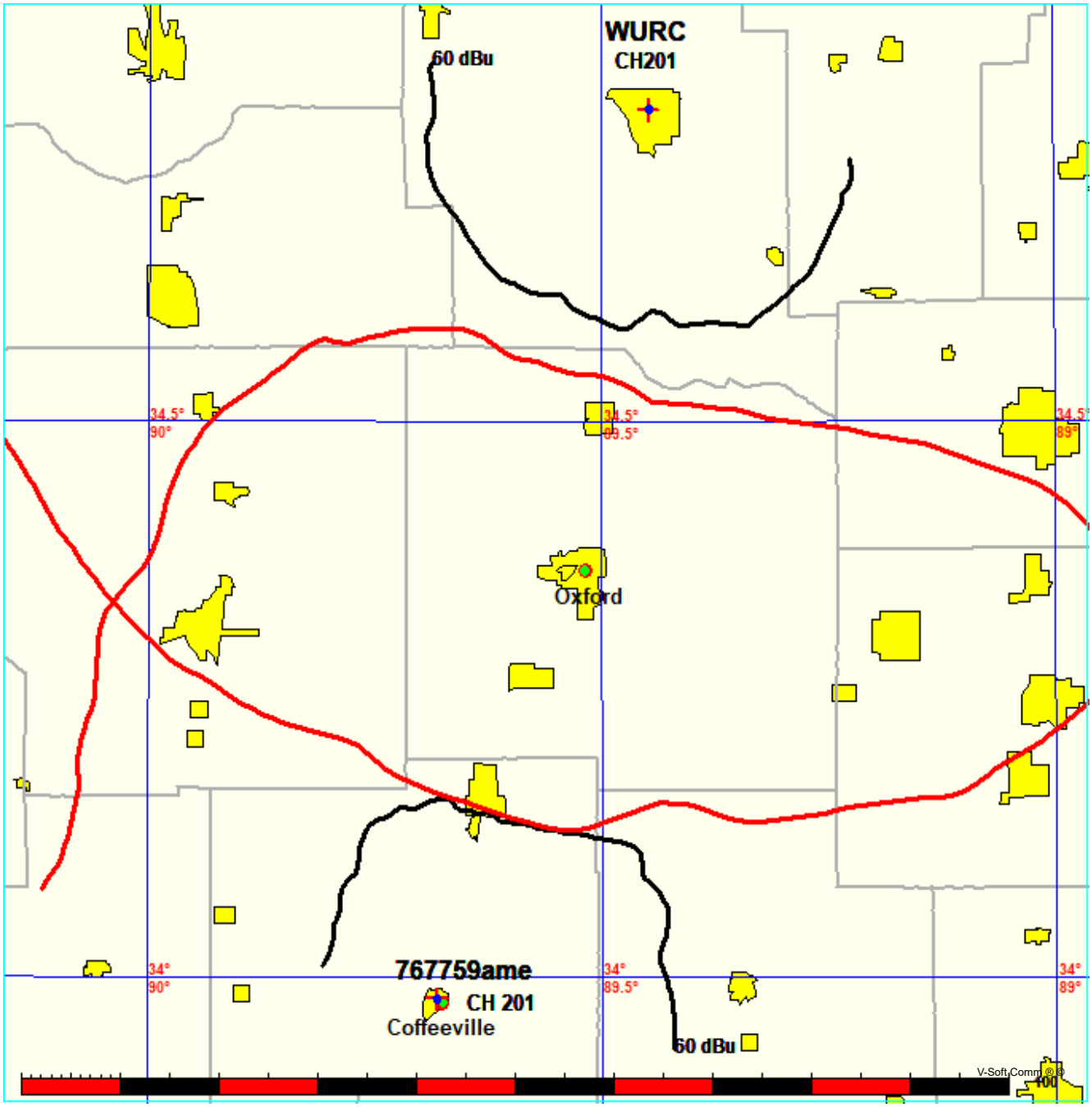


767759 amended to Coffeeville, MS, 201A
Elijah Radio

FMCommander Single Allocation Study - 01-18-2022 - GLOBE 30 Sec
767759ame's Overlaps (In= 0.18 km, Out= 5.03 km)

767759ame CH 201 A DA
Lat= 33 58 55.60, Lng= 89 40 51.90
5.0 kW 84.2 m HAAT, 180.8 m COR
Prot.= 60 dBu, Intef.= 40 dBu

WURC CH 201 A BLED19880711KC
Lat= 34 46 53.30, Lng= 89 26 49.30
3.0 kW 83 m HAAT, 231 m COR
Prot.= 60 dBu, Intef.= 40 dBu



01-18-2022 Terrain Data: GLOBE 30 Sec FMOver Analysis

767759ame

Channel = 201A
Max ERP = 5 kW
RCAMSL = 180.8 m
N. Lat. 33 58 55.60
W. Lng. 89 40 51.90
Protected
60 dBu

WURC BLED19880711KC

Channel = 201A
Max ERP = 3 kW
RCAMSL = 231 m
N. Lat. 34 46 53.30
W. Lng. 89 26 49.30
Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
314.0	000.5678	0075.7	013.7	201.6	003.0000	0077.2	085.3	36.27	
315.0	000.5882	0076.8	013.9	201.7	003.0000	0077.2	085.0	36.35	
316.0	000.6055	0078.1	014.1	201.8	003.0000	0077.1	084.7	36.43	
317.0	000.6230	0079.4	014.4	201.8	003.0000	0077.1	084.4	36.51	
318.0	000.6408	0080.4	014.6	201.9	003.0000	0077.0	084.1	36.59	
319.0	000.6588	0080.6	014.7	201.9	003.0000	0077.0	083.8	36.67	
320.0	000.6771	0080.1	014.7	201.8	003.0000	0077.1	083.5	36.73	
321.0	000.7106	0078.8	014.8	201.8	003.0000	0077.1	083.3	36.80	
322.0	000.7488	0077.0	014.8	201.7	003.0000	0077.2	083.0	36.87	
323.0	000.7841	0075.3	014.8	201.6	003.0000	0077.3	082.8	36.93	
324.0	000.8242	0073.6	014.8	201.5	003.0000	0077.3	082.6	37.00	
325.0	000.8611	0072.1	014.9	201.4	003.0000	0077.4	082.3	37.06	
326.0	000.9031	0071.0	014.9	201.4	003.0000	0077.4	082.1	37.13	
327.0	000.9461	0070.8	015.1	201.3	003.0000	0077.5	081.8	37.21	
328.0	000.9857	0071.5	015.3	201.4	003.0000	0077.4	081.4	37.30	
329.0	001.0306	0072.8	015.7	201.4	003.0000	0077.4	081.0	37.41	
330.0	001.0718	0074.4	016.0	201.5	003.0000	0077.3	080.6	37.52	
331.0	001.1281	0076.0	016.5	201.6	003.0000	0077.2	080.1	37.65	
332.0	001.1858	0077.4	016.9	201.7	003.0000	0077.2	079.6	37.77	
333.0	001.2450	0078.3	017.2	201.8	003.0000	0077.1	079.1	37.89	
334.0	001.3056	0079.0	017.5	201.8	003.0000	0077.1	078.7	38.00	
335.0	001.3676	0079.6	017.8	201.8	003.0000	0077.1	078.3	38.12	
336.0	001.4311	0079.9	018.1	201.8	003.0000	0077.1	077.9	38.22	
337.0	001.4960	0080.0	018.3	201.7	003.0000	0077.2	077.5	38.33	
338.0	001.5624	0079.9	018.5	201.7	003.0000	0077.2	077.1	38.43	
339.0	001.6302	0079.6	018.6	201.6	003.0000	0077.3	076.8	38.52	
340.0	001.6994	0078.5	018.7	201.4	003.0000	0077.4	076.5	38.60	
341.0	001.7880	0076.8	018.7	201.2	003.0000	0077.5	076.3	38.67	
342.0	001.8788	0075.1	018.8	201.1	003.0000	0077.6	076.1	38.74	
343.0	001.9719	0073.3	018.8	200.9	003.0000	0077.8	075.9	38.80	
344.0	002.0672	0071.8	018.8	200.7	003.0000	0077.9	075.6	38.87	
345.0	002.1714	0070.6	018.9	200.5	003.0000	0077.9	075.4	38.94	
346.0	002.2714	0069.7	019.0	200.4	003.0000	0078.0	075.1	39.02	
347.0	002.3736	0069.1	019.1	200.2	003.0000	0078.1	074.8	39.10	
348.0	002.4781	0068.5	019.2	200.0	003.0000	0078.2	074.5	39.18	
349.0	002.5848	0067.6	019.3	199.8	003.0000	0078.2	074.3	39.25	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
350.0	002.6938	0066.1	019.3	199.6	003.0000	0078.3	074.1	39.30
351.0	002.6645	0064.6	019.1	199.3	003.0000	0078.5	074.2	39.30
352.0	002.6281	0064.5	019.0	199.0	003.0000	0078.6	074.1	39.32
353.0	002.5992	0065.5	019.1	198.8	003.0000	0078.8	073.9	39.39
354.0	002.5633	0067.1	019.2	198.7	003.0000	0078.9	073.6	39.47
355.0	002.5347	0068.3	019.3	198.4	003.0000	0079.0	073.4	39.55
356.0	002.5063	0069.7	019.5	198.2	003.0000	0079.1	073.1	39.62
357.0	002.4710	0070.9	019.5	198.0	003.0000	0079.2	072.9	39.68
358.0	002.4430	0072.1	019.7	197.8	003.0000	0079.2	072.7	39.75
359.0	002.4082	0073.1	019.7	197.6	003.0000	0079.3	072.5	39.80
000.0	002.3805	0074.2	019.8	197.3	003.0000	0079.3	072.3	39.85
001.0	002.3393	0075.3	019.9	197.1	003.0000	0079.3	072.2	39.89
002.0	002.2984	0076.2	019.9	196.8	003.0000	0079.3	072.1	39.92
003.0	002.2579	0076.4	019.8	196.5	003.0000	0079.3	072.0	39.93
004.0	002.2178	0075.9	019.7	196.2	003.0000	0079.2	072.1	39.91
005.0	002.1780	0073.9	019.3	195.9	003.0000	0079.3	072.4	39.83
006.0	002.1451	0072.3	019.0	195.6	003.0000	0079.3	072.6	39.78
007.0	002.1060	0071.9	018.9	195.3	003.0000	0079.3	072.7	39.75
008.0	002.0672	0072.9	018.9	195.1	003.0000	0079.4	072.6	39.78
009.0	002.0288	0074.0	019.0	194.8	003.0000	0079.4	072.5	39.81
010.0	001.9908	0074.3	018.9	194.6	003.0000	0079.5	072.5	39.81
011.0	001.9782	0073.8	018.8	194.3	003.0000	0079.7	072.6	39.79
012.0	001.9656	0073.8	018.8	194.0	003.0000	0079.9	072.6	39.80
013.0	001.9531	0074.7	018.9	193.8	003.0000	0080.0	072.5	39.84
014.0	001.9406	0076.4	019.1	193.5	003.0000	0080.2	072.3	39.90
015.0	001.9282	0077.3	019.2	193.3	003.0000	0080.4	072.3	39.93
016.0	001.9158	0077.4	019.1	193.0	003.0000	0080.5	072.3	39.93
017.0	001.9034	0077.1	019.1	192.7	003.0000	0080.6	072.4	39.91
018.0	001.8911	0076.7	019.0	192.5	003.0000	0080.7	072.5	39.89
019.0	001.8788	0076.1	018.9	192.2	003.0000	0080.9	072.6	39.86
020.0	001.8666	0075.3	018.8	192.0	003.0000	0081.0	072.8	39.81
021.0	001.9220	0074.6	018.8	191.7	003.0000	0081.1	072.8	39.82
022.0	001.9782	0074.4	018.9	191.5	003.0000	0081.2	072.8	39.84
023.0	002.0352	0074.1	019.0	191.2	003.0000	0081.4	072.7	39.86
024.0	002.0930	0073.7	019.1	190.9	003.0000	0081.5	072.7	39.87
025.0	002.1517	0073.5	019.2	190.6	003.0000	0081.7	072.7	39.89
026.0	002.2111	0073.5	019.4	190.4	003.0000	0081.9	072.7	39.91
027.0	002.2714	0073.6	019.5	190.1	003.0000	0082.0	072.6	39.93
028.0	002.3324	0073.3	019.6	189.8	003.0000	0082.2	072.6	39.93
029.0	002.3943	0072.7	019.6	189.5	003.0000	0082.3	072.7	39.92
030.0	002.4570	0072.0	019.7	189.3	003.0000	0082.5	072.8	39.91
031.0	002.5633	0071.4	019.8	189.0	003.0000	0082.7	072.8	39.92
032.0	002.6718	0070.9	019.9	188.7	003.0000	0082.8	072.8	39.93
033.0	002.7826	0070.4	020.1	188.4	003.0000	0083.0	072.8	39.93
034.0	002.8956	0070.1	020.2	188.1	003.0000	0083.1	072.8	39.93
035.0	003.0109	0070.1	020.4	187.8	003.0000	0083.2	072.8	39.94
036.0	003.1363	0070.2	020.6	187.4	003.0000	0083.3	072.8	39.95
037.0	003.2562	0069.9	020.8	187.1	003.0000	0083.3	072.8	39.94
038.0	003.3784	0069.7	020.9	186.8	003.0000	0083.3	072.9	39.93
039.0	003.5028	0069.9	021.2	186.5	003.0000	0083.3	072.9	39.92
040.0	003.6295	0070.7	021.4	186.1	003.0000	0083.2	072.9	39.93

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
041.0	003.7584	0071.5	021.7	185.7	003.0000	0082.9	072.8	39.92
042.0	003.8896	0072.2	022.0	185.4	003.0000	0082.3	072.9	39.88
043.0	004.0141	0072.4	022.2	185.0	003.0000	0081.5	072.9	39.81
044.0	004.1496	0072.6	022.4	184.7	003.0000	0080.5	073.0	39.73
045.0	004.2874	0073.1	022.6	184.3	003.0000	0079.5	073.1	39.65
046.0	004.4274	0073.9	022.9	184.0	003.0000	0078.5	073.1	39.58
047.0	004.5697	0075.0	023.2	183.6	003.0000	0077.6	073.2	39.52
048.0	004.7045	0076.0	023.5	183.2	003.0000	0076.8	073.2	39.45
049.0	004.8511	0076.9	023.8	182.8	003.0000	0075.9	073.3	39.38
050.0	005.0000	0078.3	024.2	182.3	003.0000	0075.1	073.4	39.31
051.0	005.0000	0080.3	024.5	182.0	003.0000	0074.2	073.5	39.22
052.0	005.0000	0082.5	024.8	181.5	003.0000	0073.3	073.6	39.14
053.0	005.0000	0084.2	025.0	181.2	003.0000	0072.5	073.8	39.04
054.0	005.0000	0084.8	025.1	180.9	003.0000	0072.0	074.1	38.93
055.0	005.0000	0084.6	025.1	180.8	003.0000	0071.6	074.5	38.81
056.0	005.0000	0083.7	025.0	180.6	003.0000	0071.3	074.9	38.68
057.0	005.0000	0082.0	024.7	180.6	003.0000	0071.2	075.4	38.54
058.0	005.0000	0080.1	024.5	180.6	003.0000	0071.2	075.9	38.41
059.0	005.0000	0078.7	024.3	180.6	003.0000	0071.1	076.4	38.28
060.0	005.0000	0078.3	024.2	180.4	003.0000	0070.8	076.8	38.16
061.0	005.0000	0079.0	024.3	180.2	003.0000	0070.4	077.1	38.05
062.0	005.0000	0080.2	024.5	180.0	003.0000	0069.8	077.4	37.94
063.0	005.0000	0081.4	024.6	179.7	003.0000	0069.2	077.7	37.83
064.0	005.0000	0082.2	024.8	179.5	003.0000	0068.8	078.1	37.72
065.0	005.0000	0082.5	024.8	179.3	003.0000	0068.8	078.4	37.62
066.0	005.0000	0082.9	024.9	179.2	003.0000	0068.8	078.8	37.53
067.0	005.0000	0083.4	024.9	179.0	003.0000	0068.9	079.2	37.43
068.0	005.0000	0083.8	025.0	178.8	003.0000	0069.0	079.6	37.34
069.0	005.0000	0083.8	025.0	178.7	003.0000	0069.0	080.0	37.24
070.0	005.0000	0083.2	024.9	178.7	003.0000	0069.1	080.4	37.13
071.0	005.0000	0082.0	024.7	178.7	003.0000	0069.1	080.9	37.01
072.0	005.0000	0080.7	024.6	178.7	003.0000	0069.0	081.3	36.89
073.0	005.0000	0079.3	024.4	178.8	003.0000	0069.0	081.8	36.77

01-18-2022 Terrain Data: GLOBE 30 Sec FMOver Analysis

WURC BLED19880711KC

Channel = 201A
Max ERP = 3 kW
RCAMSL = 231 m
N. Lat. 34 46 53.30
W. Lng. 89 26 49.30
Protected
60 dBu

767759ame

Channel = 201A
Max ERP = 5 kW
RCAMSL = 180.8 m
N. Lat. 33 58 55.60
W. Lng. 89 40 51.90
Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
134.0	003.0000	0089.2	022.9	027.4	002.2975	0073.5	082.3	35.72	
135.0	003.0000	0090.0	023.0	027.4	002.2965	0073.5	081.9	35.83	
136.0	003.0000	0090.3	023.1	027.4	002.2930	0073.5	081.5	35.93	
137.0	003.0000	0090.3	023.1	027.3	002.2875	0073.5	081.1	36.02	
138.0	003.0000	0090.2	023.0	027.2	002.2806	0073.5	080.7	36.10	
139.0	003.0000	0090.0	023.0	027.0	002.2737	0073.6	080.3	36.18	
140.0	003.0000	0090.1	023.0	026.9	002.2676	0073.6	080.0	36.27	
141.0	003.0000	0090.4	023.1	026.8	002.2621	0073.6	079.6	36.36	
142.0	003.0000	0090.8	023.1	026.8	002.2566	0073.6	079.2	36.45	
143.0	003.0000	0091.1	023.2	026.7	002.2504	0073.6	078.8	36.54	
144.0	003.0000	0091.4	023.2	026.5	002.2440	0073.6	078.4	36.63	
145.0	003.0000	0091.9	023.3	026.4	002.2378	0073.6	078.0	36.71	
146.0	003.0000	0092.5	023.3	026.3	002.2318	0073.6	077.7	36.81	
147.0	003.0000	0093.1	023.4	026.2	002.2256	0073.6	077.3	36.90	
148.0	003.0000	0093.4	023.4	026.1	002.2177	0073.5	076.9	36.98	
149.0	003.0000	0093.3	023.4	025.9	002.2073	0073.5	076.6	37.04	
150.0	003.0000	0092.9	023.4	025.7	002.1957	0073.5	076.2	37.10	
151.0	003.0000	0093.0	023.4	025.6	002.1854	0073.4	075.9	37.17	
152.0	003.0000	0093.8	023.5	025.5	002.1784	0073.4	075.5	37.26	
153.0	003.0000	0095.2	023.7	025.4	002.1733	0073.4	075.1	37.36	
154.0	003.0000	0096.5	023.8	025.3	002.1673	0073.4	074.7	37.46	
155.0	003.0000	0097.0	023.9	025.1	002.1573	0073.4	074.3	37.54	
156.0	003.0000	0096.1	023.8	024.8	002.1412	0073.5	074.1	37.57	
157.0	003.0000	0094.0	023.5	024.5	002.1201	0073.6	073.9	37.57	
158.0	003.0000	0091.6	023.2	024.1	002.0981	0073.7	073.8	37.56	
159.0	003.0000	0089.7	023.0	023.7	002.0776	0073.9	073.7	37.56	
160.0	003.0000	0088.5	022.8	023.4	002.0598	0074.0	073.5	37.58	
161.0	003.0000	0087.3	022.7	023.1	002.0421	0074.1	073.4	37.59	
162.0	003.0000	0086.0	022.5	022.8	002.0240	0074.2	073.2	37.59	
163.0	003.0000	0084.7	022.3	022.5	002.0057	0074.3	073.1	37.59	
164.0	003.0000	0083.8	022.2	022.2	001.9890	0074.3	072.9	37.60	
165.0	003.0000	0083.2	022.2	021.9	001.9734	0074.4	072.8	37.62	
166.0	003.0000	0083.1	022.1	021.7	001.9590	0074.4	072.6	37.65	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
167.0	003.0000	0082.8	022.1	021.4	001.9440	0074.5	072.4	37.67
168.0	003.0000	0082.2	022.0	021.1	001.9278	0074.6	072.2	37.68
169.0	003.0000	0081.9	022.0	020.8	001.9125	0074.7	072.0	37.70
170.0	003.0000	0081.4	021.9	020.5	001.8967	0074.9	071.9	37.71
171.0	003.0000	0081.1	021.9	020.3	001.8812	0075.1	071.7	37.73
172.0	003.0000	0080.5	021.8	020.0	001.8670	0075.3	071.6	37.74
173.0	003.0000	0079.1	021.6	019.6	001.8711	0075.6	071.6	37.77
174.0	003.0000	0077.0	021.3	019.3	001.8756	0075.9	071.7	37.78
175.0	003.0000	0074.3	021.0	018.9	001.8804	0076.2	071.9	37.76
176.0	003.0000	0071.6	020.6	018.5	001.8851	0076.5	072.1	37.73
177.0	003.0000	0070.1	020.4	018.2	001.8891	0076.6	072.1	37.73
178.0	003.0000	0069.5	020.3	017.9	001.8926	0076.7	072.1	37.76
179.0	003.0000	0068.9	020.2	017.6	001.8962	0076.8	072.0	37.78
180.0	003.0000	0069.9	020.4	017.4	001.8990	0076.9	071.8	37.86
181.0	003.0000	0072.1	020.7	017.2	001.9015	0077.0	071.4	37.98
182.0	003.0000	0074.3	021.0	016.9	001.9042	0077.1	071.0	38.10
183.0	003.0000	0076.4	021.3	016.7	001.9071	0077.2	070.7	38.21
184.0	003.0000	0078.6	021.5	016.5	001.9101	0077.3	070.3	38.33
185.0	003.0000	0081.3	021.9	016.2	001.9130	0077.3	069.8	38.45
186.0	003.0000	0083.1	022.1	015.9	001.9164	0077.4	069.5	38.55
187.0	003.0000	0083.3	022.2	015.6	001.9203	0077.4	069.5	38.58
188.0	003.0000	0083.1	022.1	015.3	001.9242	0077.3	069.4	38.60
189.0	003.0000	0082.6	022.1	015.0	001.9283	0077.3	069.4	38.60
190.0	003.0000	0082.1	022.0	014.7	001.9322	0077.1	069.5	38.59
191.0	003.0000	0081.5	021.9	014.4	001.9362	0076.8	069.5	38.56
192.0	003.0000	0081.0	021.9	014.0	001.9402	0076.4	069.6	38.53
193.0	003.0000	0080.5	021.8	013.7	001.9441	0075.9	069.6	38.50
194.0	003.0000	0079.9	021.7	013.4	001.9480	0075.4	069.7	38.45
195.0	003.0000	0079.4	021.7	013.1	001.9519	0074.9	069.8	38.41
196.0	003.0000	0079.3	021.6	012.8	001.9557	0074.4	069.8	38.38
197.0	003.0000	0079.3	021.6	012.5	001.9596	0074.1	069.8	38.35
198.0	003.0000	0079.2	021.6	012.2	001.9635	0073.8	069.9	38.34
199.0	003.0000	0078.7	021.6	011.9	001.9672	0073.7	070.0	38.31
200.0	003.0000	0078.2	021.5	011.6	001.9710	0073.7	070.1	38.28
201.0	003.0000	0077.7	021.4	011.3	001.9746	0073.7	070.2	38.26
202.0	003.0000	0076.9	021.3	011.0	001.9782	0073.8	070.4	38.23
203.0	003.0000	0075.5	021.1	010.7	001.9816	0073.9	070.7	38.17
204.0	003.0000	0073.8	020.9	010.5	001.9847	0074.0	071.0	38.10
205.0	003.0000	0072.4	020.7	010.2	001.9878	0074.1	071.2	38.04
206.0	003.0000	0072.2	020.7	010.0	001.9922	0074.3	071.4	38.03
207.0	003.0000	0073.2	020.8	009.7	002.0039	0074.4	071.3	38.07
208.0	003.0000	0074.6	021.0	009.3	002.0163	0074.3	071.3	38.11
209.0	003.0000	0076.0	021.2	009.0	002.0288	0074.0	071.2	38.13
210.0	003.0000	0077.4	021.4	008.7	002.0416	0073.7	071.2	38.15
211.0	003.0000	0078.8	021.6	008.3	002.0545	0073.3	071.1	38.16
212.0	003.0000	0079.8	021.7	008.0	002.0669	0072.9	071.2	38.16
213.0	003.0000	0080.7	021.8	007.7	002.0792	0072.5	071.2	38.15
214.0	003.0000	0081.5	021.9	007.4	002.0914	0072.1	071.3	38.13
215.0	003.0000	0082.2	022.0	007.1	002.1033	0071.9	071.4	38.12
216.0	003.0000	0082.7	022.1	006.8	002.1148	0071.8	071.5	38.10
217.0	003.0000	0083.0	022.1	006.5	002.1259	0071.9	071.7	38.08

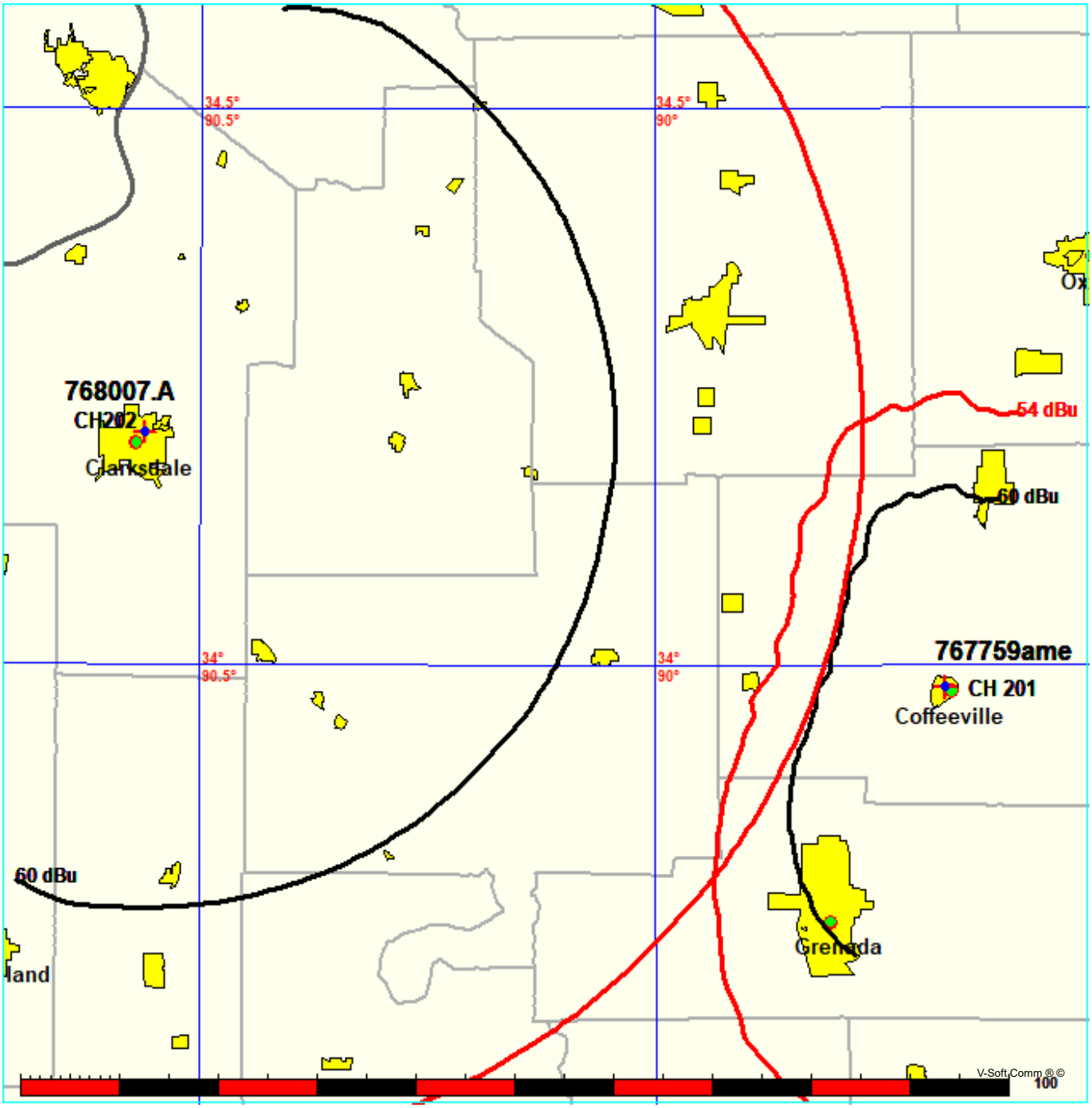
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
218.0	003.0000	0083.4	022.2	006.2	002.1371	0072.1	071.8	38.08
219.0	003.0000	0084.3	022.3	005.9	002.1486	0072.4	071.9	38.09
220.0	003.0000	0085.5	022.5	005.6	002.1594	0072.9	072.0	38.12
221.0	003.0000	0086.6	022.6	005.2	002.1700	0073.4	072.1	38.15
222.0	003.0000	0087.1	022.6	005.0	002.1794	0074.0	072.3	38.15
223.0	003.0000	0086.9	022.6	004.7	002.1890	0074.4	072.6	38.13
224.0	003.0000	0086.7	022.6	004.5	002.1980	0074.9	072.8	38.10
225.0	003.0000	0086.5	022.6	004.3	002.2070	0075.4	073.1	38.07
226.0	003.0000	0086.5	022.6	004.0	002.2163	0075.8	073.4	38.05
227.0	003.0000	0086.8	022.6	003.8	002.2260	0076.1	073.6	38.02
228.0	003.0000	0087.0	022.6	003.6	002.2355	0076.4	073.8	37.99
229.0	003.0000	0086.9	022.6	003.3	002.2439	0076.4	074.1	37.93
230.0	003.0000	0086.4	022.6	003.2	002.2511	0076.4	074.5	37.85
231.0	003.0000	0086.0	022.5	003.0	002.2580	0076.4	074.8	37.78
232.0	003.0000	0085.8	022.5	002.8	002.2654	0076.4	075.1	37.71
233.0	003.0000	0085.9	022.5	002.6	002.2735	0076.4	075.4	37.64
234.0	003.0000	0085.9	022.5	002.4	002.2813	0076.3	075.7	37.58
235.0	003.0000	0085.8	022.5	002.2	002.2883	0076.3	076.0	37.50
236.0	003.0000	0085.4	022.4	002.1	002.2944	0076.2	076.4	37.42
237.0	003.0000	0084.9	022.4	002.0	002.2997	0076.1	076.7	37.33
238.0	003.0000	0084.5	022.3	001.8	002.3052	0076.1	077.1	37.24
239.0	003.0000	0084.4	022.3	001.7	002.3110	0076.0	077.4	37.16
240.0	003.0000	0084.4	022.3	001.5	002.3176	0075.8	077.7	37.08
241.0	003.0000	0084.8	022.4	001.4	002.3248	0075.7	078.0	37.00
242.0	003.0000	0085.4	022.4	001.2	002.3327	0075.5	078.3	36.92
243.0	003.0000	0086.2	022.5	001.0	002.3409	0075.2	078.6	36.85
244.0	003.0000	0087.0	022.6	000.8	002.3491	0075.0	078.9	36.77
245.0	003.0000	0087.7	022.7	000.6	002.3568	0074.8	079.2	36.69
246.0	003.0000	0088.3	022.8	000.4	002.3639	0074.6	079.6	36.61
247.0	003.0000	0088.7	022.9	000.3	002.3701	0074.4	079.9	36.52
248.0	003.0000	0089.1	022.9	000.1	002.3761	0074.3	080.3	36.43
249.0	003.0000	0089.7	023.0	360.0	002.3817	0074.1	080.6	36.34
250.0	003.0000	0090.1	023.0	359.8	002.3855	0074.0	081.0	36.25
251.0	003.0000	0090.4	023.1	359.7	002.3886	0073.9	081.3	36.15
252.0	003.0000	0090.4	023.1	359.6	002.3912	0073.8	081.7	36.05
253.0	003.0000	0090.6	023.1	359.5	002.3940	0073.7	082.1	35.95

767759 amended to Coffeeville, MS, 201A
Elijah Radio

FMCommander Single Allocation Study - 01-18-2022 - GLOBE 30 Sec
767759ame's Overlaps (In= 0.16 km, Out= 19.77 km)

767759ame CH 201 A DA
Lat= 33 58 55.60, Lng= 89 40 51.90
5.0 kW 84.2 m HAAT, 180.8 m COR
Prot.= 60 dBu, Intef.= 54 dBu

768007 CH 202 C1 DA 0000167883
Lat= 34 12 31.10, Lng= 90 33 42.20
47.0 kW 121 m HAAT, 169.8 m COR
Prot.= 60 dBu, Intef.= 54 dBu



01-18-2022 Terrain Data: GLOBE 30 Sec FMOver Analysis

767759ame

Channel = 201A
Max ERP = 5 kW
RCAMSL = 180.8 m
N. Lat. 33 58 55.60
W. Lng. 89 40 51.90
Protected
60 dBu

768007 0000167883

Channel = 202C1
Max ERP = 47 kW
RCAMSL = 169.8 m
N. Lat. 34 12 31.10
W. Lng. 90 33 42.20
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
228.0	002.0544	0092.8	021.4	121.0	047.0000	0122.0	076.3	52.95	
229.0	001.9656	0092.6	021.1	120.7	047.0000	0122.0	076.0	53.03	
230.0	001.8788	0092.2	020.9	120.4	047.0000	0121.9	075.8	53.11	
231.0	001.7940	0091.7	020.6	120.1	047.0000	0121.9	075.5	53.17	
232.0	001.7111	0090.9	020.2	119.8	047.0000	0121.8	075.3	53.24	
233.0	001.6359	0089.9	019.9	119.5	047.0000	0121.8	075.1	53.29	
234.0	001.5624	0089.0	019.6	119.1	047.0000	0121.7	074.9	53.34	
235.0	001.4906	0088.7	019.3	118.8	047.0000	0121.6	074.7	53.40	
236.0	001.4258	0088.5	019.1	118.6	047.0000	0121.6	074.5	53.45	
237.0	001.3572	0088.1	018.8	118.2	047.0000	0121.5	074.4	53.50	
238.0	001.2954	0087.3	018.5	117.9	047.0000	0121.5	074.3	53.53	
239.0	001.2400	0086.4	018.2	117.6	047.0000	0121.4	074.1	53.57	
240.0	001.1858	0086.1	017.9	117.3	047.0000	0121.4	074.0	53.61	
241.0	001.1281	0086.0	017.6	117.0	047.0000	0121.4	073.9	53.64	
242.0	001.0811	0085.8	017.4	116.7	047.0000	0121.4	073.7	53.68	
243.0	001.0306	0085.3	017.1	116.4	047.0000	0121.4	073.7	53.70	
244.0	000.9857	0084.7	016.9	116.1	047.0000	0121.4	073.6	53.73	
245.0	000.9418	0084.1	016.6	115.8	047.0000	0121.4	073.5	53.74	
246.0	000.8989	0083.6	016.3	115.5	047.0000	0121.4	073.5	53.76	
247.0	000.8570	0082.9	016.0	115.1	047.0000	0121.5	073.5	53.77	
248.0	000.8201	0081.8	015.7	114.8	047.0000	0121.5	073.5	53.77	
249.0	000.7801	0080.7	015.4	114.5	047.0000	0121.5	073.5	53.76	
250.0	000.7450	0079.9	015.1	114.2	047.0000	0121.6	073.5	53.76	
251.0	000.7144	0079.4	014.9	113.9	047.0000	0121.6	073.5	53.77	
252.0	000.6808	0079.3	014.7	113.7	047.0000	0121.6	073.4	53.78	
253.0	000.6516	0079.4	014.5	113.4	047.0000	0121.6	073.4	53.80	
254.0	000.6195	0079.6	014.4	113.2	047.0000	0121.6	073.4	53.81	
255.0	000.5917	0079.7	014.2	113.0	047.0000	0121.6	073.3	53.82	
256.0	000.5678	0079.6	014.1	112.8	047.0000	0121.5	073.3	53.83	
257.0	000.5412	0079.6	013.9	112.5	047.0000	0121.5	073.3	53.83	
258.0	000.5152	0079.5	013.7	112.3	047.0000	0121.5	073.3	53.82	
259.0	000.4930	0079.0	013.5	112.1	047.0000	0121.4	073.3	53.81	
260.0	000.4712	0078.6	013.3	111.8	047.0000	0121.4	073.3	53.80	
261.0	000.4590	0078.4	013.2	111.6	047.0000	0121.3	073.3	53.81	
262.0	000.4500	0079.1	013.2	111.5	047.0000	0121.3	073.2	53.85	
263.0	000.4381	0080.1	013.2	111.3	047.0000	0121.2	073.1	53.88	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
264.0	000.4292	0081.4	013.3	111.2	047.0000	0121.2	072.9	53.92
265.0	000.4176	0082.6	013.3	111.0	047.0000	0121.1	072.8	53.95
266.0	000.4061	0082.6	013.2	110.8	047.0000	0121.1	072.8	53.95
267.0	000.3976	0082.2	013.1	110.6	047.0000	0121.0	072.8	53.95
268.0	000.3864	0081.4	012.9	110.4	047.0000	0121.0	072.8	53.93
269.0	000.3781	0080.1	012.8	110.2	047.0000	0121.0	072.9	53.91
270.0	000.3672	0078.9	012.6	110.0	047.0000	0120.9	073.0	53.89
271.0	000.3618	0077.8	012.5	109.8	047.0000	0120.9	073.0	53.87
272.0	000.3538	0076.7	012.3	109.6	047.0000	0120.9	073.1	53.85
273.0	000.3485	0075.7	012.2	109.4	047.0000	0120.9	073.1	53.83
274.0	000.3406	0074.6	012.1	109.2	047.0000	0120.9	073.2	53.81
275.0	000.3354	0073.6	011.9	109.0	047.0000	0120.9	073.3	53.79
276.0	000.3277	0072.9	011.8	108.9	047.0000	0120.9	073.3	53.77
277.0	000.3226	0072.9	011.8	108.7	047.0000	0120.9	073.3	53.77
278.0	000.3150	0073.7	011.8	108.5	047.0000	0120.9	073.3	53.78
279.0	000.3100	0074.8	011.8	108.4	047.0000	0120.9	073.2	53.81
280.0	000.3026	0076.1	011.8	108.2	047.0000	0120.8	073.2	53.82
281.0	000.3026	0077.4	011.9	108.1	047.0000	0120.8	073.1	53.86
282.0	000.3026	0078.4	012.0	107.9	047.0000	0120.8	073.0	53.89
283.0	000.3026	0079.0	012.0	107.8	047.0000	0120.8	072.9	53.90
284.0	000.3026	0079.3	012.1	107.6	047.0000	0120.8	072.9	53.92
285.0	000.3026	0079.2	012.0	107.4	047.0000	0120.8	072.9	53.92
286.0	000.3026	0078.6	012.0	107.3	047.0000	0120.8	072.9	53.91
287.0	000.3026	0077.8	012.0	107.1	047.0000	0120.8	072.9	53.89
288.0	000.3026	0076.9	011.9	106.9	047.0000	0120.8	073.0	53.87
289.0	000.3026	0076.3	011.8	106.8	047.0000	0120.8	073.1	53.86
290.0	000.3026	0075.8	011.8	106.6	047.0000	0120.8	073.1	53.85
291.0	000.3075	0075.5	011.8	106.4	047.0000	0120.8	073.1	53.85
292.0	000.3125	0075.0	011.8	106.3	047.0000	0120.8	073.1	53.85
293.0	000.3175	0074.4	011.9	106.1	047.0000	0120.8	073.1	53.84
294.0	000.3226	0073.9	011.9	106.0	047.0000	0120.8	073.1	53.83
295.0	000.3277	0073.7	011.9	105.8	047.0000	0120.8	073.1	53.83
296.0	000.3328	0073.7	011.9	105.6	047.0000	0120.7	073.1	53.84
297.0	000.3380	0073.8	012.0	105.5	047.0000	0120.7	073.1	53.84
298.0	000.3432	0074.0	012.0	105.3	047.0000	0120.7	073.1	53.84
299.0	000.3485	0074.1	012.1	105.1	047.0000	0120.7	073.1	53.84
300.0	000.3538	0074.4	012.2	104.9	047.0000	0120.7	073.1	53.84
301.0	000.3672	0074.7	012.3	104.8	047.0000	0120.6	073.0	53.86
302.0	000.3809	0075.0	012.4	104.6	047.0000	0120.6	072.9	53.88
303.0	000.3948	0075.2	012.5	104.4	047.0000	0120.6	072.9	53.90
304.0	000.4090	0075.2	012.6	104.2	047.0000	0120.6	072.9	53.90
305.0	000.4263	0075.0	012.8	104.0	047.0000	0120.5	072.8	53.91
306.0	000.4410	0074.5	012.8	103.8	047.0000	0120.5	072.9	53.90
307.0	000.4560	0073.9	012.9	103.6	047.0000	0120.5	072.9	53.89
308.0	000.4712	0073.4	012.9	103.5	047.0000	0120.4	072.9	53.88
309.0	000.4867	0073.0	013.0	103.3	047.0000	0120.4	073.0	53.86
310.0	000.5024	0072.8	013.1	103.1	047.0000	0120.4	073.0	53.85
311.0	000.5184	0073.0	013.2	102.9	047.0000	0120.3	073.0	53.85
312.0	000.5346	0073.7	013.4	102.7	047.0000	0120.3	073.0	53.86
313.0	000.5511	0074.7	013.5	102.4	047.0000	0120.2	072.9	53.87
314.0	000.5678	0075.7	013.7	102.2	047.0000	0120.2	072.9	53.88

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
315.0	000.5882	0076.8	013.9	101.9	047.0000	0120.1	072.8	53.89
316.0	000.6055	0078.1	014.1	101.7	047.0000	0120.1	072.8	53.90
317.0	000.6230	0079.4	014.4	101.4	047.0000	0120.1	072.7	53.91
318.0	000.6408	0080.4	014.6	101.2	047.0000	0120.0	072.7	53.92
319.0	000.6588	0080.6	014.7	101.0	047.0000	0120.0	072.8	53.90
320.0	000.6771	0080.1	014.7	100.8	047.0000	0120.0	072.9	53.86
321.0	000.7106	0078.8	014.8	100.6	047.0000	0120.0	073.0	53.83
322.0	000.7488	0077.0	014.8	100.4	047.0000	0120.0	073.2	53.78
323.0	000.7841	0075.3	014.8	100.3	047.0000	0120.0	073.3	53.73
324.0	000.8242	0073.6	014.8	100.1	047.0000	0120.0	073.5	53.68
325.0	000.8611	0072.1	014.9	100.0	047.0000	0120.0	073.7	53.63
326.0	000.9031	0071.0	014.9	099.8	047.0000	0120.1	073.8	53.60
327.0	000.9461	0070.8	015.1	099.5	047.0000	0120.1	073.9	53.57
328.0	000.9857	0071.5	015.3	099.3	047.0000	0120.2	073.9	53.57
329.0	001.0306	0072.8	015.7	098.9	047.0000	0120.3	073.9	53.58
330.0	001.0718	0074.4	016.0	098.6	047.0000	0120.4	073.9	53.59
331.0	001.1281	0076.0	016.5	098.2	047.0000	0120.6	073.8	53.61
332.0	001.1858	0077.4	016.9	097.8	047.0000	0120.7	073.8	53.62
333.0	001.2450	0078.3	017.2	097.4	047.0000	0120.8	073.9	53.61
334.0	001.3056	0079.0	017.5	097.1	047.0000	0120.9	073.9	53.60
335.0	001.3676	0079.6	017.8	096.8	047.0000	0121.0	074.0	53.57
336.0	001.4311	0079.9	018.1	096.5	047.0000	0121.1	074.2	53.53
337.0	001.4960	0080.0	018.3	096.2	047.0000	0121.1	074.3	53.49
338.0	001.5624	0079.9	018.5	096.0	047.0000	0121.2	074.5	53.44
339.0	001.6302	0079.6	018.6	095.8	047.0000	0121.2	074.7	53.37
340.0	001.6994	0078.5	018.7	095.6	047.0000	0121.2	075.0	53.29
341.0	001.7880	0076.8	018.7	095.5	047.0000	0121.1	075.3	53.21
342.0	001.8788	0075.1	018.8	095.3	047.0000	0121.1	075.6	53.12
343.0	001.9719	0073.3	018.8	095.2	047.0000	0121.1	075.9	53.03
344.0	002.0672	0071.8	018.8	095.1	047.0000	0121.1	076.2	52.95
345.0	002.1714	0070.6	018.9	095.0	047.0000	0121.1	076.4	52.87
346.0	002.2714	0069.7	019.0	094.8	047.0000	0121.1	076.7	52.78
347.0	002.3736	0069.1	019.1	094.7	047.0000	0121.1	077.0	52.70

01-18-2022 Terrain Data: GLOBE 30 Sec FMOver Analysis

768007 0000167883

Channel = 202C1
Max ERP = 47 kW
RCAMSL = 169.8 m
N. Lat. 34 12 31.10
W. Lng. 90 33 42.20
Protected
60 dBu

767759ame

Channel = 201A
Max ERP = 5 kW
RCAMSL = 180.8 m
N. Lat. 33 58 55.60
W. Lng. 89 40 51.90
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
047.0	047.0000	0118.9	047.3	321.2	000.7200	0078.3	073.7	33.22	
048.0	047.0000	0119.0	047.3	321.3	000.7218	0078.3	072.9	33.45	
049.0	047.0000	0119.0	047.3	321.3	000.7229	0078.2	072.0	33.68	
050.0	047.0000	0119.0	047.3	321.3	000.7234	0078.2	071.2	33.91	
051.0	047.0000	0119.0	047.3	321.3	000.7235	0078.2	070.4	34.13	
052.0	047.0000	0119.0	047.3	321.3	000.7236	0078.2	069.6	34.36	
053.0	047.0000	0119.2	047.3	321.3	000.7236	0078.2	068.7	34.59	
054.0	047.0000	0119.4	047.3	321.3	000.7232	0078.2	067.9	34.82	
055.0	047.0000	0119.5	047.4	321.3	000.7220	0078.2	067.1	35.05	
056.0	047.0000	0119.6	047.4	321.3	000.7201	0078.3	066.3	35.27	
057.0	047.0000	0119.6	047.4	321.2	000.7177	0078.4	065.4	35.50	
058.0	047.0000	0119.7	047.4	321.1	000.7148	0078.6	064.6	35.72	
059.0	047.0000	0119.8	047.4	321.0	000.7114	0078.7	063.8	35.94	
060.0	047.0000	0119.9	047.4	320.9	000.7079	0078.9	063.0	36.18	
061.0	047.0000	0120.1	047.4	320.8	000.7042	0079.0	062.2	36.41	
062.0	047.0000	0120.2	047.5	320.7	000.6997	0079.2	061.3	36.65	
063.0	047.0000	0120.3	047.5	320.5	000.6943	0079.5	060.5	36.89	
064.0	047.0000	0120.3	047.5	320.3	000.6879	0079.7	059.7	37.13	
065.0	047.0000	0120.1	047.4	320.1	000.6803	0080.0	058.9	37.37	
066.0	047.0000	0119.8	047.4	319.8	000.6740	0080.2	058.2	37.61	
067.0	047.0000	0119.4	047.3	319.5	000.6687	0080.4	057.4	37.86	
068.0	047.0000	0119.1	047.3	319.2	000.6630	0080.6	056.6	38.10	
069.0	047.0000	0118.9	047.3	318.9	000.6574	0080.7	055.8	38.34	
070.0	047.0000	0119.0	047.3	318.6	000.6519	0080.6	055.1	38.57	
071.0	047.0000	0119.1	047.3	318.3	000.6463	0080.5	054.3	38.79	
072.0	047.0000	0119.3	047.3	318.0	000.6404	0080.4	053.5	39.01	
073.0	047.0000	0119.5	047.4	317.6	000.6341	0080.1	052.8	39.22	
074.0	047.0000	0119.7	047.4	317.2	000.6274	0079.7	052.0	39.40	
075.0	047.0000	0119.8	047.4	316.8	000.6202	0079.2	051.3	39.57	
076.0	047.0000	0119.9	047.4	316.4	000.6123	0078.6	050.6	39.72	
077.0	047.0000	0119.9	047.4	315.9	000.6039	0078.0	049.8	39.85	
078.0	047.0000	0120.0	047.4	315.4	000.5953	0077.3	049.1	39.97	
079.0	047.0000	0120.1	047.4	314.9	000.5859	0076.6	048.4	40.08	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
080.0	047.0000	0120.3	047.5	314.3	000.5747	0076.0	047.8	40.17
081.0	047.0000	0120.4	047.5	313.8	000.5638	0075.5	047.1	40.27
082.0	047.0000	0120.6	047.5	313.1	000.5535	0074.8	046.4	40.36
083.0	047.0000	0120.7	047.5	312.5	000.5428	0074.2	045.8	40.44
084.0	047.0000	0120.9	047.6	311.8	000.5318	0073.6	045.1	40.52
085.0	047.0000	0121.1	047.6	311.1	000.5203	0073.1	044.5	40.59
086.0	047.0000	0121.2	047.6	310.4	000.5083	0072.8	043.9	40.68
087.0	047.0000	0121.2	047.6	309.6	000.4957	0072.8	043.3	40.78
088.0	047.0000	0121.2	047.6	308.7	000.4827	0073.1	042.8	40.90
089.0	047.0000	0121.3	047.6	307.9	000.4694	0073.5	042.3	41.02
090.0	047.0000	0121.3	047.6	307.0	000.4557	0073.9	041.8	41.13
091.0	047.0000	0121.3	047.6	306.1	000.4418	0074.4	041.3	41.24
092.0	047.0000	0121.3	047.6	305.1	000.4276	0075.0	040.8	41.33
093.0	047.0000	0121.3	047.6	304.1	000.4104	0075.2	040.4	41.36
094.0	047.0000	0121.2	047.6	303.0	000.3954	0075.2	040.0	41.35
095.0	047.0000	0121.1	047.6	302.0	000.3805	0075.0	039.6	41.31
096.0	047.0000	0121.2	047.6	300.9	000.3657	0074.7	039.3	41.25
097.0	047.0000	0121.0	047.6	299.8	000.3525	0074.3	038.9	41.17
098.0	047.0000	0120.6	047.5	298.6	000.3463	0074.0	038.7	41.17
099.0	047.0000	0120.3	047.5	297.4	000.3401	0073.8	038.5	41.16
100.0	047.0000	0120.0	047.4	296.2	000.3339	0073.7	038.3	41.15
101.0	047.0000	0120.0	047.4	295.0	000.3277	0073.7	038.1	41.15
102.0	047.0000	0120.1	047.4	293.8	000.3215	0074.0	037.9	41.19
103.0	047.0000	0120.3	047.5	292.6	000.3153	0074.7	037.7	41.25
104.0	047.0000	0120.5	047.5	291.3	000.3091	0075.3	037.5	41.29
105.0	047.0000	0120.7	047.5	290.1	000.3028	0075.8	037.4	41.30
106.0	047.0000	0120.8	047.5	288.8	000.3026	0076.4	037.4	41.39
107.0	047.0000	0120.8	047.5	287.5	000.3026	0077.3	037.4	41.50
108.0	047.0000	0120.8	047.5	286.2	000.3026	0078.4	037.4	41.61
109.0	047.0000	0120.9	047.5	285.0	000.3026	0079.2	037.4	41.67
110.0	047.0000	0120.9	047.6	283.7	000.3026	0079.2	037.5	41.64
111.0	047.0000	0121.1	047.6	282.4	000.3026	0078.7	037.6	41.55
112.0	047.0000	0121.4	047.6	281.2	000.3026	0077.6	037.7	41.39
113.0	047.0000	0121.6	047.6	280.0	000.3029	0076.0	037.8	41.16
114.0	047.0000	0121.6	047.7	278.7	000.3113	0074.5	038.0	41.03
115.0	047.0000	0121.5	047.6	277.5	000.3184	0073.3	038.3	40.88
116.0	047.0000	0121.4	047.6	276.4	000.3257	0072.8	038.6	40.82
117.0	047.0000	0121.4	047.6	275.2	000.3336	0073.4	038.9	40.86
118.0	047.0000	0121.5	047.6	274.1	000.3400	0074.5	039.2	40.93
119.0	047.0000	0121.7	047.7	273.0	000.3485	0075.7	039.5	41.03
120.0	047.0000	0121.9	047.7	271.9	000.3545	0076.8	039.9	41.08
121.0	047.0000	0122.0	047.7	270.9	000.3625	0078.0	040.3	41.14
122.0	047.0000	0122.1	047.7	269.9	000.3688	0079.1	040.7	41.16
123.0	047.0000	0122.1	047.7	268.9	000.3791	0080.2	041.2	41.21
124.0	047.0000	0122.0	047.7	268.0	000.3869	0081.5	041.7	41.23
125.0	047.0000	0122.1	047.7	267.0	000.3971	0082.2	042.2	41.22
126.0	047.0000	0122.1	047.7	266.2	000.4046	0082.5	042.7	41.13
127.0	047.0000	0122.1	047.7	265.3	000.4137	0082.7	043.2	41.03
128.0	047.0000	0122.0	047.7	264.6	000.4228	0082.2	043.8	40.86
129.0	047.0000	0121.7	047.7	263.8	000.4309	0081.1	044.4	40.60
130.0	047.0000	0121.5	047.6	263.1	000.4371	0080.3	045.1	40.35

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
131.0	047.0000	0121.4	047.6	262.4	000.4448	0079.5	045.7	40.12
132.0	047.0000	0121.2	047.6	261.8	000.4519	0078.9	046.3	39.90
133.0	047.0000	0121.2	047.6	261.2	000.4576	0078.4	047.0	39.67
134.0	047.0000	0121.1	047.6	260.6	000.4643	0078.4	047.7	39.50
135.0	047.0000	0121.2	047.6	260.0	000.4715	0078.6	048.3	39.35
136.0	047.0000	0121.2	047.6	259.4	000.4835	0078.8	049.0	39.24
137.0	047.0000	0121.3	047.6	258.9	000.4949	0079.0	049.7	39.12
138.0	047.0000	0121.3	047.6	258.4	000.5056	0079.2	050.4	38.98
139.0	047.0000	0121.3	047.6	258.0	000.5159	0079.5	051.2	38.83
140.0	047.0000	0121.3	047.6	257.5	000.5272	0079.6	051.9	38.68
141.0	047.0000	0121.4	047.6	257.1	000.5380	0079.6	052.6	38.51
142.0	047.0000	0121.5	047.6	256.7	000.5484	0079.6	053.4	38.32
143.0	047.0000	0121.6	047.7	256.4	000.5582	0079.6	054.1	38.13
144.0	047.0000	0121.7	047.7	256.0	000.5674	0079.6	054.9	37.94
145.0	047.0000	0121.7	047.7	255.7	000.5748	0079.7	055.7	37.73
146.0	047.0000	0121.6	047.7	255.4	000.5812	0079.7	056.5	37.50
147.0	047.0000	0121.5	047.6	255.2	000.5870	0079.7	057.3	37.27
148.0	047.0000	0121.4	047.6	255.0	000.5928	0079.7	058.1	37.04
149.0	047.0000	0121.4	047.6	254.7	000.5989	0079.7	058.9	36.82
150.0	047.0000	0121.4	047.6	254.5	000.6045	0079.7	059.7	36.59
151.0	047.0000	0121.3	047.6	254.4	000.6096	0079.6	060.5	36.36
152.0	047.0000	0121.4	047.6	254.2	000.6143	0079.6	061.3	36.13
153.0	047.0000	0121.4	047.6	254.0	000.6188	0079.6	062.1	35.90
154.0	047.0000	0121.5	047.6	253.9	000.6230	0079.5	062.9	35.68
155.0	047.0000	0121.4	047.6	253.8	000.6264	0079.5	063.8	35.46
156.0	047.0000	0121.3	047.6	253.7	000.6291	0079.5	064.6	35.24
157.0	047.0000	0121.2	047.6	253.6	000.6314	0079.5	065.4	35.02
158.0	047.0000	0121.1	047.6	253.6	000.6332	0079.5	066.2	34.80
159.0	047.0000	0121.0	047.6	253.5	000.6346	0079.5	067.1	34.57
160.0	047.0000	0120.9	047.6	253.5	000.6357	0079.5	067.9	34.35
161.0	047.0000	0120.8	047.5	253.5	000.6364	0079.5	068.7	34.12
162.0	047.0000	0120.8	047.5	253.5	000.6369	0079.5	069.5	33.90
163.0	047.0000	0120.8	047.5	253.4	000.6371	0079.5	070.4	33.67
164.0	047.0000	0120.8	047.5	253.5	000.6368	0079.5	071.2	33.44
165.0	047.0000	0120.7	047.5	253.5	000.6360	0079.5	072.0	33.20
166.0	047.0000	0120.7	047.5	253.5	000.6352	0079.5	072.9	32.97

ASR #1243505 -- American Towers

Danielle Poirier

1-781-926-4633

Authorized Representative

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 Tillatoba, MS.

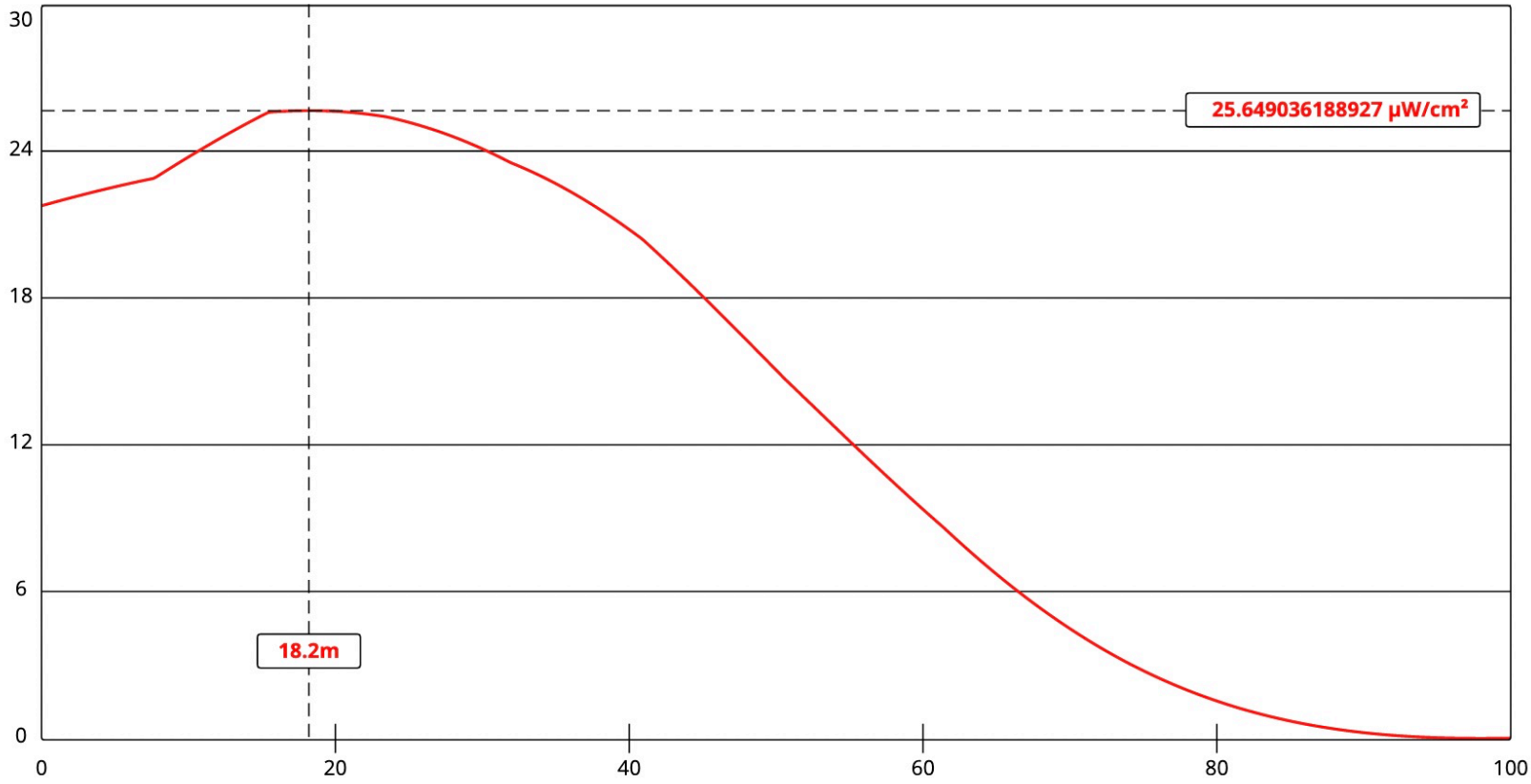
The new facility will operate on 88.1 MHz with a maximum effective radiated power (ERP) of 5.0 kW in both Horizontal and Vertical. The facility will operate with a three element antenna mounted 89.7 meters above ground level (AGL). For purposes of this study, a worst case three bay, EPA Type 1 element as defined from FCC program FM Model Version has been assumed

The result of the evaluation with FMModel[1] 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 25.6 $\frac{\mu W}{cm^2}$ at a distance of approximately 18.2 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



View Tabular Results +

Channel Selection	Channel 201 (88.1 MHz)		
Antenna Type +	EPA Type 1: Ring-and-Stub or "Other"		
Height (m)	89.7	Distance (m)	100
ERP-H (W)	5000	ERP-V (W)	5000
Num of Elements	3	Element Spacing (λ)	1
Num of Points	500	Apply	