

Technical Exhibit
Minor Change of W248CH
418m RC-AMSL
267m AGL
250 Watts

TABLE OF CONTENTS

	Technical Statement
Figure 1	Interference Table
Figure 2	Interference Maps
Figure 3	Section 74.1204
Figure 4	AM Fill-In Eligibility
Figure 5	Mattoon Eligibility
Figure 6	Antenna

Interference Compliance

Contour protection, as required by C.F.R. Section 74.1204 to co-channel and first, second and third adjacent channels is demonstrated herein by Figures 1 and 2.

The proposed HAAT and the predicted 60 dBu contours were calculated in accordance with Section 47 C.F.R. 73.313. The average terrain elevations were calculated along 12 radials using the NGDC 30 second terrain database.

All contours displayed in exhibits are plotted in accordance with the propagation prediction curves of Section 73.333.

The instant application seeks a waiver of the second adjacent minimum distance separation requirement of 47 C.F.R. Section 74.1204. The proposed facility will not interfere with any authorized radio service, specifically, KYKY and KFTK.

Figure 3 shows a tabular output of the interfering 169 dBu F(50,10) contour of the proposed facility with respect to KYKY. There are no tall buildings within the area.

Figure 3-1 shows a tabular output of the interfering 110 dBu F(50,10) contour of the proposed facility with respect to KFTK. There are no tall buildings within the area.

AM Fill-In Eligibility

Figure 4 shows the 60 dBu contour of the proposed facility completely within the lesser of 25 mile/40 kM limit of the main station, KHOJ AM 1460 or its 2 mV/m contour.

Mattoon Waiver Technical Factors

A waiver of CFR 74.1233(a) is requested. The proposed facility is mutually exclusive with the currently licensed facility and will rebroadcast KHOJ AM 1460 (see Figure 5).

RF Electromagnetic Exposure Analysis

The proposed facility will not have a significant environmental impact and complies with maximum permissible radio frequency electromagnetic exposure limits for a controlled environment, in accordance with OET Bulletin No. 65.

Using a worst case assumption of maximum downward radiation ($F=1.0$) the RF exposure at 2m above ground level is less than 0.1% of the controlled standard. This is inconsequential when added to existing RF on the tower. The site is fenced. The power will be reduced or shut off to allow necessary access to the tower.

Figure 1

REFERENCE
38 34 49.8 N.
90 19 44.6 W.

CH# 248D - 97.5 MHz, Pwr= 0.25 kW DA, HAAT= 263.3 M, COR= 418 M
Average Protected F(50-50)= 21.19 km
Standard Directional

DISPLAY DATES
DATA 04-07-16
SEARCH 04-25-16

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	*OUT* in km)
248D W248CH Shrewsbury	CP DC_ MO	0.0 0.0	0.00 BMPFT20160217AAN	38 34 49.8 90 19 44.6	0.250 482	69.4 23.1	-90.1*	-86.4*			
251C1 KYKY St. Louis	LIC _CX MO	155.1 335.1	0.75 BLH20110919AD0	38 34 27.7 90 19 31.5	90.000 309	9.6 462	70.2	-18.1*	-69.7*		
248D W248CH Belleville	LIC DC_ IL	94.6 274.8	26.60 BLFT20150324AAI	38 33 39.5 90 01 26.5	0.200 203	35.9 10.5	-21.2*	-24.4*			
246C1 KFTK Florissant	LIC _CN MO	302.6 122.4	41.11 BLH19851127KC	38 46 45.0 90 43 43.0	100.000 171	7.8 334	62.1	12.7	-22.1*		
249C2 KHZR Potosi	LIC NCX MO	208.9 28.6	78.83 BLH20061106ABW	37 57 31.0 90 45 47.0	26.500 207	79.9 483	53.0	-15.0*	4.2		
248A WDLJ Breese	LIC _CX IL	87.5 268.0	81.39 BLH20030212AAV	38 36 33.0 89 23 35.0	2.500 156	82.4 290	28.3	-13.9*	12.2		
246D KFTK-FM1 St. Louis	LIC _CN MO	65.4 245.5	13.23 BLFTB19940930TD	38 37 48.0 90 11 26.0	0.070 154	0.6 293	11.1	-1.5*	1.5		
248B1 WBBA-FM Pittsfield	LIC _CN IL	340.2 159.9	118.40 BLH19890821KE	39 34 53.0 90 47 52.0	10.000 93	97.2 297	39.4	0.6	7.5		
248A KJMO Linn	LIC _CX MO	266.7 85.7	135.47 BLH20060714AAX	38 29 56.9 91 53 00.4	6.000 100	83.2 320	25.3	31.9	46.9		
247A WRAN Taylorville	LIC _CX IL	42.6 223.2	132.32 BLH20011109ACK	39 27 08.0 89 17 10.0	4.600 114	43.9 306	28.6	67.6	75.2		
248C2 KOEA Doniphan	LIC _CN MO	191.2 10.9	225.60 BLH19890313KE	36 35 20.0 90 49 10.0	40.000 176	132.7 314	49.9	81.0	138.5		
247A KYRX Marble Hill	LIC _CN MO	170.6 350.8	135.20 BLH19991209ACW	37 22 49.0 90 04 49.0	3.600 130	35.6 335	23.3	89.8	97.7		
248B WHMS-FM Champaign	LIC _CN IL	46.3 227.6	244.90 BLH19911022KB	40 05 04.0 88 14 53.0	50.000 109	133.2 328	60.1	91.2	109.9		
249A WOLZ Petersburg	LIC _CX IL	19.4 199.8	156.89 BLH20020305AAR	39 54 35.0 89 43 01.0	6.000 100	44.4 273	28.7	91.4	97.1		
249A WHET West Frankfort	LIC _C_ IL	126.6 307.4	152.62 BLH19961030KC	37 45 15.0 88 56 05.0	3.500 132	45.0 269	29.6	96.5	108.5		
247B WRUL Carmi	LIC _CN IL	106.0 287.3	193.69 BLH19860107KC	38 04 54.0 88 12 04.0	50.000 149	78.0 272	65.0	103.7	103.7		
247C3 KTCM Madi son	LIC _CX MO	301.8 120.6	185.85 BLH20100610ACO	39 26 45.4 92 10 11.3	12.000 146	59.8 374	40.2	105.5	115.0		
246D W246BL Salem	LIC _C_ IL	87.3 268.1	122.09 BLFT20070926AOF	38 37 29.0 88 55 30.0	0.099 31	0.7 192	5.7	108.3	115.9		
250C2 KICK-FM Palmyra	LIC _C_ MO	322.7 142.0	165.20 BLH20001016ABT	39 45 26.0 91 29 58.0	43.000 162	5.7 342	50.4	138.8	113.5		

Terrain database is NGDC 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= West Zone, Co to 3rd adjacent.
All separation margins (if shown) include rounding. Call signs with strikeout need not be protected.
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.

Figure 2
Minor Change of W248CH

FMCommander Single Allocation Study - 04-25-2016 - NGDC 30 SEC
W248CH.A's Overlaps (In= -15.03 km, Out= 4.17 km)

W248CH.A CH 248 D DA
Lat= 38 34 49.8, Lng= 90 19 44.6
0.25 kW 263.3 m HAAT, 418 m COR
Prot.= 60 dBu, Intef.= 54 dBu

KHZR CH 249 C2 73.215 N BLH20061106ABW
Lat= 37 57 31.0, Lng= 90 45 47.0
26.5 kW 207 m HAAT, 483 m COR
Prot.= 60 dBu, Intef.= 54 dBu

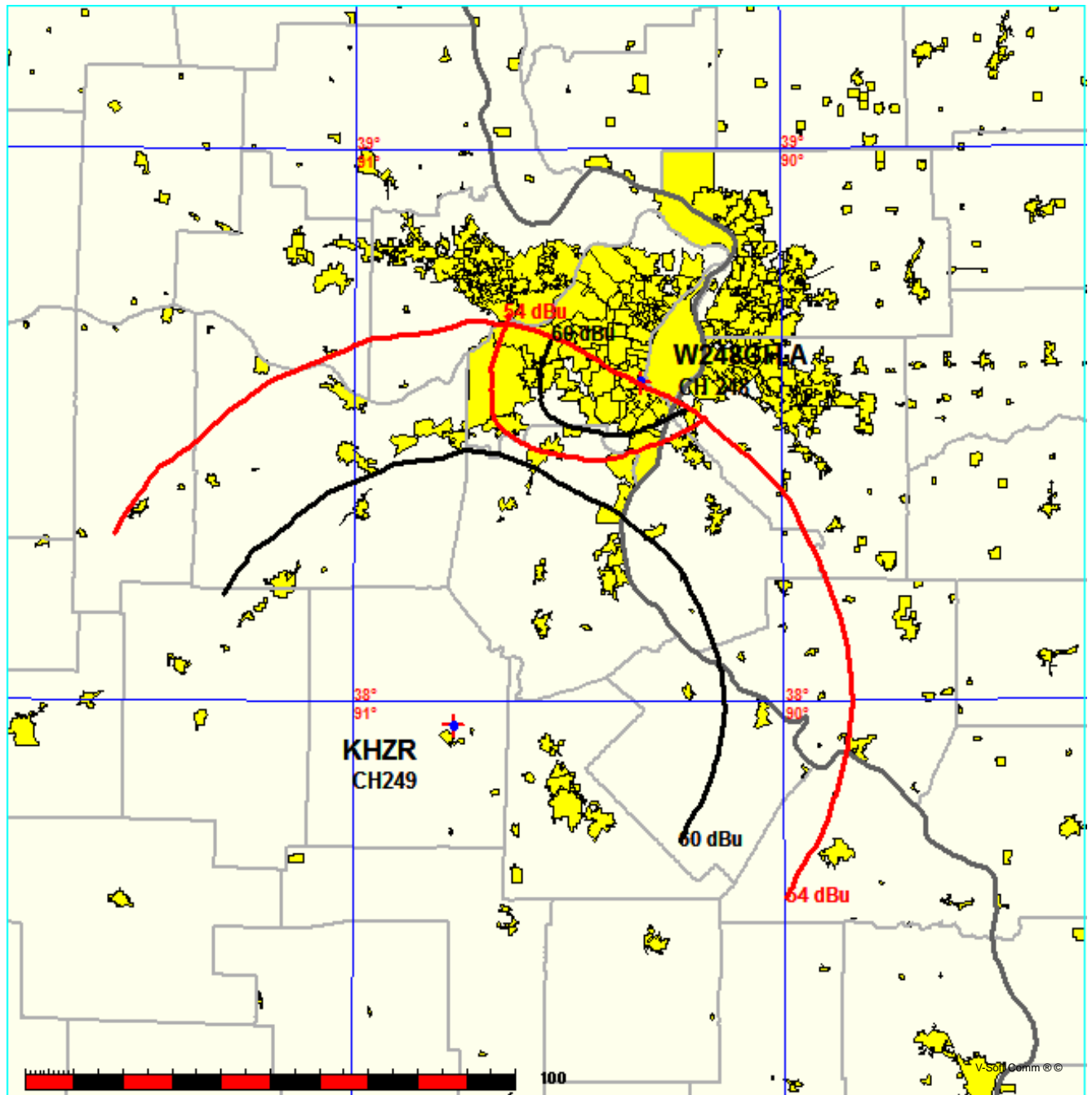


Figure 2-1
Minor Change of W248CH

FMCommander Single Allocation Study - 04-25-2016 - NGDC 30 SEC
W248CH.A's Overlaps (In= -13.86 km, Out= 12.23 km)

W248CH.A CH 248 D DA
Lat= 38 34 49.8, Lng= 90 19 44.6
0.25 kW 263.3 m HAAT, 418 m COR
Prot.= 60 dBu, Intef.= 40 dBu

WDLJ CH 248 A BLH20030212AAV
Lat= 38 36 33.0, Lng= 89 23 35.0
2.5 kW 156 m HAAT, 289.5 m COR
Prot.= 60 dBu, Intef.= 40 dBu

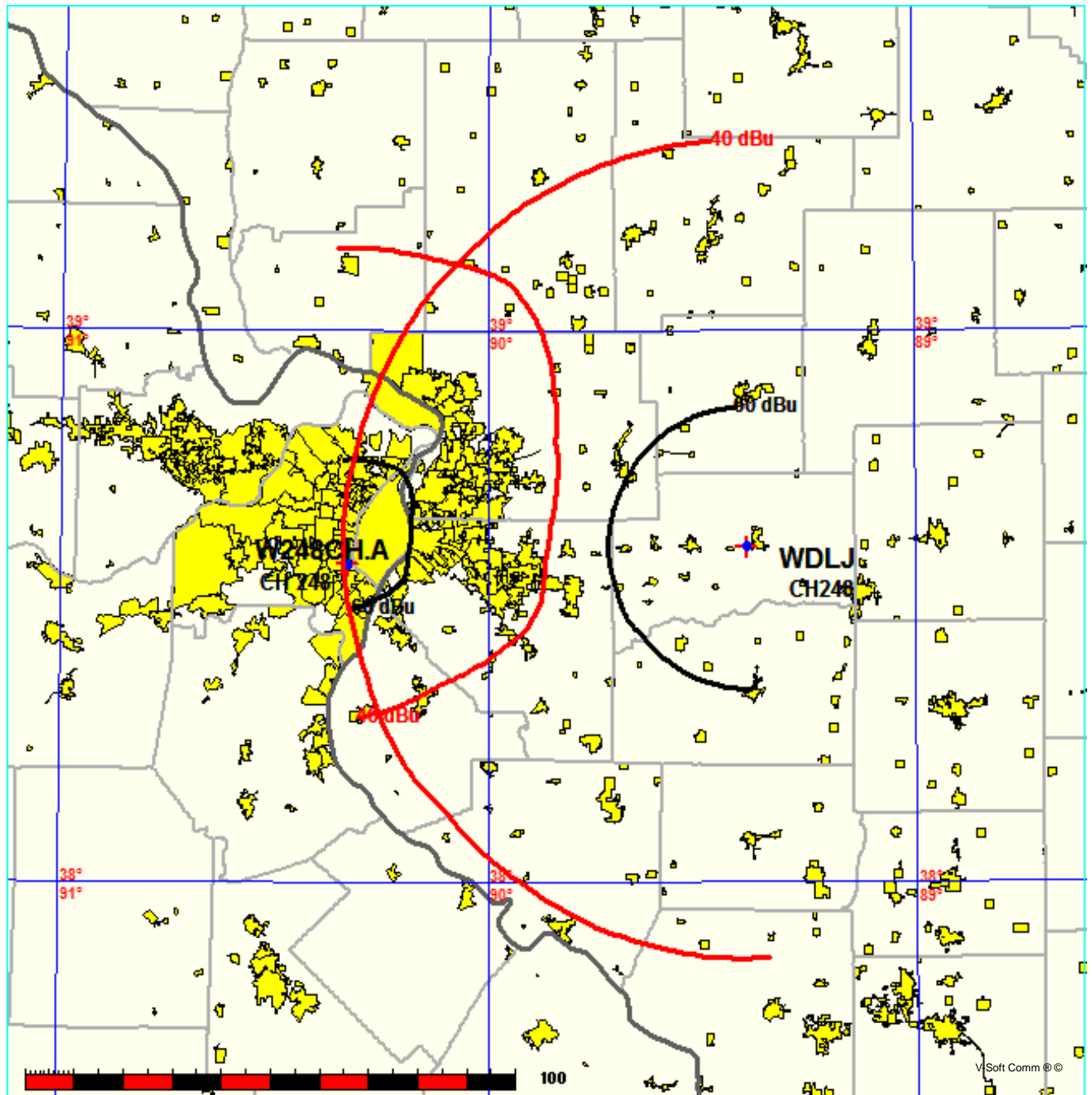


Figure 3

W248CH. A Shrewsbury, MO
 74.1204(d) Showing
 Translator Maximum Licensed ERP = 0.25
 Translator Antenna Height AG = 267 Meters
 W248CH. A Antenna Model = FMEC-1

Protected Station's Contour = 128.9891 dBu
 Translator's Interference contour 168.9891

Review Azimuth = 0 Degrees True
 Relative Field on the horizon at Review Azimuth = 1.000
 Translator ERP on the horizon at Review Azimuth = 0.25 kW
 Distance between stations = 0.7 km
 Protected Station= KYKY, 90 kW, 462.2 M Meters COR AMSL

Depression Angle From Horizon(Deg)	Vertical Relative Field	Horizontal Relative Field	ERP (kw)	Dist to IX Contour Along Dep. Angle(m)	Dist to IX Contour From Tower Base(m)	Height IX Above Ground (m)
00.00	1.0	1.0	0.2500	000.3940	000.3940	267.000
01.00	1.0	1.0	0.2500	000.3940	000.3940	266.993
02.00	0.999	1.0	0.2495	000.3936	000.3934	266.986
03.00	0.999	1.0	0.2495	000.3936	000.3931	266.979
04.00	0.998	1.0	0.2490	000.3932	000.3923	266.973
05.00	0.997	1.0	0.2485	000.3928	000.3913	266.966
06.00	0.995	1.0	0.2475	000.3920	000.3899	266.959
07.00	0.993	1.0	0.2465	000.3913	000.3883	266.952
08.00	0.991	1.0	0.2455	000.3905	000.3867	266.946
09.00	0.989	1.0	0.2445	000.3897	000.3849	266.939
10.00	0.986	1.0	0.2430	000.3885	000.3826	266.933
11.00	0.983	1.0	0.2416	000.3873	000.3802	266.926
12.00	0.98	1.0	0.2401	000.3861	000.3777	266.920
13.00	0.977	1.0	0.2386	000.3850	000.3751	266.913
14.00	0.973	1.0	0.2367	000.3834	000.3720	266.907
15.00	0.969	1.0	0.2347	000.3818	000.3688	266.901
16.00	0.965	1.0	0.2328	000.3802	000.3655	266.895
17.00	0.961	1.0	0.2309	000.3787	000.3621	266.889
18.00	0.956	1.0	0.2285	000.3767	000.3582	266.884
19.00	0.951	1.0	0.2261	000.3747	000.3543	266.878
20.00	0.946	1.0	0.2237	000.3727	000.3503	266.873
21.00	0.94	1.0	0.2209	000.3704	000.3458	266.867
22.00	0.934	1.0	0.2181	000.3680	000.3412	266.862
23.00	0.928	1.0	0.2153	000.3656	000.3366	266.857
24.00	0.922	1.0	0.2125	000.3633	000.3319	266.852
25.00	0.916	1.0	0.2098	000.3609	000.3271	266.847
26.00	0.9	1.0	0.2025	000.3546	000.3187	266.845
27.00	0.902	1.0	0.2034	000.3554	000.3167	266.839
28.00	0.895	1.0	0.2003	000.3526	000.3114	266.834
29.00	0.887	1.0	0.1967	000.3495	000.3057	266.831
30.00	0.879	1.0	0.1932	000.3463	000.2999	266.827
31.00	0.871	1.0	0.1897	000.3432	000.2942	266.823
32.00	0.863	1.0	0.1862	000.3400	000.2884	266.820

Figure 3

33.00	0.855	1.0	0.1828	000.3369	000.2825	266.817
34.00	0.846	1.0	0.1789	000.3333	000.2764	266.814
35.00	0.837	1.0	0.1751	000.3298	000.2702	266.811
36.00	0.828	1.0	0.1714	000.3262	000.2639	266.808
37.00	0.819	1.0	0.1677	000.3227	000.2577	266.806
38.00	0.809	1.0	0.1636	000.3188	000.2512	266.804
39.00	0.799	1.0	0.1596	000.3148	000.2447	266.802
40.00	0.789	1.0	0.1556	000.3109	000.2381	266.800
41.00	0.779	1.0	0.1517	000.3069	000.2317	266.799
42.00	0.769	1.0	0.1478	000.3030	000.2252	266.797
43.00	0.758	1.0	0.1436	000.2987	000.2184	266.796
44.00	0.747	1.0	0.1395	000.2943	000.2117	266.796
45.00	0.736	1.0	0.1354	000.2900	000.2051	266.795
46.00	0.725	1.0	0.1314	000.2857	000.1984	266.795
47.00	0.714	1.0	0.1274	000.2813	000.1919	266.794
48.00	0.702	1.0	0.1232	000.2766	000.1851	266.794*
49.00	0.69	1.0	0.1190	000.2719	000.1784	266.795
50.00	0.679	1.0	0.1153	000.2675	000.1720	266.795
51.00	0.666	1.0	0.1109	000.2624	000.1651	266.796
52.00	0.654	1.0	0.1069	000.2577	000.1586	266.797
53.00	0.642	1.0	0.1030	000.2530	000.1522	266.798
54.00	0.629	1.0	0.0989	000.2478	000.1457	266.799
55.00	0.616	1.0	0.0949	000.2427	000.1392	266.801
56.00	0.603	1.0	0.0909	000.2376	000.1329	266.803
57.00	0.59	1.0	0.0870	000.2325	000.1266	266.805
58.00	0.577	1.0	0.0832	000.2273	000.1205	266.807
59.00	0.564	1.0	0.0795	000.2222	000.1145	266.810
60.00	0.55	1.0	0.0756	000.2167	000.1084	266.812
61.00	0.536	1.0	0.0718	000.2112	000.1024	266.815
62.00	0.523	1.0	0.0684	000.2061	000.0967	266.818
63.00	0.509	1.0	0.0648	000.2006	000.0910	266.821
64.00	0.495	1.0	0.0613	000.1950	000.0855	266.825
65.00	0.48	1.0	0.0576	000.1891	000.0799	266.829
66.00	0.466	1.0	0.0543	000.1836	000.0747	266.832
67.00	0.452	1.0	0.0511	000.1781	000.0696	266.836
68.00	0.437	1.0	0.0477	000.1722	000.0645	266.840
69.00	0.423	1.0	0.0447	000.1667	000.0597	266.844
70.00	0.408	1.0	0.0416	000.1608	000.0550	266.849
71.00	0.393	1.0	0.0386	000.1548	000.0504	266.854
72.00	0.378	1.0	0.0357	000.1489	000.0460	266.858
73.00	0.363	1.0	0.0329	000.1430	000.0418	266.863
74.00	0.348	1.0	0.0303	000.1371	000.0378	266.868
75.00	0.333	1.0	0.0277	000.1312	000.0340	266.873
76.00	0.318	1.0	0.0253	000.1253	000.0303	266.878
77.00	0.302	1.0	0.0228	000.1190	000.0268	266.884
78.00	0.287	1.0	0.0206	000.1131	000.0235	266.889
79.00	0.272	1.0	0.0185	000.1072	000.0204	266.895
80.00	0.256	1.0	0.0164	000.1009	000.0175	266.901
81.00	0.241	1.0	0.0145	000.0950	000.0149	266.906
82.00	0.225	1.0	0.0127	000.0887	000.0123	266.912
83.00	0.21	1.0	0.0110	000.0827	000.0101	266.918
84.00	0.194	1.0	0.0094	000.0764	000.0080	266.924
85.00	0.178	1.0	0.0079	000.0701	000.0061	266.930

Figure 3

86.00	0.163	1.0	0.0066	000.0642	000.0045	266.936
87.00	0.147	1.0	0.0054	000.0579	000.0030	266.942
88.00	0.131	1.0	0.0043	000.0516	000.0018	266.948
89.00	0.116	1.0	0.0034	000.0457	000.0008	266.954
90.00	0.1	1.0	0.0025	000.0394	000.0000	266.961

X-Field™ By V-Soft Communications®LLC

Figure 3-1

W248CH. A Shrewsbury, MO
 74.1204(d) Showing
 Translator Maximum Licensed ERP = 0.25
 Translator Antenna Height AG = 267 Meters
 W248CH. A Antenna Model = FMEC-1

Protected Station's Contour = 70.06119 dBu
 Translator's full Interference contour 110.06119

Review Azimuth = 0 Degrees True
 Relative Field on the horizon at Review Azimuth = 1.000
 Translator/LPFM ERP on the horizon at Review Azimuth = 0.25 kW
 Distance between stations = 41.1 km
 Protected Station= KFTK, 100 kW, 334 M Meters COR AMSL

Depression Angle From Horizon(Deg)	Vertical Relative Field	Horizontal Relative Field	ERP (kw)	Dist to IX Contour Along Dep. Angle(m)	Dist to IX Contour From Tower Base(m)	Height IX Above Ground (m)
00.00	1.0	1.0	0.2500	348.2655	348.2655	267.000
01.00	1.0	1.0	0.2500	348.2655	348.2125	260.922
02.00	0.999	1.0	0.2495	347.9173	347.7053	254.858
03.00	0.999	1.0	0.2495	347.9173	347.4405	248.791
04.00	0.998	1.0	0.2490	347.5690	346.7224	242.755
05.00	0.997	1.0	0.2485	347.2207	345.8995	236.738
06.00	0.995	1.0	0.2475	346.5242	344.6259	230.778
07.00	0.993	1.0	0.2465	345.8277	343.2499	224.854
08.00	0.991	1.0	0.2455	345.1311	341.7724	218.967
09.00	0.989	1.0	0.2445	344.4346	340.1941	213.119
10.00	0.986	1.0	0.2430	343.3898	338.1730	207.371
11.00	0.983	1.0	0.2416	342.3450	336.0552	201.677
12.00	0.98	1.0	0.2401	341.3002	333.8420	196.040
13.00	0.977	1.0	0.2386	340.2554	331.5347	190.459
14.00	0.973	1.0	0.2367	338.8624	328.7967	185.022
15.00	0.969	1.0	0.2347	337.4693	325.9703	179.657
16.00	0.965	1.0	0.2328	336.0762	323.0572	174.365
17.00	0.961	1.0	0.2309	334.6832	320.0591	169.148
18.00	0.956	1.0	0.2285	332.9418	316.6465	164.115
19.00	0.951	1.0	0.2261	331.2005	313.1562	159.172
20.00	0.946	1.0	0.2237	329.4592	309.5904	154.318
21.00	0.94	1.0	0.2209	327.3696	305.6259	149.681
22.00	0.934	1.0	0.2181	325.2800	301.5944	145.148
23.00	0.928	1.0	0.2153	323.1904	297.4983	140.719
24.00	0.922	1.0	0.2125	321.1008	293.3402	136.397
25.00	0.916	1.0	0.2098	319.0112	289.1224	132.180
26.00	0.9	1.0	0.2025	313.4390	281.7171	129.597
27.00	0.902	1.0	0.2034	314.1355	279.8968	124.385
28.00	0.895	1.0	0.2003	311.6977	275.2127	120.667
29.00	0.887	1.0	0.1967	308.9115	270.1801	117.237
30.00	0.879	1.0	0.1932	306.1254	265.1124	113.937
31.00	0.871	1.0	0.1897	303.3393	260.0125	110.769
32.00	0.863	1.0	0.1862	300.5532	254.8835	107.731

Figure 3-1

33.00	0.855	1.0	0.1828	297.7670	249.7285	104.824
34.00	0.846	1.0	0.1789	294.6327	244.2615	102.244
35.00	0.837	1.0	0.1751	291.4983	238.7814	099.803
36.00	0.828	1.0	0.1714	288.3639	233.2913	097.504
37.00	0.819	1.0	0.1677	285.2295	227.7944	095.345
38.00	0.809	1.0	0.1636	281.7468	222.0195	093.539
39.00	0.799	1.0	0.1596	278.2642	216.2519	091.883
40.00	0.789	1.0	0.1556	274.7815	210.4948	090.374
41.00	0.779	1.0	0.1517	271.2989	204.7518	089.012
42.00	0.769	1.0	0.1478	267.8162	199.0262	087.796
43.00	0.758	1.0	0.1436	263.9853	193.0666	086.962
44.00	0.747	1.0	0.1395	260.1544	187.1394	086.282
45.00	0.736	1.0	0.1354	256.3234	181.2480	085.752
46.00	0.725	1.0	0.1314	252.4925	175.3960	085.372
47.00	0.714	1.0	0.1274	248.6616	169.5868	085.140*
48.00	0.702	1.0	0.1232	244.4824	163.5907	085.314
49.00	0.69	1.0	0.1190	240.3032	157.6531	085.641
50.00	0.679	1.0	0.1153	236.4723	152.0015	085.852
51.00	0.666	1.0	0.1109	231.9449	145.9676	086.745
52.00	0.654	1.0	0.1069	227.7657	140.2265	087.518
53.00	0.642	1.0	0.1030	223.5865	134.5577	088.436
54.00	0.629	1.0	0.0989	219.0590	128.7597	089.778
55.00	0.616	1.0	0.0949	214.5316	123.0503	091.266
56.00	0.603	1.0	0.0909	210.0041	117.4328	092.899
57.00	0.59	1.0	0.0870	205.4767	111.9106	094.673
58.00	0.577	1.0	0.0832	200.9492	106.4869	096.585
59.00	0.564	1.0	0.0795	196.4218	101.1647	098.634
60.00	0.55	1.0	0.0756	191.5461	095.7730	101.116
61.00	0.536	1.0	0.0718	186.6703	090.4996	103.734
62.00	0.523	1.0	0.0684	182.1429	085.5109	106.177
63.00	0.509	1.0	0.0648	177.2672	080.4776	109.054
64.00	0.495	1.0	0.0613	172.3914	075.5714	112.056
65.00	0.48	1.0	0.0576	167.1675	070.6480	115.495
66.00	0.466	1.0	0.0543	162.2917	066.0100	118.739
67.00	0.452	1.0	0.0511	157.4160	061.5073	122.098
68.00	0.437	1.0	0.0477	152.1920	057.0121	125.890
69.00	0.423	1.0	0.0447	147.3163	052.7934	129.468
70.00	0.408	1.0	0.0416	142.0923	048.5984	133.477
71.00	0.393	1.0	0.0386	136.8684	044.5600	137.588
72.00	0.378	1.0	0.0357	131.6444	040.6803	141.799
73.00	0.363	1.0	0.0329	126.4204	036.9617	146.104
74.00	0.348	1.0	0.0303	121.1964	033.4063	150.499
75.00	0.333	1.0	0.0277	115.9724	030.0159	154.979
76.00	0.318	1.0	0.0253	110.7484	026.7925	159.541
77.00	0.302	1.0	0.0228	105.1762	023.6595	164.519
78.00	0.287	1.0	0.0206	099.9522	020.7812	169.232
79.00	0.272	1.0	0.0185	094.7282	018.0750	174.012
80.00	0.256	1.0	0.0164	089.1560	015.4818	179.198
81.00	0.241	1.0	0.0145	083.9320	013.1299	184.101
82.00	0.225	1.0	0.0127	078.3597	010.9056	189.403
83.00	0.21	1.0	0.0110	073.1358	008.9130	194.409
84.00	0.194	1.0	0.0094	067.5635	007.0623	199.807
85.00	0.178	1.0	0.0079	061.9913	005.4029	205.245

Figure 3-1

86.00	0.163	1.0	0.0066	056.7673	003.9599	210.371
87.00	0.147	1.0	0.0054	051.1950	002.6793	215.875
88.00	0.131	1.0	0.0043	045.6228	001.5922	221.405
89.00	0.116	1.0	0.0034	040.3988	000.7051	226.607
90.00	0.1	1.0	0.0025	034.8266	000.0000	232.173

X-Field™ By V-Soft Communications®LLC

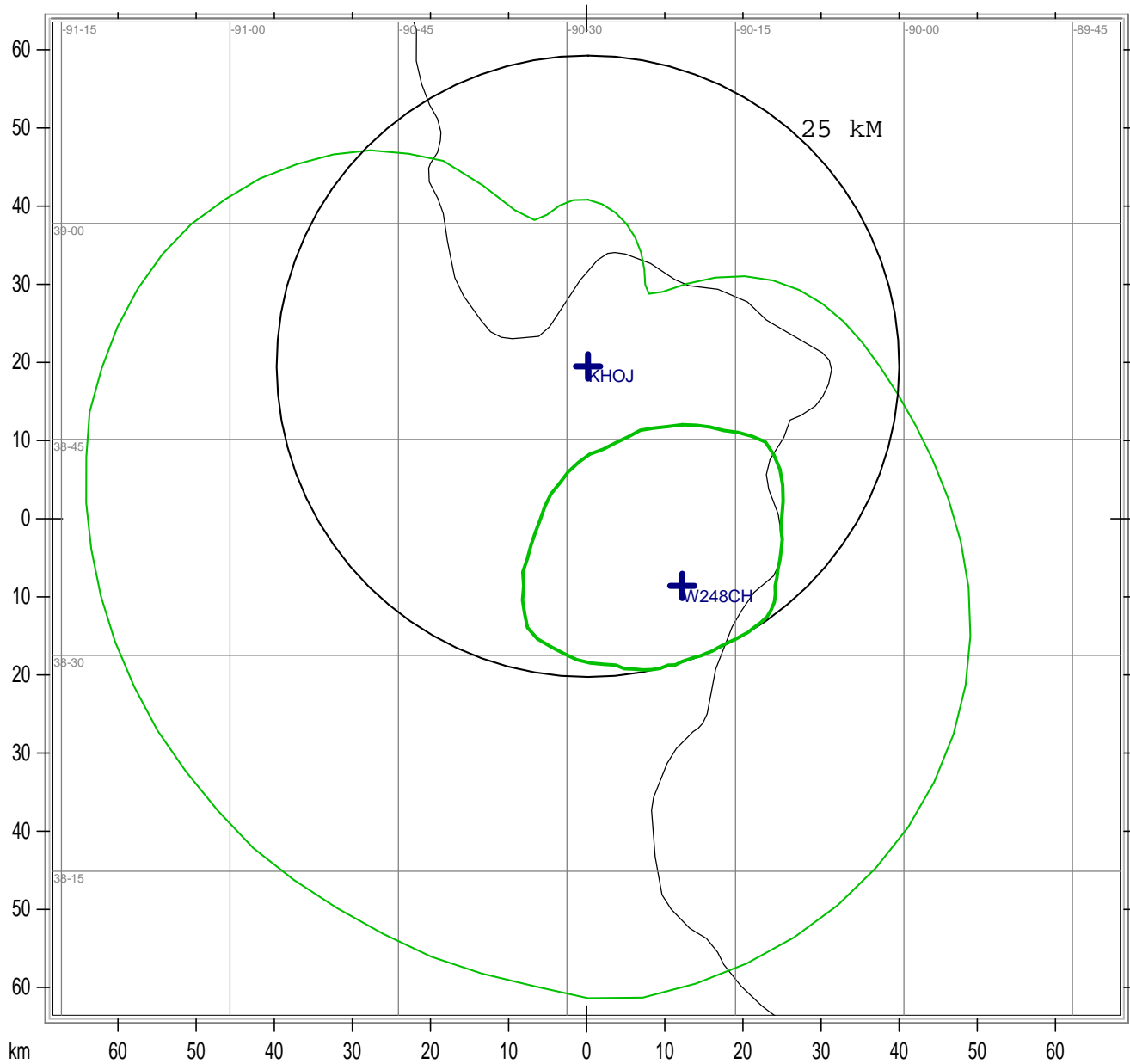
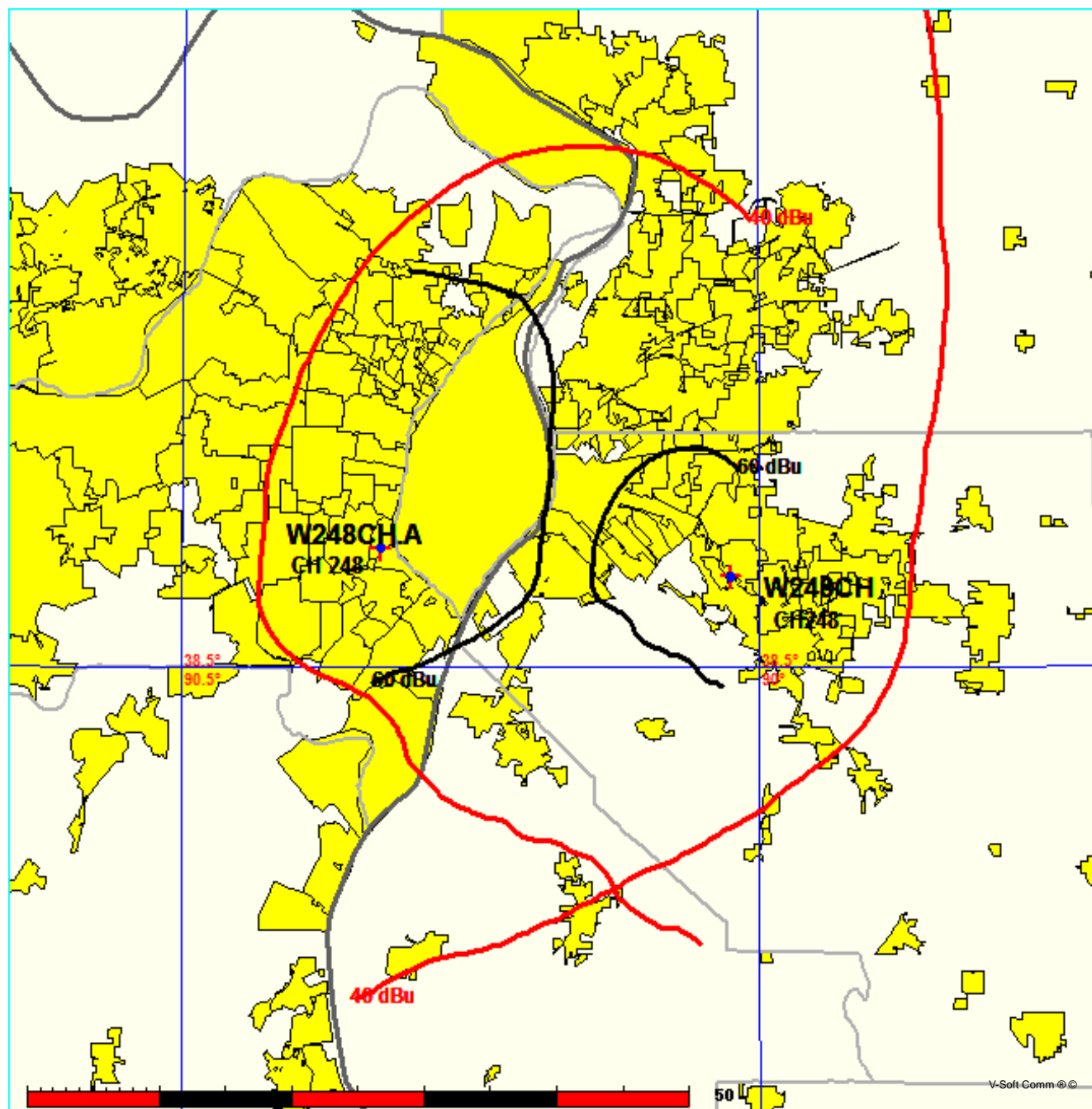


Figure 5
Minor Change of W248CH

FMCommander Single Allocation Study - 04-25-2016 - NGDC 30 SEC
W248CH.A's Overlaps (In= -21.24 km, Out= -24.42 km)

W248CH.A CH 248 D DA
Lat= 38 34 49.8, Lng= 90 19 44.6
0.25 kW 263.3 m HAAT, 418 m COR
Prot.= 60 dBu, Intef.= 40 dBu

W248CH CH 248 D DA BLFT20150324AAI
Lat= 38 33 39.5, Lng= 90 01 26.5
0.2 kW 0 m HAAT, 203 m COR
Prot.= 60 dBu, Intef.= 40 dBu



Graph is Relative Field

Azi	Field	dBk	kW
000	1.000	-06.021	0.250
010	1.000	-06.021	0.250
020	1.000	-06.021	0.250
030	1.000	-06.021	0.250
040	0.829	-07.650	0.172
050	0.619	-10.187	0.096
060	0.470	-12.579	0.055
070	0.398	-14.023	0.040
080	0.331	-15.624	0.027
090	0.297	-16.565	0.022
100	0.293	-16.683	0.021
110	0.275	-17.234	0.019
120	0.235	-18.599	0.014
130	0.205	-19.786	0.011
140	0.180	-20.915	0.008
150	0.175	-21.160	0.008
160	0.179	-20.964	0.008
170	0.195	-20.220	0.010
180	0.215	-19.372	0.012
190	0.240	-18.416	0.014
200	0.300	-16.478	0.023
210	0.354	-15.041	0.031
220	0.410	-13.765	0.042
230	0.525	-11.617	0.069
240	0.720	-08.874	0.130
250	0.900	-06.936	0.202
260	1.000	-06.021	0.250
270	1.000	-06.021	0.250
280	1.000	-06.021	0.250
290	1.000	-06.021	0.250
300	1.000	-06.021	0.250
310	1.000	-06.021	0.250
320	1.000	-06.021	0.250
330	1.000	-06.021	0.250
340	1.000	-06.021	0.250
350	1.000	-06.021	0.250

