

Technical Exhibit
Application for Construction Permit
Three Rivers, MI
Channel 218B1
20 kW Vertically Polarized 53m HAAT
60m AGL

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Predicted Coverage Contours

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 using the NED 03 second terrain database.

All contours plotted in exhibits are displayed along 360 radials and in accordance with the propagation prediction curves of Section 73.333. Population numbers are drawn from the 2000 US Census.

Interference Compliance

Contour protection, as required by C.F.R. Section 73.509 to co-channel and first, second and third adjacent channels is demonstrated herein by Figures 1 and 2. Required spacing to I.F. and/or channels 221-223 is shown in Figure 1.

TV6 Interference Analysis

The nearest TV6 station WLNS, licensed to Lansing, MI is located 112.98 km from the proposed antenna site. Section 73.525 designates TV 6 stations within 166 km of proposed FM stations on channel 218 to be affected, therefore WLNE-TV is an affected TV 6 station.

Without taking advantage of vertical only polarization pursuant to Section 73.252(e)(4)(ii), the Proposed's 79.5 dBu F(50,10) contour does not overlap WLNS' 47 dBu F(50,50) contour. There is no area of predicted interference (see Figures 3 to 3-2).

International Borders

The Proposed is within 320 km of the Canadian border. There are no related Canadian stations or allotments.

RF Electromagnetic Exposure Analysis

Using a worst case assumption of maximum downward radiation ($F=1.0$) the RF exposure at 2m above ground level is $198.10141 \mu\text{W}/\text{cm}^2$ or 19.8% of the controlled standard.

The actual downward radiation is expected to be less with construction of the Proposed utilizing a multi-bay antenna.

The tower is fenced with RF warning signs. The power will be reduced or shut off to allow necessary access to the tower.

Figure 1

Proposed Three Rivers, MI

CH# 218B1 - 91.5 MHz, Pwr= 20 kW, HAAT= 52.5 M, COR= 316.6 M

Average Protected F(50-50)= 27.76 km

DISPLAY DATES

DATA 09-22-07

SEARCH 10-03-07

REFERENCE	CH#	218B1 - 91.5 MHz, Pwr= 20 kW, HAAT= 52.5 M, COR= 316.6 M										DISPLAY DATES	
42 01 13.3 N.		Average Protected F(50-50)= 27.76 km										DATA	09-22-07
85 24 36.8 W.												SEARCH	10-03-07
CH CITY	CALL	TYPE	ANT STATE	AZI <--	DI ST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LI CENSEE	*IN* (Overl ap in km)	*OUT*		
06-2C Lansing	WLNSTV	LI MI	_HN	48.5 229.2	112.98 BLCT20020103AAA	42 41 19.0 84 22 35.0	100.000 305	577	103.8 Young	112.3R Broadcasting	0.7M Of Lans		
218A Columbia City	WJHS	LIC IN	_CN	184.3 4.2	94.95 BLED19850815KF	41 10 04.0 85 29 41.0	2.650 67	63.3 333	17.5 Columbia City	10.55 Joint	1.03 High S		
217A Orland	WCKZ	LIC IN	DCX	139.8 320.0	40.30 BLED20020114AAG	41 44 36.0 85 05 48.0	2.000 91	16.1 387	11.2 Northeast	5.13 Indiana	1.21 Public R		
217B Grand Rapids	WCSG	LIC MI	DCN	347.3 167.1	88.39 BLED19910801KA	42 47 46.0 85 38 58.0	37.000 174	67.0 400	45.0 Cornerstone	1.70 Uni	14.55 versi ty		
215A Fawn River	AP3248	APP MI	_VX	164.2 344.3	29.12 BNPED19991118AAW	41 46 05.0 85 18 53.0	0.300 40	1.2 316	9.1 Great Lakes	5.19 Communi ty	17.73 Broa		
219B Ann Arbor	WUOM	LIC MI	_CN	70.2 251.2	130.83 BLED19990204KA	42 24 27.0 83 54 50.0	93.000 237	95.6 513	64.8 Regents Of	7.81 The Uni	21.96 versi ty		
219A South Bend	WETL	LIC IN	_CN	237.5 56.9	81.66 BLED19830926AG	41 37 24.0 86 14 15.0	3.000 91	37.0 331	24.4 South Bend	14.70 Communi ty	8.76 Schoo		
215A Springfield	WCFG	CP MI	_VN	8.7 188.7	37.67 BPED19980814MA	42 21 20.0 85 20 28.0	0.700 107	1.6 378	16.9 Cornerstone	13.90 Uni	18.52 versi ty		
220A Howe	WQKO	LIC IN	NCN	173.5 353.5	41.44 BLED19940831KA	41 38 59.0 85 21 12.0	3.000 91	2.3 375	24.8 Csn	16.38 International	14.35		
216A Eckford Township	AP3129	APP MI	_EX	68.6 249.0	45.50 BNPED20000202ABE	42 10 05.0 84 53 50.0	0.410 66	1.4 361	12.0 Great Lakes	16.64 Communi ty	30.70 Broa		
221A Dowagiac	WHPD«	LIC MI	_CN	267.5 87.1	53.38 BMLH19911112KA	41 59 52.0 86 03 14.0	3.300 91	2.4 342	20.3 Lesea	21.33 Broadcasting	30.08 Corpora		
220A Richland	WTNP	APP MI	DCX	6.4 186.5	48.43 BMPED20070907AGN	42 27 13.0 85 20 39.0	6.000 72	1.2 352	12.9 Horizon	25.34 Christian	33.32 Fellowsh		
218B Chicago	WBEZ	APP IL	_CX	266.5 85.0	183.95 BPED20070816ACU	41 53 56.0 87 37 23.0	5.700 425	127.9 606	52.6 The Wbez	26.37 Alliance,	29.89 Inc.		
218B Chicago	WBEZ	CP IL	_CX	266.5 85.0	183.95 BPED20050914ACR	41 53 56.0 87 37 23.0	5.600 425	127.5 606	52.4 The Wbez	26.67 Alliance,	30.06 Inc.		
220B1 Howe	WQKO	CP IN	ZCX	177.7 357.7	51.82 BPED19981203IA	41 33 15.0 85 23 06.0	15.000 61	2.3 345	22.7 Csn	27.94 International	26.96		
218B Chicago	WBEZ	LIC IL	_CN	266.5 85.0	183.95 BLED19850628KL	41 53 56.0 87 37 23.0	8.300 360	126.4 539	52.4 The Wbez	27.84 Alliance,	30.05 Inc.		
220A Richland	WTNP	CP MI	DVX	2.7 182.7	51.52 BNPED19991117ABI	42 29 01.0 85 22 49.0	4.500 100	1.6 381	16.2 Horizon	28.69 Christian	33.15 Fellowsh		
271B Kalamazoo	WMUK«	LIC MI	_CN	347.3 167.2	45.24 BLH5990	42 25 03.0 85 31 55.0	50.000 149	29.3 410	97.7 Western	16.5R Mi	28.7M chi gan Uni versi t		
216A Goshen	WGCS	LIC IN	DCN	215.6 35.3	63.11 BLED19980313KA	41 33 29.0 85 51 06.0	6.000 89	2.5 342	25.8 Goshen	32.27 College	34.42 Broadcastin		
221A Hillsdale	WCSR-FM«	LIC MI	_CN	98.9 279.4	64.98 BLH19910918KB	41 55 41.0 84 38 10.0	6.000 74	3.1 411	26.1 Wcsr,	35.66 Inc	36.17		
218C3 Mt. Pleasant	WMHW-FM	APP MI	_CX	16.5 196.9	180.45 BPED20070905ACK	43 34 33.0 84 46 29.0	9.100 164	101.2 405	37.6 Central	55.10 Mi	48.42 chi gan Uni versi t		
218A Delphos	WBI E	LIC OH	_CX	140.8 321.6	153.30 BLED20011116AAW	40 56 48.0 84 15 24.0	5.500 98	85.2 319	27.7 American	49.08 Famil y	55.90 Associati o		
216A Pittsford	WPCJ	LIC MI	_CN	100.7 281.3	79.34 BLED19921120KA	41 53 04.0 84 28 15.0	0.270 56	1.2 377	7.2 Pittsford	52.20 Educati onal	69.45 Broa		
217B North Judson	WTMW	CP IN	DCX	220.5 39.8	142.76 BNPED19991214AAL	41 02 21.0 86 30 55.0	50.000 82	52.9 300	32.9 Li ving	59.99 Proof,	61.66 Inc.		

Terrain database is NED 03 SEC

ERP and HAAT are on direct line to and from reference station.

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

"***"affixed to 'IN' or 'OUT' values = site inside protected contour.

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

Figure 2
Proposed Three Rivers, MI

FMCommander Single Allocation Study
10-03-2007

NEW	CH 218 B1	WJHS	CH 218 A	BLED19850815KF
20.0 kW	316.6 M COR DA	2.65 kW,	333 M COR	
Prot. =	60 dBu	Prot. =	60 dBu	
Intef. =	40 dBu	Intef. =	40 dBu	

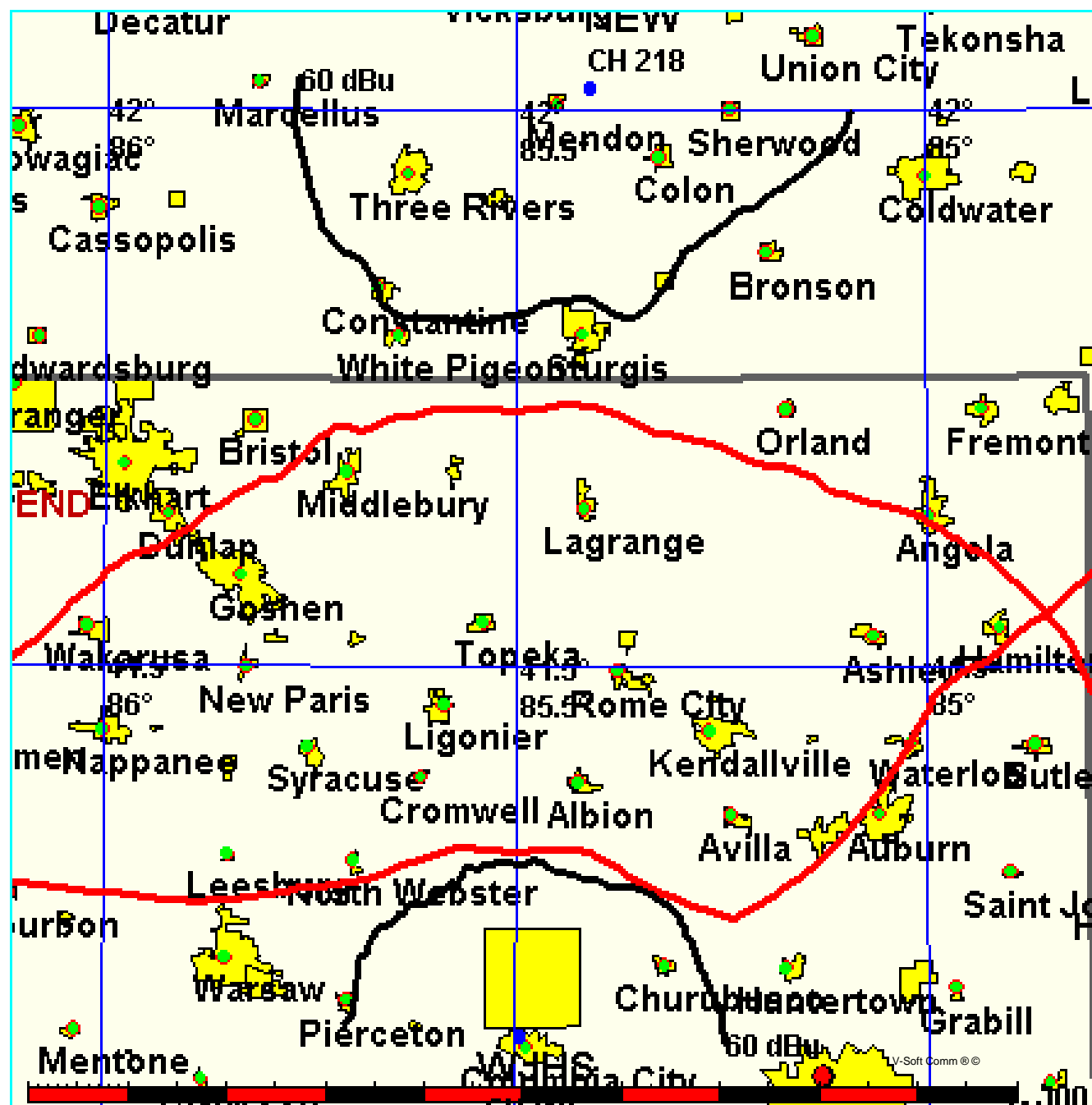


Figure 2-1
Proposed Three Rivers, MI

FMCommander Single Allocation Study
10-03-2007

NEW	CH 218 B1	WCKZ	CH 217 A	BLED20020114AAG
20.0 kW	316.6 M COR DA	2.0 kW,	387 M COR DA	
Prot. =	60 dBu	Prot. =	60 dBu	
Intef. =	54 dBu	Intef. =	54 dBu	

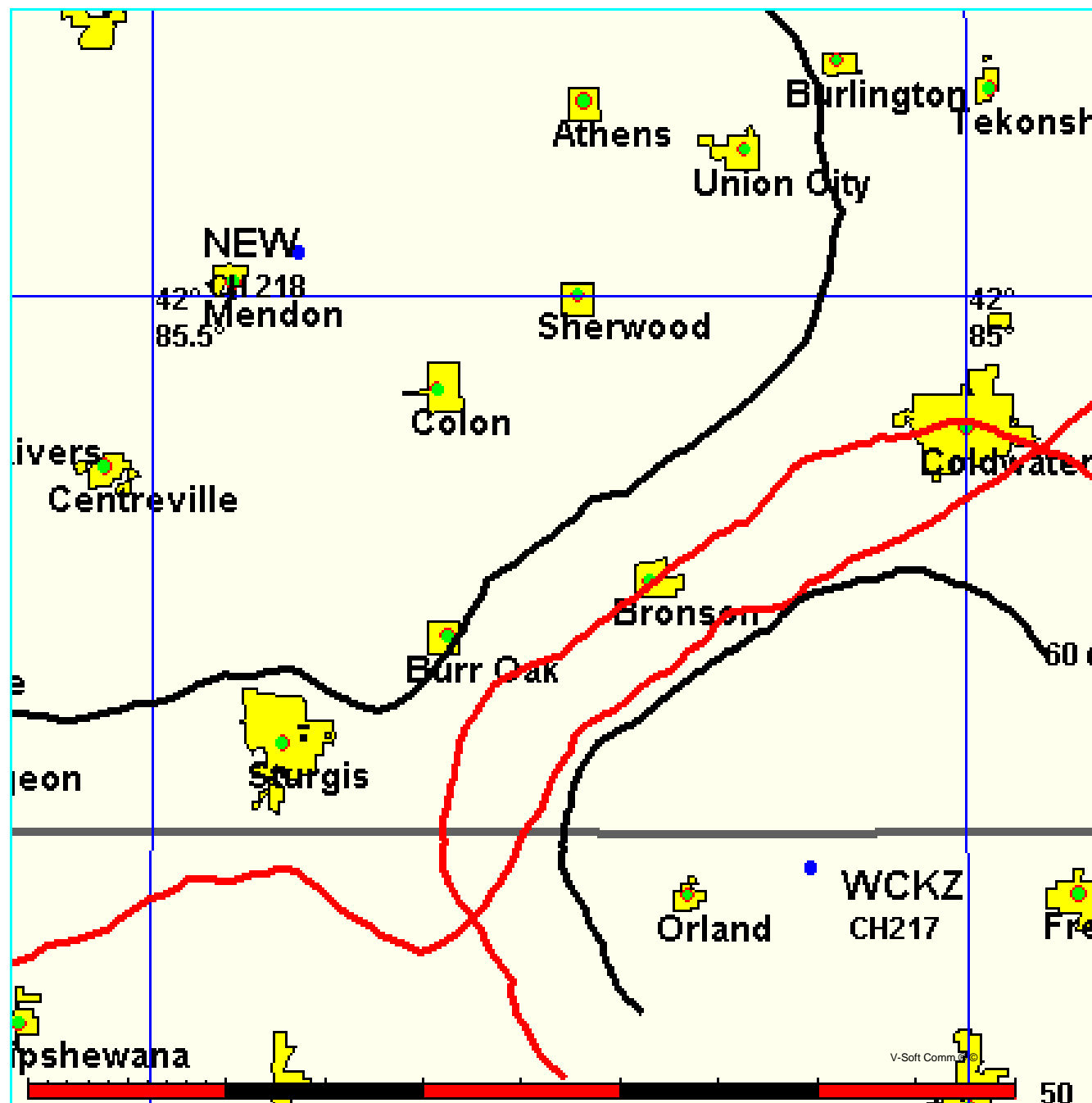


Figure 2-2
Proposed Three Rivers, MI

FMCommander Single Allocation Study
10-03-2007

NEW	CH 218 B1	WCSG	CH 217 B	BLED19910801KA
20.0 kW	316.6 M COR DA	37.0 kW,	400 M COR DA	
Prot. =	60 dBu	Prot. =	60 dBu	
Intef. =	54 dBu	Intef. =	54 dBu	

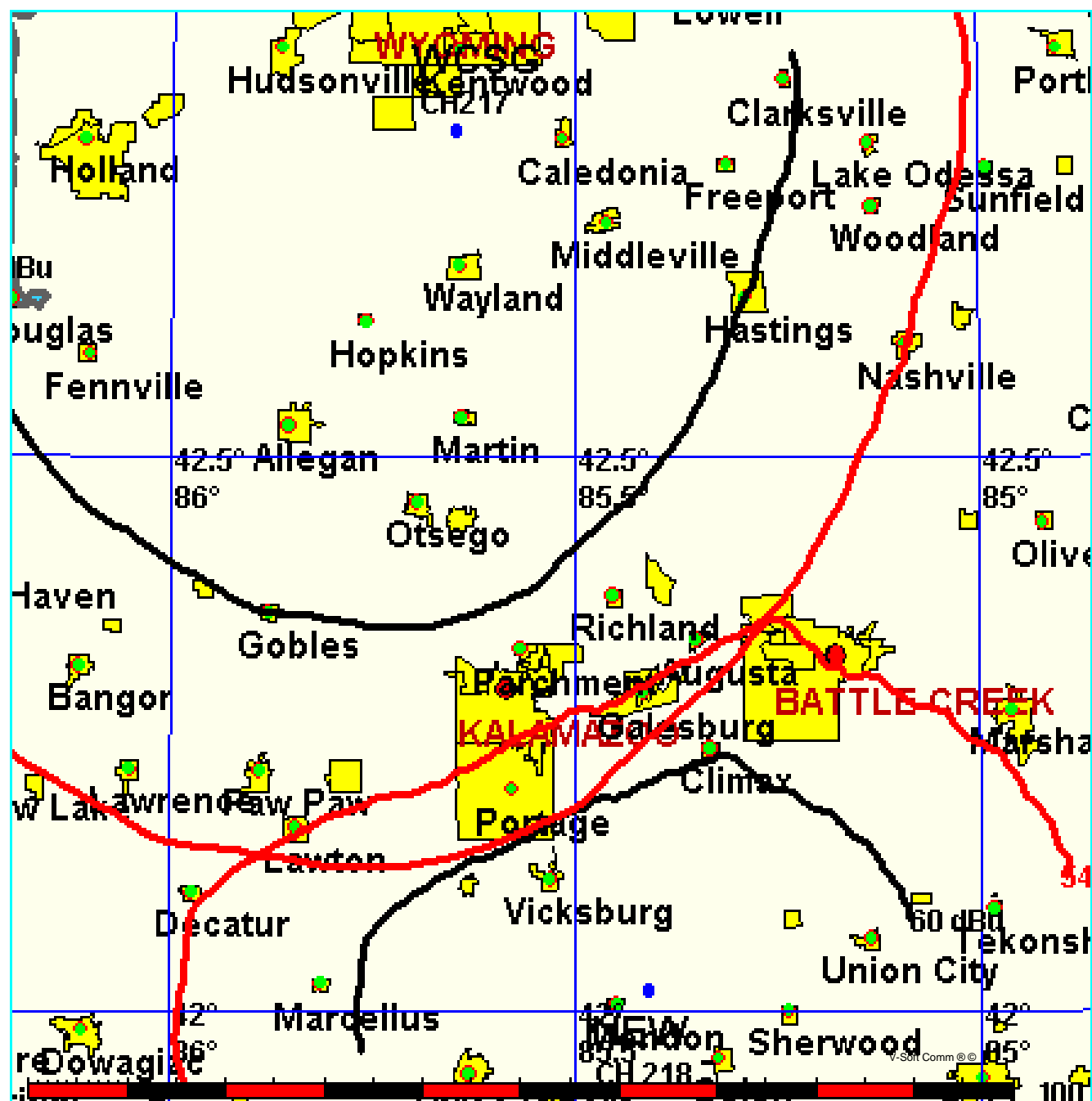


Figure 2-3
Proposed Three Rivers, MI

FMCommander Single Allocation Study
10-03-2007

NEW	CH 218 B1	WCSG	CH 217 B	BLED19910801KA
20.0 kW	316.6 M COR DA	37.0 kW,	400 M COR DA	
Prot. = 60 dBu		Prot. = 60 dBu		
Intef. = 54 dBu		Intef. = 54 dBu		



Figure 3

Channel -Six TV Protection Study

WLNSTV LI 06- 2C Dom Int 100.000 kW 305 M HAAT
 Lansing MI 577.0 M COR AMSL
 Lat= 42 41 19.0, Lng= 84 22 35.0
 Young Broadcasting Of Lansing BLCT20020103AAA
 Fac ID# 74420, Cutoff Date=53897628
 Dist.=112.98 km, Azi=48.5°, Rev Azi=229.2°

Direct line HAAT Grade B, 47 dBu= 103.84 km & Grade A= 54.57 km

Distance from reference to Grade B = 9.14 km

Cutoff Dist from Full Service or Class CA= 166

Maximum Co-located power= 100 kW

WLNSTV Signal Contour at Reference location = 43.7 dBu

CH. 218, U/D ratio = 32.5 dB, Maximum FM signal = 79.5 dBu , add 6 dB if within angle.

TV/FM D to U values

47.0	79.5	55.0	77.5	63.0	78.0	71.0	82.2	79.0	88.9	87.0	95.9
48.0	79.2	56.0	77.3	64.0	78.3	72.0	83.0	80.0	89.7	88.0	96.7
49.0	78.8	57.0	77.3	65.0	78.5	73.0	83.9	81.0	90.6	89.0	97.6
50.0	78.5	58.0	77.3	66.0	79.1	74.0	84.7	82.0	91.5	90.0	98.5
51.0	78.3	59.0	77.3	67.0	79.6	75.0	85.5	83.0	92.4	91.0	98.5
52.0	78.0	60.0	77.5	68.0	80.2	76.0	86.4	84.0	93.3	92.0	98.5
53.0	77.8	61.0	77.6	69.0	80.9	77.0	87.2	85.0	94.1	93.0	98.5
54.0	77.6	62.0	77.8	70.0	81.5	78.0	88.0	86.0	95.0	94.0	98.5

Figure 3-1

10-03-2007 NED 03 SEC Terrain Data

WLNSTV BLCT20020103AAA

Channel = 06-2C

Max ERP = 100 kW

RCAMSL = 577 M

N. Lat. 42 41 19.0

W. Lng. 84 22 35.0

Protected
47 dBu

NEW

Channel = 218B1

Max ERP = 20 kW

RCAMSL = 316.6 M

N. Lat. 42 01 13.3

W. Lng. 85 24 36.8

Interfering
79.5 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
169.0	100.0000	0295.0	103.1	104.0	013.3731	0051.6	109.0	36.46
170.0	100.0000	0294.4	103.1	104.4	013.1310	0051.5	107.2	36.71
171.0	100.0000	0293.6	103.0	104.8	012.9089	0051.5	105.6	36.94
172.0	100.0000	0292.8	102.9	105.1	012.6952	0051.3	103.9	37.18
173.0	100.0000	0291.8	102.9	105.5	012.4886	0051.2	102.2	37.42
174.0	100.0000	0290.9	102.8	105.8	012.2833	0051.2	100.5	37.67
175.0	100.0000	0290.6	102.7	106.2	012.0706	0051.2	098.8	37.93
176.0	100.0000	0290.5	102.7	106.6	011.8536	0051.4	097.2	38.21
177.0	100.0000	0290.3	102.7	107.0	011.6454	0051.6	095.5	38.50
178.0	100.0000	0289.2	102.6	107.3	011.4654	0051.7	093.8	38.81
179.0	100.0000	0290.5	102.7	107.7	011.2267	0051.7	092.1	39.09
180.0	100.0000	0291.8	102.9	108.2	010.9890	0051.6	090.5	39.38
181.0	100.0000	0292.8	102.9	108.6	010.7642	0051.5	088.8	39.68
182.0	100.0000	0293.9	103.0	109.0	010.5408	0051.4	087.1	39.99
183.0	100.0000	0295.6	103.2	109.5	010.3028	0051.5	085.4	40.30
184.0	100.0000	0297.0	103.3	109.9	010.0768	0051.4	083.7	40.61
185.0	100.0000	0297.6	103.4	110.3	009.9103	0051.3	082.0	40.94
186.0	100.0000	0298.4	103.4	110.7	009.7532	0051.3	080.3	41.28
187.0	100.0000	0299.8	103.5	111.1	009.5835	0051.5	078.6	41.62
188.0	100.0000	0301.2	103.7	111.5	009.4164	0051.6	076.8	41.96
189.0	100.0000	0301.2	103.7	111.8	009.2877	0051.6	075.1	42.32
190.0	100.0000	0301.5	103.7	112.2	009.1567	0051.6	073.3	42.68
191.0	100.0000	0301.9	103.7	112.5	009.0260	0051.6	071.5	43.04
192.0	100.0000	0302.5	103.8	112.8	008.8964	0051.6	069.8	43.40
193.0	100.0000	0303.0	103.8	113.2	008.7708	0051.6	068.0	43.77
194.0	100.0000	0303.8	103.9	113.5	008.6447	0051.5	066.2	44.13
195.0	100.0000	0304.0	103.9	113.8	008.5393	0051.5	064.4	44.52
196.0	100.0000	0304.4	103.9	114.0	008.4317	0051.5	062.6	44.92
197.0	100.0000	0305.0	104.0	114.3	008.3258	0051.6	060.9	45.34
198.0	100.0000	0305.5	104.0	114.6	008.2290	0051.6	059.1	45.79
199.0	100.0000	0305.8	104.0	114.8	008.1411	0051.7	057.2	46.26
200.0	100.0000	0305.3	104.0	115.0	008.0877	0051.7	055.4	46.76
201.0	100.0000	0304.7	104.0	115.1	008.0463	0051.7	053.6	47.27
202.0	100.0000	0304.5	103.9	115.2	008.0024	0051.7	051.8	47.79
203.0	100.0000	0304.8	104.0	115.3	007.9510	0051.7	050.0	48.30
204.0	100.0000	0305.3	104.0	115.5	007.9054	0051.8	048.2	48.82
205.0	100.0000	0305.6	104.0	115.5	007.8771	0051.8	046.4	49.35
206.0	100.0000	0306.2	104.1	115.6	007.8454	0051.8	044.5	49.92
207.0	100.0000	0306.1	104.1	115.6	007.8583	0051.8	042.7	50.53
208.0	100.0000	0305.8	104.0	115.5	007.8973	0051.8	040.9	51.19
209.0	100.0000	0305.8	104.0	115.4	007.9455	0051.7	039.1	51.88
210.0	100.0000	0305.6	104.0	115.1	008.0228	0051.7	037.3	52.61
211.0	100.0000	0305.3	104.0	114.8	008.1369	0051.7	035.5	53.38
212.0	100.0000	0305.0	104.0	114.5	008.2785	0051.6	033.6	54.18
213.0	100.0000	0304.6	103.9	114.0	008.4670	0051.5	031.9	55.04
214.0	100.0000	0304.5	103.9	113.4	008.6887	0051.5	030.1	56.01
215.0	100.0000	0304.5	103.9	112.7	008.9581	0051.6	028.3	57.16
216.0	100.0000	0305.0	104.0	111.9	009.2598	0051.6	026.5	58.42
217.0	100.0000	0305.3	104.0	110.9	009.6583	0051.4	024.7	59.79
218.0	100.0000	0305.2	104.0	109.6	010.2317	0051.5	023.0	61.34
219.0	100.0000	0304.3	103.9	107.8	011.1655	0051.7	021.3	63.06
220.0	100.0000	0303.8	103.9	105.8	012.3088	0051.2	019.6	64.76
221.0	100.0000	0303.7	103.9	103.4	013.7447	0051.6	018.0	66.69
222.0	100.0000	0303.8	103.9	100.4	015.5801	0051.6	016.4	68.61
223.0	100.0000	0303.6	103.9	096.6	017.1872	0050.9	014.9	70.03
224.0	100.0000	0303.5	103.8	092.0	019.1364	0050.4	013.5	72.14
225.0	100.0000	0303.5	103.8	086.2	020.0000	0051.9	012.2	74.44
226.0	100.0000	0303.5	103.9	079.1	020.0000	0049.6	011.1	75.78
227.0	100.0000	0303.6	103.9	070.5	020.0000	0051.0	010.2	77.51
228.0	100.0000	0303.4	103.8	060.6	020.0000	0049.1	009.7	78.13
229.0	100.0000	0303.4	103.8	049.7	020.0000	0044.3	009.5	77.56
230.0	100.0000	0303.4	103.8	038.8	020.0000	0040.4	009.6	76.43

Figure 3-1

231.0	100.0000	0304.0	103.9	028.6	020.0000	0037.4	010.1	74.91
232.0	100.0000	0304.0	103.9	019.8	019.8166	0041.6	010.9	74.42
233.0	100.0000	0303.4	103.8	012.6	014.3928	0041.9	012.0	71.33
234.0	100.0000	0303.7	103.9	006.6	010.9300	0042.5	013.3	68.47
235.0	100.0000	0303.7	103.9	001.8	008.7499	0043.5	014.7	65.95
236.0	100.0000	0303.9	103.9	358.0	007.3350	0045.5	016.1	64.38
237.0	100.0000	0303.9	103.9	354.9	006.4004	0045.0	017.7	62.31
238.0	100.0000	0304.2	103.9	352.3	005.6817	0047.2	019.3	60.89
239.0	100.0000	0304.6	103.9	350.2	005.1196	0048.2	021.0	59.28
240.0	100.0000	0304.7	103.9	348.6	004.9043	0049.3	022.7	57.96
241.0	100.0000	0305.3	104.0	347.1	004.7494	0051.1	024.4	56.88
242.0	100.0000	0305.7	104.0	346.0	004.6265	0052.2	026.2	55.73
243.0	100.0000	0306.3	104.1	345.0	004.5247	0052.8	027.9	54.61
244.0	100.0000	0306.2	104.1	344.3	004.4518	0053.2	029.7	53.57
245.0	100.0000	0306.2	104.1	343.8	004.3926	0053.4	031.5	52.64
246.0	100.0000	0306.6	104.1	343.2	004.3405	0053.3	033.3	51.80
247.0	100.0000	0307.0	104.1	342.8	004.2994	0053.3	035.1	51.01
248.0	100.0000	0307.0	104.1	342.6	004.2720	0053.4	036.9	50.27
249.0	100.0000	0307.1	104.1	342.4	004.2510	0053.4	038.7	49.55
250.0	100.0000	0307.3	104.2	342.2	004.2347	0053.4	040.6	48.85
251.0	100.0000	0307.5	104.2	342.1	004.2247	0053.4	042.4	48.19
252.0	100.0000	0307.7	104.2	342.1	004.2195	0053.4	044.2	47.56
253.0	100.0000	0308.2	104.2	342.0	004.2151	0053.4	046.0	46.96
254.0	100.0000	0308.9	104.3	342.0	004.2142	0053.4	047.9	46.39
255.0	100.0000	0309.9	104.4	342.0	004.2141	0053.4	049.7	45.85
256.0	100.0000	0310.5	104.4	342.1	004.2207	0053.4	051.5	45.30
257.0	100.0000	0309.9	104.4	342.3	004.2400	0053.4	053.3	44.78
258.0	100.0000	0309.6	104.3	342.5	004.2594	0053.4	055.1	44.26
259.0	100.0000	0309.8	104.4	342.6	004.2769	0053.4	057.0	43.73
260.0	100.0000	0310.0	104.4	342.8	004.2968	0053.3	058.8	43.22
261.0	100.0000	0309.9	104.4	343.1	004.3207	0053.4	060.6	42.74
262.0	100.0000	0310.0	104.4	343.3	004.3446	0053.3	062.4	42.28
263.0	100.0000	0310.7	104.4	343.5	004.3656	0053.4	064.2	41.83
264.0	100.0000	0311.0	104.5	343.7	004.3912	0053.4	066.0	41.41
265.0	100.0000	0311.6	104.5	344.0	004.4163	0053.3	067.8	40.98
266.0	100.0000	0311.7	104.5	344.3	004.4461	0053.2	069.6	40.56
267.0	100.0000	0312.1	104.5	344.6	004.4756	0053.1	071.4	40.15
268.0	100.0000	0312.2	104.5	344.9	004.5076	0053.0	073.2	39.73
269.0	100.0000	0312.1	104.5	345.2	004.5421	0052.7	074.9	39.32
270.0	100.0000	0312.2	104.5	345.5	004.5766	0052.5	076.7	38.91
271.0	100.0000	0312.7	104.6	345.8	004.6092	0052.3	078.5	38.51
272.0	100.0000	0313.1	104.6	346.2	004.6434	0052.1	080.3	38.11
273.0	100.0000	0313.5	104.6	346.5	004.6790	0051.7	082.0	37.70
274.0	100.0000	0313.7	104.7	346.8	004.7158	0051.4	083.8	37.29
275.0	100.0000	0313.7	104.7	347.2	004.7553	0051.1	085.5	36.89
276.0	100.0000	0313.6	104.7	347.6	004.7956	0050.7	087.3	36.50
277.0	100.0000	0313.6	104.7	347.9	004.8357	0050.3	089.0	36.10
278.0	100.0000	0313.8	104.7	348.3	004.8762	0049.7	090.7	35.71
279.0	100.0000	0314.2	104.7	348.7	004.9158	0049.1	092.4	35.32
280.0	100.0000	0314.3	104.7	349.1	004.9576	0048.8	094.2	34.96
281.0	100.0000	0314.4	104.7	349.5	005.0002	0048.7	095.9	34.62
282.0	100.0000	0316.3	104.9	349.8	005.0356	0048.5	097.6	34.27
283.0	100.0000	0317.3	104.9	350.1	005.0963	0048.3	099.3	33.97
284.0	100.0000	0318.0	105.0	350.5	005.1950	0048.1	101.0	33.71
285.0	100.0000	0317.6	105.0	350.9	005.3064	0047.9	102.7	33.47
286.0	100.0000	0316.8	104.9	351.4	005.4244	0047.7	104.3	33.25
287.0	100.0000	0316.7	104.9	351.8	005.5365	0047.6	106.0	33.02
288.0	100.0000	0316.8	104.9	352.2	005.6491	0047.3	107.7	32.79
289.0	100.0000	0316.9	104.9	352.6	005.7623	0046.9	109.3	32.55

Figure 3-2
Proposed Three Rivers, MI

FMCommander Single Allocation Study
10-03-2007

NEW	CH 218 B1	WLNSTV	CH 06- 2C	BLCT20020103AAA
20.0 kW	316.6 M COR DA	100.0 kW,	577 M COR	
Intef. = 79.5 dBu		Prot. = 47 dBu		

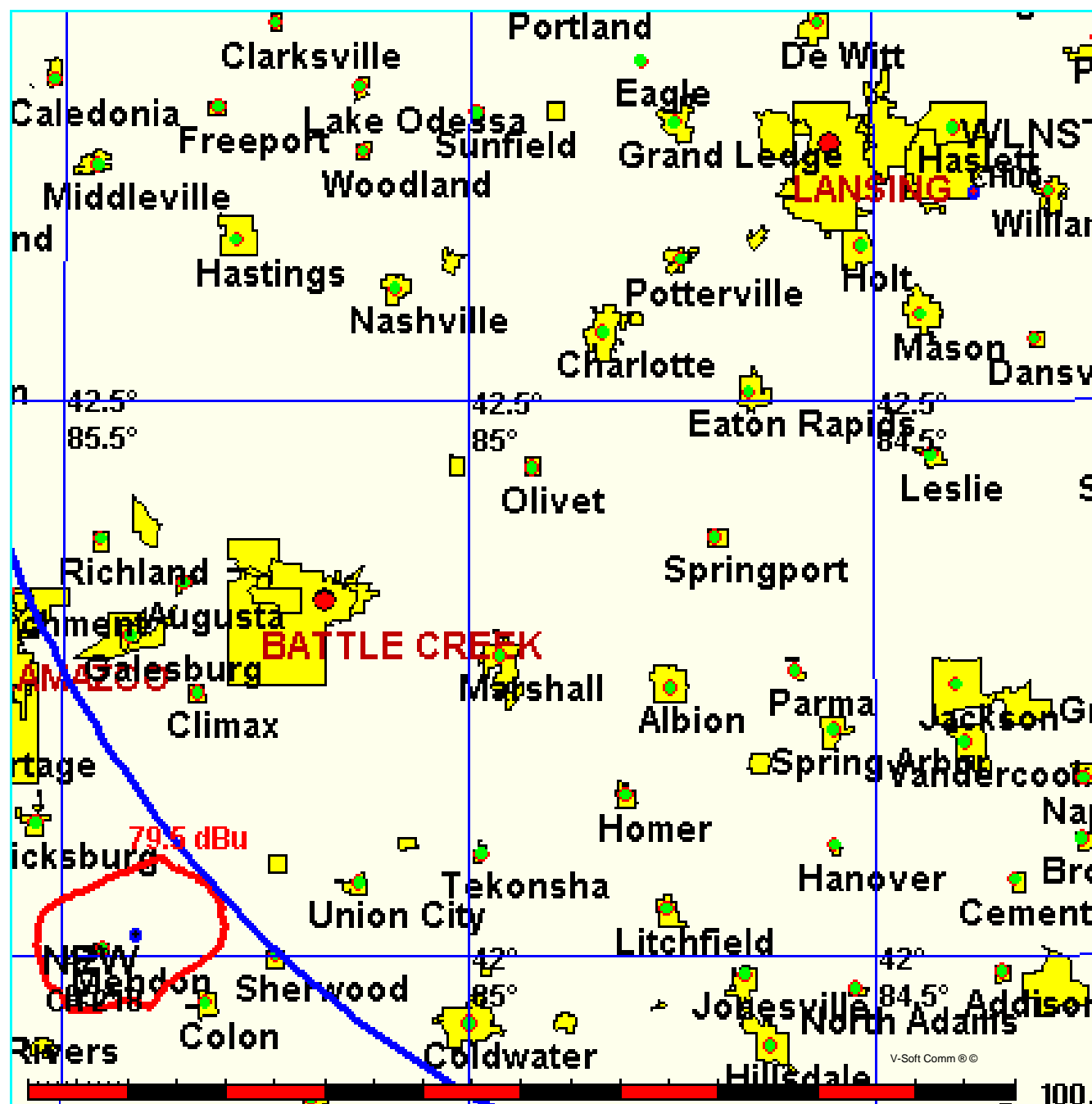


Figure 4

RMS(V)= .795

Bearing Field % Vol tage

000	=	0.632
010	=	0.795
020	=	1.000
030	=	1.000
040	=	1.000
050	=	1.000
060	=	1.000
070	=	1.000
080	=	1.000
090	=	1.000
100	=	0.890
110	=	0.708
120	=	0.563
130	=	0.448
140	=	0.448
150	=	0.448
160	=	0.563
170	=	0.660
180	=	0.530
190	=	0.530
200	=	0.660
210	=	0.820
220	=	1.000
230	=	1.000
240	=	1.000
250	=	1.000
260	=	1.000
270	=	1.000
280	=	1.000
290	=	0.795
300	=	0.632
310	=	0.503
320	=	0.448
330	=	0.448
340	=	0.448
350	=	0.503

Graph is Percent Relative Field Vol tage

