

Exhibit 16.1

Tabulation of Proposed Non-commercial Allocation

Bible Broadcasting Network, Inc.

REFERENCE											CH# 211B - 90.1 MHz, Pwr= 32 kw DA, HAAT= 76.5 M, COR= 359 M		DISPLAY DATES	
42 08 41.0 N.											Average Protected F(50-50)= 37.17 km		DATA 07-10-10	
85 12 34.0 W.											Standard Directional		SEARCH 07-12-10	
CH	CALL	TYPE	ANT	AZI	DIST	LAT	PWR(kw)	INT(km)	PRO(km)	*IN*	*OUT*			
CITY	STATE	STATE	<--	FILE #	LNG	HAAT(M)	COR(M)	LICENSEE	(Overlap in km)					
211A	WYBA	LIC _VX	149.3	26.4	41 56 24.0	0.250	23.8	7.1	-33.5*<	-92.2<				
Coldwater	MI	329.5	BLED20080716AAD	85 02 47.0	19	308	Bible Broadcasting Network							
210A	WRRO	CP DCX	148.2	65.8	41 38 27.0	3.500	11.2	7.8	18.2	0.6				
Edon	OH	328.5	BNPED20071022AXX	84 47 32.0	80	372	Club 1915, Inc.							
12/10/2008: Accepted on channel 210A by Industry Canada in 11/24/2008 letter as a specially negotiated, short-spaced allotment. Note: no limitation imposed.														
210A	WKDS	LIC _CN	290.3	31.9	42 14 36.0	0.140	9.6	6.7	5.7	0.7				
Kalamazoo	MI	110.0	BLED19830204AK	85 34 19.0	38	303	Kalamazoo Public Schools							
SPECIAL NEGOTIATED SHORT-SPACED ALLOTMENT														
212B	WBCL	LIC _CX	179.4	115.6	41 06 13.0	26.000	75.8	51.4	1.1	3.6				
Fort Wayne	IN	359.5	BLED20040528AHQ	85 11 46.0	211	457	Taylor University Broadcas							
209A	WOOR	LIC _CN	35.2	40.5	42 26 31.0	0.125	0.8	6.0	3.9	30.8				
Olivet	MI	215.4	BLED19890525KD	84 55 30.0	23	303	Board of Trustees/Olivet C							
209A	WSPB	APP DCX	342.2	36.1	42 27 12.9	0.750	1.6	15.4	7.3	17.9				
Bedford	MI	162.1	BMPED20090824ALI	85 20 39.0	71	352	Holy Family Oratory of St.							
209A	WSPB	CP DVX	342.2	36.1	42 27 12.9	0.750	1.6	15.4	7.3	17.9				
Bedford	MI	162.1	BNPED20071022AXL	85 20 39.0	71	352	Holy Family Oratory Of St.							
5/13/2008: Accepted on channel 209A by Industry Canada in 5/12/2008 letter, not specially negotiated.														
210A	WYBV	LIC _CX	214.1	91.2	41 27 50.0	1.750	30.8	20.9	21.8	10.3				
Wakarusa	IN	33.7	BLED20060531AIM	85 49 22.0	100	357	Bible Broadcasting Network							
209A	WHWE	LIC _CN	201.0	49.9	41 43 32.0	0.100	0.7	5.6	10.3	40.2				
Howe	IN	20.9	BLED19921208KA	85 25 30.0	17	287	Howe Military School							
208B1	WOFR	LIC DCX	263.9	35.2	42 06 38.0	10.000	2.3	22.2	11.1	10.9				
Schoolcraft	MI	83.6	BLED20021230AAW	85 37 57.0	42	305	Family Stations, Inc.							
213B	WKAR-FM	LIC _EY	46.2	90.1	42 42 08.0	87.000	9.3	68.5	44.8	17.9				
East Lansing	MI	226.7	BLED19861204KC	84 24 51.0	273	541	Michigan State University							
Grandfathered at 87. kw @ 273 M														
211A	WXPZ	LIC DEX	300.1	94.6	42 33 57.0	1.500	56.5	15.8	20.9	19.4				
Clyde Township	MI	119.4	BLED20080818AAI	86 12 26.0	74	261	Larlen Communications Inc.							
06-T	WLFM-LP	LI D_N	263.0	201.8	41 53 56.0	3.000	14.1	3.9	195.5R	6.3M				
Chicago	IL	81.4	BLTVL20100111AIE	87 37 23.0	387	566	wlfm, LLC							

Terrain database is USGS 03 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
 Contour distances are on direct line to and from reference station. Reference zone = 1, Co to 3rd adjacent.
 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 protected contour.
 "<" = Contour Overlap

Yellow Highlighted Text denotes individual contour protection studies as included in **Exhibit(s) 16.1 to 16.4.**

Exhibit 16.2

Contour Protection Studies Toward WRRO(FM) - Edon, OH

FMCommander Single Allocation Study - 07-13-2010 - USGS 03 SEC
WYBA's Overlaps (In= 18.25 km, Out= 0.59 km)

WYBA CH 211 B DA
Lat= 42 08 41.0, Lng= 85 12 34.0
32.0 kW 76.5 M HAAT, 359 M COR
Prot.= 60 dBu, Intef.= 54 dBu

WRRO CH 210 A DA BNPED20071022AXX
Lat= 41 38 27.0, Lng= 84 47 32.0
3.5 kW 80 M HAAT, 372 M COR
Prot.= 60 dBu, Intef.= 54 dBu

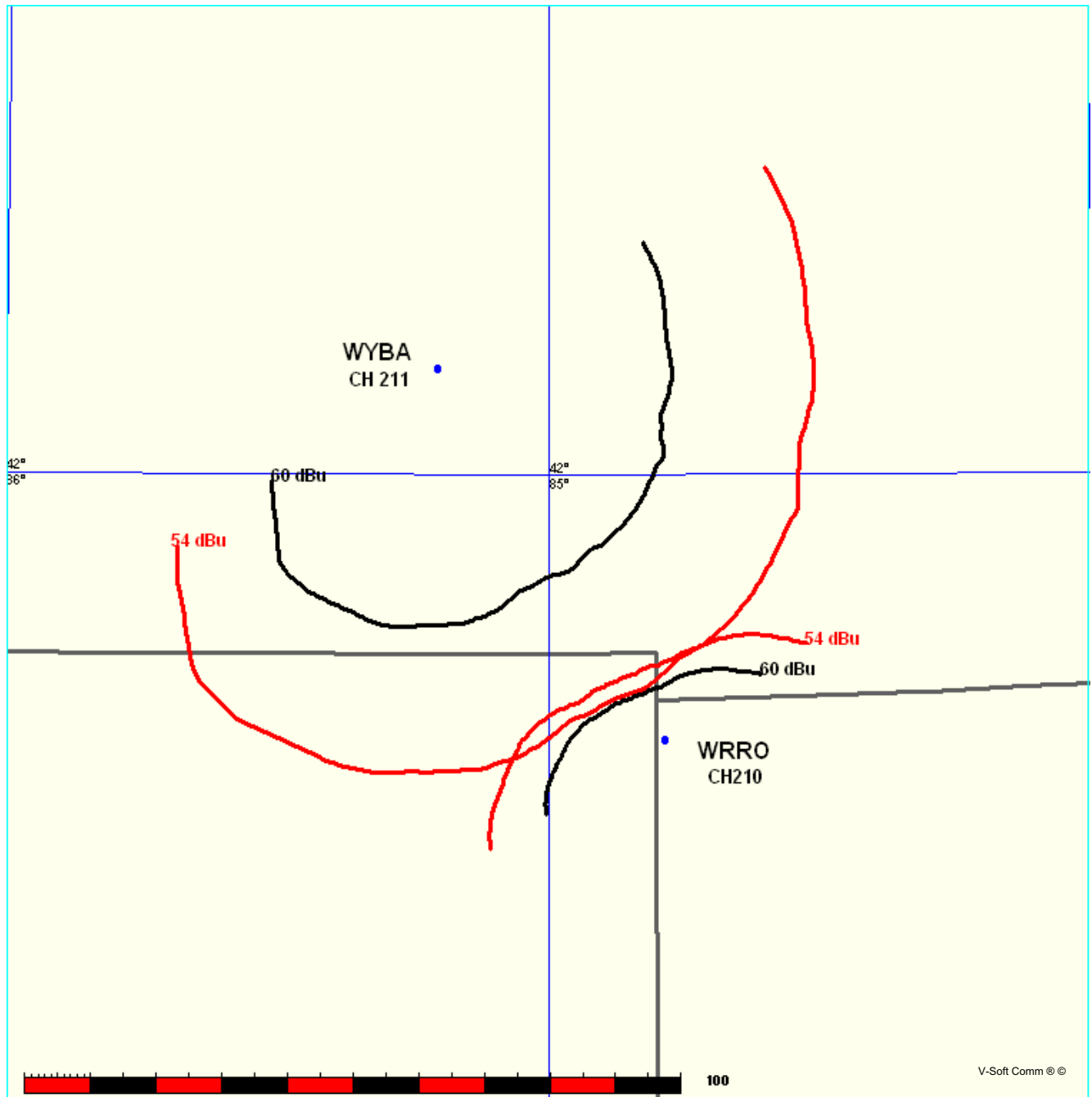


Exhibit 16.2

Contour Protection Studies Toward WRRO(FM) - Edon, OH

07-13-2010

USGS 03 SEC Terrain Data

FMOver Analysis

WYBA

WRRO BNPED20071022AXX

Channel = 211B
Max ERP = 32 kW
RCAMSL = 359 M
N. Lat. 42 08 41.0
W. Lng. 85 12 34.0
Protected
60 dBu

Channel = 210A
Max ERP = 3.5 kW
RCAMSL = 372 M
N. Lat. 41 38 27.0
W. Lng. 84 47 32.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
105.0	032.0000	0071.1	035.5	359.5	000.1142	0059.0	046.8	31.74	
106.0	032.0000	0071.0	035.5	359.3	000.1133	0059.0	046.2	31.90	
107.0	032.0000	0072.2	035.7	359.4	000.1136	0059.0	045.5	32.13	
108.0	032.0000	0074.0	036.1	359.6	000.1144	0059.0	044.8	32.41	
109.0	032.0000	0075.6	036.4	359.8	000.1150	0058.9	044.1	32.66	
110.0	032.0000	0077.1	036.8	359.9	000.1154	0058.9	043.4	32.92	
111.0	032.0000	0078.1	037.0	359.8	000.1152	0058.9	042.7	33.15	
112.0	032.0000	0077.7	036.9	359.4	000.1136	0059.0	042.1	33.31	
113.0	032.0000	0077.1	036.8	358.9	000.1117	0058.9	041.6	33.42	
114.0	032.0000	0076.7	036.7	358.4	000.1099	0058.8	041.1	33.54	
115.0	032.0000	0076.6	036.7	358.0	000.1083	0058.7	040.5	33.67	
116.0	032.0000	0076.6	036.7	357.6	000.1068	0058.7	039.9	33.82	
117.0	032.0000	0076.8	036.7	357.1	000.1053	0058.7	039.4	33.98	
118.0	032.0000	0076.9	036.7	356.7	000.1037	0058.6	038.8	34.12	
119.0	032.0000	0077.0	036.7	356.2	000.1020	0058.4	038.2	34.24	
120.0	032.0000	0077.2	036.8	355.7	000.1019	0058.1	037.7	34.41	
121.0	032.0000	0077.6	036.9	355.3	000.1033	0057.8	037.1	34.66	
122.0	032.0000	0078.0	037.0	354.8	000.1048	0057.4	036.5	34.89	
123.0	032.0000	0078.1	037.0	354.2	000.1066	0056.6	036.0	35.07	
124.0	032.0000	0077.9	036.9	353.5	000.1088	0055.5	035.5	35.20	
125.0	032.0000	0077.9	036.9	352.8	000.1109	0054.7	035.1	35.35	
126.0	032.0000	0078.0	036.9	352.1	000.1131	0054.4	034.6	35.59	
127.0	032.0000	0078.0	036.9	351.3	000.1151	0054.3	034.1	35.85	
128.0	032.0000	0078.0	037.0	350.6	000.1171	0054.3	033.7	36.11	
129.0	032.0000	0078.1	037.0	349.7	000.1183	0054.2	033.2	36.32	
130.0	032.0000	0078.2	037.0	348.9	000.1176	0054.1	032.8	36.46	
131.0	031.5282	0078.4	036.9	347.9	000.1167	0053.9	032.5	36.54	
132.0	031.0598	0078.6	036.8	346.9	000.1159	0053.7	032.2	36.62	
133.0	030.5950	0078.9	036.8	345.9	000.1150	0053.5	031.9	36.68	
134.0	030.1336	0079.3	036.7	344.9	000.1142	0053.3	031.6	36.76	
135.0	029.6758	0079.9	036.7	343.9	000.1135	0053.2	031.2	36.87	
136.0	029.2215	0080.2	036.7	342.8	000.1145	0053.1	031.0	37.01	
137.0	028.7707	0079.8	036.5	341.6	000.1157	0052.7	030.9	37.03	
138.0	028.3233	0079.5	036.3	340.4	000.1169	0052.0	030.8	37.01	

Munn-Reese, Inc.

Broadcast Engineering Consultants
Coldwater, MI 49036

Exhibit 16.2

Contour Protection Studies Toward WRRO(FM) - Edon, OH

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
139.0	027.8795	0079.4	036.1	339.2	000.1161	0051.2	030.7	36.88
140.0	027.4392	0079.7	036.1	338.0	000.1147	0050.9	030.6	36.85
141.0	027.3208	0080.4	036.2	336.9	000.1134	0050.8	030.3	36.93
142.0	027.2027	0081.0	036.3	335.8	000.1134	0051.0	030.1	37.08
143.0	027.0848	0081.5	036.3	334.7	000.1134	0051.1	029.8	37.22
144.0	026.9672	0082.1	036.4	333.5	000.1134	0051.6	029.7	37.40
145.0	026.8498	0082.9	036.5	332.3	000.1134	0052.1	029.4	37.60
146.0	026.7327	0083.3	036.6	331.1	000.1134	0052.7	029.3	37.76
147.0	026.6158	0083.2	036.5	329.8	000.1134	0053.4	029.3	37.87
148.0	026.4992	0082.9	036.4	328.6	000.1134	0053.9	029.4	37.92
149.0	026.3828	0082.0	036.2	327.4	000.1134	0054.4	029.6	37.87
150.0	026.2668	0080.9	036.0	326.2	000.1134	0054.7	029.9	37.78
151.0	026.3828	0079.9	035.8	325.0	000.1134	0055.1	030.1	37.71
152.0	026.4992	0079.2	035.7	323.9	000.1134	0055.4	030.3	37.66
153.0	026.6158	0079.0	035.7	322.7	000.1134	0055.7	030.4	37.65
154.0	026.7327	0079.1	035.7	321.6	000.1134	0056.0	030.5	37.66
155.0	026.8498	0079.1	035.8	320.4	000.1134	0056.4	030.6	37.66
156.0	026.9672	0079.3	035.8	319.3	000.1157	0056.5	030.7	37.70
157.0	027.0848	0079.2	035.9	318.1	000.1193	0056.6	030.9	37.78
158.0	027.2027	0078.8	035.8	317.1	000.1227	0056.7	031.2	37.78
159.0	027.3208	0078.6	035.8	316.0	000.1262	0056.8	031.4	37.80
160.0	027.4392	0079.1	036.0	314.9	000.1300	0057.0	031.5	37.90
161.0	027.8795	0080.0	036.3	313.6	000.1344	0057.5	031.5	38.12
162.0	028.3233	0080.8	036.6	312.4	000.1387	0057.7	031.6	38.26
163.0	028.7707	0081.5	036.8	311.1	000.1431	0057.6	031.7	38.33
164.0	029.2215	0082.4	037.1	309.9	000.1479	0057.7	031.8	38.44
165.0	029.6758	0083.2	037.4	308.6	000.1552	0058.0	031.9	38.63
166.0	030.1336	0083.6	037.6	307.5	000.1620	0058.6	032.2	38.79
167.0	030.5950	0083.9	037.8	306.4	000.1687	0058.9	032.5	38.88
168.0	031.0598	0083.9	037.9	305.4	000.1750	0059.0	032.8	38.90
169.0	031.5282	0084.1	038.1	304.3	000.1814	0059.0	033.2	38.90
170.0	032.0000	0084.1	038.2	303.4	000.1874	0058.9	033.6	38.87
171.0	032.0000	0084.2	038.2	302.6	000.1925	0058.8	034.0	38.76
172.0	032.0000	0085.1	038.4	301.7	000.1988	0058.5	034.4	38.69
173.0	032.0000	0086.6	038.7	300.6	000.2059	0058.0	034.8	38.63
174.0	032.0000	0087.1	038.7	299.8	000.2120	0057.5	035.3	38.49
175.0	032.0000	0086.8	038.7	299.3	000.2180	0057.1	035.9	38.32
176.0	032.0000	0086.5	038.6	298.8	000.2240	0056.8	036.5	38.15
177.0	032.0000	0086.5	038.6	298.2	000.2303	0056.6	037.0	38.01
178.0	032.0000	0086.6	038.7	297.7	000.2365	0056.2	037.6	37.85
179.0	032.0000	0086.7	038.7	297.1	000.2426	0056.0	038.2	37.70
180.0	032.0000	0087.0	038.7	296.6	000.2489	0055.8	038.8	37.56
181.0	032.0000	0087.2	038.8	296.1	000.2547	0055.7	039.4	37.42
182.0	032.0000	0087.4	038.8	295.7	000.2600	0055.6	040.0	37.27
183.0	032.0000	0087.4	038.8	295.3	000.2647	0055.6	040.6	37.11
184.0	032.0000	0087.8	038.9	294.9	000.2702	0055.5	041.2	36.98
185.0	032.0000	0088.5	039.0	294.4	000.2762	0055.6	041.8	36.86

Munn-Reese, Inc.

Broadcast Engineering Consultants

Coldwater, MI 49036

Exhibit 16.2

Contour Protection Studies Toward WRRO(FM) - Edon, OH

07-13-2010 USGS 03 SEC Terrain Data

WRRO BNPED20071022AXX

WYBA

Channel = 210A
Max ERP = 3.5 kW
RCAMSL = 372 M
N. Lat. 41 38 27.0
W. Lng. 84 47 32.0
Protected
60 dBu

Channel = 211B
Max ERP = 32 kW
RCAMSL = 359 M
N. Lat. 42 08 41.0
W. Lng. 85 12 34.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
283.0	000.4663	0061.5	011.9	156.7	027.0438	0079.3	058.0	53.62	
284.0	000.4461	0060.9	011.8	156.4	027.0134	0079.3	058.0	53.63	
285.0	000.4263	0060.3	011.6	156.1	026.9828	0079.3	057.9	53.65	
286.0	000.4070	0059.5	011.4	155.9	026.9509	0079.2	057.9	53.65	
287.0	000.3881	0058.7	011.2	155.6	026.9189	0079.2	057.9	53.65	
288.0	000.3697	0058.2	011.0	155.3	026.8889	0079.2	057.8	53.65	
289.0	000.3517	0057.8	010.9	155.1	026.8595	0079.1	057.8	53.65	
290.0	000.3342	0057.4	010.7	154.8	026.8302	0079.1	057.8	53.65	
291.0	000.3205	0057.0	010.6	154.6	026.8032	0079.1	057.8	53.66	
292.0	000.3071	0056.4	010.4	154.4	026.7748	0079.1	057.8	53.65	
293.0	000.2939	0056.1	010.3	154.1	026.7481	0079.1	057.7	53.65	
294.0	000.2811	0055.7	010.1	153.9	026.7213	0079.1	057.7	53.65	
295.0	000.2686	0055.6	010.0	153.7	026.6963	0079.0	057.7	53.64	
296.0	000.2563	0055.7	009.9	153.5	026.6730	0079.0	057.7	53.65	
297.0	000.2443	0055.9	009.8	153.3	026.6505	0079.0	057.7	53.65	
298.0	000.2326	0056.4	009.7	153.1	026.6292	0079.0	057.6	53.66	
299.0	000.2212	0057.0	009.6	152.9	026.6079	0079.1	057.6	53.67	
300.0	000.2101	0057.6	009.6	152.8	026.5871	0079.1	057.6	53.68	
301.0	000.2033	0058.2	009.5	152.6	026.5686	0079.1	057.5	53.70	
302.0	000.1966	0058.6	009.5	152.4	026.5492	0079.1	057.5	53.71	
303.0	000.1900	0058.9	009.4	152.3	026.5291	0079.1	057.4	53.72	
304.0	000.1835	0059.0	009.3	152.1	026.5082	0079.2	057.4	53.73	
305.0	000.1772	0059.0	009.3	151.9	026.4871	0079.2	057.4	53.73	
306.0	000.1709	0058.9	009.2	151.7	026.4656	0079.3	057.4	53.73	
307.0	000.1648	0058.8	009.1	151.5	026.4439	0079.5	057.5	53.73	
308.0	000.1588	0058.4	008.9	151.3	026.4214	0079.6	057.5	53.72	
309.0	000.1529	0057.9	008.8	151.1	026.3993	0079.8	057.6	53.71	
310.0	000.1471	0057.7	008.7	151.0	026.3783	0079.9	057.6	53.70	
311.0	000.1435	0057.6	008.6	150.8	026.3592	0080.1	057.6	53.71	
312.0	000.1400	0057.7	008.6	150.6	026.3408	0080.2	057.6	53.72	
313.0	000.1365	0057.7	008.5	150.5	026.3224	0080.4	057.6	53.73	
314.0	000.1331	0057.3	008.4	150.3	026.3028	0080.6	057.7	53.72	
315.0	000.1297	0057.0	008.4	150.1	026.2839	0080.8	057.7	53.72	

Exhibit 16.2

Contour Protection Studies Toward WRRO(FM) - Edon, OH

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
316.0	000.1263	0056.8	008.3	150.0	026.2679	0081.0	057.7	53.72
317.0	000.1230	0056.7	008.2	149.8	026.2859	0081.1	057.8	53.72
318.0	000.1198	0056.6	008.1	149.7	026.3037	0081.3	057.8	53.72
319.0	000.1166	0056.5	008.1	149.5	026.3213	0081.4	057.9	53.72
320.0	000.1134	0056.4	008.0	149.4	026.3387	0081.6	057.9	53.72
321.0	000.1134	0056.2	008.0	149.2	026.3548	0081.7	057.9	53.74
322.0	000.1134	0055.9	008.0	149.1	026.3710	0081.9	057.9	53.75
323.0	000.1134	0055.6	007.9	149.0	026.3871	0082.0	057.9	53.76
324.0	000.1134	0055.4	007.9	148.8	026.4032	0082.2	057.9	53.77
325.0	000.1134	0055.1	007.9	148.7	026.4192	0082.3	057.9	53.78
326.0	000.1134	0054.8	007.9	148.5	026.4353	0082.4	057.9	53.79
327.0	000.1134	0054.5	007.9	148.4	026.4512	0082.6	058.0	53.80
328.0	000.1134	0054.1	007.8	148.3	026.4670	0082.7	058.0	53.80
329.0	000.1134	0053.8	007.8	148.1	026.4826	0082.8	058.0	53.80
330.0	000.1134	0053.3	007.8	148.0	026.4981	0082.9	058.1	53.79
331.0	000.1134	0052.7	007.7	147.9	026.5135	0083.0	058.1	53.78
332.0	000.1134	0052.2	007.7	147.7	026.5285	0083.0	058.2	53.77
333.0	000.1134	0051.7	007.6	147.6	026.5435	0083.1	058.2	53.76
334.0	000.1134	0051.4	007.6	147.5	026.5583	0083.1	058.2	53.75
335.0	000.1134	0051.1	007.6	147.4	026.5730	0083.2	058.3	53.75
336.0	000.1134	0051.0	007.6	147.2	026.5879	0083.2	058.3	53.74
337.0	000.1134	0050.8	007.5	147.1	026.6026	0083.2	058.4	53.73
338.0	000.1147	0050.9	007.6	147.0	026.6181	0083.2	058.3	53.74
339.0	000.1159	0051.1	007.6	146.8	026.6340	0083.2	058.3	53.75
340.0	000.1172	0051.7	007.7	146.7	026.6509	0083.3	058.3	53.76
341.0	000.1163	0052.5	007.7	146.6	026.6671	0083.3	058.3	53.77
342.0	000.1153	0052.9	007.8	146.4	026.6826	0083.3	058.3	53.77
343.0	000.1143	0053.1	007.8	146.3	026.6977	0083.3	058.3	53.76
344.0	000.1134	0053.2	007.7	146.2	026.7121	0083.3	058.4	53.75
345.0	000.1142	0053.3	007.8	146.0	026.7279	0083.3	058.4	53.74
346.0	000.1151	0053.5	007.8	145.9	026.7438	0083.3	058.4	53.74
347.0	000.1159	0053.7	007.8	145.8	026.7597	0083.3	058.4	53.73
348.0	000.1168	0053.9	007.9	145.6	026.7758	0083.3	058.5	53.73
349.0	000.1176	0054.1	007.9	145.5	026.7917	0083.2	058.5	53.72
350.0	000.1185	0054.3	007.9	145.4	026.8075	0083.2	058.5	53.71
351.0	000.1159	0054.3	007.9	145.3	026.8198	0083.1	058.6	53.67
352.0	000.1134	0054.3	007.8	145.2	026.8318	0083.0	058.7	53.63
353.0	000.1103	0054.8	007.8	145.0	026.8447	0083.0	058.8	53.60
354.0	000.1072	0056.3	007.9	144.9	026.8612	0082.8	058.8	53.59
355.0	000.1041	0057.6	007.9	144.8	026.8767	0082.7	058.8	53.57
356.0	000.1012	0058.3	007.9	144.7	026.8895	0082.6	058.9	53.54
357.0	000.1048	0058.7	008.0	144.5	026.9091	0082.5	058.9	53.53
358.0	000.1084	0058.7	008.1	144.3	026.9277	0082.4	058.9	53.53
359.0	000.1121	0058.9	008.2	144.2	026.9471	0082.2	058.9	53.52
000.0	000.1159	0058.9	008.2	144.0	026.9655	0082.1	058.9	53.50
001.0	000.1206	0058.9	008.3	143.9	026.9848	0082.0	059.0	53.49

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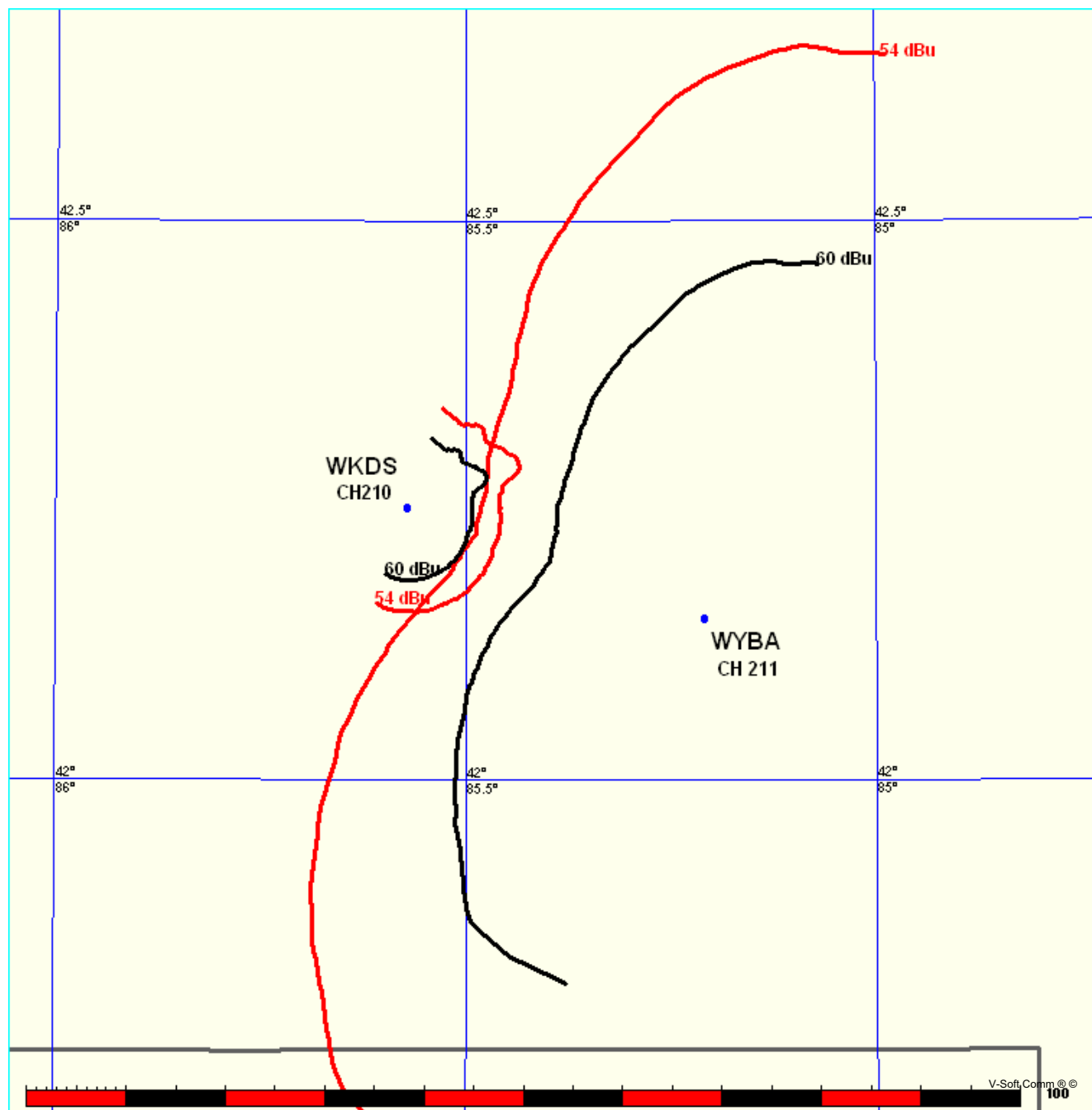
Exhibit 16.3

Contour Protection Studies Toward WKDS(FM) - Kalamazoo, MI

FMCommander Single Allocation Study - 07-13-2010 - USGS 03 SEC
WYBA's Overlaps (In= 5.74 km, Out= 0.68 km)

WYBA CH 211 B DA
Lat= 42 08 41.0, Lng= 85 12 34.0
32.0 kW 76.5 M HAAT, 359 M COR
Prot.= 60 dBu, Intef.= 54 dBu

WKDS CH 210 A BLED19830204AK
Lat= 42 14 36.0, Lng= 85 34 19.0
0.14 kW 38 M HAAT, 303 M COR
Prot.= 60 dBu, Intef.= 54 dBu



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Exhibit 16.3

Contour Protection Studies Toward WKDS(FM) - Kalamazoo, MI

07-13-2010

USGS 03 SEC Terrain Data

FMOver Analysis

WYBA

WKDS BLED19830204AK

Channel = 211B
Max ERP = 32 kW
RCAMSL = 359 M
N. Lat. 42 08 41.0
W. Lng. 85 12 34.0
Protected
60 dBu

Channel = 210A
Max ERP = 0.14 kW
RCAMSL = 303 M
N. Lat. 42 14 36.0
W. Lng. 85 34 19.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
246.0	007.2748	0081.6	026.8	166.1	000.1400	0042.9	022.5	41.36	
247.0	006.9371	0081.4	026.5	165.4	000.1400	0042.8	022.0	41.74	
248.0	006.6073	0081.2	026.2	164.8	000.1400	0042.8	021.5	42.12	
249.0	006.2856	0081.0	025.9	164.0	000.1400	0042.7	021.0	42.48	
250.0	005.9720	0081.0	025.6	163.3	000.1400	0042.6	020.6	42.84	
251.0	005.7284	0081.2	025.4	162.8	000.1400	0042.5	020.1	43.18	
252.0	005.4900	0081.6	025.2	162.3	000.1400	0042.5	019.7	43.53	
253.0	005.2566	0081.5	024.9	161.5	000.1400	0042.4	019.2	43.87	
254.0	005.0283	0080.9	024.6	160.5	000.1400	0042.2	018.8	44.18	
255.0	004.8050	0080.1	024.2	159.3	000.1400	0042.1	018.4	44.48	
256.0	004.5868	0080.1	024.0	158.3	000.1400	0042.0	018.0	44.79	
257.0	004.3737	0080.0	023.7	157.2	000.1400	0042.1	017.7	45.12	
258.0	004.1657	0079.6	023.4	156.0	000.1400	0042.1	017.3	45.43	
259.0	003.9627	0079.3	023.1	154.7	000.1400	0041.9	017.0	45.65	
260.0	003.7648	0079.4	022.8	153.5	000.1400	0041.7	016.7	45.88	
261.0	003.6127	0079.3	022.6	152.3	000.1400	0042.2	016.4	46.26	
262.0	003.4637	0078.7	022.3	150.8	000.1400	0042.5	016.1	46.56	
263.0	003.3179	0078.3	022.0	149.4	000.1400	0042.0	015.9	46.67	
264.0	003.1752	0078.1	021.8	148.0	000.1400	0041.8	015.6	46.82	
265.0	003.0356	0077.9	021.5	146.5	000.1400	0042.3	015.4	47.13	
266.0	002.8992	0077.8	021.3	145.0	000.1400	0042.2	015.2	47.30	
267.0	002.7660	0077.6	021.0	143.4	000.1400	0041.8	015.0	47.34	
268.0	002.6358	0077.3	020.7	141.7	000.1400	0041.1	014.9	47.19	
269.0	002.5088	0077.0	020.4	140.0	000.1400	0041.0	014.8	47.30	
270.0	002.3849	0076.5	020.1	138.2	000.1400	0041.4	014.7	47.47	
271.0	002.2881	0076.0	019.8	136.5	000.1400	0040.9	014.6	47.44	
272.0	002.1933	0075.9	019.6	134.9	000.1400	0040.6	014.6	47.45	
273.0	002.1004	0075.7	019.4	133.3	000.1400	0040.4	014.5	47.47	
274.0	002.0096	0075.5	019.1	131.6	000.1400	0040.1	014.5	47.44	
275.0	001.9208	0075.3	018.9	130.0	000.1400	0040.1	014.5	47.42	
276.0	001.8340	0074.8	018.6	128.3	000.1400	0039.5	014.6	47.22	
277.0	001.7492	0074.5	018.3	126.7	000.1400	0039.3	014.6	47.11	
278.0	001.6664	0074.3	018.1	125.1	000.1400	0038.7	014.7	46.89	
279.0	001.5856	0074.3	017.8	123.6	000.1400	0038.5	014.8	46.75	
280.0	001.5068	0074.2	017.6	122.1	000.1400	0038.3	014.9	46.57	

Munn-Reese, Inc.

Broadcast Engineering Consultants
Coldwater, MI 49036

Exhibit 16.3

Contour Protection Studies Toward WKDS(FM) - Kalamazoo, MI

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBU)
281.0	001.4806	0074.1	017.5	120.9	000.1400	0038.2	014.9	46.58
282.0	001.4545	0074.0	017.4	119.6	000.1400	0037.8	014.9	46.48
283.0	001.4287	0073.9	017.3	118.4	000.1400	0037.4	014.9	46.39
284.0	001.4031	0073.7	017.2	117.2	000.1400	0037.0	014.9	46.27
285.0	001.3778	0073.4	017.1	115.9	000.1400	0036.3	015.0	46.03
286.0	001.3527	0073.0	016.9	114.7	000.1400	0035.8	015.0	45.92
287.0	001.3278	0072.8	016.8	113.6	000.1400	0035.9	015.1	45.89
288.0	001.3031	0072.8	016.7	112.4	000.1400	0036.2	015.2	45.89
289.0	001.2787	0072.7	016.6	111.3	000.1400	0036.3	015.2	45.87
290.0	001.2545	0072.5	016.5	110.2	000.1400	0036.5	015.4	45.80
291.0	001.2787	0072.5	016.6	109.1	000.1400	0036.6	015.3	45.91
292.0	001.3031	0072.5	016.7	108.0	000.1400	0036.8	015.2	46.02
293.0	001.3278	0072.3	016.8	106.9	000.1400	0036.8	015.2	46.05
294.0	001.3527	0072.0	016.8	105.8	000.1400	0036.7	015.1	46.04
295.0	001.3778	0071.8	016.9	104.6	000.1400	0036.6	015.1	46.03
296.0	001.4031	0071.6	016.9	103.5	000.1400	0036.5	015.1	46.01
297.0	001.4287	0071.4	017.0	102.3	000.1400	0036.1	015.1	45.91
298.0	001.4545	0071.3	017.1	101.2	000.1400	0035.8	015.2	45.81
299.0	001.4806	0071.2	017.1	100.0	000.1400	0035.7	015.2	45.76
300.0	001.5068	0071.1	017.2	098.9	000.1400	0035.5	015.2	45.69
301.0	001.5856	0070.7	017.4	097.5	000.1400	0035.6	015.2	45.76
302.0	001.6664	0070.2	017.6	096.2	000.1400	0035.5	015.1	45.77
303.0	001.7492	0069.7	017.7	094.9	000.1400	0035.3	015.1	45.72
304.0	001.8340	0069.7	017.9	093.4	000.1400	0034.8	015.1	45.64
305.0	001.9208	0069.6	018.2	092.0	000.1400	0034.3	015.1	45.52
306.0	002.0096	0069.3	018.3	090.6	000.1400	0034.8	015.1	45.62
307.0	002.1004	0068.9	018.5	089.3	000.1400	0034.6	015.2	45.51
308.0	002.1933	0068.3	018.6	088.0	000.1400	0034.0	015.3	45.29
309.0	002.2881	0067.6	018.7	086.8	000.1400	0033.7	015.4	45.10
310.0	002.3849	0067.0	018.8	085.6	000.1400	0034.0	015.5	45.04
311.0	002.5088	0066.5	019.0	084.3	000.1400	0034.3	015.6	45.01
312.0	002.6358	0065.9	019.2	083.1	000.1400	0035.0	015.8	45.07
313.0	002.7660	0065.5	019.4	081.8	000.1400	0036.1	015.9	45.22
314.0	002.8992	0065.1	019.5	080.5	000.1400	0037.2	016.1	45.35
315.0	003.0356	0064.7	019.7	079.4	000.1400	0037.4	016.3	45.25
316.0	003.1752	0064.2	019.9	078.2	000.1400	0037.7	016.5	45.14
317.0	003.3179	0063.8	020.0	077.1	000.1400	0039.9	016.7	45.48
318.0	003.4637	0063.6	020.2	076.0	000.1400	0042.9	016.9	45.96
319.0	003.6127	0063.6	020.4	074.8	000.1400	0047.2	017.1	46.69
320.0	003.7648	0063.7	020.6	073.6	000.1400	0051.4	017.3	47.30
321.0	003.9627	0063.9	020.9	072.3	000.1400	0054.1	017.6	47.58
322.0	004.1657	0064.0	021.2	071.1	000.1400	0055.8	017.8	47.64
323.0	004.3737	0064.0	021.4	069.9	000.1400	0056.4	018.1	47.50
324.0	004.5868	0064.2	021.7	068.8	000.1400	0056.7	018.4	47.31
325.0	004.8050	0064.7	022.0	067.6	000.1400	0056.9	018.7	47.08
326.0	005.0283	0065.2	022.3	066.4	000.1400	0057.0	019.0	46.83

Munn-Reese, Inc.

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Coldwater, MI 49036

Exhibit 16.3

Contour Protection Studies Toward WKDS(FM) - Kalamazoo, MI

07-13-2010 USGS 03 SEC Terrain Data

WKDS BLED19830204AK

WYBA

Channel = 210A
Max ERP = 0.14 kW
RCAMSL = 303 M
N. Lat. 42 14 36.0
W. Lng. 85 34 19.0
Protected
60 dBu

Channel = 211B
Max ERP = 32 kW
RCAMSL = 359 M
N. Lat. 42 08 41.0
W. Lng. 85 12 34.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
065.0	000.1400	0055.6	008.4	303.2	001.7695	0069.6	026.6	53.67	
066.0	000.1400	0056.9	008.5	303.3	001.7714	0069.6	026.4	53.80	
067.0	000.1400	0057.0	008.5	303.1	001.7568	0069.7	026.3	53.85	
068.0	000.1400	0056.8	008.5	302.9	001.7393	0069.8	026.2	53.90	
069.0	000.1400	0056.7	008.5	302.7	001.7222	0069.9	026.1	53.94	
070.0	000.1400	0056.4	008.5	302.4	001.7022	0070.0	026.0	53.97	
071.0	000.1400	0055.9	008.4	302.2	001.6790	0070.1	025.9	53.99	
072.0	000.1400	0054.7	008.3	301.8	001.6478	0070.3	025.8	53.97	
073.0	000.1400	0052.8	008.2	301.3	001.6089	0070.6	025.8	53.90	
074.0	000.1400	0050.3	007.9	300.7	001.5622	0070.8	025.9	53.76	
075.0	000.1400	0046.5	007.6	299.9	001.5051	0071.1	026.0	53.53	
076.0	000.1400	0042.9	007.3	299.2	001.4868	0071.2	026.2	53.39	
077.0	000.1400	0040.3	007.0	298.7	001.4725	0071.2	026.3	53.29	
078.0	000.1400	0037.9	006.8	298.2	001.4594	0071.3	026.3	53.21	
079.0	000.1400	0037.5	006.8	297.9	001.4530	0071.3	026.3	53.23	
080.0	000.1400	0037.2	006.8	297.7	001.4470	0071.3	026.2	53.25	
081.0	000.1400	0036.9	006.7	297.5	001.4407	0071.4	026.2	53.27	
082.0	000.1400	0035.9	006.6	297.1	001.4323	0071.4	026.2	53.24	
083.0	000.1400	0035.0	006.6	296.8	001.4244	0071.4	026.2	53.22	
084.0	000.1400	0034.4	006.5	296.6	001.4173	0071.5	026.2	53.21	
085.0	000.1400	0034.0	006.5	296.3	001.4110	0071.5	026.2	53.22	
086.0	000.1400	0033.9	006.5	296.1	001.4052	0071.5	026.1	53.24	
087.0	000.1400	0033.8	006.5	295.8	001.3993	0071.6	026.1	53.25	
088.0	000.1400	0034.0	006.5	295.7	001.3944	0071.6	026.0	53.29	
089.0	000.1400	0034.4	006.5	295.5	001.3895	0071.7	025.9	53.34	
090.0	000.1400	0034.8	006.6	295.3	001.3846	0071.7	025.8	53.38	
091.0	000.1400	0034.5	006.5	295.0	001.3782	0071.8	025.8	53.39	
092.0	000.1400	0034.3	006.5	294.8	001.3718	0071.9	025.8	53.40	
093.0	000.1400	0034.6	006.5	294.5	001.3664	0072.0	025.7	53.43	
094.0	000.1400	0035.0	006.6	294.3	001.3612	0072.0	025.6	53.48	
095.0	000.1400	0035.3	006.6	294.1	001.3556	0072.0	025.6	53.50	
096.0	000.1400	0035.5	006.6	293.9	001.3497	0072.1	025.5	53.53	
097.0	000.1400	0035.6	006.6	293.6	001.3437	0072.1	025.5	53.55	

Munn-Reese, Inc.

Broadcast Engineering Consultants
Coldwater, MI 49036

Exhibit 16.3

Contour Protection Studies Toward WKDS(FM) - Kalamazoo, MI

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
098.0	000.1400	0035.6	006.6	293.4	001.3375	0072.2	025.4	53.56
099.0	000.1400	0035.5	006.6	293.1	001.3311	0072.3	025.4	53.56
100.0	000.1400	0035.7	006.6	292.9	001.3249	0072.3	025.4	53.57
101.0	000.1400	0035.7	006.6	292.6	001.3187	0072.4	025.4	53.58
102.0	000.1400	0036.0	006.7	292.4	001.3125	0072.4	025.3	53.59
103.0	000.1400	0036.4	006.7	292.1	001.3064	0072.4	025.3	53.61
104.0	000.1400	0036.7	006.7	291.9	001.3002	0072.5	025.2	53.63
105.0	000.1400	0036.6	006.7	291.6	001.2937	0072.5	025.2	53.62
106.0	000.1400	0036.7	006.7	291.3	001.2872	0072.5	025.2	53.61
107.0	000.1400	0036.8	006.7	291.1	001.2807	0072.5	025.2	53.60
108.0	000.1400	0036.8	006.7	290.8	001.2742	0072.5	025.2	53.58
109.0	000.1400	0036.6	006.7	290.5	001.2677	0072.5	025.2	53.55
110.0	000.1400	0036.5	006.7	290.3	001.2612	0072.5	025.2	53.52
111.0	000.1400	0036.4	006.7	290.0	001.2548	0072.5	025.2	53.49
112.0	000.1400	0036.2	006.7	289.7	001.2606	0072.6	025.2	53.51
113.0	000.1400	0036.1	006.7	289.5	001.2670	0072.7	025.2	53.52
114.0	000.1400	0035.9	006.6	289.2	001.2733	0072.7	025.3	53.53
115.0	000.1400	0035.9	006.6	289.0	001.2797	0072.7	025.3	53.55
116.0	000.1400	0036.3	006.7	288.7	001.2863	0072.8	025.2	53.59
117.0	000.1400	0036.9	006.7	288.4	001.2932	0072.8	025.2	53.64
118.0	000.1400	0037.3	006.8	288.1	001.3000	0072.8	025.2	53.68
119.0	000.1400	0037.6	006.8	287.9	001.3068	0072.8	025.2	53.70
120.0	000.1400	0037.9	006.8	287.6	001.3137	0072.8	025.2	53.73
121.0	000.1400	0038.2	006.9	287.3	001.3206	0072.8	025.2	53.75
122.0	000.1400	0038.3	006.9	287.0	001.3272	0072.8	025.2	53.75
123.0	000.1400	0038.4	006.9	286.8	001.3338	0072.8	025.2	53.76
124.0	000.1400	0038.5	006.9	286.5	001.3405	0072.9	025.3	53.77
125.0	000.1400	0038.7	006.9	286.2	001.3472	0073.0	025.3	53.79
126.0	000.1400	0039.1	006.9	285.9	001.3543	0073.1	025.3	53.82
127.0	000.1400	0039.3	006.9	285.7	001.3611	0073.2	025.3	53.83
128.0	000.1400	0039.2	006.9	285.4	001.3673	0073.2	025.4	53.82
129.0	000.1400	0039.9	007.0	285.1	001.3750	0073.3	025.4	53.86
130.0	000.1400	0040.1	007.0	284.8	001.3818	0073.4	025.4	53.87
131.0	000.1400	0040.1	007.0	284.6	001.3883	0073.6	025.5	53.87
132.0	000.1400	0040.1	007.0	284.3	001.3945	0073.6	025.5	53.86
133.0	000.1400	0040.3	007.0	284.1	001.4012	0073.7	025.6	53.86
134.0	000.1400	0040.5	007.1	283.8	001.4076	0073.8	025.6	53.86
135.0	000.1400	0040.6	007.1	283.6	001.4140	0073.8	025.7	53.85
136.0	000.1400	0040.8	007.1	283.3	001.4207	0073.9	025.7	53.84
137.0	000.1400	0041.1	007.1	283.1	001.4274	0073.9	025.8	53.83
138.0	000.1400	0041.4	007.1	282.8	001.4341	0073.9	025.8	53.82
139.0	000.1400	0041.5	007.1	282.6	001.4401	0073.9	025.9	53.79
140.0	000.1400	0041.0	007.1	282.4	001.4443	0073.9	026.0	53.73
141.0	000.1400	0041.0	007.1	282.2	001.4497	0073.9	026.1	53.69
142.0	000.1400	0041.2	007.1	281.9	001.4560	0074.0	026.1	53.68
143.0	000.1400	0041.7	007.2	281.7	001.4628	0074.0	026.2	53.66
144.0	000.1400	0042.1	007.2	281.4	001.4696	0074.0	026.2	53.65
145.0	000.1400	0042.2	007.2	281.2	001.4754	0074.0	026.3	53.62

Munn-Reese, Inc.

Broadcast Engineering Consultants

Coldwater, MI 49036

Exhibit 16.4

Contour Protection Studies Toward WBCL(FM) - Fort Wayne, IN

FMCommander Single Allocation Study - 07-13-2010 - USGS 03 SEC
WYBA's Overlaps (In= 1.13 km, Out= 3.6 km)

WYBA CH 211 B DA
Lat= 42 08 41.0, Lng= 85 12 34.0
32.0 kW 76.5 M HAAT, 359 M COR
Prot.= 60 dBu, Intef.= 54 dBu

WBCL CH 212 B BLED20040528AHQ
Lat= 41 06 13.0, Lng= 85 11 46.0
26.0 kW 211 M HAAT, 457 M COR
Prot.= 60 dBu, Intef.= 54 dBu

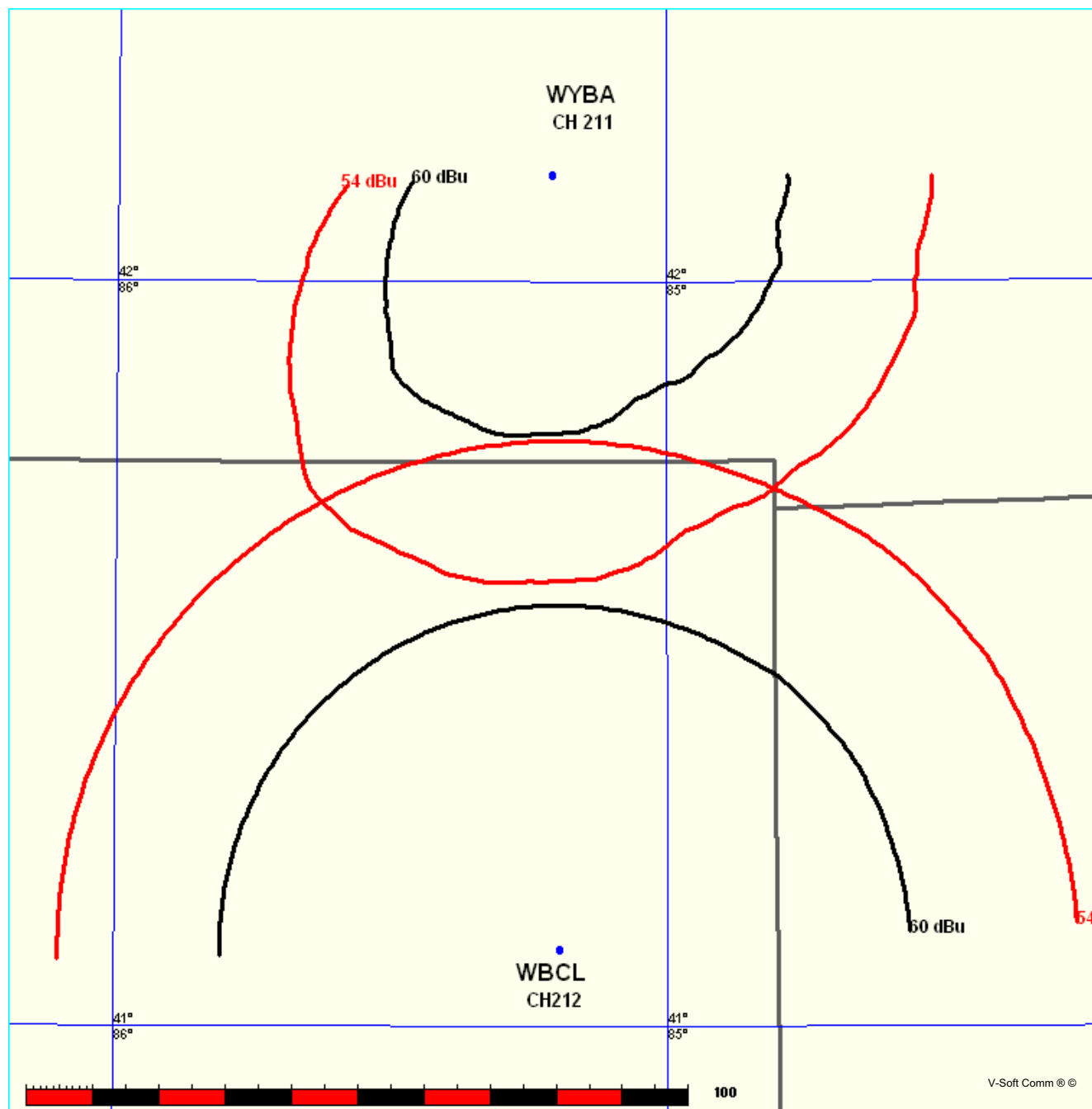


Exhibit 16.4

Contour Protection Studies Toward WBCL(FM) - Fort Wayne, IN

07-13-2010

USGS 03 SEC Terrain Data

FMOver Analysis

WYBA

WBCL BLED20040528AHQ

Channel = 211B
Max ERP = 32 kW
RCAMSL = 359 M
N. Lat. 42 08 41.0
W. Lng. 85 12 34.0
Protected
60 dBu

Channel = 212B
Max ERP = 26 kW
RCAMSL = 457 M
N. Lat. 41 06 13.0
W. Lng. 85 11 46.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
135.0	029.6758	0079.9	036.7	015.3	026.0000	0199.0	093.0	48.57	
136.0	029.2215	0080.2	036.7	015.1	026.0000	0199.0	092.5	48.73	
137.0	028.7707	0079.8	036.5	014.8	026.0000	0199.0	092.1	48.87	
138.0	028.3233	0079.5	036.3	014.5	026.0000	0199.0	091.6	49.00	
139.0	027.8795	0079.4	036.1	014.2	026.0000	0199.0	091.2	49.13	
140.0	027.4392	0079.7	036.1	013.9	026.0000	0199.0	090.7	49.28	
141.0	027.3208	0080.4	036.2	013.8	026.0000	0199.0	090.2	49.45	
142.0	027.2027	0081.0	036.3	013.6	026.0000	0199.0	089.6	49.62	
143.0	027.0848	0081.5	036.3	013.3	026.0000	0199.0	089.1	49.79	
144.0	026.9672	0082.1	036.4	013.1	026.0000	0199.0	088.5	49.95	
145.0	026.8498	0082.9	036.5	012.9	026.0000	0199.0	088.0	50.13	
146.0	026.7327	0083.3	036.6	012.7	026.0000	0199.0	087.5	50.28	
147.0	026.6158	0083.2	036.5	012.3	026.0000	0199.0	087.0	50.42	
148.0	026.4992	0082.9	036.4	012.0	026.0000	0199.0	086.7	50.53	
149.0	026.3828	0082.0	036.2	011.6	026.0000	0199.0	086.4	50.62	
150.0	026.2668	0080.9	036.0	011.2	026.0000	0199.0	086.1	50.70	
151.0	026.3828	0079.9	035.8	010.8	026.0000	0199.0	085.9	50.79	
152.0	026.4992	0079.2	035.7	010.4	026.0000	0199.0	085.6	50.88	
153.0	026.6158	0079.0	035.7	010.1	026.0000	0199.0	085.2	51.00	
154.0	026.7327	0079.1	035.7	009.8	026.0000	0199.0	084.8	51.13	
155.0	026.8498	0079.1	035.8	009.5	026.0000	0199.0	084.4	51.26	
156.0	026.9672	0079.3	035.8	009.1	026.0000	0199.0	084.0	51.38	
157.0	027.0848	0079.2	035.9	008.8	026.0000	0199.0	083.6	51.50	
158.0	027.2027	0078.8	035.8	008.4	026.0000	0199.0	083.3	51.59	
159.0	027.3208	0078.6	035.8	008.0	026.0000	0199.0	083.0	51.68	
160.0	027.4392	0079.1	036.0	007.7	026.0000	0199.0	082.6	51.82	
161.0	027.8795	0080.0	036.3	007.4	026.0000	0199.0	082.0	52.00	
162.0	028.3233	0080.8	036.6	007.1	026.0000	0199.0	081.5	52.17	
163.0	028.7707	0081.5	036.8	006.8	026.0000	0199.0	081.0	52.33	
164.0	029.2215	0082.4	037.1	006.4	026.0000	0199.0	080.5	52.50	
165.0	029.6758	0083.2	037.4	006.1	026.0000	0199.0	080.0	52.67	
166.0	030.1336	0083.6	037.6	005.7	026.0000	0199.0	079.5	52.80	
167.0	030.5950	0083.9	037.8	005.3	026.0000	0199.0	079.2	52.92	
168.0	031.0598	0083.9	037.9	004.9	026.0000	0199.0	078.8	53.03	
169.0	031.5282	0084.1	038.1	004.4	026.0000	0199.0	078.5	53.13	

Exhibit 16.4

Contour Protection Studies Toward WBCL(FM) - Fort Wayne, IN

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
170.0	032.0000	0084.1	038.2	004.0	026.0000	0199.0	078.2	53.22
171.0	032.0000	0084.2	038.2	003.5	026.0000	0199.0	078.1	53.28
172.0	032.0000	0085.1	038.4	003.1	026.0000	0199.0	077.7	53.38
173.0	032.0000	0086.6	038.7	002.6	026.0000	0199.0	077.3	53.51
174.0	032.0000	0087.1	038.7	002.2	026.0000	0199.0	077.1	53.58
175.0	032.0000	0086.8	038.7	001.7	026.0000	0199.0	077.1	53.58
176.0	032.0000	0086.5	038.6	001.2	026.0000	0198.9	077.1	53.59
177.0	032.0000	0086.5	038.6	000.7	026.0000	0199.0	077.0	53.61
178.0	032.0000	0086.6	038.7	000.2	026.0000	0199.0	077.0	53.63
179.0	032.0000	0086.7	038.7	359.7	026.0000	0199.0	077.0	53.64
180.0	032.0000	0087.0	038.7	359.2	026.0000	0199.0	076.9	53.66
181.0	032.0000	0087.2	038.8	358.7	026.0000	0199.0	076.9	53.66
182.0	032.0000	0087.4	038.8	358.2	026.0000	0199.0	076.9	53.66
183.0	032.0000	0087.4	038.8	357.7	026.0000	0199.0	076.9	53.65
184.0	032.0000	0087.8	038.9	357.2	026.0000	0199.0	076.9	53.65
185.0	032.0000	0088.5	039.0	356.7	026.0000	0199.0	076.9	53.66
186.0	032.0000	0089.3	039.2	356.2	026.0000	0199.0	076.9	53.67
187.0	032.0000	0089.8	039.3	355.6	026.0000	0199.0	076.9	53.66
188.0	032.0000	0090.6	039.4	355.1	026.0000	0199.0	076.9	53.66
189.0	032.0000	0091.2	039.5	354.6	026.0000	0199.0	076.9	53.64
190.0	032.0000	0091.3	039.5	354.1	026.0000	0199.0	077.1	53.59
191.0	032.0000	0091.3	039.5	353.6	026.0000	0199.0	077.3	53.53
192.0	032.0000	0091.4	039.6	353.1	026.0000	0199.0	077.5	53.46
193.0	032.0000	0091.4	039.6	352.7	026.0000	0199.0	077.7	53.39
194.0	032.0000	0091.2	039.5	352.2	026.0000	0199.0	078.0	53.30
195.0	032.0000	0090.9	039.5	351.8	026.0000	0199.0	078.3	53.19
196.0	032.0000	0090.4	039.4	351.3	026.0000	0199.0	078.7	53.07
197.0	032.0000	0089.2	039.2	351.0	026.0000	0199.0	079.2	52.92
198.0	032.0000	0088.4	039.0	350.6	026.0000	0199.0	079.6	52.77
199.0	032.0000	0088.3	039.0	350.2	026.0000	0199.0	080.0	52.66
200.0	032.0000	0087.9	038.9	349.8	026.0000	0199.0	080.4	52.54
201.0	032.0000	0087.7	038.9	349.4	026.0000	0199.0	080.8	52.41
202.0	032.0000	0087.5	038.8	349.0	026.0000	0199.0	081.2	52.28
203.0	032.0000	0087.3	038.8	348.6	026.0000	0199.0	081.6	52.15
204.0	032.0000	0087.1	038.8	348.2	026.0000	0199.0	082.0	52.02
205.0	032.0000	0087.2	038.8	347.8	026.0000	0199.0	082.4	51.90
206.0	032.0000	0087.2	038.8	347.5	026.0000	0199.0	082.8	51.76
207.0	032.0000	0087.3	038.8	347.1	026.0000	0199.0	083.2	51.63
208.0	032.0000	0087.6	038.8	346.7	026.0000	0199.0	083.6	51.50
209.0	032.0000	0087.9	038.9	346.4	026.0000	0199.0	084.0	51.37
210.0	032.0000	0088.3	039.0	346.0	026.0000	0199.0	084.4	51.24
211.0	031.1229	0088.7	038.8	345.8	026.0000	0199.0	085.0	51.05
212.0	030.2580	0089.1	038.7	345.5	026.0000	0199.0	085.6	50.87
213.0	029.4052	0089.7	038.6	345.3	026.0000	0199.0	086.2	50.69
214.0	028.5647	0090.7	038.5	345.0	026.0000	0199.0	086.7	50.52
215.0	027.7364	0091.7	038.5	344.7	026.0000	0199.0	087.3	50.35

Munn-Reese, Inc.

Broadcast Engineering Consultants

Coldwater, MI 49036

Exhibit 16.4

Contour Protection Studies Toward WBCL(FM) - Fort Wayne, IN

07-13-2010 USGS 03 SEC Terrain Data

WBCL BLED20040528AHQ

WYBA

Channel = 212B
Max ERP = 26 kW
RCAMSL = 457 M
N. Lat. 41 06 13.0
W. Lng. 85 11 46.0
Protected
60 dBu

Channel = 211B
Max ERP = 32 kW
RCAMSL = 359 M
N. Lat. 42 08 41.0
W. Lng. 85 12 34.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
314.0	026.0000	0198.9	051.4	204.2	032.0000	0087.1	087.6	46.42	
315.0	026.0000	0198.9	051.4	204.0	032.0000	0087.1	086.8	46.63	
316.0	026.0000	0198.7	051.4	203.8	032.0000	0087.1	085.9	46.86	
317.0	026.0000	0198.5	051.3	203.5	032.0000	0087.2	085.1	47.08	
318.0	026.0000	0198.3	051.3	203.3	032.0000	0087.2	084.3	47.30	
319.0	026.0000	0198.2	051.3	203.0	032.0000	0087.3	083.5	47.52	
320.0	026.0000	0198.0	051.3	202.7	032.0000	0087.3	082.7	47.74	
321.0	026.0000	0198.0	051.3	202.4	032.0000	0087.4	081.9	47.96	
322.0	026.0000	0198.1	051.3	202.1	032.0000	0087.5	081.1	48.18	
323.0	026.0000	0198.3	051.3	201.8	032.0000	0087.5	080.4	48.39	
324.0	026.0000	0198.4	051.3	201.5	032.0000	0087.6	079.6	48.60	
325.0	026.0000	0198.4	051.3	201.1	032.0000	0087.6	078.9	48.81	
326.0	026.0000	0198.7	051.3	200.7	032.0000	0087.7	078.1	49.02	
327.0	026.0000	0198.9	051.4	200.4	032.0000	0087.8	077.4	49.23	
328.0	026.0000	0199.0	051.4	200.0	032.0000	0087.9	076.7	49.43	
329.0	026.0000	0199.0	051.4	199.5	032.0000	0088.1	076.0	49.63	
330.0	026.0000	0199.0	051.4	199.1	032.0000	0088.3	075.3	49.83	
331.0	026.0000	0199.0	051.4	198.6	032.0000	0088.3	074.6	50.02	
332.0	026.0000	0198.9	051.4	198.2	032.0000	0088.4	073.9	50.20	
333.0	026.0000	0199.0	051.4	197.7	032.0000	0088.5	073.3	50.39	
334.0	026.0000	0199.0	051.4	197.2	032.0000	0089.0	072.7	50.59	
335.0	026.0000	0199.0	051.4	196.6	032.0000	0089.7	072.1	50.80	
336.0	026.0000	0199.0	051.4	196.1	032.0000	0090.3	071.5	51.00	
337.0	026.0000	0199.0	051.4	195.5	032.0000	0090.7	070.9	51.19	
338.0	026.0000	0199.0	051.4	195.0	032.0000	0090.9	070.4	51.36	
339.0	026.0000	0199.0	051.4	194.4	032.0000	0091.1	069.9	51.53	
340.0	026.0000	0199.0	051.4	193.8	032.0000	0091.2	069.3	51.68	
341.0	026.0000	0199.0	051.4	193.1	032.0000	0091.3	068.9	51.82	
342.0	026.0000	0199.0	051.4	192.5	032.0000	0091.4	068.4	51.96	
343.0	026.0000	0199.0	051.4	191.8	032.0000	0091.3	067.9	52.09	
344.0	026.0000	0198.9	051.4	191.2	032.0000	0091.3	067.5	52.21	
345.0	026.0000	0199.0	051.4	190.5	032.0000	0091.3	067.1	52.32	
346.0	026.0000	0199.0	051.4	189.8	032.0000	0091.4	066.8	52.44	

Exhibit 16.4

Contour Protection Studies Toward WBCL(FM) - Fort Wayne, IN

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
347.0	026.0000	0199.0	051.4	189.1	032.0000	0091.2	066.4	52.53
348.0	026.0000	0199.0	051.4	188.3	032.0000	0090.8	066.1	52.60
349.0	026.0000	0199.0	051.4	187.6	032.0000	0090.2	065.8	52.65
350.0	026.0000	0199.0	051.4	186.9	032.0000	0089.7	065.5	52.70
351.0	026.0000	0199.0	051.4	186.1	032.0000	0089.3	065.3	52.75
352.0	026.0000	0199.0	051.4	185.3	032.0000	0088.7	065.0	52.78
353.0	026.0000	0199.0	051.4	184.6	032.0000	0088.2	064.8	52.80
354.0	026.0000	0199.0	051.4	183.8	032.0000	0087.7	064.7	52.82
355.0	026.0000	0199.0	051.4	183.0	032.0000	0087.4	064.5	52.84
356.0	026.0000	0199.0	051.4	182.2	032.0000	0087.4	064.4	52.87
357.0	026.0000	0199.0	051.4	181.4	032.0000	0087.3	064.4	52.89
358.0	026.0000	0199.0	051.4	180.6	032.0000	0087.2	064.3	52.89
359.0	026.0000	0199.0	051.4	179.8	032.0000	0086.9	064.3	52.88
000.0	026.0000	0199.0	051.4	179.0	032.0000	0086.7	064.3	52.87
001.0	026.0000	0198.9	051.4	178.2	032.0000	0086.6	064.3	52.86
002.0	026.0000	0199.0	051.4	177.4	032.0000	0086.6	064.4	52.84
003.0	026.0000	0199.0	051.4	176.6	032.0000	0086.5	064.4	52.81
004.0	026.0000	0199.0	051.4	175.8	032.0000	0086.5	064.6	52.78
005.0	026.0000	0199.0	051.4	175.0	032.0000	0086.7	064.7	52.75
006.0	026.0000	0199.0	051.4	174.3	032.0000	0087.0	064.9	52.72
007.0	026.0000	0199.0	051.4	173.5	032.0000	0086.9	065.1	52.65
008.0	026.0000	0199.0	051.4	172.7	032.0000	0086.2	065.3	52.54
009.0	026.0000	0199.0	051.4	172.0	032.0000	0085.0	065.5	52.39
010.0	026.0000	0199.0	051.4	171.2	032.0000	0084.3	065.8	52.27
011.0	026.0000	0199.0	051.4	170.5	032.0000	0084.1	066.1	52.17
012.0	026.0000	0199.0	051.4	169.8	031.8914	0084.2	066.4	52.06
013.0	026.0000	0199.0	051.4	169.1	031.5564	0084.1	066.8	51.91
014.0	026.0000	0199.0	051.4	168.4	031.2291	0084.0	067.2	51.75
015.0	026.0000	0199.0	051.4	167.7	030.9104	0084.0	067.6	51.59
016.0	026.0000	0198.9	051.4	167.0	030.5996	0083.9	068.0	51.42
017.0	026.0000	0199.0	051.4	166.4	030.2964	0083.7	068.4	51.24
018.0	026.0000	0199.1	051.4	165.7	030.0000	0083.5	068.9	51.06
019.0	026.0000	0199.3	051.4	165.1	029.7118	0083.3	069.4	50.87
020.0	026.0000	0199.5	051.4	164.5	029.4316	0082.8	069.9	50.66
021.0	026.0000	0199.7	051.4	163.9	029.1581	0082.2	070.4	50.44
022.0	026.0000	0200.1	051.5	163.3	028.8926	0081.7	070.9	50.22
023.0	026.0000	0200.4	051.5	162.7	028.6349	0081.3	071.5	50.00
024.0	026.0000	0200.7	051.5	162.1	028.3856	0080.9	072.0	49.79
025.0	026.0000	0201.1	051.5	161.6	028.1446	0080.5	072.6	49.56
026.0	026.0000	0201.5	051.6	161.1	027.9107	0080.1	073.2	49.34
027.0	026.0000	0201.9	051.6	160.6	027.6845	0079.7	073.8	49.11
028.0	026.0000	0202.5	051.7	160.1	027.4644	0079.2	074.5	48.88
029.0	026.0000	0203.0	051.7	159.6	027.3887	0078.8	075.1	48.67
030.0	026.0000	0203.4	051.7	159.1	027.3342	0078.6	075.8	48.47
031.0	026.0000	0203.9	051.8	158.7	027.2811	0078.6	076.5	48.27
032.0	026.0000	0204.5	051.8	158.2	027.2294	0078.7	077.2	48.08
033.0	026.0000	0205.1	051.9	157.8	027.1796	0078.9	077.9	47.90

Exhibit 16.5

Contour Protection Studies Toward WOCR(FM) - Olivet, MI

FMCommander Single Allocation Study - 07-13-2010 - USGS 03 SEC
WYBA's Overlaps (In= 3.85 km, Out= 30.84 km)

WYBA CH 211 B DA
Lat= 42 08 41.0, Lng= 85 12 34.0
32.0 kW 76.5 M HAAT, 359 M COR
Prot.= 60 dBu, Intef.= 100 dBu

WO CR CH 209 A BLED19890525KD
Lat= 42 26 31.0, Lng= 84 55 30.0
0.125 kW 23 M HAAT, 303 M COR
Prot.= 60 dBu, Intef.= 100 dBu

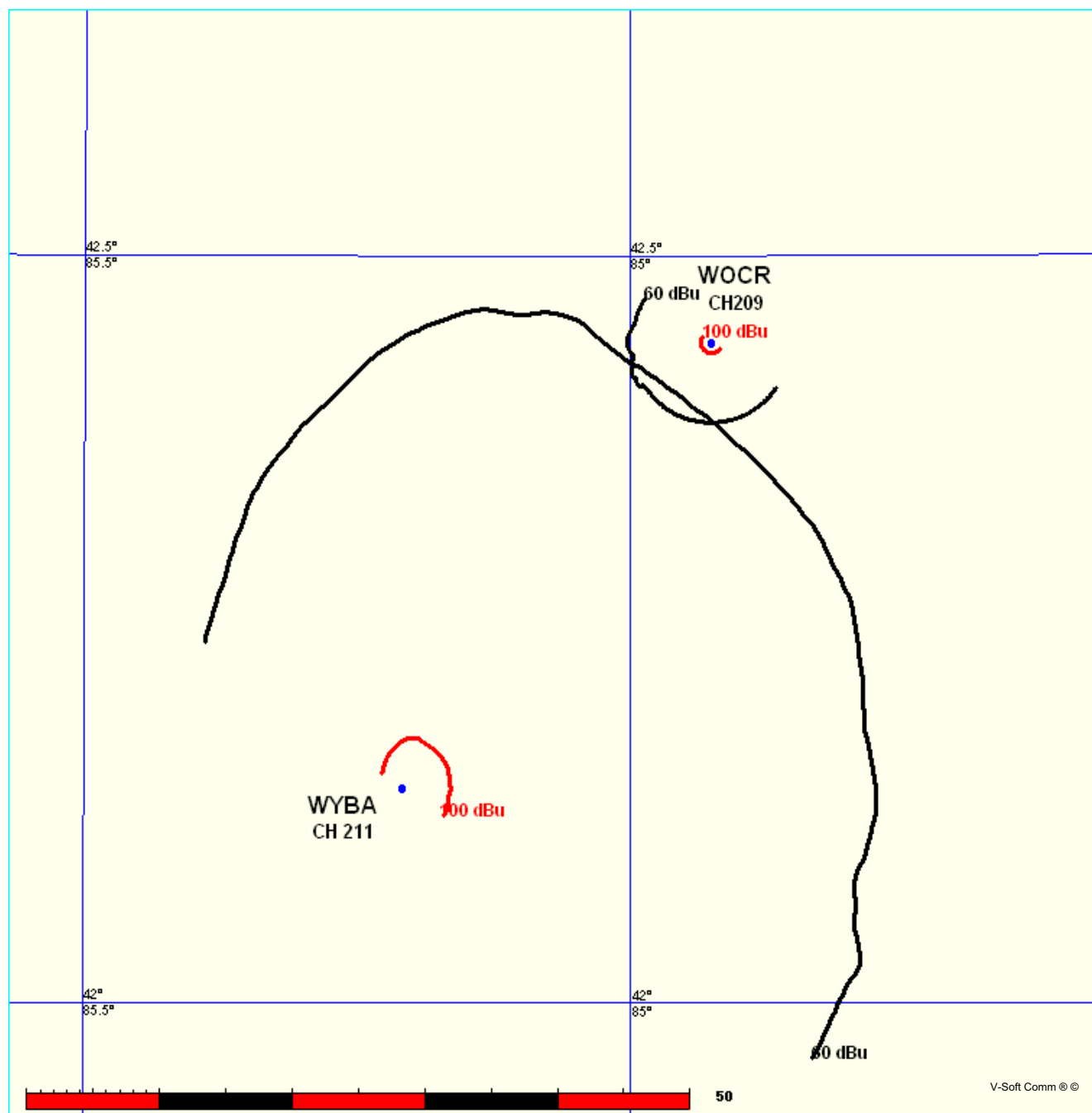


Exhibit 16.5

Contour Protection Studies Toward WOCR(FM) - Olivet, MI

07-13-2010

USGS 03 SEC Terrain Data

FMOver Analysis

WYBA

WOCR BLED19890525KD

Channel = 211B
Max ERP = 32 kW
RCAMSL = 359 M
N. Lat. 42 08 41.0
W. Lng. 85 12 34.0
Protected
60 dBu

Channel = 209A
Max ERP = 0.125 kW
RCAMSL = 303 M
N. Lat. 42 26 31.0
W. Lng. 84 55 30.0
Interfering
100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
351.0	015.8012	0070.1	029.9	262.9	000.1250	0031.9	028.3	34.55	
352.0	016.6072	0070.3	030.2	263.7	000.1250	0032.6	027.8	35.00	
353.0	017.4333	0070.5	030.6	264.6	000.1250	0033.1	027.3	35.43	
354.0	018.2795	0071.0	031.1	265.6	000.1250	0033.4	026.7	35.83	
355.0	019.1457	0071.5	031.5	266.6	000.1250	0034.0	026.2	36.29	
356.0	020.0319	0072.0	032.0	267.6	000.1250	0034.2	025.7	36.70	
357.0	020.9382	0072.1	032.3	268.5	000.1250	0034.5	025.1	37.14	
358.0	021.8646	0072.1	032.7	269.2	000.1250	0034.7	024.5	37.58	
359.0	022.8110	0072.1	033.0	270.1	000.1250	0034.6	024.0	37.93	
000.0	023.7774	0072.2	033.4	271.0	000.1250	0034.6	023.4	38.35	
001.0	024.5448	0072.5	033.7	271.8	000.1250	0034.4	022.8	38.72	
002.0	025.3244	0072.9	034.0	272.6	000.1250	0034.4	022.2	39.18	
003.0	026.1162	0073.0	034.3	273.3	000.1250	0034.2	021.6	39.58	
004.0	026.9202	0073.2	034.6	274.1	000.1250	0033.9	021.0	39.96	
005.0	027.7364	0073.5	034.9	274.9	000.1250	0033.6	020.4	40.38	
006.0	028.5647	0073.6	035.1	275.6	000.1250	0033.1	019.8	40.74	
007.0	029.4052	0074.1	035.5	276.6	000.1250	0032.5	019.2	41.09	
008.0	030.2580	0074.2	035.7	277.3	000.1250	0032.4	018.6	41.56	
009.0	031.1229	0074.0	035.9	277.8	000.1250	0032.3	018.0	42.08	
010.0	032.0000	0074.0	036.1	278.6	000.1250	0032.2	017.3	42.57	
011.0	032.0000	0074.1	036.1	278.6	000.1250	0032.2	016.7	43.10	
012.0	032.0000	0074.1	036.1	278.4	000.1250	0032.2	016.1	43.65	
013.0	032.0000	0074.4	036.2	278.4	000.1250	0032.2	015.4	44.19	
014.0	032.0000	0074.7	036.3	278.5	000.1250	0032.2	014.8	44.76	
015.0	032.0000	0075.5	036.4	278.9	000.1250	0032.0	014.1	45.49	
016.0	032.0000	0076.9	036.7	279.9	000.1250	0031.2	013.5	46.15	
017.0	032.0000	0078.2	037.0	280.7	000.1250	0030.7	012.8	46.96	
018.0	032.0000	0078.7	037.1	280.8	000.1250	0030.7	012.1	47.90	
019.0	032.0000	0079.2	037.2	280.9	000.1250	0030.6	011.5	48.91	
020.0	032.0000	0079.3	037.2	280.5	000.1250	0030.8	010.8	50.00	
021.0	032.0000	0079.3	037.2	279.8	000.1250	0031.3	010.2	51.20	
022.0	032.0000	0078.6	037.1	278.1	000.1250	0032.3	009.6	52.50	
023.0	032.0000	0077.1	036.8	275.2	000.1250	0033.4	009.1	53.74	
024.0	032.0000	0076.1	036.5	272.5	000.1250	0034.4	008.5	54.97	
025.0	032.0000	0075.2	036.4	269.5	000.1250	0034.7	008.0	56.01	

Munn-Reese, Inc.

Broadcast Engineering Consultants

Coldwater, MI 49036

Exhibit 16.5

Contour Protection Studies Toward WOCR(FM) - Olivet, MI

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
026.0	032.0000	0074.6	036.2	266.6	000.1250	0034.0	007.5	56.88
027.0	032.0000	0074.0	036.1	263.2	000.1250	0032.1	007.1	57.56
028.0	032.0000	0073.7	036.0	259.5	000.1250	0030.2	006.6	58.29
029.0	032.0000	0073.5	036.0	255.6	000.1250	0032.4	006.1	60.04
030.0	032.0000	0073.5	036.0	251.2	000.1250	0033.9	005.7	61.73
031.0	032.0000	0073.4	036.0	245.8	000.1250	0034.4	005.3	62.98
032.0	032.0000	0073.2	035.9	239.7	000.1250	0034.0	005.1	63.84
033.0	032.0000	0073.0	035.9	232.9	000.1250	0024.2	004.8	63.54
034.0	032.0000	0072.9	035.9	225.5	000.1250	0022.1	004.7	63.99
035.0	032.0000	0072.8	035.9	217.9	000.1250	0019.9	004.6	64.25
036.0	032.0000	0073.0	035.9	210.1	000.1250	0019.2	004.6	64.30
037.0	032.0000	0072.6	035.8	202.8	000.1250	0018.3	004.8	63.64
038.0	032.0000	0072.4	035.8	196.1	000.1250	0021.7	005.0	62.86
039.0	032.0000	0072.6	035.8	189.6	000.1250	0017.6	005.3	62.14
040.0	032.0000	0073.1	035.9	183.4	000.1250	0015.9	005.5	61.35
041.0	032.0000	0073.4	036.0	178.1	000.1250	0015.0	005.9	60.27
042.0	032.0000	0073.3	036.0	174.1	000.1250	0015.2	006.3	58.95
043.0	032.0000	0073.1	035.9	171.0	000.1250	0016.8	006.8	57.61
044.0	032.0000	0073.0	035.9	168.1	000.1250	0016.3	007.4	56.35
045.0	032.0000	0073.2	035.9	165.3	000.1250	0015.8	007.9	55.22
046.0	032.0000	0073.6	036.0	162.7	000.1250	0016.3	008.4	54.22
047.0	032.0000	0074.0	036.1	160.4	000.1250	0016.1	008.9	53.22
048.0	032.0000	0074.1	036.1	158.8	000.1250	0015.4	009.5	52.16
049.0	032.0000	0074.1	036.1	157.6	000.1250	0014.6	010.1	51.12
050.0	032.0000	0074.3	036.2	156.3	000.1250	0014.3	010.7	50.11
051.0	032.0000	0074.5	036.2	155.3	000.1250	0014.1	011.3	49.12
052.0	032.0000	0074.7	036.3	154.3	000.1250	0014.0	011.9	48.17
053.0	032.0000	0074.9	036.3	153.6	000.1250	0014.0	012.5	47.24
054.0	032.0000	0075.1	036.3	152.9	000.1250	0013.9	013.1	46.36
055.0	032.0000	0075.4	036.4	152.2	000.1250	0013.7	013.7	45.53
056.0	032.0000	0075.7	036.5	151.7	000.1250	0013.6	014.3	44.75
057.0	032.0000	0076.0	036.5	151.2	000.1250	0013.4	015.0	44.01
058.0	032.0000	0076.3	036.6	150.9	000.1250	0013.4	015.6	43.46
059.0	032.0000	0076.3	036.6	150.8	000.1250	0013.3	016.2	42.92
060.0	032.0000	0076.2	036.6	150.8	000.1250	0013.3	016.9	42.38
061.0	032.0000	0076.0	036.5	150.9	000.1250	0013.4	017.5	41.84
062.0	032.0000	0076.0	036.5	151.0	000.1250	0013.4	018.2	41.32
063.0	032.0000	0076.0	036.5	151.1	000.1250	0013.4	018.8	40.79
064.0	032.0000	0075.8	036.5	151.2	000.1250	0013.4	019.4	40.28
065.0	032.0000	0075.9	036.5	151.3	000.1250	0013.5	020.1	39.77
066.0	032.0000	0076.0	036.5	151.3	000.1250	0013.5	020.7	39.27
067.0	032.0000	0076.3	036.6	151.3	000.1250	0013.5	021.3	38.77
068.0	032.0000	0076.1	036.6	151.6	000.1250	0013.6	022.0	38.29
069.0	032.0000	0075.6	036.4	152.1	000.1250	0013.7	022.6	37.83
070.0	032.0000	0074.8	036.3	152.7	000.1250	0013.9	023.2	37.39

Munn-Reese, Inc.

Broadcast Engineering Consultants

Coldwater, MI 49036

Exhibit 16.5

Contour Protection Studies Toward WOCR(FM) - Olivet, MI

07-13-2010 USGS 03 SEC Terrain Data

WOCR BLED19890525KD

WYBA

Channel = 209A

Max ERP = 0.125 kW

RCAMSL = 303 M

N. Lat. 42 26 31.0

W. Lng. 84 55 30.0

Protected

60 dBu

Channel = 211B

Max ERP = 32 kW

RCAMSL = 359 M

N. Lat. 42 08 41.0

W. Lng. 85 12 34.0

Interfering

100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
170.0	000.1250	0016.7	006.0	041.9	032.0000	0073.3	036.6	61.63	
171.0	000.1250	0016.8	006.0	041.8	032.0000	0073.4	036.5	61.67	
172.0	000.1250	0016.6	006.0	041.7	032.0000	0073.4	036.4	61.71	
173.0	000.1250	0015.7	006.0	041.5	032.0000	0073.4	036.3	61.74	
174.0	000.1250	0015.2	006.0	041.4	032.0000	0073.4	036.3	61.78	
175.0	000.1250	0015.2	006.0	041.3	032.0000	0073.4	036.2	61.81	
176.0	000.1250	0015.1	006.0	041.2	032.0000	0073.4	036.1	61.84	
177.0	000.1250	0014.7	006.0	041.1	032.0000	0073.4	036.0	61.87	
178.0	000.1250	0015.0	006.0	041.0	032.0000	0073.4	036.0	61.90	
179.0	000.1250	0015.4	006.0	040.9	032.0000	0073.4	035.9	61.93	
180.0	000.1250	0015.3	006.0	040.7	032.0000	0073.4	035.8	61.96	
181.0	000.1250	0015.2	006.0	040.6	032.0000	0073.3	035.8	61.98	
182.0	000.1250	0015.4	006.0	040.5	032.0000	0073.3	035.7	62.01	
183.0	000.1250	0015.7	006.0	040.3	032.0000	0073.3	035.6	62.03	
184.0	000.1250	0016.0	006.0	040.2	032.0000	0073.2	035.6	62.05	
185.0	000.1250	0016.0	006.0	040.1	032.0000	0073.2	035.5	62.07	
186.0	000.1250	0015.8	006.0	039.9	032.0000	0073.1	035.4	62.09	
187.0	000.1250	0015.8	006.0	039.8	032.0000	0073.0	035.4	62.11	
188.0	000.1250	0016.4	006.0	039.7	032.0000	0073.0	035.3	62.13	
189.0	000.1250	0017.2	006.0	039.5	032.0000	0072.9	035.3	62.14	
190.0	000.1250	0017.9	006.0	039.4	032.0000	0072.9	035.2	62.16	
191.0	000.1250	0018.2	006.0	039.2	032.0000	0072.8	035.2	62.17	
192.0	000.1250	0018.9	006.0	039.1	032.0000	0072.7	035.1	62.18	
193.0	000.1250	0019.7	006.0	038.9	032.0000	0072.6	035.1	62.19	
194.0	000.1250	0020.4	006.0	038.8	032.0000	0072.5	035.0	62.20	
195.0	000.1250	0021.2	006.0	038.6	032.0000	0072.5	035.0	62.21	
196.0	000.1250	0021.6	006.0	038.5	032.0000	0072.4	034.9	62.23	
197.0	000.1250	0021.9	006.0	038.3	032.0000	0072.4	034.9	62.24	
198.0	000.1250	0021.9	006.0	038.1	032.0000	0072.4	034.9	62.25	
199.0	000.1250	0021.8	006.0	038.0	032.0000	0072.4	034.8	62.27	
200.0	000.1250	0020.6	006.0	037.8	032.0000	0072.4	034.8	62.28	
201.0	000.1250	0019.7	006.0	037.7	032.0000	0072.4	034.8	62.30	
202.0	000.1250	0018.8	006.0	037.5	032.0000	0072.4	034.7	62.32	

Munn-Reese, Inc.

Broadcast Engineering Consultants
Coldwater, MI 49036

Exhibit 16.5

Contour Protection Studies Toward WOCR(FM) - Olivet, MI

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
203.0	000.1250	0018.2	006.0	037.3	032.0000	0072.5	034.7	62.33
204.0	000.1250	0018.2	006.0	037.2	032.0000	0072.5	034.7	62.35
205.0	000.1250	0018.2	006.0	037.0	032.0000	0072.6	034.7	62.37
206.0	000.1250	0018.1	006.0	036.8	032.0000	0072.7	034.6	62.38
207.0	000.1250	0018.1	006.0	036.7	032.0000	0072.7	034.6	62.40
208.0	000.1250	0018.4	006.0	036.5	032.0000	0072.8	034.6	62.41
209.0	000.1250	0018.8	006.0	036.3	032.0000	0072.9	034.6	62.43
210.0	000.1250	0019.1	006.0	036.1	032.0000	0072.9	034.6	62.44
211.0	000.1250	0019.4	006.0	036.0	032.0000	0073.0	034.6	62.45
212.0	000.1250	0019.6	006.0	035.8	032.0000	0073.0	034.6	62.46
213.0	000.1250	0019.8	006.0	035.6	032.0000	0073.0	034.6	62.46
214.0	000.1250	0019.8	006.0	035.5	032.0000	0072.9	034.6	62.46
215.0	000.1250	0019.8	006.0	035.3	032.0000	0072.9	034.5	62.45
216.0	000.1250	0019.9	006.0	035.1	032.0000	0072.9	034.5	62.45
217.0	000.1250	0019.9	006.0	034.9	032.0000	0072.8	034.6	62.44
218.0	000.1250	0019.9	006.0	034.8	032.0000	0072.8	034.6	62.44
219.0	000.1250	0019.8	006.0	034.6	032.0000	0072.8	034.6	62.43
220.0	000.1250	0020.0	006.0	034.4	032.0000	0072.8	034.6	62.43
221.0	000.1250	0020.2	006.0	034.3	032.0000	0072.8	034.6	62.43
222.0	000.1250	0020.1	006.0	034.1	032.0000	0072.8	034.6	62.43
223.0	000.1250	0019.9	006.0	033.9	032.0000	0072.9	034.6	62.42
224.0	000.1250	0020.2	006.0	033.8	032.0000	0072.9	034.6	62.42
225.0	000.1250	0021.3	006.0	033.6	032.0000	0072.9	034.6	62.42
226.0	000.1250	0022.8	006.0	033.4	032.0000	0073.0	034.7	62.41
227.0	000.1250	0024.0	006.0	033.2	032.0000	0073.0	034.7	62.40
228.0	000.1250	0024.6	006.0	033.1	032.0000	0073.0	034.7	62.39
229.0	000.1250	0024.4	006.0	032.9	032.0000	0073.0	034.7	62.39
230.0	000.1250	0024.2	006.0	032.8	032.0000	0073.1	034.8	62.38
231.0	000.1250	0023.9	006.0	032.6	032.0000	0073.1	034.8	62.37
232.0	000.1250	0024.0	006.0	032.4	032.0000	0073.1	034.8	62.35
233.0	000.1250	0024.2	006.0	032.3	032.0000	0073.2	034.9	62.34
234.0	000.1250	0024.6	006.0	032.1	032.0000	0073.2	034.9	62.33
235.0	000.1250	0025.7	006.0	032.0	032.0000	0073.2	034.9	62.31
236.0	000.1250	0026.7	006.0	031.8	032.0000	0073.2	035.0	62.30
237.0	000.1250	0028.0	006.0	031.6	032.0000	0073.3	035.0	62.28
238.0	000.1250	0031.1	006.0	031.4	032.0000	0073.3	035.0	62.30
239.0	000.1250	0033.5	006.3	031.1	032.0000	0073.4	034.9	62.37
240.0	000.1250	0034.1	006.3	030.9	032.0000	0073.4	034.9	62.37
241.0	000.1250	0034.6	006.4	030.7	032.0000	0073.4	034.9	62.37
242.0	000.1250	0034.8	006.4	030.6	032.0000	0073.4	034.9	62.35
243.0	000.1250	0034.8	006.4	030.4	032.0000	0073.5	035.0	62.33
244.0	000.1250	0034.6	006.4	030.3	032.0000	0073.5	035.1	62.30
245.0	000.1250	0034.1	006.3	030.1	032.0000	0073.5	035.2	62.26
246.0	000.1250	0034.5	006.3	030.0	032.0000	0073.6	035.2	62.25
247.0	000.1250	0035.4	006.4	029.7	032.0000	0073.6	035.2	62.25
248.0	000.1250	0035.7	006.4	029.6	032.0000	0073.6	035.2	62.22
249.0	000.1250	0035.5	006.4	029.5	032.0000	0073.5	035.3	62.19

Munn-Reese, Inc.

Broadcast Engineering Consultants

Coldwater, MI 49036

Exhibit 16.6

Tabulation of Proposed DA Pattern

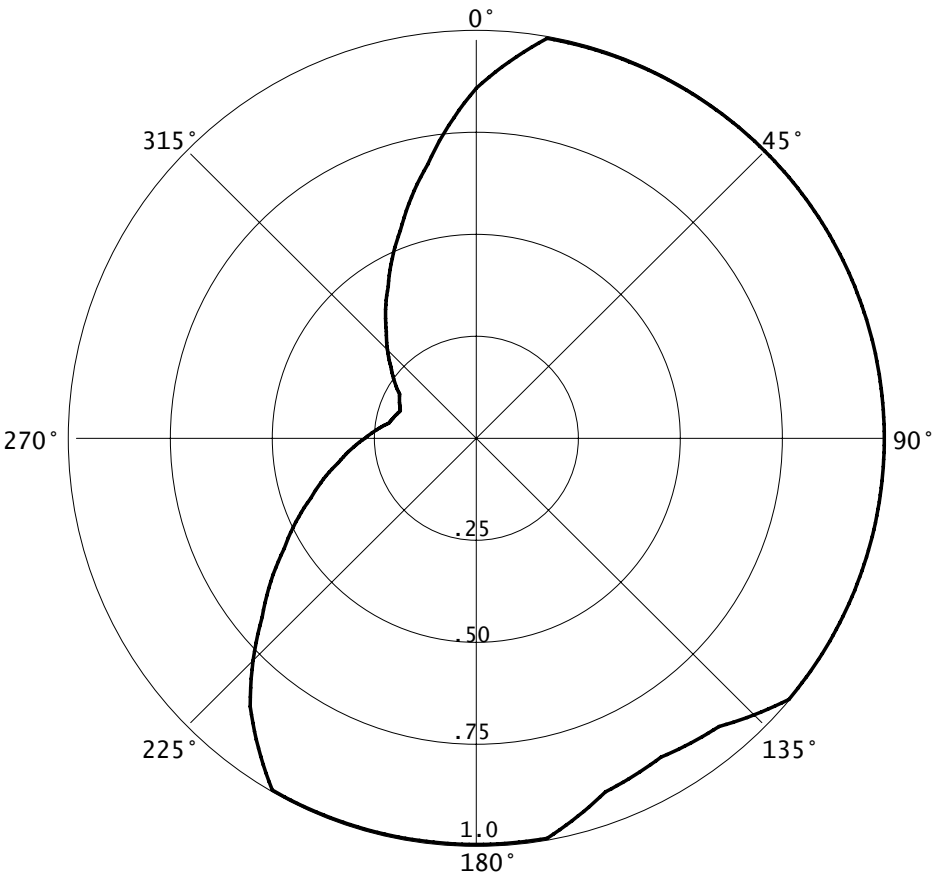
WYBA

07-13-2010

RMS(V)= .823

Graph is Relative Field

Azi	Field	dBk	kw
000	0.862	13.762	23.777
010	1.000	15.051	32.000
020	1.000	15.051	32.000
030	1.000	15.051	32.000
040	1.000	15.051	32.000
050	1.000	15.051	32.000
060	1.000	15.051	32.000
070	1.000	15.051	32.000
080	1.000	15.051	32.000
090	1.000	15.051	32.000
100	1.000	15.051	32.000
110	1.000	15.051	32.000
120	1.000	15.051	32.000
130	1.000	15.051	32.000
140	0.926	14.384	27.439
150	0.906	14.194	26.267
160	0.926	14.384	27.439
170	1.000	15.051	32.000
180	1.000	15.051	32.000
190	1.000	15.051	32.000
200	1.000	15.051	32.000
210	1.000	15.051	32.000
220	0.862	13.762	23.777
230	0.685	11.765	15.015
240	0.544	09.763	9.470
250	0.432	07.761	5.972
260	0.343	05.757	3.765
270	0.273	03.775	2.385
280	0.217	01.781	1.507
290	0.198	00.985	1.255
300	0.217	01.781	1.507
310	0.273	03.775	2.385
320	0.343	05.757	3.765
330	0.432	07.761	5.972
340	0.544	09.763	9.470
350	0.685	11.765	15.015



The antenna proposed in this application will be mounted in accordance with specific instructions provided by the antenna manufacturer. The antenna will be tested by the manufacturer using the type of mounting which will be employed in the field.

The directional antenna will be mounted on the tower which is of uniform cross section. No other antennas of any type are or will be mounted on the same tower level as the directional antenna.

No antenna is or will be mounted within any vertical or horizontal distance specified by the antenna manufacturer as being necessary for proper operation of the directional antenna. The antenna will be assembled under the supervision of a qualified engineer, who will provide the required certification. This statement will certify that the antenna has been installed pursuant to the manufacturer's instructions. Also upon completion of antenna construction, a statement from a licensed surveyor will be submitted with the application for license certifying the antenna has been installed in the proper orientation.

The directional antenna pattern will be produced by means of parasitic elements, adjusted to produce the required pattern.

The antenna pattern will be measured by the manufacturer on the test range, and the measurement results will be supplied to the Commission at the time Form 302-FM is filed covering the construction.