

Exhibit 18.1

Tabulation of Proposed Allocation

Board Of Control, Grand Valley State University											
REFERENCE		CH#	203A	- 88.5 MHz, Pwr= 4 kW, HAAT= 90.1 M, COR= 291 M						DISPLAY DATES	
43 03 24.0 N.				Average Protected F(50-50)= 24.59 km						DATA 03-20-12	
85 57 37.0 W.				Omni-directional						SEARCH 03-21-12	
CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
203A Allendale	WGVU-FM	LIC _CN MI		90.0 270.0	0.13 BLED19871228KB	43 03 24.0 85 57 31.0	3.000 95	76.9 293	24.8 Board Of Control, Grand Va	-99.0*	-99.8*
201B1 Wyoming	WYCE	LIC DCX MI		125.4 305.6	27.68 BLED20100708PCK	42 54 43.0 85 41 00.0	10.000 50	2.5 263	24.8 Grand Rapids Cable Access	1.1	0.6
203B1 Eagle	WJOM	CP DVX MI		105.8 286.6	99.35 BPED20090611ADA	42 48 25.0 84 47 18.0	25.000 40	74.1 287	18.4 Michigan Community Radio	1.8	4.1
From BMPED-20040311ABQ: Accepted on Channel 203B1 by Canada by letter dated 2/24/05 as a specially negotiated, short-spaced allotment (no conditions).											
205A Grand Rapids	WBLU-FM	LIC _CN MI		105.6 285.8	28.40 BLED19930712KB	42 59 15.0 85 37 26.0	0.650 122	1.6 341	18.9 Blue Lake Fine Arts Camp	3.3	7.3
202A Crystal Valley	WSMZ	LIC _CX MI		342.0 161.8	72.45 BLED20110103AAH	43 40 34.0 86 14 20.0	1.500 200	43.3 440	28.7 Smile Fm	4.9	6.9
203A Eagle	WJOM	LIC _VX MI		105.8 286.6	99.35 BLED20060427AFG	42 48 25.0 84 47 18.0	4.300 40	65.9 287	16.6 Michigan Community Radio	10.0	6.0
From BMPED-20040311ABQ: Accepted on Channel 203B1 by Canada by letter dated 2/24/05 as a specially negotiated, short-spaced allotment (no conditions).											
204C Interlochen	WIAA	LIC _CN MI		8.2 188.4	136.99 BLED19900105KB	44 16 33.0 85 42 49.0	100.000 315	106.8 658	73.6 Interlochen Center For The	6.4	27.3
202B1 Kalamazoo	WAYK	LIC DVN MI		163.3 343.5	87.02 BLED19970107KA	42 18 23.0 85 39 25.0	10.000 121	54.9 380	36.5 Cornerstone University	7.1	12.4
Vertical Polarization Only											
205A North Muskegon	WHEY	LIC DCX MI		308.7 128.5	39.63 BLED20081121AME	43 16 45.0 86 20 32.0	1.000 48	1.0 233	8.7 Muskegon Community Radio B	13.0	28.5
257A Zeeland Class B1 with respect to Canada	WJQK«	LIC _CN MI		179.4 359.4	26.69 BLH19920316KA	42 48 59.0 85 57 24.0	4.700 113	0.0 314	0.0 Lanser Broadcasting Corpor	9.5R	17.2M
204B1 Riverside	WSIS	LIC _CX MI		199.1 18.9	94.38 BLED20081124ABA	42 15 14.0 86 20 09.0	6.000 117	46.3 307	30.1 Smile Fm	22.3	24.9
204A Hastings	1293015	APP DVX MI		131.5 312.0	84.16 BNPED20071017AIQ	42 33 10.0 85 11 25.0	3.000 75	30.5 350	20.7 Sai dnewsfoundation	29.1	26.0
4/15/2009: Accepted on channel 204A at 42-37-34 N, 85-14-09 W by Industry Canada in 3/26/2009 letter as a specially negotiated short-spaced allotment. Note: no limitation imposed. 5/28/2009: Accepted on channel 204A by Industry Canada in 5/19/2009 letter as a specially negotiated short-spaced allotment. Note: no limitation imposed.											
203B1 NEW Constantine	CP DCX MI			169.3 349.5	131.56 BNPED20071016AAZ	41 53 37.0 85 39 53.0	9.700 89	48.0 343	13.7 Christian Radio Friends, I	58.3	38.4
7/21/2008: Accepted on channel 203B1 by Industry Canada in 7/8/2008 letter. Note: not specially negotiated.											
206A Kalamazoo	WIDR	LIC _CN MI		161.9 342.1	90.56 BLED19881031KA	42 16 55.0 85 37 05.0	0.100 57	0.7 319	7.4 Western Michigan Universit	65.0	80.8
202C1 White Star	WEJC	CP DCX MI		64.3 245.6	167.37 BPED20070907AGL	43 41 40.0 84 05 03.0	80.000 114	78.4 305	50.5 Smile Fm	69.2	88.0
From BPED-20061205AEF: Proposed to Canada as Class B 950627-Accepted by Canada 950928; sent to Canada 6/6/03 as class C1; Accepted on Channel 202C1 by Canada by letter dated March 11, 2004											

Terrain database is NED 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= - 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.
 « = Station meets FCC minimum distance spacing for its class.

Exhibit 18.2

Contour Protection Studies Toward WYCE(FM) - Wyoming, MI

FMCommander Single Allocation Study - 03-21-2012 - NED 03 SEC
WGVU-FM.P's Overlaps (In= 1.13 km, Out= 0.6 km)

WGVU-FM.P CH 203 A
Lat= 43 03 24.0, Lng= 85 57 37.0
4.0 kW 90.1 M HAAT, 291 M COR
Prot.= 60 dBu, Intef.= 100 dBu

WYCE CH 201 B1 DA BLED20100708PCK
Lat= 42 54 43.0, Lng= 85 41 00.0
10.0 kW 50 M HAAT, 263 M COR
Prot.= 60 dBu, Intef.= 100 dBu

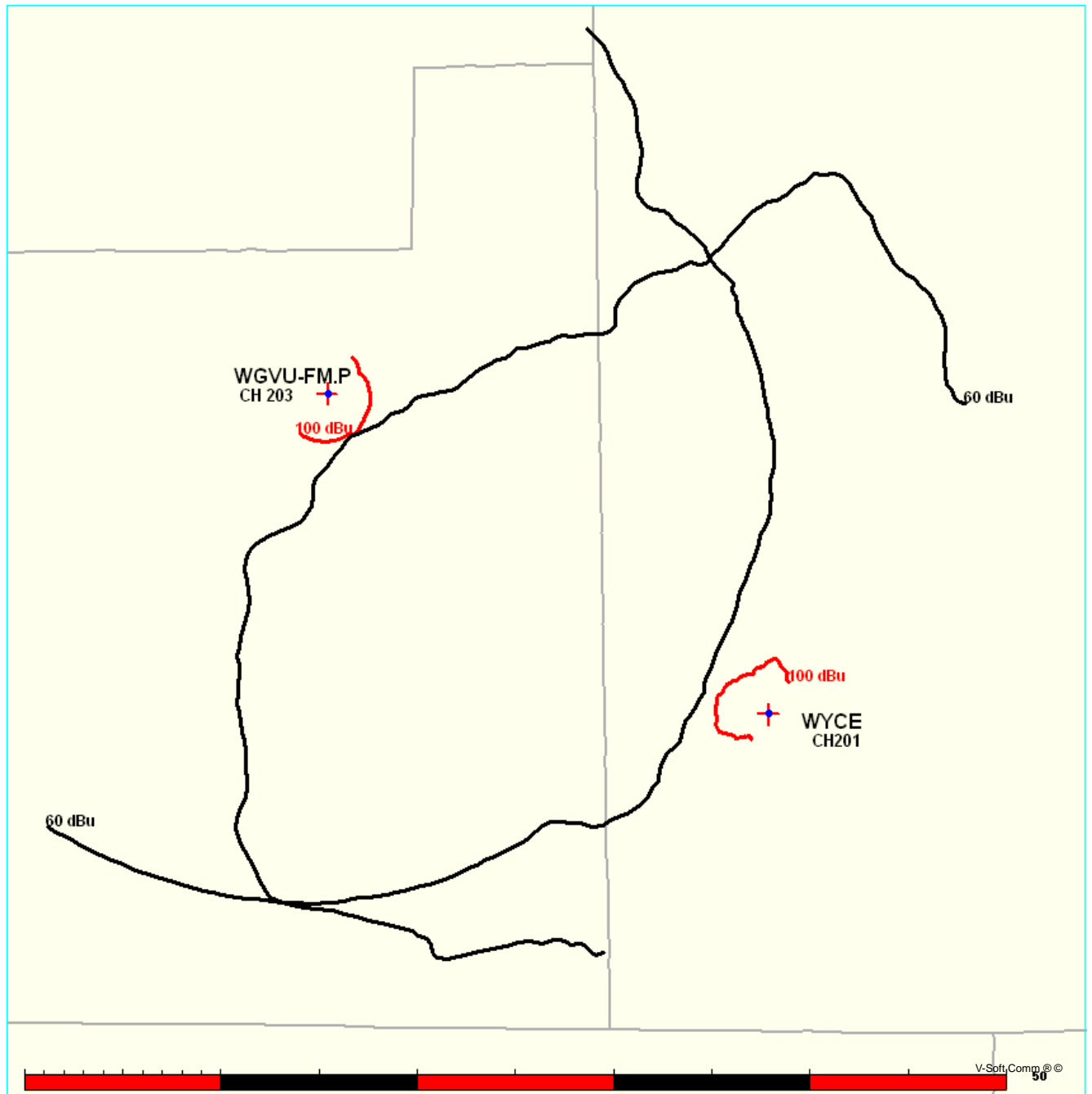


Exhibit 18.2

Contour Protection Studies Toward WYCE(FM) - Wyoming, MI

03-21-2012

Terrain Data: NED 03 SEC

FMOver Analysis

WGVU-FM.P

WYCE BLED20100708PCK

Channel = 203A

Max ERP = 4 kW

RCAMSL = 291 M

N. Lat. 43 03 24.0

W. Lng. 85 57 37.0

Protected

60 dBu

Channel = 201B1

Max ERP = 10 kW

RCAMSL = 263 M

N. Lat. 42 54 43.0

W. Lng. 85 41 00.0

Interfering

100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
081.0	004.0000	0068.0	021.6	356.2	010.0000	0055.2	019.5	64.66	
082.0	004.0000	0068.8	021.7	356.7	010.0000	0056.4	019.1	65.15	
083.0	004.0000	0069.6	021.8	357.1	010.0000	0057.6	018.8	65.65	
084.0	004.0000	0070.0	021.8	357.3	010.0000	0058.2	018.4	66.05	
085.0	004.0000	0070.7	021.9	357.7	010.0000	0059.1	018.0	66.50	
086.0	004.0000	0071.7	022.1	358.2	010.0000	0060.1	017.6	66.95	
087.0	004.0000	0072.3	022.2	358.5	010.0000	0060.6	017.3	67.34	
088.0	004.0000	0072.7	022.2	358.7	010.0000	0060.9	016.9	67.72	
089.0	004.0000	0073.0	022.3	358.9	010.0000	0061.2	016.5	68.09	
090.0	004.0000	0073.4	022.3	359.0	010.0000	0061.4	016.1	68.45	
091.0	004.0000	0074.0	022.4	359.3	010.0000	0061.7	015.7	68.83	
092.0	004.0000	0074.8	022.5	359.7	010.0000	0062.3	015.3	69.26	
093.0	004.0000	0075.3	022.6	359.9	010.0000	0062.5	014.9	69.42	
094.0	004.0000	0076.1	022.7	000.2	010.0000	0062.4	014.5	69.89	
095.0	004.0000	0077.1	022.8	000.7	010.0000	0062.6	014.1	70.41	
096.0	004.0000	0078.1	023.0	001.0	010.0000	0063.1	013.7	71.00	
097.0	004.0000	0078.7	023.1	001.2	010.0000	0063.4	013.3	71.59	
098.0	004.0000	0078.6	023.1	001.0	010.0000	0063.1	012.9	72.11	
099.0	004.0000	0079.3	023.1	001.2	010.0000	0063.3	012.5	72.74	
100.0	004.0000	0079.1	023.1	000.8	010.0000	0062.8	012.1	73.26	
101.0	004.0000	0079.0	023.1	000.4	010.0000	0062.4	011.7	73.84	
102.0	004.0000	0079.5	023.2	000.3	010.0000	0062.4	011.3	74.49	
103.0	004.0000	0080.4	023.3	000.5	010.0000	0062.5	010.8	75.19	
104.0	004.0000	0080.9	023.4	000.4	010.0000	0062.4	010.4	75.88	
105.0	004.0000	0081.4	023.4	000.2	010.0000	0062.5	010.0	76.60	
106.0	004.0000	0081.4	023.4	359.6	010.0000	0062.1	009.6	77.25	
107.0	004.0000	0081.0	023.4	358.5	010.0000	0060.5	009.3	77.71	
108.0	004.0000	0080.1	023.3	356.9	010.0000	0057.2	008.9	77.88	
109.0	004.0000	0080.6	023.3	356.3	010.0000	0055.3	008.5	78.33	
110.0	004.0000	0081.0	023.4	355.6	010.0000	0054.2	008.1	78.89	
111.0	004.0000	0081.1	023.4	354.3	010.0000	0051.4	007.7	79.15	
112.0	004.0000	0080.6	023.3	352.4	010.0000	0048.9	007.4	79.41	
113.0	004.0000	0081.0	023.4	351.1	010.0000	0048.1	007.0	80.14	
114.0	004.0000	0080.9	023.4	349.2	010.0000	0048.8	006.7	81.12	
115.0	004.0000	0080.9	023.4	347.1	010.0000	0048.1	006.4	81.87	

Exhibit 18.2

Contour Protection Studies Toward WYCE(FM) - Wyoming, MI

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
116.0	004.0000	0081.2	023.4	345.0	010.0000	0048.3	006.0	82.93
117.0	004.0000	0082.0	023.5	343.1	010.0000	0047.6	005.7	83.97
118.0	004.0000	0082.9	023.6	340.8	010.0000	0046.1	005.3	84.90
119.0	004.0000	0083.2	023.7	337.7	010.0000	0040.2	005.0	84.63
120.0	004.0000	0083.2	023.7	333.7	010.0000	0041.7	004.7	85.79
121.0	004.0000	0083.3	023.7	329.4	010.0000	0043.9	004.5	87.14
122.0	004.0000	0083.7	023.7	324.8	010.0000	0046.3	004.3	88.51
123.0	004.0000	0084.0	023.8	319.7	010.0000	0047.9	004.1	89.62
124.0	004.0000	0084.7	023.9	314.2	010.0000	0050.1	003.9	90.88
125.0	004.0000	0085.6	024.0	308.2	010.0000	0055.7	003.7	92.64
126.0	004.0000	0086.2	024.1	301.7	010.0000	0062.0	003.7	93.84
127.0	004.0000	0087.0	024.2	294.9	010.0000	0062.2	003.6	94.09
128.0	004.0000	0089.1	024.5	287.0	010.0000	0074.9	003.5	96.15
129.0	004.0000	0089.2	024.5	280.7	010.0000	0071.1	003.6	95.00
130.0	004.0000	0089.7	024.5	274.5	010.0000	0071.3	003.8	94.26
131.0	004.0000	0090.5	024.6	268.7	010.0000	0070.4	004.0	93.32
132.0	004.0000	0090.6	024.7	264.3	010.0000	0069.7	004.3	92.05
133.0	004.0000	0092.5	024.9	258.4	010.0000	0075.4	004.5	91.97
134.0	004.0000	0094.3	025.1	253.1	010.0000	0073.0	004.7	90.80
135.0	004.0000	0094.9	025.2	249.9	009.9666	0071.2	005.1	89.35
136.0	004.0000	0093.8	025.1	249.3	009.7161	0070.2	005.5	87.60
137.0	004.0000	0095.2	025.2	246.1	008.4461	0061.3	005.9	84.74
138.0	004.0000	0096.8	025.5	243.0	007.3348	0056.7	006.3	82.35
139.0	004.0000	0099.7	025.8	239.1	006.0652	0053.1	006.6	79.95
140.0	004.0000	0100.5	025.9	237.7	005.7216	0053.2	007.0	78.61
141.0	004.0000	0102.1	026.1	235.8	005.2702	0054.4	007.5	77.45
142.0	004.0000	0103.0	026.2	234.8	005.0334	0056.7	007.9	76.66
143.0	004.0000	0102.3	026.1	235.2	005.1282	0055.8	008.4	75.74
144.0	004.0000	0102.3	026.1	235.1	005.1029	0056.0	008.8	74.90
145.0	004.0000	0101.4	026.0	235.8	005.2542	0054.6	009.3	73.97
146.0	004.0000	0100.7	025.9	236.3	005.3717	0053.8	009.7	73.13
147.0	004.0000	0100.4	025.9	236.5	005.4213	0053.5	010.2	72.34
148.0	004.0000	0098.8	025.7	237.6	005.6864	0053.2	010.6	71.72
149.0	004.0000	0094.8	025.2	240.2	006.3538	0054.4	011.1	71.67
150.0	004.0000	0092.7	024.9	241.5	006.8032	0055.1	011.5	71.37
151.0	004.0000	0090.4	024.6	242.9	007.2775	0056.3	012.0	71.17
152.0	004.0000	0088.6	024.4	243.9	007.6360	0057.8	012.4	70.93
153.0	004.0000	0088.3	024.4	244.0	007.6822	0058.0	012.8	70.36
154.0	004.0000	0089.2	024.5	243.5	007.4966	0057.5	013.3	69.59
155.0	004.0000	0090.3	024.6	243.0	007.3066	0056.5	013.7	68.74
156.0	004.0000	0090.9	024.7	242.7	007.2182	0056.2	014.1	68.08
157.0	004.0000	0091.0	024.7	242.7	007.2351	0056.2	014.6	67.57
158.0	004.0000	0091.4	024.8	242.7	007.2235	0056.2	015.0	67.06
159.0	004.0000	0091.6	024.8	242.7	007.2358	0056.2	015.4	66.92
160.0	004.0000	0092.0	024.8	242.8	007.2368	0056.2	015.9	66.54

Exhibit 18.2

Contour Protection Studies Toward WYCE(FM) - Wyoming, MI

03-21-2012

Terrain Data: NED 03 SEC

FMOver Analysis

WYCE BLED20100708PCK

WGVU-FM.P

Channel = 201B1

Max ERP = 10 kW

RCAMSL = 263 M

N. Lat. 42 54 43.0

W. Lng. 85 41 00.0

Protected

60 dBu

Channel = 203A

Max ERP = 4 kW

RCAMSL = 291 M

N. Lat. 43 03 24.0

W. Lng. 85 57 37.0

Interfering

100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
261.0	010.0000	0070.9	027.0	191.4	004.0000	0099.6	020.7	64.77	
262.0	010.0000	0070.2	026.9	191.6	004.0000	0099.5	020.3	65.15	
263.0	010.0000	0069.8	026.9	191.9	004.0000	0099.4	019.8	65.51	
264.0	010.0000	0069.7	026.9	192.3	004.0000	0099.4	019.3	65.86	
265.0	010.0000	0069.6	026.8	192.6	004.0000	0099.4	018.9	66.24	
266.0	010.0000	0069.4	026.8	193.0	004.0000	0099.5	018.4	66.61	
267.0	010.0000	0069.5	026.8	193.5	004.0000	0099.6	018.0	66.99	
268.0	010.0000	0070.1	026.9	194.2	004.0000	0099.6	017.6	67.34	
269.0	010.0000	0070.6	027.0	194.9	004.0000	0099.6	017.1	67.70	
270.0	010.0000	0071.0	027.1	195.5	004.0000	0099.6	016.7	68.07	
271.0	010.0000	0071.5	027.1	196.2	004.0000	0099.6	016.3	68.43	
272.0	010.0000	0071.5	027.1	196.7	004.0000	0099.8	015.8	68.83	
273.0	010.0000	0071.3	027.1	197.0	004.0000	0099.8	015.3	69.23	
274.0	010.0000	0071.2	027.1	197.4	004.0000	0099.7	014.9	69.51	
275.0	010.0000	0071.6	027.2	198.0	004.0000	0099.8	014.4	70.02	
276.0	010.0000	0072.5	027.3	199.1	004.0000	0099.9	014.0	70.54	
277.0	010.0000	0072.0	027.2	199.2	004.0000	0099.9	013.5	71.15	
278.0	010.0000	0072.1	027.2	199.7	004.0000	0100.0	013.1	71.78	
279.0	010.0000	0071.6	027.2	199.7	004.0000	0100.0	012.6	72.45	
280.0	010.0000	0071.3	027.1	199.9	004.0000	0100.0	012.1	73.15	
281.0	010.0000	0071.1	027.1	200.1	004.0000	0100.1	011.6	73.87	
282.0	010.0000	0071.3	027.1	200.7	004.0000	0100.2	011.2	74.61	
283.0	010.0000	0072.1	027.3	201.7	004.0000	0100.5	010.7	75.38	
284.0	010.0000	0073.6	027.5	203.5	004.0000	0100.4	010.3	76.12	
285.0	010.0000	0074.8	027.7	205.0	004.0000	0100.5	009.8	76.90	
286.0	010.0000	0075.3	027.8	206.1	004.0000	0101.0	009.4	77.79	
287.0	010.0000	0075.0	027.7	206.3	004.0000	0101.0	008.9	78.71	
288.0	010.0000	0073.6	027.5	205.2	004.0000	0100.6	008.4	79.67	
289.0	010.0000	0071.4	027.1	202.9	004.0000	0100.6	007.9	80.72	
290.0	010.0000	0068.3	026.6	199.2	004.0000	0099.9	007.4	81.77	
291.0	010.0000	0065.3	026.1	195.0	004.0000	0099.6	007.0	82.84	
292.0	010.0000	0063.0	025.7	191.3	004.0000	0099.5	006.6	83.90	
293.0	010.0000	0062.6	025.7	189.8	004.0000	0099.1	006.1	85.05	

MUNN-REESE, INC.

Broadcast Engineering Consultants

COLDWATER, MI 49036

Exhibit 18.2

Contour Protection Studies Toward WYCE(FM) - Wyoming, MI

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
294.0	010.0000	0062.0	025.6	187.7	004.0000	0098.8	005.7	86.24
295.0	010.0000	0062.6	025.7	187.5	004.0000	0098.8	005.3	87.68
296.0	010.0000	0064.2	025.9	188.8	004.0000	0098.8	004.8	89.33
297.0	010.0000	0064.4	026.0	187.4	004.0000	0098.8	004.3	90.89
298.0	010.0000	0063.4	025.8	183.0	004.0000	0098.5	004.0	92.26
299.0	010.0000	0063.2	025.8	179.4	004.0000	0097.9	003.6	93.83
300.0	010.0000	0062.7	025.7	174.2	004.0000	0096.6	003.3	95.25
301.0	010.0000	0062.3	025.6	167.9	004.0000	0094.9	003.0	96.63
302.0	010.0000	0061.9	025.6	160.5	004.0000	0092.1	002.7	97.94
303.0	010.0000	0061.6	025.5	151.6	004.0000	0088.8	002.5	98.96
304.0	010.0000	0059.8	025.2	139.9	004.0000	0100.4	002.6	99.03
305.0	010.0000	0058.3	024.9	129.7	004.0000	0089.4	002.8	97.15
306.0	010.0000	0056.9	024.7	121.3	004.0000	0083.3	003.1	95.11
307.0	010.0000	0056.0	024.5	114.1	004.0000	0080.9	003.3	93.68
308.0	010.0000	0055.8	024.4	107.3	004.0000	0080.6	003.4	92.93
309.0	010.0000	0054.2	024.1	103.2	004.0000	0080.4	003.9	90.86
310.0	010.0000	0053.5	024.0	099.0	004.0000	0079.3	004.2	89.38
311.0	010.0000	0053.8	024.0	094.1	004.0000	0076.2	004.4	88.29
312.0	010.0000	0052.7	023.8	091.8	004.0000	0074.6	004.9	86.54
313.0	010.0000	0051.1	023.5	090.8	004.0000	0073.8	005.4	84.69
314.0	010.0000	0050.3	023.3	089.1	004.0000	0073.0	005.8	83.24
315.0	010.0000	0048.9	023.0	088.5	004.0000	0072.7	006.3	81.69
316.0	010.0000	0048.1	022.8	087.4	004.0000	0072.5	006.7	80.49
317.0	010.0000	0048.2	022.8	085.1	004.0000	0070.8	007.0	79.55
318.0	010.0000	0048.0	022.8	083.4	004.0000	0069.8	007.4	78.58
319.0	010.0000	0047.9	022.7	082.0	004.0000	0068.8	007.7	77.68
320.0	010.0000	0047.7	022.7	080.7	004.0000	0068.0	008.1	76.85
321.0	010.0000	0047.3	022.6	080.0	004.0000	0067.6	008.5	76.07
322.0	010.0000	0047.1	022.5	079.0	004.0000	0066.9	008.8	75.31
323.0	010.0000	0046.3	022.3	078.9	004.0000	0066.9	009.3	74.51
324.0	010.0000	0046.2	022.3	078.1	004.0000	0067.0	009.6	73.87
325.0	010.0000	0046.3	022.3	077.1	004.0000	0067.4	010.0	73.32
326.0	010.0000	0045.4	022.1	077.4	004.0000	0067.4	010.4	72.55
327.0	010.0000	0044.9	022.0	077.3	004.0000	0067.4	010.8	71.87
328.0	010.0000	0044.7	022.0	076.8	004.0000	0067.4	011.2	71.25
329.0	010.0000	0044.0	021.8	077.0	004.0000	0067.4	011.6	70.59
330.0	010.0000	0043.9	021.8	076.6	004.0000	0067.0	012.0	69.96
331.0	010.0000	0043.5	021.7	076.5	004.0000	0066.8	012.4	69.35
332.0	010.0000	0042.5	021.4	077.2	004.0000	0067.4	012.8	68.79
333.0	010.0000	0042.0	021.3	077.3	004.0000	0067.4	013.2	68.23
334.0	010.0000	0041.6	021.2	077.3	004.0000	0067.4	013.6	67.72
335.0	010.0000	0040.9	021.0	077.7	004.0000	0067.3	014.0	67.19
336.0	010.0000	0040.3	020.8	078.0	004.0000	0067.1	014.3	66.67
337.0	010.0000	0040.2	020.8	077.8	004.0000	0067.3	014.7	66.26
338.0	010.0000	0040.8	021.0	077.0	004.0000	0067.4	015.0	66.13
339.0	010.0000	0044.1	021.8	073.7	004.0000	0065.8	015.3	65.70
340.0	010.0000	0045.7	022.2	072.1	004.0000	0062.8	015.7	65.03

Exhibit 18.3

Contour Protection Studies Toward WJOM.C - Eagle, MI

FMCommander Single Allocation Study - 03-21-2012 - NED 03 SEC
WGVU-FM.P's Overlaps (In= 1.77 km, Out= 4.09 km)

WGVU-FM.P CH 203 A
Lat= 43 03 24.0, Lng= 85 57 37.0
4.0 kW 90.1 M HAAT, 291 M COR
Prot.= 60 dBu, Intef.= 40 dBu

WJOM-C CH 203 B1 DA BPED20090611ADA
Lat= 42 48 25.0, Lng= 84 47 18.0
25.0 kW 40 M HAAT, 287 M COR
Prot.= 60 dBu, Intef.= 40 dBu

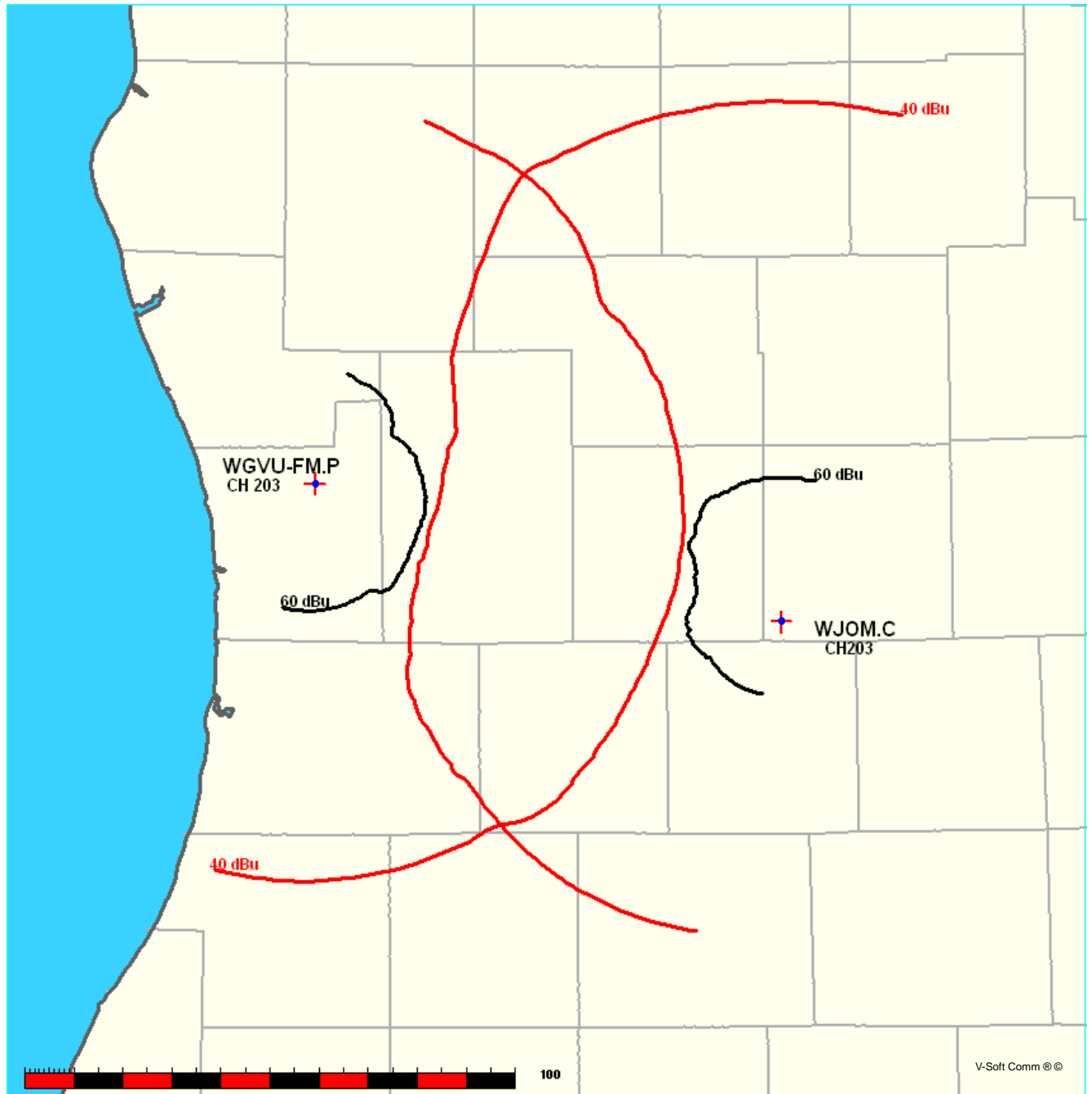


Exhibit 18.3

Contour Protection Studies Toward WJOM.C - Eagle, MI

03-21-2012

Terrain Data: NED 03 SEC

FMOver Analysis

WGVU-FM.P

WJOM-C BPED20090611ADA

Channel = 203A

Max ERP = 4 kW

RCAMSL = 291 M

N. Lat. 43 03 24.0

W. Lng. 85 57 37.0

Protected

60 dBu

Channel = 203B1

Max ERP = 25 kW

RCAMSL = 287 M

N. Lat. 42 48 25.0

W. Lng. 84 47 18.0

Interfering

40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
062.0	004.0000	0054.5	019.5	295.6	006.4009	0044.0	086.5	37.58	
063.0	004.0000	0055.7	019.7	295.6	006.4009	0044.0	086.1	37.67	
064.0	004.0000	0056.0	019.7	295.5	006.4009	0043.9	085.8	37.73	
065.0	004.0000	0057.1	019.9	295.4	006.4009	0043.8	085.4	37.82	
066.0	004.0000	0058.7	020.2	295.4	006.4009	0043.8	084.9	37.92	
067.0	004.0000	0059.4	020.3	295.3	006.4009	0043.7	084.6	37.99	
068.0	004.0000	0060.9	020.5	295.2	006.4009	0043.7	084.2	38.08	
069.0	004.0000	0061.8	020.7	295.1	006.4009	0043.7	083.8	38.16	
070.0	004.0000	0061.9	020.7	295.0	006.4009	0043.6	083.6	38.22	
071.0	004.0000	0062.1	020.7	294.8	006.4009	0043.5	083.3	38.28	
072.0	004.0000	0062.9	020.8	294.7	006.4009	0043.5	083.0	38.35	
073.0	004.0000	0064.2	021.0	294.6	006.4009	0043.5	082.6	38.44	
074.0	004.0000	0066.3	021.3	294.5	006.4009	0043.5	082.1	38.54	
075.0	004.0000	0067.7	021.5	294.4	006.4009	0043.4	081.8	38.63	
076.0	004.0000	0066.6	021.3	294.1	006.4009	0043.1	081.6	38.63	
077.0	004.0000	0067.4	021.5	293.9	006.4009	0043.0	081.3	38.70	
078.0	004.0000	0067.1	021.4	293.7	006.4009	0042.9	081.1	38.73	
079.0	004.0000	0066.9	021.4	293.5	006.4009	0042.7	081.0	38.76	
080.0	004.0000	0067.6	021.5	293.3	006.4009	0042.5	080.7	38.82	
081.0	004.0000	0068.0	021.6	293.1	006.4009	0042.2	080.4	38.85	
082.0	004.0000	0068.8	021.7	292.9	006.4009	0041.9	080.1	38.89	
083.0	004.0000	0069.6	021.8	292.7	006.4009	0041.6	079.8	38.94	
084.0	004.0000	0070.0	021.8	292.5	006.4009	0041.3	079.6	38.97	
085.0	004.0000	0070.7	021.9	292.3	006.4009	0041.2	079.4	39.02	
086.0	004.0000	0071.7	022.1	292.1	006.4009	0041.1	079.1	39.08	
087.0	004.0000	0072.3	022.2	291.8	006.4009	0041.0	078.8	39.12	
088.0	004.0000	0072.7	022.2	291.6	006.4009	0040.8	078.6	39.15	
089.0	004.0000	0073.0	022.3	291.3	006.4009	0040.7	078.4	39.18	
090.0	004.0000	0073.4	022.3	291.1	006.4009	0040.5	078.2	39.21	
091.0	004.0000	0074.0	022.4	290.8	006.4009	0040.3	078.0	39.25	
092.0	004.0000	0074.8	022.5	290.6	006.4009	0040.1	077.8	39.28	
093.0	004.0000	0075.3	022.6	290.3	006.4009	0039.9	077.6	39.31	
094.0	004.0000	0076.1	022.7	290.1	006.4009	0039.8	077.4	39.35	
095.0	004.0000	0077.1	022.8	289.8	006.4009	0039.8	077.2	39.39	
096.0	004.0000	0078.1	023.0	289.5	006.4009	0039.7	076.9	39.43	

MUNN-REESE, INC.

Broadcast Engineering Consultants

COLDWATER, MI 49036

Exhibit 18.3

Contour Protection Studies Toward WJOM.C - Eagle, MI

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
097.0	004.0000	0078.7	023.1	289.3	006.4009	0039.6	076.8	39.46
098.0	004.0000	0078.6	023.1	289.0	006.4009	0039.4	076.7	39.47
099.0	004.0000	0079.3	023.1	288.7	006.4009	0039.3	076.5	39.49
100.0	004.0000	0079.1	023.1	288.4	006.4009	0039.0	076.5	39.48
101.0	004.0000	0079.0	023.1	288.1	006.4009	0038.9	076.5	39.47
102.0	004.0000	0079.5	023.2	287.8	006.4009	0039.0	076.4	39.50
103.0	004.0000	0080.4	023.3	287.5	006.4009	0039.1	076.2	39.54
104.0	004.0000	0080.9	023.4	287.2	006.4009	0039.0	076.1	39.56
105.0	004.0000	0081.4	023.4	286.9	006.4009	0039.2	076.0	39.59
106.0	004.0000	0081.4	023.4	286.6	006.4009	0039.4	076.0	39.60
107.0	004.0000	0081.0	023.4	286.3	006.4009	0039.6	076.1	39.61
108.0	004.0000	0080.1	023.3	286.0	006.4009	0039.8	076.2	39.59
109.0	004.0000	0080.6	023.3	285.7	006.4009	0039.8	076.2	39.60
110.0	004.0000	0081.0	023.4	285.3	006.4009	0039.8	076.2	39.61
111.0	004.0000	0081.1	023.4	285.0	006.4009	0040.0	076.2	39.62
112.0	004.0000	0080.6	023.3	284.7	006.4009	0040.1	076.3	39.60
113.0	004.0000	0081.0	023.4	284.4	006.4009	0040.1	076.3	39.59
114.0	004.0000	0080.9	023.4	284.1	006.4009	0040.0	076.4	39.57
115.0	004.0000	0080.9	023.4	283.8	006.4009	0039.8	076.5	39.54
116.0	004.0000	0081.2	023.4	283.5	006.4009	0039.7	076.5	39.52
117.0	004.0000	0082.0	023.5	283.2	006.4009	0039.6	076.5	39.52
118.0	004.0000	0082.9	023.6	282.9	006.4009	0039.6	076.5	39.52
119.0	004.0000	0083.2	023.7	282.6	006.4009	0039.6	076.6	39.50
120.0	004.0000	0083.2	023.7	282.3	006.4009	0039.4	076.7	39.46
121.0	004.0000	0083.3	023.7	282.0	006.4009	0039.4	076.8	39.44
122.0	004.0000	0083.7	023.7	281.7	006.4009	0039.3	076.9	39.41
123.0	004.0000	0084.0	023.8	281.4	006.4009	0039.4	077.0	39.39
124.0	004.0000	0084.7	023.9	281.1	006.4009	0039.5	077.1	39.38
125.0	004.0000	0085.6	024.0	280.8	006.4009	0039.5	077.2	39.38
126.0	004.0000	0086.2	024.1	280.5	006.4009	0039.4	077.3	39.35
127.0	004.0000	0087.0	024.2	280.1	006.4009	0039.4	077.4	39.32
128.0	004.0000	0089.1	024.5	279.8	006.4009	0040.2	077.3	39.39
129.0	004.0000	0089.2	024.5	279.5	006.4009	0040.7	077.5	39.38
130.0	004.0000	0089.7	024.5	279.2	006.4009	0041.5	077.7	39.40
131.0	004.0000	0090.5	024.6	278.9	006.4009	0042.0	077.8	39.41
132.0	004.0000	0090.6	024.7	278.6	006.4009	0042.0	078.1	39.36
133.0	004.0000	0092.5	024.9	278.2	006.4009	0041.8	078.1	39.34
134.0	004.0000	0094.3	025.1	277.9	006.4009	0041.7	078.2	39.31
135.0	004.0000	0094.9	025.2	277.6	006.4009	0041.7	078.4	39.27
136.0	004.0000	0093.8	025.1	277.4	006.4009	0041.8	078.8	39.19
137.0	004.0000	0095.2	025.2	277.1	006.4009	0041.9	078.9	39.16
138.0	004.0000	0096.8	025.5	276.7	006.4009	0041.9	079.0	39.14
139.0	004.0000	0099.7	025.8	276.3	006.4009	0041.8	079.1	39.12
140.0	004.0000	0100.5	025.9	276.0	006.4009	0041.7	079.3	39.06
141.0	004.0000	0102.1	026.1	275.7	006.4009	0041.8	079.5	39.03
142.0	004.0000	0103.0	026.2	275.4	006.4009	0042.0	079.8	38.98
143.0	004.0000	0102.3	026.1	275.3	006.4009	0042.1	080.2	38.90

Exhibit 18.3

Contour Protection Studies Toward WJOM.C - Eagle, MI

03-21-2012

Terrain Data: NED 03 SEC

FMOver Analysis

WJOM-C BPED20090611ADA

WGVU-FM.P

Channel = 203B1

Max ERP = 25 kW

RCAMSL = 287 M

N. Lat. 42 48 25.0

W. Lng. 84 47 18.0

Protected

60 dBu

Channel = 203A

Max ERP = 4 kW

RCAMSL = 291 M

N. Lat. 43 03 24.0

W. Lng. 85 57 37.0

Interfering

40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
242.0	006.8696	0027.6	016.4	113.3	004.0000	0080.9	088.5	36.87	
243.0	006.9116	0028.6	016.4	113.2	004.0000	0080.9	088.2	36.93	
244.0	006.9538	0030.0	016.4	113.1	004.0000	0080.9	088.0	36.99	
245.0	006.9960	0032.5	017.1	113.3	004.0000	0080.9	087.3	37.17	
246.0	007.0384	0033.3	017.3	113.3	004.0000	0080.9	086.9	37.26	
247.0	007.0809	0032.2	017.1	113.0	004.0000	0081.0	086.9	37.28	
248.0	007.1236	0032.7	017.2	113.0	004.0000	0081.0	086.6	37.37	
249.0	007.1663	0033.7	017.5	113.0	004.0000	0081.0	086.1	37.48	
250.0	007.2092	0034.0	017.6	112.9	004.0000	0081.0	085.9	37.55	
251.0	007.2496	0034.1	017.7	112.7	004.0000	0080.9	085.6	37.62	
252.0	007.2900	0034.7	017.9	112.7	004.0000	0080.9	085.3	37.71	
253.0	007.3306	0034.8	017.9	112.5	004.0000	0080.8	085.0	37.77	
254.0	007.3712	0035.7	018.2	112.5	004.0000	0080.8	084.6	37.88	
255.0	007.4120	0036.9	018.5	112.4	004.0000	0080.8	084.2	37.99	
256.0	007.4529	0037.6	018.7	112.3	004.0000	0080.7	083.8	38.09	
257.0	007.4939	0037.3	018.7	112.1	004.0000	0080.7	083.7	38.13	
258.0	007.5350	0037.5	018.7	112.0	004.0000	0080.6	083.4	38.19	
259.0	007.5763	0038.3	019.0	111.9	004.0000	0080.6	083.0	38.30	
260.0	007.6176	0038.5	019.0	111.7	004.0000	0080.6	082.8	38.36	
261.0	007.4912	0039.1	019.1	111.6	004.0000	0080.8	082.5	38.43	
262.0	007.3658	0040.4	019.4	111.4	004.0000	0080.9	082.2	38.54	
263.0	007.2415	0041.1	019.5	111.3	004.0000	0081.0	081.9	38.61	
264.0	007.1182	0040.2	019.1	111.0	004.0000	0081.1	082.0	38.59	
265.0	006.9960	0039.7	018.9	110.7	004.0000	0081.2	082.1	38.58	
266.0	006.8749	0040.8	019.1	110.5	004.0000	0081.2	081.7	38.67	
267.0	006.7548	0042.0	019.3	110.4	004.0000	0081.2	081.4	38.76	
268.0	006.6358	0042.9	019.5	110.2	004.0000	0081.2	081.1	38.82	
269.0	006.5178	0043.4	019.5	110.0	004.0000	0081.0	081.0	38.86	
270.0	006.4009	0043.4	019.4	109.7	004.0000	0080.9	081.0	38.86	
271.0	006.4009	0043.8	019.5	109.5	004.0000	0080.8	080.7	38.91	
272.0	006.4009	0044.1	019.6	109.3	004.0000	0080.8	080.6	38.96	
273.0	006.4009	0043.8	019.5	109.1	004.0000	0080.6	080.6	38.95	
274.0	006.4009	0043.0	019.3	108.8	004.0000	0080.4	080.6	38.92	

Exhibit 18.3

Contour Protection Studies Toward WJOM.C - Eagle, MI

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
275.0	006.4009	0042.2	019.1	108.5	004.0000	0080.2	080.7	38.88
276.0	006.4009	0041.7	019.0	108.3	004.0000	0080.1	080.8	38.87
277.0	006.4009	0041.9	019.0	108.1	004.0000	0080.1	080.7	38.90
278.0	006.4009	0041.7	019.0	107.8	004.0000	0080.2	080.6	38.91
279.0	006.4009	0041.9	019.0	107.6	004.0000	0080.4	080.5	38.95
280.0	006.4009	0039.7	018.5	107.3	004.0000	0080.6	081.0	38.83
281.0	006.4009	0039.5	018.5	107.1	004.0000	0080.9	081.0	38.84
282.0	006.4009	0039.4	018.4	106.9	004.0000	0081.1	081.0	38.86
283.0	006.4009	0039.6	018.5	106.6	004.0000	0081.3	080.9	38.89
284.0	006.4009	0039.9	018.6	106.4	004.0000	0081.4	080.8	38.92
285.0	006.4009	0040.0	018.6	106.2	004.0000	0081.4	080.8	38.93
286.0	006.4009	0039.8	018.5	105.9	004.0000	0081.5	080.8	38.92
287.0	006.4009	0039.1	018.4	105.7	004.0000	0081.6	081.0	38.88
288.0	006.4009	0038.9	018.3	105.5	004.0000	0081.6	081.1	38.87
289.0	006.4009	0039.4	018.4	105.3	004.0000	0081.5	080.9	38.90
290.0	006.4009	0039.8	018.5	105.0	004.0000	0081.4	080.9	38.91
291.0	006.4009	0040.4	018.7	104.8	004.0000	0081.3	080.8	38.94
292.0	006.4009	0041.1	018.8	104.5	004.0000	0081.3	080.6	38.97
293.0	006.4009	0042.1	019.1	104.3	004.0000	0081.2	080.4	39.01
294.0	006.4009	0043.1	019.3	104.0	004.0000	0081.0	080.2	39.05
295.0	006.4009	0043.6	019.5	103.8	004.0000	0080.7	080.2	39.06
296.0	006.4009	0044.7	019.7	103.5	004.0000	0080.4	080.0	39.10
297.0	006.4009	0046.1	020.0	103.2	004.0000	0080.4	079.7	39.16
298.0	006.4009	0046.1	020.0	103.0	004.0000	0080.4	079.8	39.14
299.0	006.4009	0046.0	020.0	102.7	004.0000	0080.2	079.9	39.10
300.0	006.4009	0046.5	020.1	102.5	004.0000	0079.9	079.9	39.08
301.0	006.7211	0047.4	020.6	102.1	004.0000	0079.6	079.6	39.15
302.0	007.0490	0047.3	020.8	101.8	004.0000	0079.4	079.5	39.17
303.0	007.3848	0047.5	021.1	101.5	004.0000	0079.2	079.4	39.19
304.0	007.7284	0048.2	021.5	101.2	004.0000	0079.0	079.2	39.24
305.0	008.0798	0049.3	021.9	100.8	004.0000	0079.1	078.9	39.32
306.0	008.4390	0051.0	022.5	100.3	004.0000	0079.1	078.5	39.42
307.0	008.8061	0052.2	023.0	099.9	004.0000	0079.1	078.2	39.49
308.0	009.1809	0055.8	024.0	099.3	004.0000	0079.3	077.6	39.68
309.0	009.5636	0056.6	024.4	098.9	004.0000	0079.3	077.4	39.72
310.0	009.9540	0056.6	024.6	098.6	004.0000	0079.1	077.5	39.70
311.0	010.4749	0056.5	024.8	098.2	004.0000	0078.8	077.5	39.68
312.0	011.0091	0054.7	024.8	097.9	004.0000	0078.6	077.7	39.60
313.0	011.5566	0053.3	024.7	097.7	004.0000	0078.5	078.0	39.52
314.0	012.1174	0052.9	024.9	097.4	004.0000	0078.6	078.1	39.49
315.0	012.6914	0052.2	025.0	097.1	004.0000	0078.7	078.3	39.45
316.0	013.2787	0052.0	025.2	096.7	004.0000	0078.6	078.4	39.42
317.0	013.8794	0052.8	025.7	096.3	004.0000	0078.3	078.3	39.42
318.0	014.4932	0053.9	026.2	095.8	004.0000	0077.7	078.3	39.41
319.0	015.1204	0053.7	026.4	095.4	004.0000	0077.5	078.4	39.36
320.0	015.7609	0053.2	026.5	095.1	004.0000	0077.2	078.6	39.28
321.0	016.5893	0052.6	026.6	094.8	004.0000	0077.0	078.8	39.21