

Exhibit 13.1 - Copy of Existing Antenna Structure Registration



Registration Detail

Reg Number	1224765	Status	Constructed
File Number	A0547330	Constructed	09/10/2001
EMI	No	Dismantled	
NEPA	No		

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Commu

Location (in NAD83 Coordinates)

Lat/Long	42-38-09.7 N 084-29-49.6 W	Address	HOLLOWAY DR. E. OF HOLT
City, State	HOLT , MI		
Zip	48842	County	INGHAM
Center of AM Array		Position of Tower in Array	

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
265.7	77.4
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
343.1	76.2

Painting and Lighting Specifications

FAA Chapters 4, 8, 12
 Paint and Light in Accordance with FAA Circular Number 70/7460-1K

FAA Notification

FAA Study	2007-AGL-3039-OE	FAA Issue Date	04/16/2007
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Owner & Contact Information

FRN	0015709579	Owner Entity Type	
Owner			
SBA Towers II LLC		P: (561)995-7670	
Attention To: Edward G. Roach		F:	
5900 Broken Sound Pkwy NW		E: ERoach@sbsite.com	
Boca Raton , FL 33487			
Contact			
Roach , Edward G		P: (561)995-7670	
5900 Broken Sound Pkwy NW		F:	
Boca Raton , FL 33487		E: ERoach@sbsite.com	

Last Action Status

Status	Constructed	Received	04/20/2007
Purpose	Notification	Entered	04/20/2007
Mode	Interactive		

Related Applications

04/20/2007	A0547324 - Modification (MD)
04/20/2007	A0547330 - Notification (NT)
04/06/2007	A0546240 - Change Owner (OC)

Related applications (6)

Comments

Comments

None

History

Date	Event
04/23/2007	Registration Printed
04/20/2007	ASR Application receipt email sent: Tower email
04/20/2007	Construction Notification Received

All History (13)

Automated Letters

04/23/2007	Authorization, Reference 562362
04/09/2007	Ownership Change, Reference 560565
04/09/2007	Authorization, Reference 560596

All letters (5)

Exhibit 13.2

Vertical Plan of Antenna System

The site is located on Holloway Drive, east of the city of Holt, Ingham County, Michigan.

Site Location (NAD 27)

NL: 42° 38' 10"

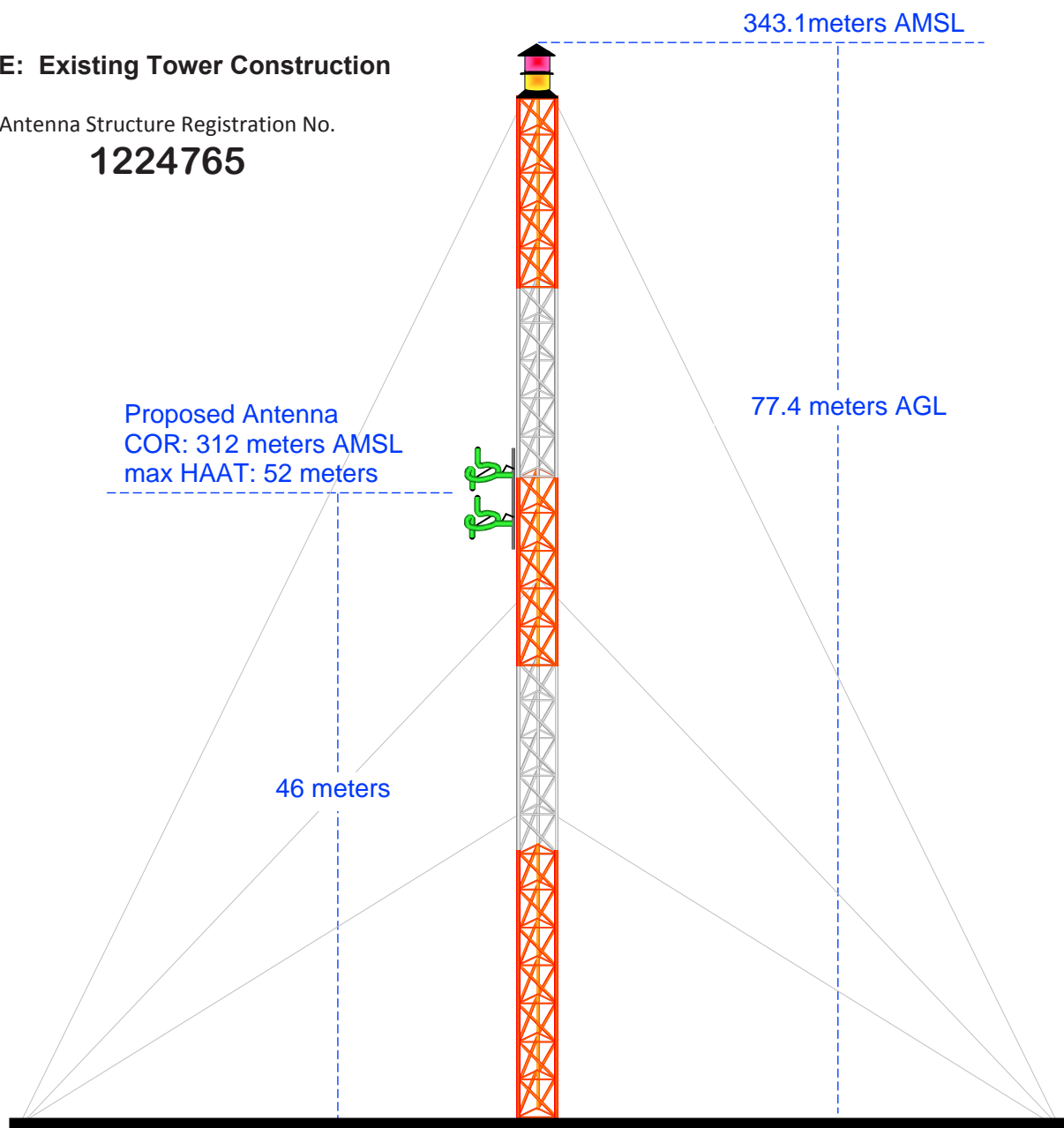
WL: 84° 29' 50"

(42-38-09.7NL; 84-29-49.6WL NAD1983)

NOTE: Existing Tower Construction

Antenna Structure Registration No.

1224765



Ground Elevation = 265.7 m AMSL

Drawing is not to Scale

MUNN-REESE, INC.

Broadcast Engineering Consultants
Coldwater, MI 49036

NED 03 SEC Terrain Database
US Census 2010 PL Database

Exhibit 13.3 Present vs. Proposed Service Contour Study

Long-Form 60 dBμ F(50:50) Contour
Short-Form 60 dBμ F(50:50) Contour

CH252D.long-form
Holt, MI
Proposed Operation
Facility ID: 145605
Latitude: 42-38-10 N
Longitude: 084-29-50 W
ERP: 0.08 kW
Channel: 252D
Frequency: 98.3 MHz
AMSL Height: 312.0 m
Horiz. Pattern: Omni

60 dBμ Contour
Total Population: 40,019
Total Area: 119 sq. km

CH252D.short-form
Holt, MI
BNPFT20030314AOG
Facility ID: 145605
Latitude: 42-38-10 N
Longitude: 084-29-50 W
ERP: 0.026 kW
Channel: 252D
Frequency: 98.3 MHz
AMSL Height: 339.0 m
Horiz. Pattern: Omni

60 dBμ Contour
Total Population: 37,498
Total Area: 114 sq. km

+
CH252D.long-form
CH252D.short-form

Holt

Mason



Terrain
249 302 m

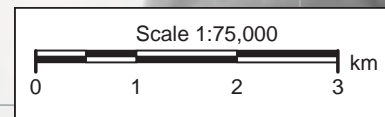


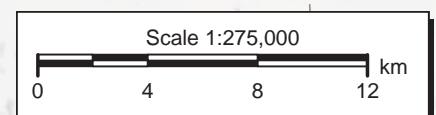
Exhibit 13.4 Proposed vs. Primary Service Contour Study

CH252D.long-form
Holt, MI
Proposed Operation
Facility ID: 145605
Latitude: 42-38-10 N
Longitude: 084-29-50 W
ERP: 0.08 kW
Channel: 252D
Frequency: 98.3 MHz
AMSL Height: 312.0 m
Horiz. Pattern: Omni

WSAE(FM)
Spring Arbor, MI
BLED19931201KE
Facility ID: 61994
Latitude: 42-09-13 N
Longitude: 084-32-58 W
ERP: 3.90 kW
Channel: 295A
Frequency: 106.9 MHz
AMSL Height: 417.0 m
Horiz. Pattern: Omni

NED 03 SEC Terrain Database
US Census 2010 PL Database

Terrain
230 378 m



V-Soft Communications LLC ©

Primary 42 dBμ F(50:50) Contour

+
CH252D.long-form

Long-Form 60 dBμ F(50:50) Contour

Ingham

Primary 60 dBμ F(50:50) Contour

Jackson

+
WSAE(FM)



Exhibit 13.5

Tabulation of Proposed Commercial Allocation

REFERENCE 42 38 10.0 N. 84 29 50.0 W.		CH# 252D - 98.3 MHz, Pwr= 0.08 kw, HAAT= 40.3 M, COR= 312 M Average Protected F(50-50)= 6.13 km Omni-directional								DISPLAY DATES DATA 03-12-13 SEARCH 03-12-13	
CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
252D Holt	638164	APP _C_ MI		0.0 0.0	0.00 BNPFT20030314AOG	42 38 10.0 84 29 50.0	0.026 70	21.6 339	6.5 Spring Arbor University Co	-28.6*<	-29.8*<
253B Coldwater	WNWN-FM	LIC _CN MI		212.8 32.4	76.31 BLH19790601AC	42 03 28.0 84 59 51.0	50.000 143	76.9 436	64.0 Midwest Communications, In	-5.9*<	1.6
251B Saginaw	WKQC	LIC _CX MI		28.2 208.6	98.82 BMLH20100823ABD	43 25 04.0 83 55 06.0	50.000 150	78.5 332	65.4 The Macdonald Broadcasting	13.3	19.3
252D Chelsea	W252BA	LIC _C_ MI		138.1 318.4	50.59 BLFT20070309ADV	42 17 48.0 84 05 11.0	0.250 17	23.8 309	7.1 Spring Arbor University	21.1	24.7
250B Grand Rapids	WGRD-FM	LIC _CN MI		281.1 100.3	95.78 BLH19880321KE	42 47 46.0 85 38 58.0	13.000 180	4.2 407	53.9 Townsquare Media Of Grand	85.1	40.6
252A Luna Pier	WMIM	LIC ZCX MI		141.0 321.7	137.80 BLH20070301ABH	41 40 05.0 83 27 11.0	3.400 135	83.6 316	28.3 Cumulus Licensing Llc	48.4	90.2
4/20/2012: Accepted on Channel 252A by Canada by letter dated March 27, 2003. No limitations and not specially negotiated.											
254B Detroit	WDZH	LIC _CN MI		103.2 284.1	113.65 BLH19890928KF	42 23 42.0 83 08 58.0	50.000 141	5.7 332	63.3 Cbs Radio East Inc.	102.2	49.1
250B Detroit	WJLB	LIC _CN MI		102.2 283.2	116.33 BLH19810811AO	42 24 22.0 83 06 44.0	50.000 149	5.8 339	63.8 Amfm Radio Licenses, L.L.c	104.8	51.3
252D Holly	641287	APP _C_ MI		77.9 258.5	80.32 BNPFT20030317DZA	42 47 02.0 83 32 05.0	0.004 150	18.8 454	5.7 Educational Media Foundati	55.6	55.2
252A Sarnia	AL2988<	AL _ ON		77.0 258.4	175.80	42 58 20.0 82 23 48.0	6.000 100	86.0 288	38.0 111.5R		64.3M
SPECIAL NEGOTIATED SHORT-SPACED ALLOCATION.											
251B Defiance	WDFM	LIC _CN OH		181.3 1.3	149.57 BLH19850701KJ	41 17 28.0 84 32 17.0	50.000 152	78.5 371	65.4 Citicasters Licenses, Inc.	65.8	73.4
GRANDFATHERED AT 50KW @ 152M HAAT											
252A Hartford	WCXT	LIC _CX MI		254.9 73.6	156.71 BLH20080211ABT	42 15 14.0 86 20 09.0	3.700 130	81.6 320	27.0 Wsjm Inc	68.9	109.1
253C1 Harrison	WUPS	LIC _CX MI		353.9 173.8	184.84 BLH20080924AKU	44 17 21.0 84 44 32.0	100.000 299	105.3 648	72.5 Coltrace Communications, I	72.7	102.4
252A North Muskegon	WLCS	LIC _CX MI		299.8 118.6	154.45 BLH20030210AAM	43 18 50.0 86 09 17.0	1.600 139	73.7 341	24.4 Radio License Holding Cbc,	74.2	107.9
249D Russellville	650379	APP _V_ MI		53.1 233.7	83.76 BNPFT20030317KCE	43 05 07.0 83 40 19.0	0.055 55	0.5 285	6.5 Michigan Community Radio	76.9	76.6
254A Grand Rapids	WFRG	LIC _CX MI		294.7 113.9	107.24 BMLH20050714ABA	43 01 57.0 85 41 47.0	2.750 150	2.6 378	29.4 Townsquare Media Of Grand	98.1	77.2

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= East Zone, Co to 3rd adjacent.
 All separation margins (if shown) include rounding
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
 "*"affixed to 'IN' or 'OUT' values = site inside protected contour.
 < = Station meets FCC minimum distance spacing for its class.
 < = Contour overlap

Blue Highlighted Text denotes the BNPFT-20030314AOG - Holt, MI, facility to be modified by this Form 349 filing. This facility need not be protected.

Yellow Highlighted Text denotes supplemental contour protection studies toward WNWN-FM - Coldwater, MI (CH253B) as included in **Exhibit 13.6**.

Exhibit 13.6

Contour Protection Studies Toward WNWN-FM - Coldwater, MI

Spring Arbor University Communications, Inc.

FMCommander Single Allocation Study - 03-12-2013 - NED 03 SEC
CH252D.P's Overlaps (In= -5.93 km, Out= 1.59 km)

CH252D.P CH 252 D
Lat= 42 38 10.0, Lng= 84 29 50.0
0.08 kW 40.3 M HAAT, 312 M COR
Prot.= 60 dBu, Intef.= 48 dBu

WNWN-FM CH 253 B BLH19790601AC
Lat= 42 03 28.0, Lng= 84 59 51.0
50.0 kW 143 M HAAT, 436 M COR
Prot.= 54 dBu, Intef.= 54 dBu

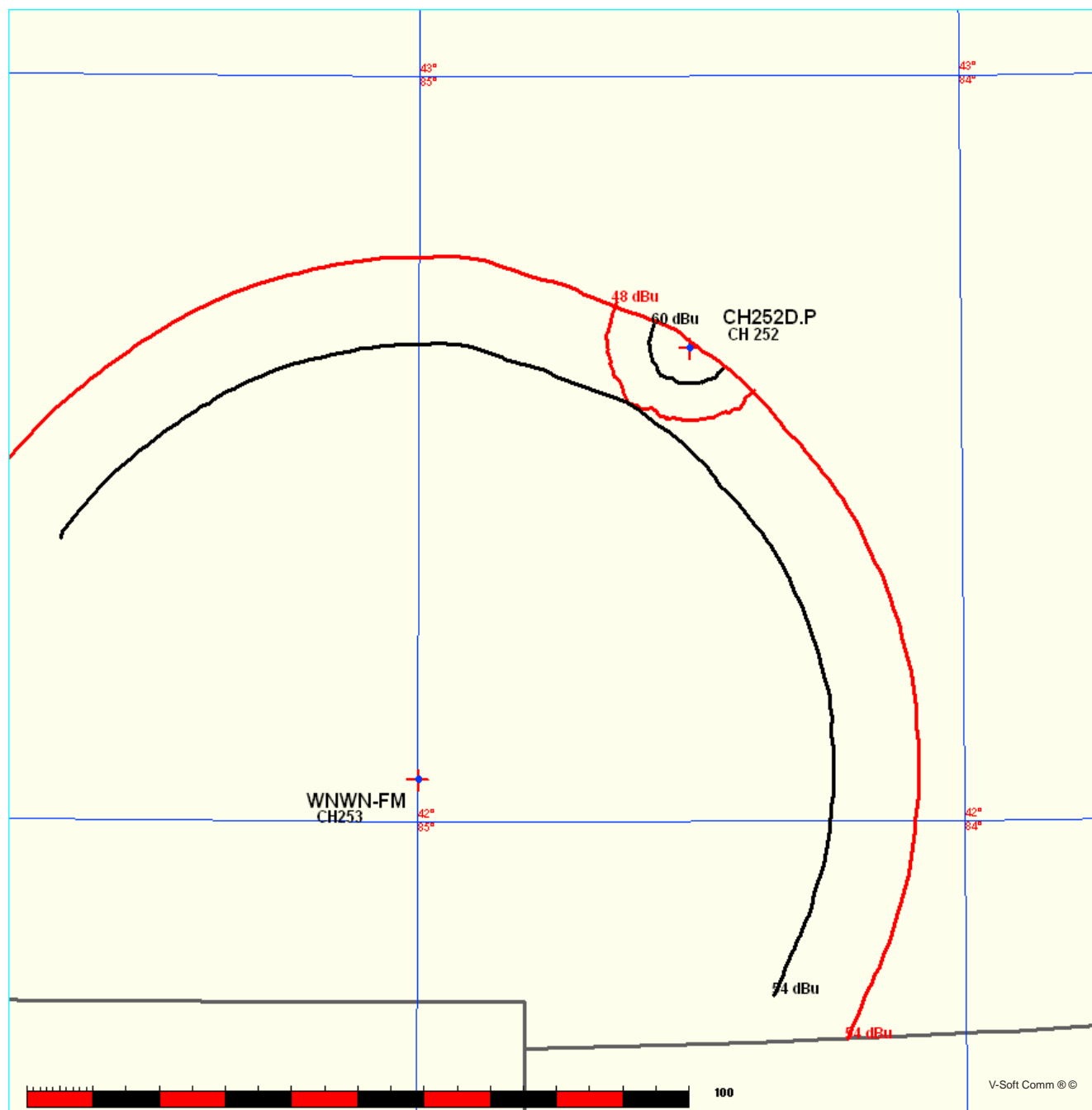


Exhibit 13.6

Contour Protection Studies Toward WNWN-FM - Coldwater, MI

03-12-2013

Terrain Data: NED 03 SEC

FMOver Analysis

CH252D.P

WNWN-FM BLH19790601AC

Channel = 252D

Max ERP = 0.08 kW

RCAMSL = 312 M

N. Lat. 42 38 10.0

W. Lng. 84 29 50.0

Protected

60 dBu

Channel = 253B

Max ERP = 50 kW

RCAMSL = 436 M

N. Lat. 42 03 28.0

W. Lng. 84 59 51.0

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
170.0	000.0800	0026.3	005.3	035.3	050.0000	0142.1	072.5	55.37*	4.42
171.0	000.0800	0026.2	005.3	035.2	050.0000	0142.1	072.4	55.39*	4.49
172.0	000.0800	0026.5	005.3	035.2	050.0000	0142.1	072.4	55.41*	4.55
173.0	000.0800	0027.3	005.3	035.1	050.0000	0142.1	072.3	55.43*	4.61
174.0	000.0800	0027.6	005.3	035.1	050.0000	0142.0	072.2	55.45*	4.67
175.0	000.0800	0028.0	005.3	035.0	050.0000	0142.0	072.2	55.47*	4.72
176.0	000.0800	0028.2	005.3	035.0	050.0000	0142.0	072.1	55.48*	4.78
177.0	000.0800	0029.0	005.3	034.9	050.0000	0141.9	072.1	55.50*	4.83
178.0	000.0800	0029.4	005.3	034.8	050.0000	0141.9	072.0	55.52*	4.88
179.0	000.0800	0028.7	005.3	034.8	050.0000	0141.9	071.9	55.53*	4.93
180.0	000.0800	0028.0	005.3	034.7	050.0000	0141.8	071.9	55.55*	4.98
181.0	000.0800	0028.2	005.3	034.7	050.0000	0141.8	071.8	55.56*	5.03
182.0	000.0800	0028.5	005.3	034.6	050.0000	0141.8	071.8	55.58*	5.07
183.0	000.0800	0028.1	005.3	034.5	050.0000	0141.7	071.7	55.59*	5.12
184.0	000.0800	0028.1	005.3	034.5	050.0000	0141.7	071.7	55.60*	5.16
185.0	000.0800	0027.5	005.3	034.4	050.0000	0141.7	071.6	55.62*	5.21
186.0	000.0800	0026.2	005.3	034.3	050.0000	0141.7	071.6	55.63*	5.25
187.0	000.0800	0026.0	005.3	034.3	050.0000	0141.6	071.6	55.64*	5.29
188.0	000.0800	0026.1	005.3	034.2	050.0000	0141.6	071.5	55.66*	5.33
189.0	000.0800	0026.8	005.3	034.2	050.0000	0141.6	071.5	55.67*	5.37
190.0	000.0800	0028.0	005.3	034.1	050.0000	0141.6	071.4	55.68*	5.41
191.0	000.0800	0028.6	005.3	034.0	050.0000	0141.6	071.4	55.69*	5.44
192.0	000.0800	0029.3	005.3	033.9	050.0000	0141.6	071.4	55.70*	5.48
193.0	000.0800	0029.6	005.3	033.9	050.0000	0141.6	071.3	55.71*	5.51
194.0	000.0800	0029.3	005.3	033.8	050.0000	0141.6	071.3	55.72*	5.55
195.0	000.0800	0030.3	005.3	033.7	050.0000	0141.6	071.2	55.74*	5.60
196.0	000.0800	0030.9	005.4	033.7	050.0000	0141.6	071.2	55.76*	5.67
197.0	000.0800	0031.8	005.5	033.6	050.0000	0141.6	071.1	55.80*	5.77
198.0	000.0800	0032.0	005.5	033.6	050.0000	0141.7	071.0	55.81*	5.82
199.0	000.0800	0032.2	005.5	033.5	050.0000	0141.7	071.0	55.82*	5.85
200.0	000.0800	0032.9	005.6	033.4	050.0000	0141.7	070.9	55.85*	5.94
201.0	000.0800	0032.7	005.5	033.3	050.0000	0141.7	070.9	55.85*	5.94
202.0	000.0800	0031.9	005.5	033.3	050.0000	0141.7	070.9	55.84*	5.91
203.0	000.0800	0031.9	005.5	033.2	050.0000	0141.8	070.9	55.85*	5.94

MUNN-REESE, INC.

Broadcast Engineering Consultants

COLDWATER, MI 49036

Exhibit 13.6

Contour Protection Studies Toward WNWN-FM - Coldwater, MI

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
204.0	000.0800	0032.9	005.6	033.1	050.0000	0141.8	070.8	55.88* 6.03
205.0	000.0800	0033.1	005.6	033.0	050.0000	0141.8	070.8	55.89* 6.07
206.0	000.0800	0032.3	005.5	033.0	050.0000	0141.9	070.9	55.88* 6.02
207.0	000.0800	0032.2	005.5	032.9	050.0000	0141.9	070.9	55.88* 6.03
208.0	000.0800	0032.1	005.5	032.8	050.0000	0141.9	070.8	55.88* 6.04
209.0	000.0800	0031.0	005.4	032.7	050.0000	0142.0	070.9	55.86* 5.96
210.0	000.0800	0030.4	005.4	032.6	050.0000	0142.0	071.0	55.84* 5.92
211.0	000.0800	0029.9	005.3	032.6	050.0000	0142.0	071.0	55.84* 5.90
212.0	000.0800	0029.1	005.3	032.5	050.0000	0142.1	071.0	55.84* 5.91
213.0	000.0800	0029.2	005.3	032.4	050.0000	0142.1	071.0	55.84* 5.92
214.0	000.0800	0029.8	005.3	032.3	050.0000	0142.2	071.0	55.85* 5.93
215.0	000.0800	0030.9	005.4	032.3	050.0000	0142.3	070.9	55.87* 6.01
216.0	000.0800	0032.5	005.5	032.2	050.0000	0142.4	070.8	55.92* 6.15
217.0	000.0800	0034.1	005.7	032.1	050.0000	0142.5	070.7	55.96* 6.29
218.0	000.0800	0035.2	005.7	032.0	050.0000	0142.7	070.6	55.99* 6.39
219.0	000.0800	0035.8	005.8	031.9	050.0000	0142.8	070.6	56.01* 6.44
220.0	000.0800	0036.6	005.8	031.8	050.0000	0143.0	070.5	56.04* 6.52
221.0	000.0800	0037.2	005.9	031.8	050.0000	0143.1	070.5	56.05* 6.57
222.0	000.0800	0036.9	005.9	031.7	050.0000	0143.3	070.5	56.05* 6.55
223.0	000.0800	0037.1	005.9	031.6	050.0000	0143.4	070.5	56.05* 6.56
224.0	000.0800	0037.5	005.9	031.5	050.0000	0143.5	070.5	56.06* 6.59
225.0	000.0800	0038.0	005.9	031.4	050.0000	0143.7	070.5	56.07* 6.63
226.0	000.0800	0039.4	006.1	031.3	050.0000	0143.8	070.4	56.10* 6.72
227.0	000.0800	0040.1	006.1	031.2	050.0000	0143.8	070.4	56.11* 6.75
228.0	000.0800	0041.2	006.2	031.1	050.0000	0143.9	070.4	56.13* 6.82
229.0	000.0800	0041.9	006.2	031.0	050.0000	0143.9	070.4	56.14* 6.84
230.0	000.0800	0041.7	006.2	030.9	050.0000	0144.0	070.4	56.13* 6.80
231.0	000.0800	0041.8	006.2	030.9	050.0000	0144.0	070.4	56.12* 6.78
232.0	000.0800	0041.2	006.2	030.8	050.0000	0144.1	070.5	56.10* 6.70
233.0	000.0800	0041.4	006.2	030.7	050.0000	0144.1	070.5	56.09* 6.68
234.0	000.0800	0040.5	006.1	030.6	050.0000	0144.1	070.6	56.06* 6.58
235.0	000.0800	0040.7	006.2	030.6	050.0000	0144.1	070.7	56.05* 6.55
236.0	000.0800	0040.4	006.1	030.5	050.0000	0144.1	070.7	56.03* 6.49
237.0	000.0800	0040.2	006.1	030.4	050.0000	0144.1	070.8	56.01* 6.43
238.0	000.0800	0039.3	006.1	030.4	050.0000	0144.2	070.9	55.97* 6.32
239.0	000.0800	0038.6	006.0	030.3	050.0000	0144.2	071.0	55.94* 6.22
240.0	000.0800	0038.8	006.0	030.2	050.0000	0144.2	071.0	55.93* 6.19
241.0	000.0800	0038.0	005.9	030.2	050.0000	0144.2	071.1	55.90* 6.09
242.0	000.0800	0038.2	006.0	030.1	050.0000	0144.3	071.2	55.89* 6.06
243.0	000.0800	0038.1	006.0	030.0	050.0000	0144.3	071.3	55.87* 6.00
244.0	000.0800	0038.0	006.0	030.0	050.0000	0144.4	071.3	55.86* 5.95
245.0	000.0800	0038.1	006.0	029.9	050.0000	0144.4	071.4	55.84* 5.90
246.0	000.0800	0038.5	006.0	029.8	050.0000	0144.4	071.4	55.83* 5.86
247.0	000.0800	0038.9	006.0	029.7	050.0000	0144.4	071.4	55.82* 5.82
248.0	000.0800	0039.0	006.0	029.7	050.0000	0144.4	071.5	55.80* 5.77
249.0	000.0800	0039.6	006.1	029.6	050.0000	0144.4	071.5	55.79* 5.73
250.0	000.0800	0040.9	006.2	029.5	050.0000	0144.3	071.5	55.79* 5.73

Exhibit 13.6

Contour Protection Studies Toward WNWN-FM - Coldwater, MI

03-12-2013

Terrain Data: NED 03 SEC

FMOVER Analysis

WNWN-FM BLH19790601AC

CH252D.P

Channel = 253B

Max ERP = 50 kW

RCAMSL = 436 M

N. Lat. 42 03 28.0

W. Lng. 84 59 51.0

Protected

54 dBu

Channel = 252D

Max ERP = 0.08 kW

RCAMSL = 312 M

N. Lat. 42 38 10.0

W. Lng. 84 29 50.0

Interfering

48 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
347.0	050.0000	0146.3	064.6	268.8	000.0800	0042.5	055.4	25.60	
348.0	050.0000	0146.5	064.6	269.1	000.0800	0042.4	054.3	25.86	
349.0	050.0000	0146.4	064.6	269.3	000.0800	0042.6	053.2	26.18	
350.0	050.0000	0146.7	064.6	269.5	000.0800	0042.8	052.1	26.50	
351.0	050.0000	0146.8	064.6	269.7	000.0800	0042.8	051.0	26.80	
352.0	050.0000	0147.3	064.7	270.0	000.0800	0042.8	049.9	27.10	
353.0	050.0000	0147.3	064.7	270.2	000.0800	0042.8	048.8	27.40	
354.0	050.0000	0147.3	064.7	270.3	000.0800	0042.8	047.7	27.69	
355.0	050.0000	0147.4	064.7	270.5	000.0800	0042.9	046.5	28.01	
356.0	050.0000	0147.8	064.8	270.6	000.0800	0042.9	045.4	28.35	
357.0	050.0000	0147.8	064.8	270.7	000.0800	0042.9	044.3	28.69	
358.0	050.0000	0147.2	064.7	270.7	000.0800	0042.9	043.2	29.04	
359.0	050.0000	0147.3	064.7	270.8	000.0800	0043.0	042.0	29.40	
000.0	050.0000	0147.4	064.7	270.8	000.0800	0043.0	040.9	29.78	
001.0	050.0000	0147.7	064.7	270.9	000.0800	0043.0	039.8	30.17	
002.0	050.0000	0148.9	064.9	271.1	000.0800	0043.1	038.7	30.59	
003.0	050.0000	0149.1	064.9	271.1	000.0800	0043.0	037.5	31.00	
004.0	050.0000	0149.5	065.0	271.1	000.0800	0043.0	036.4	31.42	
005.0	050.0000	0149.5	065.0	271.0	000.0800	0043.0	035.3	31.85	
006.0	050.0000	0149.0	064.9	270.7	000.0800	0042.9	034.2	32.28	
007.0	050.0000	0148.2	064.8	270.3	000.0800	0042.8	033.0	32.70	
008.0	050.0000	0146.9	064.6	269.7	000.0800	0042.8	031.9	33.15	
009.0	050.0000	0145.4	064.4	269.0	000.0800	0042.4	030.9	33.56	
010.0	050.0000	0143.9	064.2	268.2	000.0800	0042.7	029.8	34.14	
011.0	050.0000	0142.9	064.1	267.4	000.0800	0043.2	028.8	34.81	
012.0	050.0000	0141.2	063.8	266.4	000.0800	0042.9	027.7	35.34	
013.0	050.0000	0140.5	063.7	265.5	000.0800	0042.5	026.7	35.91	
014.0	050.0000	0140.5	063.7	264.7	000.0800	0041.9	025.7	36.48	
015.0	050.0000	0140.9	063.8	264.0	000.0800	0041.8	024.6	37.18	

MUNN-REESE, INC.

Broadcast Engineering Consultants

COLDWATER, MI 49036

Exhibit 13.6

Contour Protection Studies Toward WNWN-FM - Coldwater, MI

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
016.0	050.0000	0140.8	063.8	262.9	000.0800	0041.8	023.6	37.90
017.0	050.0000	0140.8	063.8	261.8	000.0800	0041.7	022.6	38.64
018.0	050.0000	0139.8	063.6	260.1	000.0800	0041.3	021.6	39.27
019.0	050.0000	0138.6	063.5	258.3	000.0800	0042.2	020.8	40.15
020.0	050.0000	0138.8	063.5	256.7	000.0800	0041.4	019.8	40.75
021.0	050.0000	0138.7	063.5	254.8	000.0800	0040.8	018.9	41.36
022.0	050.0000	0138.7	063.5	252.7	000.0800	0040.9	018.0	42.10
023.0	050.0000	0138.8	063.5	250.3	000.0800	0041.1	017.2	42.86
024.0	050.0000	0139.0	063.5	247.8	000.0800	0039.0	016.4	43.06
025.0	050.0000	0139.9	063.6	245.1	000.0800	0038.2	015.6	43.59
026.0	050.0000	0141.1	063.8	242.2	000.0800	0038.2	014.8	44.27
027.0	050.0000	0142.1	064.0	238.8	000.0800	0038.7	014.0	45.27
028.0	050.0000	0142.9	064.1	235.0	000.0800	0040.7	013.4	46.58
029.0	050.0000	0144.2	064.3	230.9	000.0800	0041.8	012.7	47.71
030.0	050.0000	0144.3	064.3	226.1	000.0800	0039.5	012.4	47.74
031.0	050.0000	0144.0	064.2	220.9	000.0800	0037.2	012.2	47.52
032.0	050.0000	0142.7	064.0	215.6	000.0800	0031.7	012.2	46.11
033.0	050.0000	0141.9	063.9	210.4	000.0800	0030.3	012.3	45.60
034.0	050.0000	0141.6	063.9	205.3	000.0800	0032.9	012.5	46.02
035.0	050.0000	0142.0	063.9	200.3	000.0800	0033.0	012.7	45.78
036.0	050.0000	0142.3	064.0	195.4	000.0800	0030.5	012.9	44.77
037.0	050.0000	0142.3	064.0	191.0	000.0800	0028.6	013.4	44.02
038.0	050.0000	0142.0	063.9	187.0	000.0800	0026.0	014.0	43.26
039.0	050.0000	0141.9	063.9	183.3	000.0800	0028.0	014.6	42.50
040.0	050.0000	0141.4	063.9	180.1	000.0800	0027.9	015.3	41.76
041.0	050.0000	0140.7	063.8	177.3	000.0800	0029.3	016.2	41.05
042.0	050.0000	0140.5	063.7	174.7	000.0800	0027.9	017.0	40.37
043.0	050.0000	0140.2	063.7	172.4	000.0800	0026.8	017.8	39.65
044.0	050.0000	0139.0	063.5	170.7	000.0800	0026.2	018.8	38.83
045.0	050.0000	0137.6	063.3	169.3	000.0800	0026.7	019.8	38.01
046.0	050.0000	0136.3	063.1	168.1	000.0800	0027.5	020.9	37.20
047.0	050.0000	0136.0	063.1	166.7	000.0800	0027.4	021.8	36.46
048.0	050.0000	0136.7	063.2	165.1	000.0800	0028.7	022.8	35.77
049.0	050.0000	0137.7	063.3	163.6	000.0800	0029.8	023.7	35.11
050.0	050.0000	0137.1	063.2	162.8	000.0800	0031.1	024.7	34.65
051.0	050.0000	0137.1	063.2	161.8	000.0800	0031.2	025.7	34.00
052.0	050.0000	0137.3	063.3	161.0	000.0800	0030.9	026.8	33.27
053.0	050.0000	0137.8	063.3	160.1	000.0800	0030.4	027.8	32.54
054.0	050.0000	0138.5	063.4	159.3	000.0800	0029.7	028.8	31.87
055.0	050.0000	0138.5	063.4	158.7	000.0800	0029.6	029.9	31.33
056.0	050.0000	0138.4	063.4	158.3	000.0800	0029.5	031.0	30.82
057.0	050.0000	0138.7	063.5	157.8	000.0800	0029.4	032.1	30.37
058.0	050.0000	0138.8	063.5	157.5	000.0800	0029.2	033.2	29.95
059.0	050.0000	0138.9	063.5	157.2	000.0800	0029.1	034.2	29.54
060.0	050.0000	0138.9	063.5	156.9	000.0800	0029.2	035.3	29.14