

Exhibit 13.1 - Copy of Existing Antenna Structure Registration



Registration Detail

| | | | |
|----------------|------------------|-------------|-------------|
| Reg Number | 1043012 | Status | Constructed |
| File Number | A0659219 | Constructed | 08/10/2009 |
| FAA Study | 2009-ASO-3037-OE | EMI | No |
| FAA Issue Date | 06/29/2009 | NEPA | No |

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Communications Purposes

Location (in NAD83 Coordinates)

Lat/Long 35-27-51.6 N 084-35-59.8 W 2110 Oxnard Rd. (Athens #10502)
City, State Athens , TN
Center of
AM Array

Heights (meters)

| | |
|--|---|
| Elevation of Site Above Mean Sea Level | Overall Height Above Ground (AGL) |
| 334.4 | 106.4 |
| Overall Height Above Mean Sea Level | Overall Height Above Ground w/o Appurtenances |
| 440.8 | 104.5 |

Painting and Lighting Specifications

FAA Chapters 4, 6, 13
Paint and Light in Accordance with FAA Circular Number 70/7460-1H

Owner & Contact Information

| | | | |
|--------------|------------|-------------|-----------|
| FRN | 0009764150 | Licensee ID | L00759842 |
| Assignor FRN | 0016006256 | Assignor ID | L01237409 |

Owner

Global Tower, LLC
Attention To: FCC Contact
750 Park of Commerce Blvd, Ste. 300
Boca Raton , FL 33487

P: (561)995-0320
E: fcc-contact@gtpsites.com

Contact

P:
E:

Last Action Status

| | | | |
|---------|--------------|----------|------------|
| Status | Constructed | Received | 12/09/2009 |
| Purpose | Change Owner | Entered | 12/09/2009 |
| Mode | Interactive | | |

Related Applications

Exhibit 13.2

Vertical Plan of Antenna System

The site is located at 2110 Oxnard Road,
The City of Athens, McMinn County, Tennessee.

Site Location (NAD 27)

NL: 35° 27' 51"

WL: 84° 36' 00"

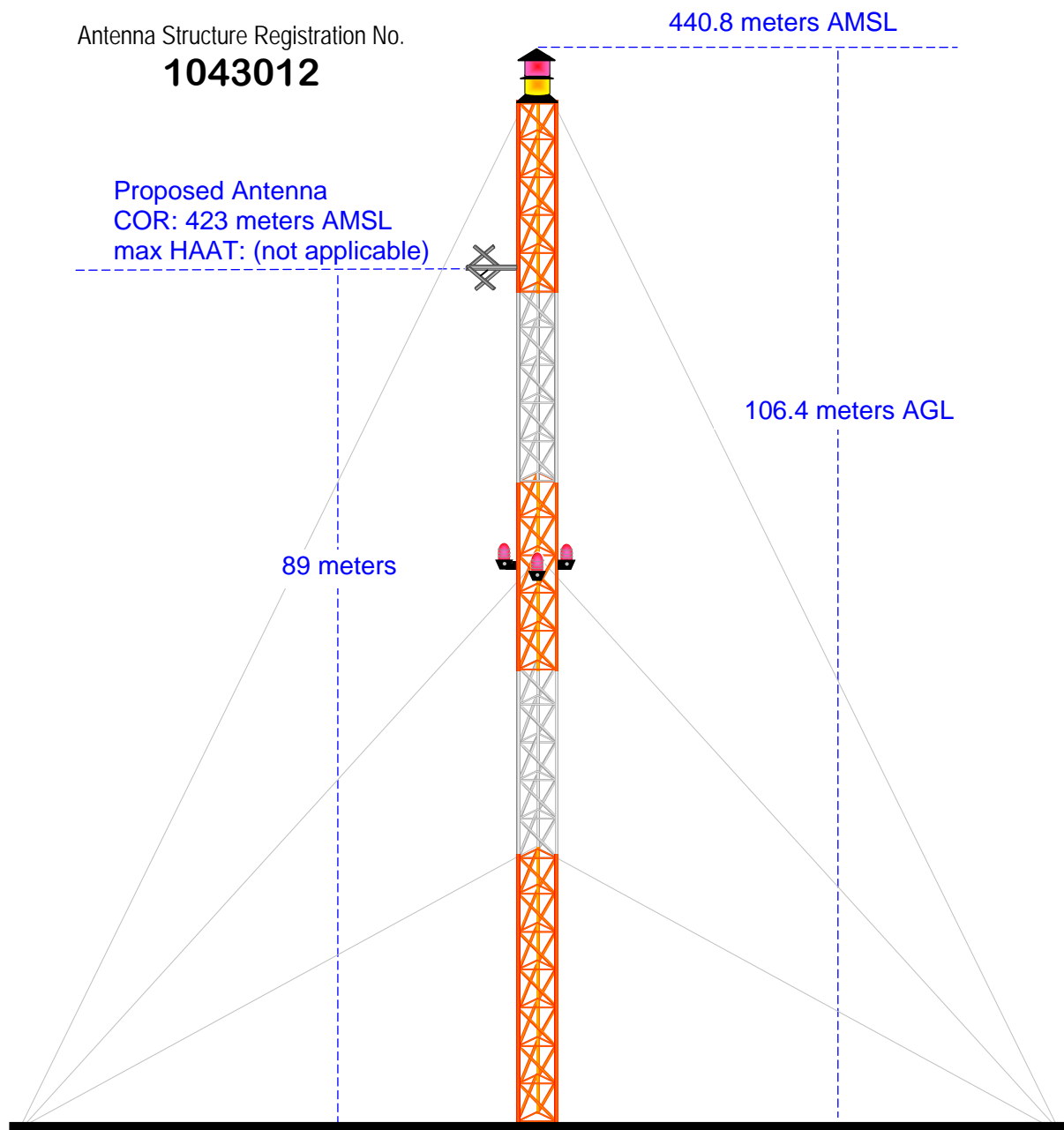
(35-27-51.6NL; 84-35-59.8WL NAD1983)

NOTE: Existing Tower Construction

Antenna Structure Registration No.

1043012

Proposed Antenna
COR: 423 meters AMSL
max HAAT: (not applicable)



Ground Elevation = 334.4 m AMSL

Drawing is not to Scale

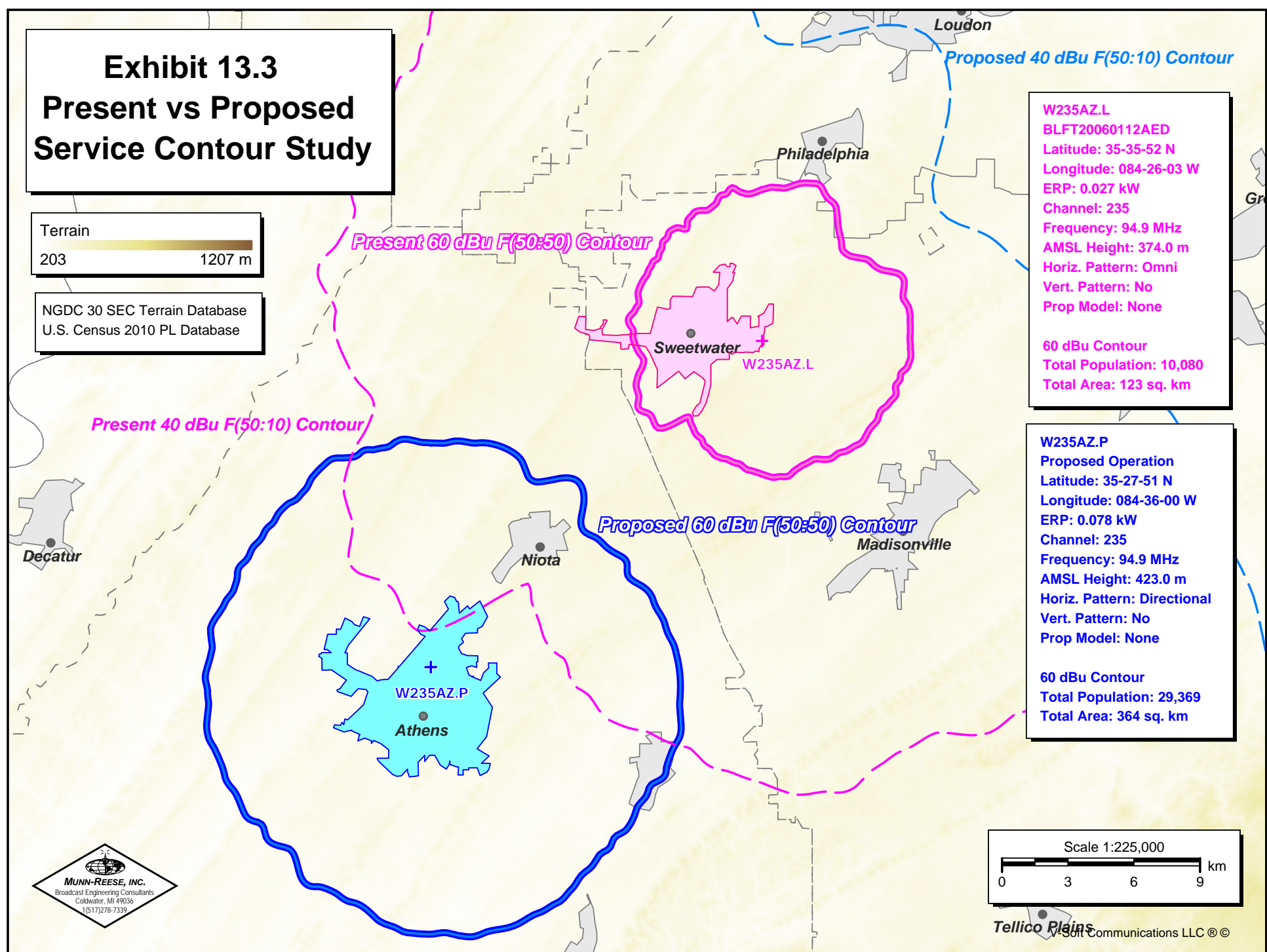
MUNN-REESE, INC.

Broadcast Engineering Consultants
Coldwater, MI 49036

Exhibit 13.3 Present vs Proposed Service Contour Study

Terrain
203 ————— 1207 m

NGDC 30 SEC Terrain Database
U.S. Census 2010 PL Database



W235AZ.L
BLFT20060112AED
Latitude: 35-35-52 N
Longitude: 084-26-03 W
ERP: 0.027 kW
Channel: 235
Frequency: 94.9 MHz
AMSL Height: 374.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

60 dBu Contour
Total Population: 10,080
Total Area: 123 sq. km

W235AZ.P
Proposed Operation
Latitude: 35-27-51 N
Longitude: 084-36-00 W
ERP: 0.078 kW
Channel: 235
Frequency: 94.9 MHz
AMSL Height: 423.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

60 dBu Contour
Total Population: 29,369
Total Area: 364 sq. km

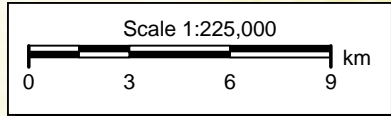


Exhibit 13.4 Proposed vs Primary Service Contour Study

NGDC 30 SEC Terrain Database
U.S. Census 2010 PL Database

W235AZ.P
Proposed Operation
Latitude: 35-27-51 N
Longitude: 084-36-00 W
ERP: 0.078 kW
Channel: 235
Frequency: 94.9 MHz
AMSL Height: 423.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

W235AZ.L
BLFT20060112AED
Latitude: 35-35-52 N
Longitude: 084-26-03 W
ERP: 0.027 kW
Channel: 235
Frequency: 94.9 MHz
AMSL Height: 374.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

Chattanooga, TN/GA
Arbitron Market

Knoxville, TN
Arbitron Market

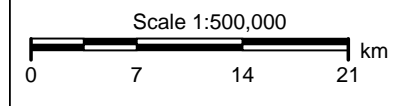
Daytime 2 mV/m Contour

Proposed 60 dBu F(50:50) Contour

Present 60 dBu F(50:50) Contour

25 mile AM Site Radius

Call: WLAR(AM)
FAC ID: 29953
Freq: 1450 kHz
ATHENS, TN, US
Hours: U
Lat: 35-26-44 N
Lng: 084-36-43 W
Power: 1.0 kW
Theo RMS: 305.78 mV/m
@ 1km @ 1kW



V-Soft Communications LLC ©



Exhibit 13.5

Tabulation of Proposed Translator Allocation

| | | | | | | | | | | | |
|--|---------|--------------------------------------|------|---|-----------------|------------|---------|---------|----------------------------|--------------------|--------|
| Charles H. Lynn | | | | | | | | | | | |
| REFERENCE | | CH# | 235D | - 94.9 MHz, Pwr= 0.078 kW DA, HAAT= 141.7 M, COR= 423 M | | | | | DISPLAY DATES | | |
| 35 27 51.0 N. | | Average Protected F(50-50)= 11.48 km | | | | | DATA | | | 10-03-11 | |
| 84 36 00.0 W. | | Standard Directional | | | | | SEARCH | | | 10-03-11 | |
| CH | CALL | TYPE | ANT | AZI | DIST | LAT | PWR(kw) | INT(km) | PRO(km) | *IN* | *OUT* |
| CITY | | STATE | | <-- | FILE # | LNG | HAAT(M) | COR(M) | LICENSEE | (Overlap | in km) |
| 235C0 | WAEZ | LIC | DEX | 67.9 | 185.5 | 36 04 34.0 | 100.000 | 193.6 | 89.4 | -18.5* | 61.6 |
| Greeneville | | TN | | 249.0 | BMLH20010504AAT | 82 41 28.0 | 332 | 1042 | Bristol | Broadcasting Compa | |
| 235D | W235AZ | LIC | C | 45.2 | 21.1 | 35 35 52.0 | 0.027 | 16.2 | 5.0 | -4.7 | -16.1 |
| Sweetwater | | TN | | 225.3 | BLFT20060112AED | 84 26 03.0 | 73 | 374 | Charles H. Lynn | | |
| 234C0 | WGSQ | LIC | _CN | 319.9 | 103.5 | 36 10 26.0 | 100.000 | 104.8 | 72.2 | -11.1* | 17.7 |
| Cookeville | | TN | | 139.4 | BLH19900329KA | 85 20 37.0 | 402 | 822 | Cookeville Communications, | | |
| 235D | W235AO | LIC | _C | 215.6 | 41.6 | 35 09 36.0 | 0.010 | 14.6 | 4.7 | 16.4 | 1.4 |
| Cleveland | | TN | | 35.5 | BLFT20070604AAU | 84 51 59.0 | 66 | 324 | Edgewater Broadcasting, In | | |
| 235C1 | WUBL | LIC | _C | 172.6 | 185.3 | 33 48 27.0 | 100.000 | 170.5 | 71.2 | 2.8 | 73.5 |
| Atlanta | | GA | | 352.7 | BLH20000413ABM | 84 20 27.0 | 298 | 581 | Citicasters Licenses, Inc. | | |
| 235D | W235AO | CP | DV_ | 227.9 | 50.2 | 35 09 39.0 | 0.050 | 28.3 | 8.5 | 11.3 | 6.4 |
| Cleveland | | TN | | 47.6 | BPFT20100114AAT | 85 00 34.0 | 148 | 404 | Edgewater Broadcasting, In | | |
| 236L1 | WTRL-LP | LIC | ___ | 68.8 | 33.3 | 35 34 19.0 | 0.024 | 6.0 | 4.2 | 17.1 | 14.7 |
| Vonore | | TN | | 249.0 | BLL20070625ABM | 84 15 23.0 | 59 | 335 | Talk Of Your Life Radio Of | | |
| 237C3 | WPLZ | LIC | NCX | 241.0 | 76.4 | 35 07 45.0 | 3.400 | 3.6 | 46.6 | 62.1 | 29.2 |
| Ooltewah | | TN | | 60.6 | BLH20090731AEV | 85 20 02.0 | 275 | 649 | J. L. Brewer Broadcasting | | |
| 236A | WACF | LIC | NCX | 133.1 | 85.0 | 34 56 26.0 | 0.200 | 44.3 | 28.5 | 29.2 | 39.9 |
| Young Harris | | GA | | 313.4 | BLH20070830ADE | 83 55 08.0 | 483 | 1123 | wolf Creek Broadcasting, I | | |
| 232A | WJTT | LIC | _CN | 239.2 | 73.2 | 35 07 33.0 | 4.700 | 3.6 | 40.3 | 58.9 | 32.3 |
| Red Bank | | TN | | 58.8 | BLH19980814KD | 85 17 25.0 | 113 | 460 | Brewer Broadcasting Of Cha | | |
| 232A | WNFZ | LIC | _CX | 40.5 | 73.6 | 35 57 58.0 | 2.950 | 2.6 | 29.0 | 60.4 | 44.0 |
| Powell | | TN | | 220.9 | BLH20091125ADM | 84 04 06.0 | 144 | 441 | John W. Pirkle | | |
| 234D | W234AG | LIC | _CN | 187.6 | 79.9 | 34 45 06.0 | 0.010 | 18.5 | 12.2 | 49.5 | 50.1 |
| Chatsworth | | GA | | 7.5 | BLFT19961107TG | 84 42 54.0 | 494 | 865 | Immanuel Broadcasting Netw | | |
| Translator For WCCV, Cartersville, GA From Channel 233 | | | | | | | | | | | |
| 234L1 | WAAK-LP | CP | _H_ | 216.9 | 75.7 | 34 55 08.0 | 0.005 | 7.4 | 5.3 | 57.8 | 55.7 |
| Boynton | | GA | | 36.6 | BPL20110908ABZ | 85 05 55.0 | 134 | 396 | Boynton Educational Radio, | | |
| 237A | WYFC | LIC | _CN | 37.5 | 85.4 | 36 04 21.0 | 1.450 | 2.3 | 28.8 | 72.4 | 56.0 |
| Clinton | | TN | | 217.8 | BLED19980428KE | 84 01 18.0 | 204 | 527 | Bible Broadcasting Network | | |
| Commercial channel operating educational | | | | | | | | | | | |
| 234L1 | WAAK-LP | LIC | ___ | 218.2 | 80.1 | 34 53 49.0 | 0.049 | 6.7 | 4.7 | 63.0 | 60.7 |
| Boynton | | GA | | 37.9 | BLL20050201BIT | 85 08 38.0 | 43 | 300 | Boynton Educational Radio, | | |

Terrain database is NGDC 30 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.
 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.

Blue Highlighted Text denotes Received Interference allowable under the provisions §74.1201 to 74.1290.

Yellow Highlighted Text denotes the Mutually Exclusive W235AZ - Sweetwater, TN facility to be modified by the proposal. The facility need not be protected.

Green Highlighted Text denotes supplemental contour protection studies toward W235AO - Cleveland, TN as included in **Exhibit 13.6**.

Exhibit 13.6

Contour Protection Studies Toward W235AO - Cleveland, TN

Charles H. Lynn

FMCommander Single Allocation Study - 10-03-2011 - NGDC 30 SEC

W235AZ.P's Overlaps (In= 16.37 km, Out= 1.37 km)

W235AZ.P CH 235 D DA

Lat= 35 27 51.0, Lng= 84 36 00.0

0.078 kW 141.7 M HAAT, 423 M COR

Prot.= 60 dBu, Intef.= 40 dBu

W235AO CH 235 D BLFT20070604AAU

Lat= 35 09 36.0, Lng= 84 51 59.0

0.01 kW 65.5 M HAAT, 324 M COR

Prot.= 60 dBu, Intef.= 40 dBu

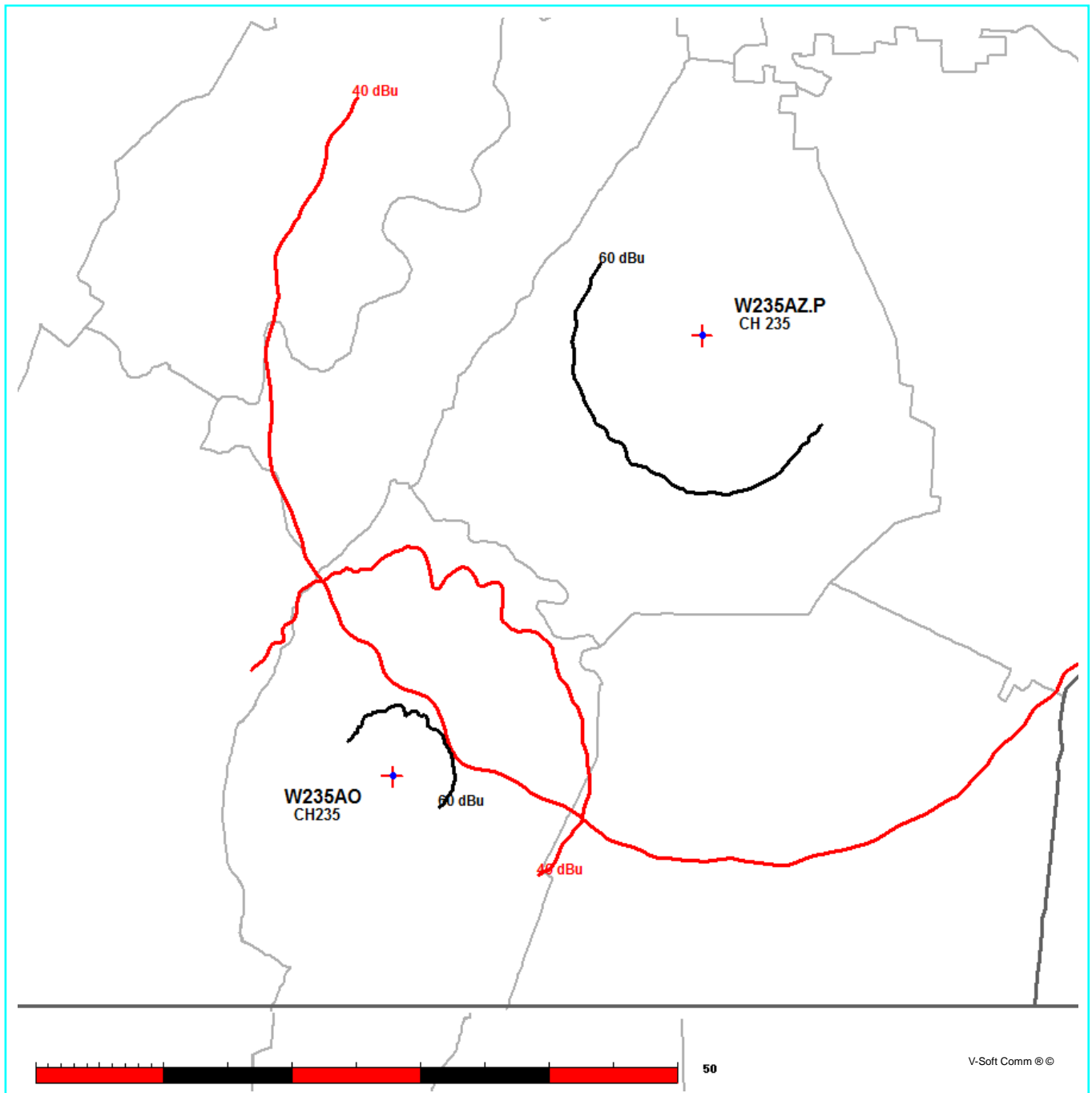


Exhibit 13.6

Contour Protection Studies Toward W235AO - Cleveland, TN

10-03-2011

Terrain Data: NGDC 30 SEC

FMOver Analysis

W235AZ.P

W235AO BLFT20070604AAU

Channel = 235D
Max ERP = 0.078 kW
RCAMSL = 423 M
N. Lat. 35 27 51.0
W. Lng. 84 36 00.0
Protected
60 dBu

Channel = 235D
Max ERP = 0.0095 kW
RCAMSL = 324 M
N. Lat. 35 09 36.0
W. Lng. 84 51 59.0
Interfering
40 dBu

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) | IX (km) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|------------|
| 175.0 | 000.0745 | 0161.5 | 012.2 | 049.3 | 000.0095 | 0074.3 | 033.3 | 27.91 | |
| 176.0 | 000.0741 | 0160.3 | 012.1 | 049.0 | 000.0095 | 0074.3 | 033.1 | 27.97 | |
| 177.0 | 000.0736 | 0159.5 | 012.1 | 048.7 | 000.0095 | 0074.2 | 033.0 | 28.02 | |
| 178.0 | 000.0731 | 0160.4 | 012.1 | 048.5 | 000.0095 | 0074.2 | 032.8 | 28.09 | |
| 179.0 | 000.0727 | 0161.5 | 012.1 | 048.3 | 000.0095 | 0074.1 | 032.6 | 28.17 | |
| 180.0 | 000.0722 | 0162.5 | 012.1 | 048.1 | 000.0095 | 0074.1 | 032.5 | 28.24 | |
| 181.0 | 000.0716 | 0163.0 | 012.1 | 047.8 | 000.0095 | 0074.1 | 032.3 | 28.31 | |
| 182.0 | 000.0710 | 0163.5 | 012.1 | 047.6 | 000.0095 | 0074.0 | 032.2 | 28.37 | |
| 183.0 | 000.0704 | 0164.0 | 012.1 | 047.3 | 000.0095 | 0074.0 | 032.0 | 28.44 | |
| 184.0 | 000.0699 | 0164.3 | 012.1 | 047.0 | 000.0095 | 0073.9 | 031.9 | 28.49 | |
| 185.0 | 000.0693 | 0164.9 | 012.1 | 046.7 | 000.0095 | 0073.8 | 031.7 | 28.54 | |
| 186.0 | 000.0687 | 0164.7 | 012.1 | 046.4 | 000.0095 | 0073.6 | 031.6 | 28.58 | |
| 187.0 | 000.0681 | 0163.1 | 012.0 | 046.0 | 000.0095 | 0073.4 | 031.6 | 28.58 | |
| 188.0 | 000.0676 | 0161.9 | 011.9 | 045.6 | 000.0095 | 0073.1 | 031.5 | 28.58 | |
| 189.0 | 000.0670 | 0161.7 | 011.9 | 045.3 | 000.0095 | 0072.7 | 031.4 | 28.58 | |
| 190.0 | 000.0665 | 0161.5 | 011.9 | 044.9 | 000.0095 | 0072.3 | 031.3 | 28.59 | |
| 191.0 | 000.0657 | 0160.8 | 011.8 | 044.6 | 000.0095 | 0071.8 | 031.2 | 28.57 | |
| 192.0 | 000.0650 | 0159.4 | 011.7 | 044.2 | 000.0095 | 0071.2 | 031.2 | 28.51 | |
| 193.0 | 000.0643 | 0157.1 | 011.6 | 043.7 | 000.0095 | 0070.5 | 031.2 | 28.43 | |
| 194.0 | 000.0636 | 0154.9 | 011.5 | 043.3 | 000.0095 | 0069.8 | 031.2 | 28.34 | |
| 195.0 | 000.0629 | 0153.2 | 011.4 | 042.9 | 000.0095 | 0069.2 | 031.2 | 28.27 | |
| 196.0 | 000.0622 | 0152.2 | 011.3 | 042.5 | 000.0095 | 0068.5 | 031.1 | 28.20 | |
| 197.0 | 000.0615 | 0151.9 | 011.3 | 042.2 | 000.0095 | 0068.0 | 031.1 | 28.16 | |
| 198.0 | 000.0608 | 0152.6 | 011.3 | 041.8 | 000.0095 | 0067.5 | 031.0 | 28.14 | |
| 199.0 | 000.0601 | 0153.9 | 011.3 | 041.5 | 000.0095 | 0067.1 | 030.9 | 28.13 | |
| 200.0 | 000.0594 | 0154.6 | 011.3 | 041.2 | 000.0095 | 0066.7 | 030.9 | 28.12 | |
| 201.0 | 000.0589 | 0154.2 | 011.2 | 040.8 | 000.0095 | 0066.2 | 030.8 | 28.08 | |
| 202.0 | 000.0583 | 0153.3 | 011.2 | 040.4 | 000.0095 | 0065.9 | 030.8 | 28.04 | |
| 203.0 | 000.0578 | 0152.9 | 011.1 | 040.1 | 000.0095 | 0065.6 | 030.8 | 28.02 | |
| 204.0 | 000.0572 | 0153.4 | 011.1 | 039.7 | 000.0095 | 0065.5 | 030.7 | 28.02 | |
| 205.0 | 000.0567 | 0154.2 | 011.1 | 039.4 | 000.0095 | 0065.4 | 030.7 | 28.05 | |
| 206.0 | 000.0561 | 0155.2 | 011.1 | 039.0 | 000.0095 | 0065.4 | 030.6 | 28.08 | |

Exhibit 13.6

Contour Protection Studies Toward W235AO - Cleveland, TN

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 207.0 | 000.0556 | 0157.4 | 011.2 | 038.7 | 000.0095 | 0065.5 | 030.5 | 28.14 |
| 208.0 | 000.0551 | 0160.6 | 011.3 | 038.4 | 000.0095 | 0065.6 | 030.4 | 28.22 |
| 209.0 | 000.0545 | 0163.2 | 011.4 | 038.0 | 000.0095 | 0065.7 | 030.3 | 28.29 |
| 210.0 | 000.0540 | 0163.8 | 011.4 | 037.6 | 000.0095 | 0065.8 | 030.3 | 28.31 |
| 211.0 | 000.0535 | 0162.5 | 011.3 | 037.3 | 000.0095 | 0065.7 | 030.3 | 28.28 |
| 212.0 | 000.0530 | 0159.8 | 011.2 | 036.9 | 000.0095 | 0065.6 | 030.4 | 28.21 |
| 213.0 | 000.0524 | 0156.2 | 011.0 | 036.5 | 000.0095 | 0065.6 | 030.6 | 28.12 |
| 214.0 | 000.0519 | 0152.4 | 010.8 | 036.1 | 000.0095 | 0065.7 | 030.7 | 28.05 |
| 215.0 | 000.0514 | 0149.1 | 010.7 | 035.7 | 000.0095 | 0065.9 | 030.9 | 28.00 |
| 216.0 | 000.0509 | 0146.6 | 010.5 | 035.4 | 000.0095 | 0066.2 | 031.0 | 27.98 |
| 217.0 | 000.0504 | 0145.3 | 010.5 | 035.1 | 000.0095 | 0066.7 | 031.1 | 28.00 |
| 218.0 | 000.0499 | 0145.9 | 010.5 | 034.7 | 000.0095 | 0067.4 | 031.1 | 28.08 |
| 219.0 | 000.0494 | 0148.3 | 010.5 | 034.4 | 000.0095 | 0068.3 | 031.1 | 28.22 |
| 220.0 | 000.0489 | 0151.3 | 010.6 | 034.0 | 000.0095 | 0069.4 | 031.0 | 28.39 |
| 221.0 | 000.0486 | 0154.1 | 010.7 | 033.7 | 000.0095 | 0070.6 | 030.9 | 28.57 |
| 222.0 | 000.0482 | 0156.1 | 010.8 | 033.3 | 000.0095 | 0072.0 | 030.9 | 28.75 |
| 223.0 | 000.0478 | 0157.1 | 010.8 | 033.0 | 000.0095 | 0073.3 | 030.9 | 28.90 |
| 224.0 | 000.0475 | 0156.5 | 010.7 | 032.6 | 000.0095 | 0074.6 | 031.0 | 29.01 |
| 225.0 | 000.0471 | 0154.3 | 010.6 | 032.3 | 000.0095 | 0075.8 | 031.1 | 29.08 |
| 226.0 | 000.0467 | 0151.9 | 010.5 | 032.1 | 000.0095 | 0076.8 | 031.3 | 29.12 |
| 227.0 | 000.0464 | 0151.2 | 010.5 | 031.8 | 000.0095 | 0077.9 | 031.4 | 29.20 |
| 228.0 | 000.0460 | 0153.3 | 010.5 | 031.4 | 000.0095 | 0079.1 | 031.4 | 29.35 |
| 229.0 | 000.0456 | 0157.2 | 010.7 | 031.0 | 000.0095 | 0080.3 | 031.3 | 29.51 |
| 230.0 | 000.0453 | 0160.1 | 010.8 | 030.6 | 000.0095 | 0081.2 | 031.3 | 29.62 |
| 231.0 | 000.0449 | 0161.3 | 010.8 | 030.3 | 000.0095 | 0081.9 | 031.3 | 29.68 |
| 232.0 | 000.0446 | 0161.3 | 010.8 | 030.0 | 000.0095 | 0082.4 | 031.4 | 29.68 |
| 233.0 | 000.0442 | 0160.4 | 010.7 | 029.7 | 000.0095 | 0082.7 | 031.5 | 29.66 |
| 234.0 | 000.0439 | 0159.6 | 010.7 | 029.4 | 000.0095 | 0082.8 | 031.6 | 29.61 |
| 235.0 | 000.0435 | 0159.0 | 010.6 | 029.2 | 000.0095 | 0082.8 | 031.8 | 29.56 |
| 236.0 | 000.0432 | 0158.5 | 010.6 | 028.9 | 000.0095 | 0082.8 | 031.9 | 29.50 |
| 237.0 | 000.0428 | 0158.5 | 010.6 | 028.6 | 000.0095 | 0082.6 | 032.0 | 29.43 |
| 238.0 | 000.0425 | 0159.1 | 010.6 | 028.3 | 000.0095 | 0082.3 | 032.1 | 29.35 |
| 239.0 | 000.0421 | 0160.7 | 010.6 | 028.0 | 000.0095 | 0081.7 | 032.1 | 29.26 |
| 240.0 | 000.0418 | 0162.1 | 010.6 | 027.7 | 000.0095 | 0081.1 | 032.2 | 29.16 |
| 241.0 | 000.0415 | 0162.5 | 010.6 | 027.4 | 000.0095 | 0080.4 | 032.3 | 29.04 |
| 242.0 | 000.0413 | 0161.9 | 010.6 | 027.2 | 000.0095 | 0079.8 | 032.4 | 28.91 |
| 243.0 | 000.0410 | 0160.9 | 010.5 | 027.0 | 000.0095 | 0079.2 | 032.6 | 28.77 |
| 244.0 | 000.0408 | 0160.4 | 010.5 | 026.8 | 000.0095 | 0078.5 | 032.7 | 28.63 |
| 245.0 | 000.0405 | 0160.5 | 010.5 | 026.5 | 000.0095 | 0077.8 | 032.8 | 28.50 |
| 246.0 | 000.0403 | 0160.6 | 010.5 | 026.3 | 000.0095 | 0077.2 | 033.0 | 28.37 |
| 247.0 | 000.0401 | 0161.0 | 010.5 | 026.0 | 000.0095 | 0076.6 | 033.1 | 28.25 |
| 248.0 | 000.0398 | 0161.7 | 010.5 | 025.8 | 000.0095 | 0076.1 | 033.2 | 28.15 |
| 249.0 | 000.0396 | 0162.4 | 010.5 | 025.6 | 000.0095 | 0075.8 | 033.3 | 28.05 |
| 250.0 | 000.0393 | 0163.7 | 010.5 | 025.3 | 000.0095 | 0075.6 | 033.4 | 27.98 |

Exhibit 13.6

Contour Protection Studies Toward W235AO - Cleveland, TN

10-03-2011

Terrain Data: NGDC 30 SEC

FMOver Analysis

W235AO BLFT20070604AAU

W235AZ.P

Channel = 235D

Max ERP = 0.0095 kW

RCAMSL = 324 M

N. Lat. 35 09 36.0

W. Lng. 84 51 59.0

Protected

60 dBu

Channel = 235D

Max ERP = 0.078 kW

RCAMSL = 423 M

N. Lat. 35 27 51.0

W. Lng. 84 36 00.0

Interfering

40 dBu

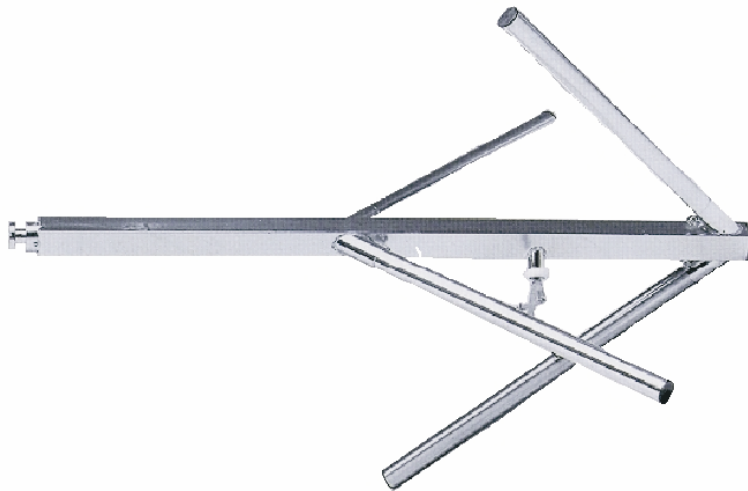
| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) | IX (km) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|------------|
| 350.0 | 000.0095 | 0074.4 | 005.0 | 220.9 | 000.0486 | 0153.9 | 038.2 | 38.82 | |
| 351.0 | 000.0095 | 0075.3 | 005.0 | 220.9 | 000.0486 | 0153.8 | 038.2 | 38.86 | |
| 352.0 | 000.0095 | 0075.0 | 005.0 | 220.8 | 000.0486 | 0153.5 | 038.1 | 38.88 | |
| 353.0 | 000.0095 | 0074.6 | 005.0 | 220.7 | 000.0487 | 0153.3 | 038.0 | 38.89 | |
| 354.0 | 000.0095 | 0074.6 | 005.0 | 220.6 | 000.0487 | 0153.0 | 038.0 | 38.91 | |
| 355.0 | 000.0095 | 0076.7 | 005.0 | 220.6 | 000.0487 | 0153.0 | 037.9 | 38.96 | |
| 356.0 | 000.0095 | 0078.8 | 005.1 | 220.6 | 000.0487 | 0152.9 | 037.8 | 39.02 | |
| 357.0 | 000.0095 | 0080.8 | 005.2 | 220.5 | 000.0487 | 0152.9 | 037.7 | 39.07 | |
| 358.0 | 000.0095 | 0081.9 | 005.2 | 220.5 | 000.0488 | 0152.7 | 037.6 | 39.10 | |
| 359.0 | 000.0095 | 0083.1 | 005.2 | 220.4 | 000.0488 | 0152.5 | 037.5 | 39.14 | |
| 000.0 | 000.0095 | 0084.2 | 005.3 | 220.3 | 000.0488 | 0152.3 | 037.4 | 39.17 | |
| 001.0 | 000.0095 | 0085.1 | 005.3 | 220.3 | 000.0488 | 0152.1 | 037.3 | 39.20 | |
| 002.0 | 000.0095 | 0086.0 | 005.3 | 220.2 | 000.0489 | 0151.8 | 037.2 | 39.23 | |
| 003.0 | 000.0095 | 0087.1 | 005.4 | 220.1 | 000.0489 | 0151.6 | 037.1 | 39.26 | |
| 004.0 | 000.0095 | 0088.0 | 005.4 | 220.0 | 000.0489 | 0151.4 | 037.1 | 39.29 | |
| 005.0 | 000.0095 | 0087.7 | 005.4 | 219.9 | 000.0490 | 0150.9 | 037.0 | 39.29 | |
| 006.0 | 000.0095 | 0088.1 | 005.4 | 219.8 | 000.0490 | 0150.6 | 036.9 | 39.31 | |
| 007.0 | 000.0095 | 0087.3 | 005.4 | 219.6 | 000.0491 | 0150.1 | 036.9 | 39.30 | |
| 008.0 | 000.0095 | 0085.1 | 005.3 | 219.4 | 000.0492 | 0149.6 | 036.9 | 39.27 | |
| 009.0 | 000.0095 | 0082.5 | 005.2 | 219.3 | 000.0493 | 0149.0 | 037.0 | 39.24 | |
| 010.0 | 000.0095 | 0077.7 | 005.1 | 219.0 | 000.0494 | 0148.3 | 037.1 | 39.16 | |
| 011.0 | 000.0095 | 0071.6 | 004.9 | 218.7 | 000.0496 | 0147.5 | 037.2 | 39.06 | |
| 012.0 | 000.0095 | 0067.8 | 004.7 | 218.5 | 000.0497 | 0147.0 | 037.3 | 39.01 | |
| 013.0 | 000.0095 | 0066.4 | 004.7 | 218.4 | 000.0497 | 0146.7 | 037.3 | 38.99 | |
| 014.0 | 000.0095 | 0067.9 | 004.7 | 218.3 | 000.0498 | 0146.5 | 037.2 | 39.02 | |
| 015.0 | 000.0095 | 0071.5 | 004.9 | 218.3 | 000.0498 | 0146.4 | 037.1 | 39.09 | |
| 016.0 | 000.0095 | 0075.2 | 005.0 | 218.2 | 000.0498 | 0146.3 | 036.9 | 39.15 | |
| 017.0 | 000.0095 | 0078.5 | 005.1 | 218.2 | 000.0498 | 0146.1 | 036.8 | 39.22 | |
| 018.0 | 000.0095 | 0081.2 | 005.2 | 218.1 | 000.0499 | 0146.0 | 036.7 | 39.27 | |
| 019.0 | 000.0095 | 0082.7 | 005.2 | 218.0 | 000.0499 | 0145.8 | 036.6 | 39.30 | |
| 020.0 | 000.0095 | 0083.0 | 005.2 | 217.8 | 000.0500 | 0145.6 | 036.5 | 39.31 | |
| 021.0 | 000.0095 | 0082.2 | 005.2 | 217.7 | 000.0501 | 0145.5 | 036.5 | 39.31 | |
| 022.0 | 000.0095 | 0080.9 | 005.2 | 217.5 | 000.0502 | 0145.4 | 036.6 | 39.30 | |

Exhibit 13.6

Contour Protection Studies Toward W235AO - Cleveland, TN

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 023.0 | 000.0095 | 0078.9 | 005.1 | 217.4 | 000.0502 | 0145.3 | 036.6 | 39.28 |
| 024.0 | 000.0095 | 0076.7 | 005.0 | 217.2 | 000.0503 | 0145.3 | 036.6 | 39.26 |
| 025.0 | 000.0095 | 0075.4 | 005.0 | 217.1 | 000.0504 | 0145.3 | 036.7 | 39.26 |
| 026.0 | 000.0095 | 0076.5 | 005.0 | 216.9 | 000.0505 | 0145.3 | 036.6 | 39.30 |
| 027.0 | 000.0095 | 0079.2 | 005.1 | 216.8 | 000.0505 | 0145.4 | 036.5 | 39.36 |
| 028.0 | 000.0095 | 0081.7 | 005.2 | 216.7 | 000.0506 | 0145.5 | 036.4 | 39.41 |
| 029.0 | 000.0095 | 0082.8 | 005.2 | 216.6 | 000.0506 | 0145.7 | 036.4 | 39.45 |
| 030.0 | 000.0095 | 0082.3 | 005.2 | 216.4 | 000.0507 | 0145.8 | 036.4 | 39.47 |
| 031.0 | 000.0095 | 0080.3 | 005.1 | 216.3 | 000.0508 | 0146.1 | 036.4 | 39.46 |
| 032.0 | 000.0095 | 0077.1 | 005.0 | 216.1 | 000.0509 | 0146.4 | 036.5 | 39.43 |
| 033.0 | 000.0095 | 0073.2 | 004.9 | 216.0 | 000.0509 | 0146.6 | 036.7 | 39.39 |
| 034.0 | 000.0095 | 0069.5 | 004.8 | 215.8 | 000.0510 | 0146.9 | 036.8 | 39.36 |
| 035.0 | 000.0095 | 0066.8 | 004.7 | 215.7 | 000.0511 | 0147.2 | 036.9 | 39.33 |
| 036.0 | 000.0095 | 0065.7 | 004.7 | 215.6 | 000.0511 | 0147.5 | 036.9 | 39.34 |
| 037.0 | 000.0095 | 0065.7 | 004.7 | 215.4 | 000.0512 | 0147.8 | 036.9 | 39.36 |
| 038.0 | 000.0095 | 0065.7 | 004.7 | 215.3 | 000.0513 | 0148.2 | 036.9 | 39.38 |
| 039.0 | 000.0095 | 0065.4 | 004.6 | 215.2 | 000.0513 | 0148.5 | 036.9 | 39.40 |
| 040.0 | 000.0095 | 0065.6 | 004.7 | 215.1 | 000.0514 | 0148.9 | 036.9 | 39.43 |
| 041.0 | 000.0095 | 0066.4 | 004.7 | 214.9 | 000.0515 | 0149.3 | 036.9 | 39.47 |
| 042.0 | 000.0095 | 0067.8 | 004.7 | 214.8 | 000.0515 | 0149.7 | 036.9 | 39.51 |
| 043.0 | 000.0095 | 0069.3 | 004.8 | 214.7 | 000.0516 | 0150.1 | 036.8 | 39.56 |
| 044.0 | 000.0095 | 0071.0 | 004.8 | 214.5 | 000.0517 | 0150.6 | 036.8 | 39.62 |
| 045.0 | 000.0095 | 0072.4 | 004.9 | 214.4 | 000.0517 | 0151.1 | 036.8 | 39.66 |
| 046.0 | 000.0095 | 0073.4 | 004.9 | 214.2 | 000.0518 | 0151.6 | 036.7 | 39.70 |
| 047.0 | 000.0095 | 0073.9 | 004.9 | 214.1 | 000.0519 | 0152.1 | 036.7 | 39.74 |
| 048.0 | 000.0095 | 0074.1 | 004.9 | 214.0 | 000.0520 | 0152.6 | 036.8 | 39.76 |
| 049.0 | 000.0095 | 0074.3 | 004.9 | 213.8 | 000.0520 | 0153.1 | 036.8 | 39.79 |
| 050.0 | 000.0095 | 0074.5 | 005.0 | 213.7 | 000.0521 | 0153.6 | 036.8 | 39.81 |
| 051.0 | 000.0095 | 0074.5 | 005.0 | 213.6 | 000.0522 | 0154.0 | 036.8 | 39.83 |
| 052.0 | 000.0095 | 0073.8 | 004.9 | 213.5 | 000.0522 | 0154.5 | 036.9 | 39.84 |
| 053.0 | 000.0095 | 0072.7 | 004.9 | 213.4 | 000.0523 | 0154.9 | 036.9 | 39.83 |
| 054.0 | 000.0095 | 0071.6 | 004.9 | 213.2 | 000.0523 | 0155.3 | 037.0 | 39.83 |
| 055.0 | 000.0095 | 0071.1 | 004.8 | 213.1 | 000.0524 | 0155.7 | 037.0 | 39.83 |
| 056.0 | 000.0095 | 0070.5 | 004.8 | 213.0 | 000.0524 | 0156.1 | 037.1 | 39.84 |
| 057.0 | 000.0095 | 0069.6 | 004.8 | 212.9 | 000.0525 | 0156.5 | 037.1 | 39.83 |
| 058.0 | 000.0095 | 0068.8 | 004.8 | 212.8 | 000.0525 | 0156.9 | 037.2 | 39.83 |
| 059.0 | 000.0095 | 0068.3 | 004.7 | 212.7 | 000.0526 | 0157.3 | 037.3 | 39.83 |
| 060.0 | 000.0095 | 0068.3 | 004.7 | 212.6 | 000.0526 | 0157.7 | 037.3 | 39.84 |
| 061.0 | 000.0095 | 0068.6 | 004.8 | 212.5 | 000.0527 | 0158.1 | 037.3 | 39.85 |
| 062.0 | 000.0095 | 0069.2 | 004.8 | 212.4 | 000.0528 | 0158.6 | 037.3 | 39.87 |
| 063.0 | 000.0095 | 0069.8 | 004.8 | 212.2 | 000.0528 | 0159.0 | 037.4 | 39.88 |
| 064.0 | 000.0095 | 0069.9 | 004.8 | 212.1 | 000.0529 | 0159.4 | 037.4 | 39.89 |
| 065.0 | 000.0095 | 0069.7 | 004.8 | 212.0 | 000.0529 | 0159.8 | 037.5 | 39.89 |

Exhibit 13.7 - Copy of Manufacturer's Directional Antenna Pattern Data (Actual Pattern Rotated to 100.0°T)



NICOM
BKG77

Medium Power

**Broadband
FM Circular
Polarization
Antenna
Antena de
FM Banda Ancha
Polarizacion Circular**

This antenna, constructed completely of stainless steel, offers circular polarization for better coverage especially in urban areas. In order to facilitate and decrease shipping costs, this model is simple to break down and reassemble when ready to be installed. It is insulated with Teflon, and with the appropriate connector has a maximum input of 2 kw.

Esta antena, fabricada completamente de acero inoxidable, le ofrece polarización circular para mejor alcance, especialmente en zonas urbanas. Para facilitar y disminuir los costos de transportación, este modelo es fácil de desarmar y volver a montar tan pronto que la quiera instalar. Está aislada con Teflon, y con el conector apropiado tiene una entrada máxima de 2 kw.



TECHNICAL SPECIFICATIONS

| | | | |
|-----------------|--|-----------------------|--|
| Antenna type | circular polarization dipole | Front-to-back ratio | 3 dB |
| Frequency range | 87.5 - 108 MHz | Lightening protection | all parts grounded |
| Bandwidth | 16 MHz | Max wind velocity | 119 mph (190 km/h) |
| Impedance | 50 ohms | Wind load | 53 Lbs (24 kg) |
| Connectors | N type (1 kw) - 7/8 type (2 kw) | Wind surface | 1.1 ft ² (0.10 m ²) |
| Power rating | 2000 Watts max | Materials (external) | stainless steel |
| VSWR | < 1.3 | Mounting | from 2" to 4" |
| Polarization | vertical and horizontal | Weight | 23.1 Lbs (10.5 kg) |
| Gain | - 3 dBd (referred to half-wave dipole) | Dimensions | 58"×32"×32" (1450×800×800mm) |
| H plane | omnidirectional ±1.5 dB (with a 4" mast) | Packing | 72"×6"×6" (1500×152×152mm) |
| V plane | omnidirectional ±3 dB (with a 4" mast) | | |

Exhibit 13.7 - Copy of Manufacturer's Directional Antenna Pattern Data (Actual Pattern Rotated to 100.0°T)



Tabulation of Horizontal Antenna Pattern

Manufacturer: NicomUSA, Inc. **Frequency:** 87.5 MHz - 108.0 MHz
Make/Model: BKG77/1L-DA **Weight:** 10.5 Kg
Polarization: Circular **Max Power:** 1.0 kW
Inter Bay Spacing: 1.0 λ (Wavelength) **Antenna Gain:** -3.0 dBd

| Horizontal Azimuth | Field (%) | dB | Horizontal Azimuth | Field (%) | dB | Horizontal Azimuth | Field (%) | dB |
|-----------------------|--------------|-------|-----------------------|--------------|-------|-----------------------|--------------|-------|
| 0.0° | 0.982 | -0.08 | 120.0° | 0.792 | -1.01 | 240.0° | 0.802 | -0.96 |
| 10.0° | 0.982 | -0.08 | 130.0° | 0.762 | -1.18 | 250.0° | 0.853 | -0.69 |
| 20.0° | 0.982 | -0.08 | 140.0° | 0.732 | -1.35 | 260.0° | 0.909 | -0.41 |
| 30.0° | 0.988 | -0.05 | 150.0° | 0.710 | -1.49 | 270.0° | 0.953 | -0.21 |
| 40.0° | 0.988 | -0.05 | 160.0° | 0.703 | -1.53 | 280.0° | 0.972 | -0.12 |
| 50.0° | 0.993 | -0.03 | 170.0° | 0.703 | -1.53 | 290.0° | 0.982 | -0.08 |
| 60.0° | 1.000 | 0.00 | 180.0° | 0.703 | -1.53 | 300.0° | 1.000 | 0.00 |
| 70.0° | 0.993 | -0.03 | 190.0° | 0.703 | -1.53 | 310.0° | 0.991 | -0.04 |
| 80.0° | 0.962 | -0.17 | 200.0° | 0.703 | -1.53 | 320.0° | 0.988 | -0.05 |
| 90.0° | 0.923 | -0.35 | 210.0° | 0.711 | -1.48 | 330.0° | 0.988 | -0.05 |
| 100.0° | 0.873 | -0.59 | 220.0° | 0.732 | -1.35 | 340.0° | 0.982 | -0.08 |
| 110.0° | 0.832 | -0.80 | 230.0° | 0.772 | -1.12 | 350.0° | 0.982 | -0.08 |

Exhibit 13.7 - Copy of Manufacturer's Directional Antenna Pattern Data (Actual Pattern Rotated to 100.0°T)



Plot of Horizontal Antenna Pattern

Manufacturer: NicomUSA, Inc.
Make/Model: BKG77/1L-DA
Polarization: Circular
Inter Bay Spacing: 1.0 λ (Wavelength)

Frequency: 87.5 MHz - 108.0 MHz
Weight: 10.5 kg
Max Power: 1.0 kW
Antenna Gain: -3.0 dBd

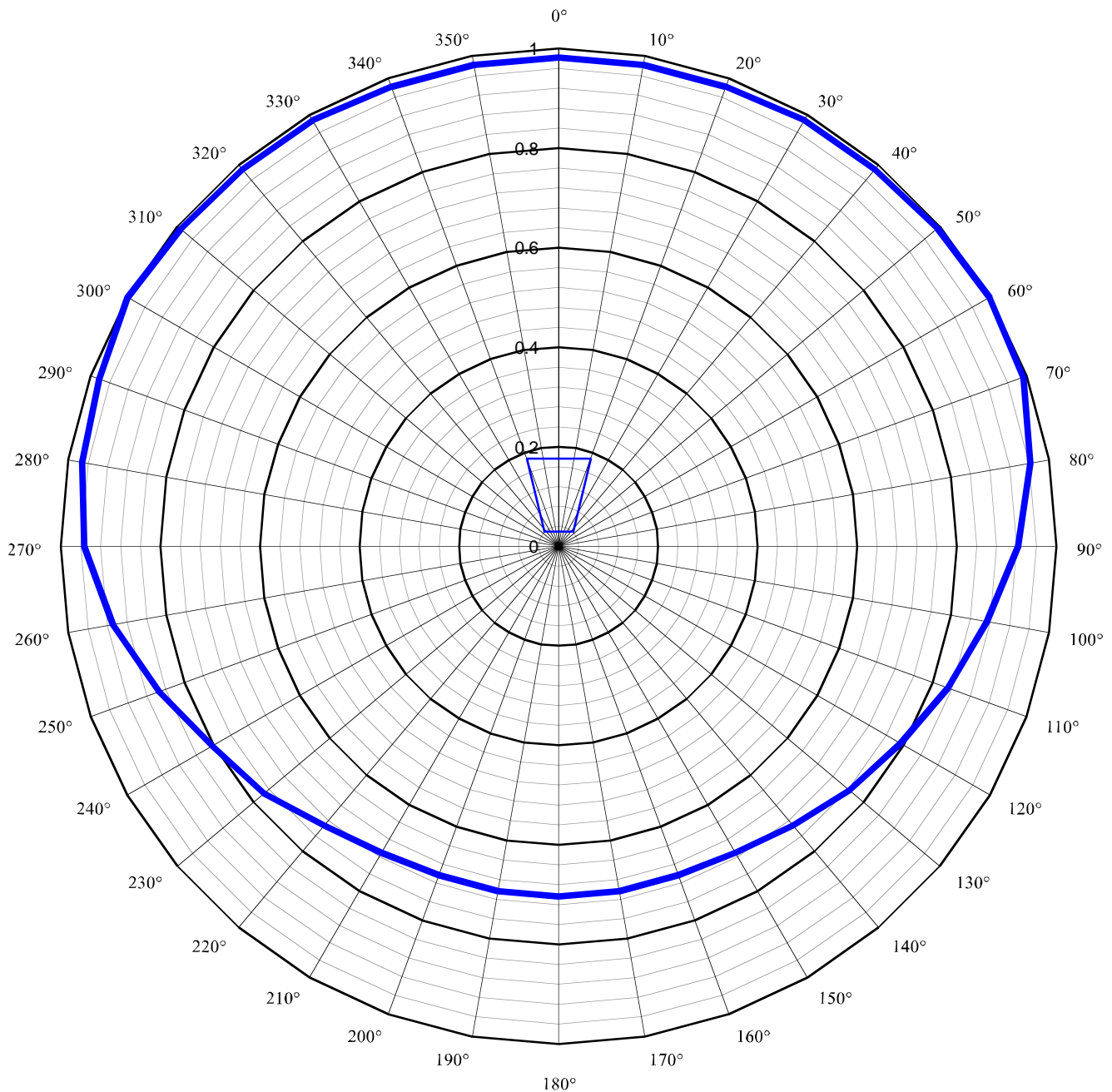


Exhibit 13.8 - Copy of Charles H. Lynn Signed Declaration



DECLARATION UNDER PENALTY OF PERJURY

Charles H. Lynn, under penalty of perjury, declares as follows:

I have not engaged in the filing of serial FM translator "hop" applications, or other serial modification application filings with the FCC that would represent an abuse of process.

Executed this 21st day of October, 2011.

A handwritten signature in blue ink that reads "Charles H. Lynn". The signature is written in a cursive style with a horizontal line underneath it.

Charles H. Lynn