## KVOD at its Currently Licensed Site
Prc Denver-i, Llc

```
REFERENCE         CH#  201C3 - 88.1 MHz, Pwr= 1.2 kw,  HAAT= 303.7 M,  COR= 2348 M      DISPLAY DATES
39 40 18.0 N.                  Average Protected F(50-50)= 33.76 km                     DATA    04-04-12
105 13 05.0 W.                          Omni-directional                               SEARCH  04-04-12
```

| 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) | |
|---|---|---|---|---|---|---|---|---|---|
| 201C3 KVOD | LIC _CX | 0.0 | 0.00 | 39 40 18.0 | 1.200 | 104.9 | 40.0 | -144.8* | -144.8* |
| Lakewood | CO | 0.0 | BLED20100805AJY | 105 13 05.0  321 | | 2348 | Prc Denver-i, Llc | | |
| 203A  KGNU-FM | LIC DC_ | 8.6 | 36.08 | 39 59 33.0 | 4.000 | 1.6 | 14.2 | -6.7* | 18.2 |
| Boulder | CO | 188.7 | BLED20100528ADY | 105 09 16.0  65 | | 1732 | Boulder Community Broadcas | | |
| 202A  1212074 | APP _CX | 198.3 | 29.98 | 39 24 56.0 | 0.100 | 8.0 | 5.6 | 2.8 | -3.6 |
| Pine | CO | 18.2 | BNPED20071022AZK | 105 19 40.0  21 | | 2203 | The North Fork Angling Soc | | |
| 202A  1205743 | APP DVX | 279.9 | 39.84 | 39 43 56.0 | 2.000 | 25.3 | 14.8 | 0.8 | 6.4 |
| Idaho Springs | CO | 99.6 | BNPED20071019AIY | 105 40 38.0  -195 | | 3018 | Clear Creek Radio, Inc | | |
| 202C1 1277517 | APP DCX | 74.9 | 110.05 | 39 55 21.9 | 11.000 | 58.8 | 39.2 | 5.3 | 1.5 |
| Fort Morgan | CO | 255.7 | BNPED20071019BCM | 103 58 18.4  334 | | 1815 | The Helpline | | |
| 202C3 1227487 | APP DCX | 307.3 | 61.65 | 40 00 23.0 | 10.000 | 26.8 | 18.1 | 12.4 | 12.4 |
| Winter Park | CO | 126.9 | BNPED20071018BDM | 105 47 38.0  -180 | | 2745 | Fraser Valley Community Me | | |
| 202A  KGCO | LIC _VX | 355.0 | 105.57 | 40 37 03.0 | 0.150 | 37.3 | 22.4 | 28.4 | 18.7 |
| Fort Collins | CO | 174.9 | BLED20060117AFJ | 105 19 40.0  364 | | 2552 | Educational Media Foundati | | |
| 201C3 KMPZ | LIC _CX | 206.9 | 152.39 | 38 26 48.0 | 0.200 | 106.2 | 41.9 | 24.0 | 71.7 |
| Salida | CO | 26.4 | BLED20101029ADJ | 106 00 36.0  827 | | 3567 | Cheyenne Mountain Public B | | |
| 202A  1212100 | APP _CX | 301.0 | 61.79 | 39 57 23.0 | 1.000 | 14.2 | 10.2 | 26.2 | 31.4 |
| Fraser | CO | 120.6 | BNPED20071017AHY | 105 50 22.0  45 | | 2640 | Rv Ministries, Inc. | | |
| 204C1 KCME | LIC _CY | 163.3 | 107.56 | 38 44 40.0 | 12.000 | 6.9 | 76.5 | 60.2 | 27.8 |
| Manitou Springs | CO | 343.5 | BLED19990203KA | 104 51 41.0  668 | | 2918 | Cheyenne Mountain Public B | | |
| 201C2 KDNK | LIC DEX | 262.0 | 186.56 | 39 25 08.0 | 1.200 | 132.9 | 57.7 | 31.3 | 65.0 |
| Glenwood Springs | CO | 80.7 | BLED20041022ABU | 107 22 10.0  775 | | 3227 | Carbondale Community Acces | | |
| 201A  KAIX | LIC _CX | 14.6 | 171.13 | 41 09 37.0 | 1.900 | 51.0 | 12.7 | 76.1 | 41.7 |
| Cheyenne | WY | 194.9 | BLED20100603ACJ | 104 42 13.0  63 | | 1890 | Educational Media Foundati | | |
| 204A  KMPB | LIC _CX | 254.5 | 72.18 | 39 29 44.0 | 0.300 | 1.2 | 7.4 | 48.3 | 56.8 |
| Breckenridge | CO | 74.0 | BLED20090724ADM | 106 01 44.0  -76 | | 3246 | Community Radio For Northe | | |

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Terrain database is GLOBE 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone=  - Zone 2, 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.
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# HOW TO READ THE FM COMPUTER PRINT-OUT

Full Service Stations

The computer printout should be self-explanatory for the most part. The parameters of the station being checked, (reference station) are printed in the heading. Contour distances are in kilometers and are predicted using the Commission's TVFMINT FORTRAN subroutine.  When interference contour distances are less than 16 kilometers the F(50-50) tables are used.  If signal contour distances are less than 1.6 km the free-space equation is used.

The column listed "IN " is the difference in kilometers between of the reference station's protected contour and the data file station's interference contour at the closest point between the contours.  (All distances are derived by the method detailed in Sec. 73.208 of the Rules and Regulations as amended in Docket 80-90.) Therefore, "IN" column is a measure of incoming interference. Negative distances in this column indicate the presence of contour overlap.  Listed antenna heights and power are those given in the FCC database.  The column labeled "OUT " shows the greatest distance in kilometers of overlap or smallest of clearance between the reference station's interference contour and the database station's protected contour.  Negative distance figures in this column indicate outgoing contour overlap.

Under the "AZI" column, the first row of numbers indicate the True North bearings from the reference station toward the database stations, while the numbers in the second row indicate the reverse bearings from the database stations to the reference station.

The columns labeled "INT" and "PRO" contain the distance in kilometers of the appropriate interference contour and the protected contour of a data base station.

For I.F. relationships, some channel-six TV relationships and relationships with commercial channel stations providing clearance the minimum spacings values the "IN" and "OUT" columns can change their significance.  The letter "R" stands for the minimum **required** distance in kilometers, while the letter "M" in the next column follows the **available clear space** (or lack of it) in kilometers. Minimum separation distances when displayed are taken from Sec 73.207 of the rules as amended.  Canadian and Mexican separation distances, U/D ratios and protected contour values are from the US/Mexican Working Agreement and the US/Canada Working Agreement".

The call letters of stations meeting the minimum separation distances under the rules will be flagged by the characters "<<" appended to the right-hand side of the call sign. The "^" character appended to the call sign means the station has been "max-classed" according to the provisions of section 73.525 of the Rules.

The first three letters of the "TYPE" column identify the current FCC status of the stations. The fourth letter will be a "D" if the facility is directional.  "Z" indicates a 73.215 directional. An "N" indicates it is a 73.215 station that operates with an omni-directional antenna.  The fifth letter will be an E, H or V depending on the type of antenna polarization.  The sixth letter will be a "Y" if the antenna uses beam tilt or an "X" if the commission is not sure, otherwise it will be an "N" or left blank.

Contour-to-contour Table - Proposed Site
Prc Denver-i, Llc

| REFERENCE | CH#  201C3 - 88.1 MHz, Pwr= 2.1 kW DA,  HAAT= 251.2 M,  COR= 2334 M | DISPLAY DATES |
|---|---|---|
| 39 43 49.0 N. | Average Protected F(50-50)= 35.58 km | DATA   04-03-12 |
| 105 15 00.0 W. | Standard Directional | SEARCH 04-03-12 |

| 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) | |
| 201C3 KVOD | LIC _CX | 157.2 | 7.06 | 39 40 18.0 | 1.200 | 72.4 | 24.1 | -101.8* | -112.3* |
| Lakewood | CO | 337.3 | BLED20100805AJY | 105 13 05.0 | 321 | 2348 | Prc Denver-i, Llc | | |
| 203A  KGNU-FM | LIC DC_ | 15.6 | 30.27 | 39 59 33.0 | 4.000 | 1.6 | 14.2 | -17.9* | 13.1 ** |
| Boulder | CO | 195.7 | BLED20100528ADY | 105 09 16.0 | 65 | 1732 | Boulder Community Broadcas | | |
| 202A  1212074 | APP _CX | 190.8 | 35.62 | 39 24 56.0 | 0.100 | 8.0 | 5.6 | 5.0 | -1.4 *** |
| Pine | CO | 10.8 | BNPED20071022AZK | 105 19 40.0 | 21 | 2203 | The North Fork Angling Soc | | |
| 202C1 1277517 | APP DCX | 78.5 | 111.21 | 39 55 21.9 | 11.000 | 60.4 | 39.3 | 3.7 | 0.5 |
| Fort Morgan | CO | 259.3 | BNPED20071019BCM | 103 58 18.4 | 334 | 1815 | The Helpline | | |
| 202A  1205743 | APP DVX | 270.5 | 36.52 | 39 43 56.0 | 2.000 | 25.1 | 15.4 | 0.6 | 4.3 |
| Idaho Springs | CO | 90.2 | BNPED20071019AIY | 105 40 38.0 | -195 | 3018 | Clear Creek Radio, Inc | | |
| 202A  KGCO | LIC _VX | 356.2 | 98.86 | 40 37 03.0 | 0.150 | 42.5 | 21.9 | 17.3 | 9.9 |
| Fort Collins | CO | 176.1 | BLED20060117AFJ | 105 19 40.0 | 364 | 2552 | Educational Media Foundati | | |
| 202C3 1227487 | APP DCX | 303.7 | 55.64 | 40 00 23.0 | 10.000 | 26.8 | 18.1 | 14.3 | 27.1 |
| Winter Park | CO | 123.3 | BNPED20071018BDM | 105 47 38.0 | -180 | 2745 | Fraser Valley Community Me | | |
| 201C3 KMPZ | LIC _CX | 204.9 | 157.05 | 38 26 48.0 | 0.200 | 109.9 | 42.6 | 24.8 | 44.7 |
| Salida | CO | 24.4 | BLED20101029ADJ | 106 00 36.0 | 827 | 3567 | Cheyenne Mountain Public B | | |
| 202A  1212100 | APP _CX | 296.7 | 56.24 | 39 57 23.0 | 1.000 | 14.2 | 10.2 | 30.6 | 36.6 |
| Fraser | CO | 116.4 | BNPED20071017AHY | 105 50 22.0 | 45 | 2640 | Rv Ministries, Inc. | | |
| 201A  KAIX | LIC _CX | 16.0 | 165.57 | 41 09 37.0 | 1.900 | 50.2 | 12.5 | 68.1 | 30.9 |
| Cheyenne | WY | 196.4 | BLED20100603ACJ | 104 42 13.0 | 63 | 1890 | Educational Media Foundati | | |
| 204C1 KCME | LIC _CY | 162.9 | 114.59 | 38 44 40.0 | 12.000 | 6.9 | 76.3 | 67.3 | 34.3 |
| Manitou Springs | CO | 343.1 | BLED19990203KA | 104 51 41.0 | 668 | 2918 | Cheyenne Mountain Public B | | |
| 201C2 KDNK | LIC DEX | 259.9 | 184.89 | 39 25 08.0 | 1.200 | 134.8 | 58.3 | 39.6 | 105.5 |
| Glenwood Springs | CO | 78.5 | BLED20041022ABU | 107 22 10.0 | 775 | 3227 | Carbondale Community Acces | | |

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Terrain database is GLOBE 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone= - Zone 2, 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.
Reference station has protected zone issue: AM tower
** - Based on U/D calculations, interference to KVOD from KGNU-FM is reduced at the proposed site
*** - Contour Overlap Interference to 1212074, Pine, CO is reduced at the proposed site

U/D Calculated Interference to Proposed KVOD

**KVOD.A**
BPED20090205ABZ
Latitude: 39-43-49 N
Longitude: 105-15-00 W
ERP: 2.10 kW
Channel: 201
Frequency: 88.1 MHz
AMSL Height: 2334.0 m
Elevation: 2291.2 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: FCC Model
Loc. Variability: 50.0%
Time Variability: 50.0%

**KVOD.A**
BPED20090205ABZ
Latitude: 39-43-49 N
Longitude: 105-15-00 W
ERP: 2.10 kW
Channel: 201
Frequency: 88.1 MHz
AMSL Height: 2334.0 m
Elevation: 2291.2 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: FCC Model
Loc. Variability: 50.0%
Time Variability: 50.0%

**V** **Doug Vernier**
401 Main Street, Suite 213
Cedar Falls, Iowa 50613
**Telecommunication Consultants**

60 dBu

40 dBu+ above KVOD

68 dBu

5,759 people
0.22% interrference
2010 Census

Scale 1:500,000
0    5    10    15  km

V-Soft Communications LLC ® ©
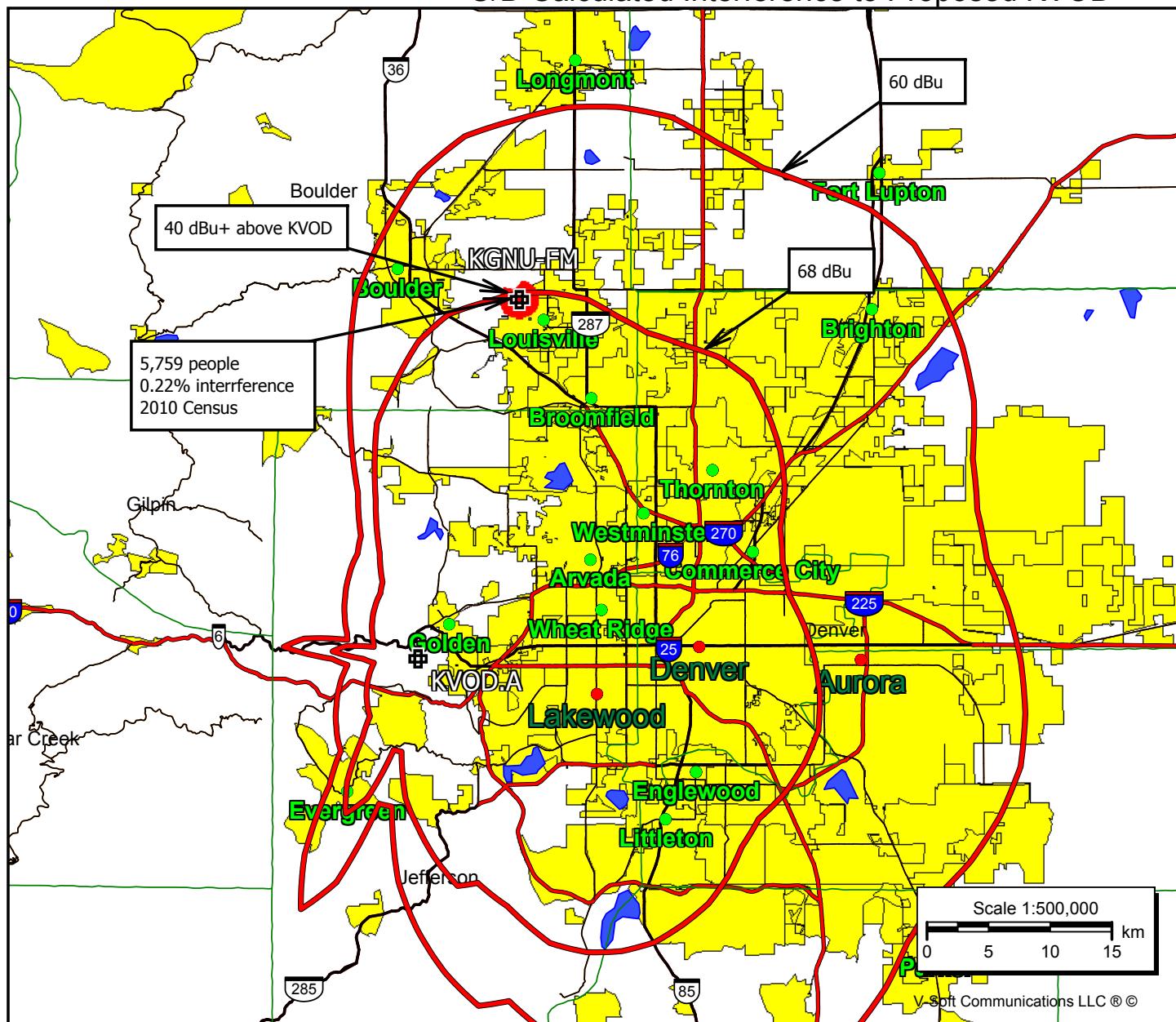
# U/D Calculated Interference to Existing KVOD License

**KVOD**
BLED20100805AJY
Latitude: 39-40-18 N
Longitude: 105-13-05 W
ERP: 1.20 kW
Channel: 201
Frequency: 88.1 MHz
AMSL Height: 2348.0 m
Elevation: 2341.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: FCC Model
Loc. Variability: 50.0%
Time Variability: 50.0%

**KVOD**
BLED20100805AJY
Latitude: 39-40-18 N
Longitude: 105-13-05 W
ERP: 1.20 kW
Channel: 201
Frequency: 88.1 MHz
AMSL Height: 2348.0 m
Elevation: 2341.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: FCC Model
Loc. Variability: 50.0%
Time Variability: 50.0%

**V Doug Vernier**
401 Main Street, Suite 213
Cedar Falls, Iowa 50613
**Telecommunication Consultants**

60 dBu

40 dBu+ above KVOD

63 dBu

8,584 people
0.34% interrference

Longmont

Fort Lupton

Boulder

KGNU-FM

Boulder

Louisville

Brighton

Broomfield

Thornton

Westminste

Commerce City

Arvada

Wheat Ridge

Golden

Denver

Aurora

Lakewood

KVOD

Englewood

Evergreen

Littleton

Jefferson

Gilpin

Scale 1:500,000
0    5    10    15  km

V-Soft Communications LLC ® ©
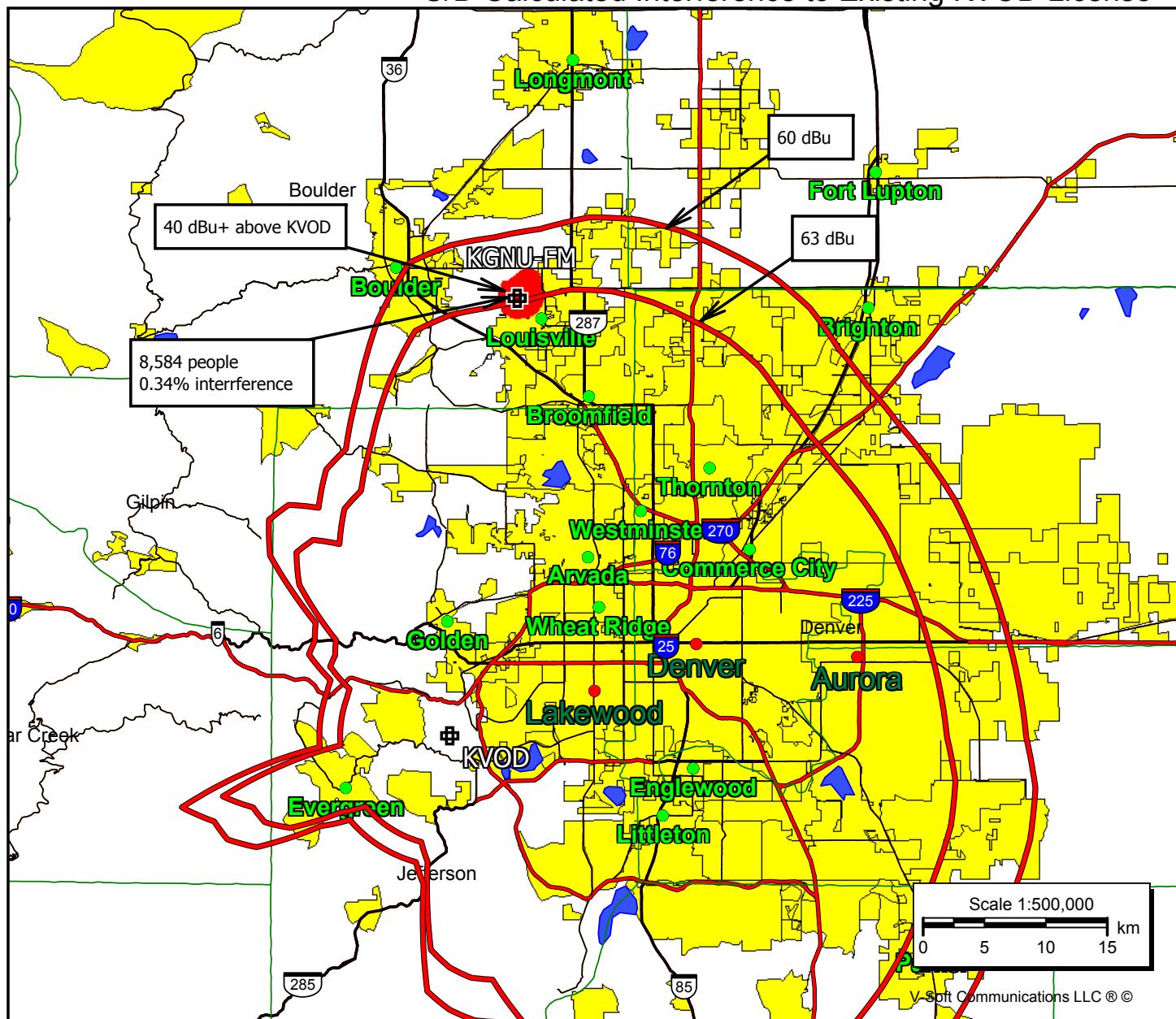
Contour-to-contour Map - Proposed Site
Prc Denver-i, Llc

FMCommander Single Allocation Study - 04-04-2012 - GLOBE 30 Sec
KVOD.A's Overlaps (In= 4.95 km, Out= -1.37 km)

KVOD.A CH 201 C3 DA                         1212074 CH 202 A     BNPED20071022AZK
Lat= 39 43 49.0,    Lng= 105 15 00.0        Lat= 39 24 56.0,    Lng= 105 19 40.0
2.1 kW  251.2 M HAAT, 2334 M COR            0.1 kW  21.3 M HAAT, 2203 M COR
Prot.= 60 dBu,  Intef.= 54 dBu             Prot.= 60 dBu,  Intef.= 54 dBu
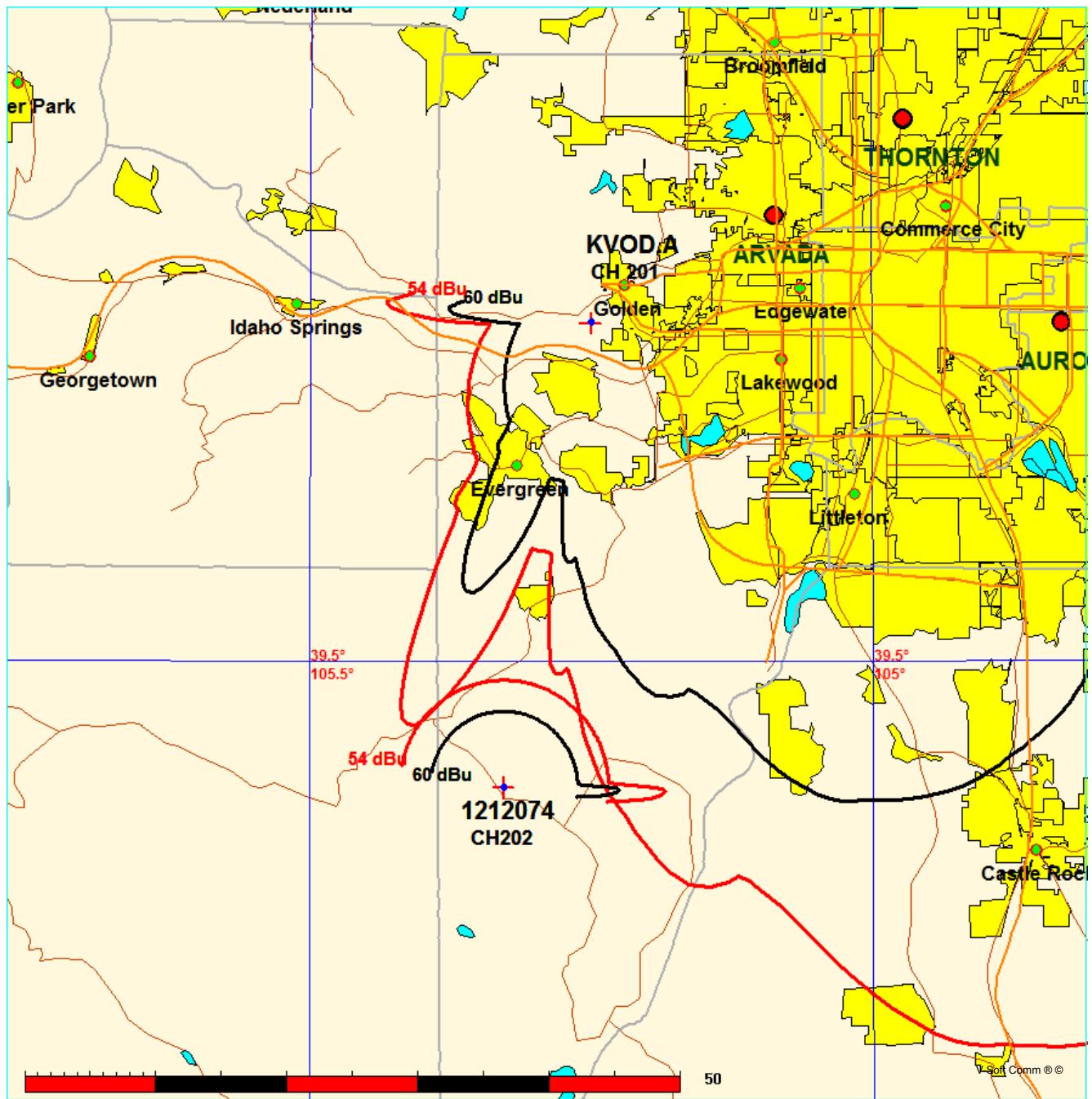
KVOD.A                                    1212074   BNPED20071022AZK

| Channel = 201C3 | Channel = 202A |
| Max ERP = 2.1 kW | Max ERP = 0.1 kW |
| RCAMSL = 2334 M | RCAMSL = 2203 M |
| N. Lat. 39 43 49.0 | N. Lat. 39 24 56.0 |
| W. Lng. 105 15 00.0 | W. Lng. 105 19 40.0 |
| Protected | Interfering |
| 60  dBu | 54  dBu |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) | IX (km) |
|---|---|---|---|---|---|---|---|---|---|
| 101.0 | 001.9881 | 0556.6 | 049.5 | 064.9 | 000.1000 | -0117.3 | 060.7 | 23.66 | |
| 102.0 | 002.0004 | 0552.2 | 049.3 | 065.5 | 000.1000 | -0113.3 | 060.1 | 23.79 | |
| 103.0 | 002.0127 | 0548.1 | 049.2 | 066.1 | 000.1000 | -0110.4 | 059.5 | 23.92 | |
| 104.0 | 002.0251 | 0544.3 | 049.0 | 066.7 | 000.1000 | -0108.1 | 058.8 | 24.05 | |
| 105.0 | 002.0375 | 0540.3 | 048.9 | 067.2 | 000.1000 | -0106.0 | 058.2 | 24.18 | |
| 106.0 | 002.0499 | 0535.8 | 048.7 | 067.8 | 000.1000 | -0104.2 | 057.5 | 24.32 | |
| 107.0 | 002.0624 | 0530.9 | 048.5 | 068.3 | 000.1000 | -0102.4 | 056.8 | 24.47 | |
| 108.0 | 002.0749 | 0525.6 | 048.2 | 068.9 | 000.1000 | -0100.4 | 056.1 | 24.62 | |
| 109.0 | 002.0874 | 0520.0 | 048.0 | 069.4 | 000.1000 | -0097.8 | 055.4 | 24.77 | |
| 110.0 | 002.1000 | 0514.1 | 047.7 | 069.9 | 000.1000 | -0094.5 | 054.7 | 24.93 | |
| 111.0 | 002.1000 | 0507.9 | 047.4 | 070.3 | 000.1000 | -0091.1 | 053.9 | 25.10 | |
| 112.0 | 002.1000 | 0501.7 | 047.0 | 070.7 | 000.1000 | -0087.6 | 053.1 | 25.27 | |
| 113.0 | 002.1000 | 0495.3 | 046.7 | 071.2 | 000.1000 | -0085.1 | 052.3 | 25.44 | |
| 114.0 | 002.1000 | 0489.0 | 046.4 | 071.6 | 000.1000 | -0083.3 | 051.5 | 25.62 | |
| 115.0 | 002.1000 | 0483.4 | 046.1 | 072.0 | 000.1000 | -0081.1 | 050.7 | 25.78 | |
| 116.0 | 002.1000 | 0479.5 | 045.9 | 072.6 | 000.1000 | -0079.0 | 050.0 | 25.93 | |
| 117.0 | 002.1000 | 0477.5 | 045.8 | 073.1 | 000.1000 | -0077.4 | 049.4 | 26.07 | |
| 118.0 | 002.1000 | 0477.2 | 045.7 | 073.8 | 000.1000 | -0076.0 | 048.9 | 26.19 | |
| 119.0 | 002.1000 | 0477.6 | 045.8 | 074.5 | 000.1000 | -0073.5 | 048.3 | 26.30 | |
| 120.0 | 002.1000 | 0478.8 | 045.8 | 075.2 | 000.1000 | -0070.5 | 047.8 | 26.42 | |
| 121.0 | 002.1000 | 0480.4 | 045.9 | 076.0 | 000.1000 | -0068.1 | 047.3 | 26.53 | |
| 122.0 | 002.1000 | 0482.0 | 046.0 | 076.8 | 000.1000 | -0064.6 | 046.8 | 26.65 | |
| 123.0 | 002.1000 | 0484.0 | 046.1 | 077.5 | 000.1000 | -0056.4 | 046.3 | 26.77 | |
| 124.0 | 002.1000 | 0486.2 | 046.2 | 078.4 | 000.1000 | -0042.8 | 045.8 | 26.89 | |
| 125.0 | 002.1000 | 0488.2 | 046.3 | 079.2 | 000.1000 | -0028.1 | 045.3 | 27.01 | |
| 126.0 | 002.1000 | 0489.9 | 046.4 | 080.0 | 000.1000 | -0015.8 | 044.8 | 27.15 | |
| 127.0 | 002.1000 | 0491.4 | 046.5 | 080.8 | 000.1000 | -0011.0 | 044.3 | 27.29 | |
| 128.0 | 002.1000 | 0492.2 | 046.5 | 081.5 | 000.1000 | -0012.5 | 043.7 | 27.44 | |
| 129.0 | 002.1000 | 0491.9 | 046.5 | 082.3 | 000.1000 | -0014.5 | 043.1 | 27.60 | |
| 130.0 | 002.1000 | 0490.8 | 046.5 | 083.0 | 000.1000 | -0016.3 | 042.5 | 27.78 | |
| 131.0 | 002.1000 | 0488.9 | 046.4 | 083.6 | 000.1000 | -0016.5 | 041.8 | 27.97 | |
| 132.0 | 002.1000 | 0487.0 | 046.3 | 084.3 | 000.1000 | -0014.0 | 041.2 | 28.17 | |
| 133.0 | 002.1000 | 0485.4 | 046.2 | 085.0 | 000.1000 | -0009.4 | 040.5 | 28.37 | |
| 134.0 | 002.1000 | 0483.1 | 046.1 | 085.6 | 000.1000 | -0003.0 | 039.8 | 28.58 | |
| 135.0 | 002.1000 | 0480.6 | 045.9 | 086.2 | 000.1000 | 0004.5 | 039.1 | 28.80 | |
| 136.0 | 002.1000 | 0478.2 | 045.8 | 086.9 | 000.1000 | 0010.4 | 038.5 | 29.03 | |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|---|---|---|---|---|---|---|---|---|
| 137.0 | 002.1000 | 0476.1 | 045.7 | 087.5 | 000.1000 | 0012.7 | 037.8 | 29.25 |
| 138.0 | 002.1000 | 0473.8 | 045.6 | 088.2 | 000.1000 | 0022.9 | 037.1 | 29.48 |
| 139.0 | 002.1000 | 0470.8 | 045.4 | 088.8 | 000.1000 | 0033.3 | 036.4 | 30.43 |
| 140.0 | 002.1000 | 0467.2 | 045.2 | 089.4 | 000.1000 | 0043.1 | 035.7 | 32.67 |
| 141.0 | 002.1000 | 0462.9 | 045.0 | 090.0 | 000.1000 | 0052.1 | 034.9 | 34.56 |
| 142.0 | 002.1000 | 0457.1 | 044.7 | 090.4 | 000.1000 | 0059.5 | 034.2 | 35.97 |
| 143.0 | 002.1000 | 0450.4 | 044.4 | 090.8 | 000.1000 | 0065.8 | 033.3 | 37.10 |
| 144.0 | 002.1000 | 0443.3 | 044.1 | 091.1 | 000.1000 | 0071.5 | 032.5 | 38.14 |
| 145.0 | 002.1000 | 0436.4 | 043.7 | 091.5 | 000.1000 | 0073.7 | 031.7 | 38.77 |
| 146.0 | 002.1000 | 0429.2 | 043.4 | 091.8 | 000.1000 | 0072.8 | 030.9 | 39.06 |
| 147.0 | 002.1000 | 0420.8 | 043.0 | 092.0 | 000.1000 | 0072.6 | 030.0 | 39.48 |
| 148.0 | 002.1000 | 0410.6 | 042.5 | 092.0 | 000.1000 | 0072.6 | 029.2 | 39.98 |
| 149.0 | 002.1000 | 0400.1 | 042.0 | 092.1 | 000.1000 | 0072.6 | 028.3 | 40.49 |
| 150.0 | 002.1000 | 0390.8 | 041.6 | 092.1 | 000.1000 | 0072.6 | 027.4 | 41.01 |
| 151.0 | 002.1000 | 0382.8 | 041.2 | 092.3 | 000.1000 | 0072.4 | 026.6 | 41.51 |
| 152.0 | 002.1000 | 0374.1 | 040.8 | 092.4 | 000.1000 | 0072.3 | 025.8 | 42.04 |
| 153.0 | 002.1000 | 0362.9 | 040.3 | 092.1 | 000.1000 | 0072.6 | 025.0 | 42.68 |
| 154.0 | 002.1000 | 0348.8 | 039.6 | 091.5 | 000.1000 | 0073.7 | 024.0 | 43.50 |
| 155.0 | 002.1000 | 0332.7 | 038.7 | 090.3 | 000.1000 | 0058.7 | 023.0 | 42.37 |
| 156.0 | 002.1000 | 0315.2 | 037.8 | 088.8 | 000.1000 | 0033.5 | 022.0 | 38.15 |
| 157.0 | 002.1000 | 0296.2 | 036.8 | 086.9 | 000.1000 | 0010.5 | 021.0 | 38.04 |
| 158.0 | 002.1000 | 0275.2 | 035.6 | 084.3 | 000.1000 | -0013.8 | 020.1 | 38.80 |
| 159.0 | 002.1000 | 0252.8 | 034.2 | 080.9 | 000.1000 | -0011.2 | 019.1 | 39.54 |
| 160.0 | 002.1000 | 0231.0 | 032.8 | 076.9 | 000.1000 | -0063.4 | 018.3 | 40.20 |
| 161.0 | 002.1000 | 0214.4 | 031.5 | 073.1 | 000.1000 | -0077.5 | 017.7 | 40.74 |
| 162.0 | 002.1000 | 0202.1 | 030.6 | 070.0 | 000.1000 | -0093.6 | 017.1 | 41.19 |
| 163.0 | 002.1000 | 0191.4 | 029.8 | 067.1 | 000.1000 | -0106.5 | 016.7 | 41.59 |
| 164.0 | 002.1000 | 0181.6 | 029.1 | 064.4 | 000.1000 | -0121.9 | 016.3 | 41.94 |
| 165.0 | 002.1000 | 0176.2 | 028.7 | 062.7 | 000.1000 | -0141.3 | 015.8 | 42.30 |
| 166.0 | 002.1000 | 0178.5 | 028.9 | 062.9 | 000.1000 | -0138.9 | 015.3 | 42.75 |
| 167.0 | 002.1000 | 0178.8 | 028.9 | 062.6 | 000.1000 | -0143.1 | 014.8 | 43.22 |
| 168.0 | 002.1000 | 0178.9 | 028.9 | 062.1 | 000.1000 | -0148.1 | 014.3 | 43.79 |
| 169.0 | 002.1000 | 0176.1 | 028.7 | 060.7 | 000.1000 | -0158.4 | 013.9 | 44.31 |
| 170.0 | 002.1000 | 0174.1 | 028.5 | 059.4 | 000.1000 | -0164.5 | 013.5 | 44.86 |
| 171.0 | 002.1000 | 0168.0 | 028.1 | 056.8 | 000.1000 | -0181.9 | 013.2 | 45.24 |
| 172.0 | 002.1000 | 0162.4 | 027.6 | 054.2 | 000.1000 | -0193.3 | 013.0 | 45.59 |
| 173.0 | 002.1000 | 0152.5 | 026.9 | 050.2 | 000.1000 | -0233.1 | 012.9 | 45.61 |
| 174.0 | 002.1000 | 0144.2 | 026.2 | 046.6 | 000.1000 | -0255.6 | 012.9 | 45.61 |
| 175.0 | 002.1000 | 0135.3 | 025.5 | 042.9 | 000.1000 | -0290.2 | 013.1 | 45.46 |
| 176.0 | 002.1000 | 0125.4 | 024.7 | 039.1 | 000.1000 | -0304.1 | 013.3 | 45.12 |
| 177.0 | 002.1000 | 0118.9 | 024.2 | 036.2 | 000.1000 | -0320.1 | 013.4 | 44.96 |
| 178.0 | 002.1000 | 0112.1 | 023.6 | 033.3 | 000.1000 | -0326.2 | 013.7 | 44.65 |
| 179.0 | 002.1000 | 0104.8 | 022.8 | 030.2 | 000.1000 | -0331.1 | 014.0 | 44.14 |
| 180.0 | 002.1000 | 0097.0 | 022.0 | 027.2 | 000.1000 | -0344.4 | 014.6 | 43.48 |
| 181.0 | 002.1000 | 0089.3 | 021.1 | 024.4 | 000.1000 | -0359.6 | 015.2 | 42.81 |
| 182.0 | 002.1000 | 0078.0 | 019.7 | 021.4 | 000.1000 | -0369.2 | 016.4 | 41.80 |
| 183.0 | 002.1000 | 0070.4 | 018.7 | 019.2 | 000.1000 | -0374.0 | 017.3 | 41.09 |
| 184.0 | 002.1000 | 0064.0 | 017.8 | 017.5 | 000.1000 | -0378.2 | 018.0 | 40.46 |
| 185.0 | 002.1000 | 0065.8 | 018.1 | 016.7 | 000.1000 | -0377.8 | 017.7 | 40.71 |
| 186.0 | 002.1000 | 0066.1 | 018.1 | 015.7 | 000.1000 | -0375.0 | 017.6 | 40.80 |
| 187.0 | 002.1000 | 0062.7 | 017.7 | 014.5 | 000.1000 | -0373.4 | 018.0 | 40.46 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|---|---|---|---|---|---|---|---|---|
| 188.0 | 002.1000 | 0051.5 | 015.9 | 013.1 | 000.1000 | -0370.3 | 019.8 | 39.04 |
| 189.0 | 002.1000 | 0040.8 | 014.0 | 012.0 | 000.1000 | -0363.6 | 021.6 | 37.57 |
| 190.0 | 002.1000 | 0028.6 | 012.1 | 011.2 | 000.1000 | -0359.8 | 023.5 | 36.23 |
| 191.0 | 002.1000 | 0019.3 | 012.1 | 010.7 | 000.1000 | -0357.6 | 023.5 | 36.23 |
| 192.0 | 002.1000 | 0014.4 | 012.1 | 010.2 | 000.1000 | -0355.3 | 023.5 | 36.23 |
| 193.0 | 002.1000 | 0015.8 | 012.1 | 009.7 | 000.1000 | -0352.6 | 023.5 | 36.22 |
| 194.0 | 002.1000 | 0021.3 | 012.1 | 009.1 | 000.1000 | -0350.3 | 023.5 | 36.21 |
| 195.0 | 002.1000 | 0029.4 | 012.1 | 008.6 | 000.1000 | -0347.9 | 023.5 | 36.20 |
| 196.0 | 002.1000 | 0039.5 | 013.8 | 007.6 | 000.1000 | -0340.5 | 021.9 | 37.35 |
| 197.0 | 002.1000 | 0048.7 | 015.4 | 006.2 | 000.1000 | -0335.7 | 020.4 | 38.53 |
| 198.0 | 002.1000 | 0057.8 | 017.0 | 004.4 | 000.1000 | -0343.7 | 018.9 | 39.74 |
| 199.0 | 002.1000 | 0066.2 | 018.1 | 002.5 | 000.1000 | -0361.4 | 017.8 | 40.60 |
| 200.0 | 002.1000 | 0074.8 | 019.3 | 000.3 | 000.1000 | -0381.3 | 016.9 | 41.43 |
| 201.0 | 002.0152 | 0083.4 | 020.2 | 358.1 | 000.1000 | -0401.3 | 016.2 | 42.03 |
| 202.0 | 001.9321 | 0093.0 | 021.1 | 355.5 | 000.1000 | -0423.7 | 015.4 | 42.63 |
| 203.0 | 001.8508 | 0101.5 | 021.8 | 353.0 | 000.1000 | -0449.5 | 015.0 | 43.03 |
| 204.0 | 001.7713 | 0108.1 | 022.3 | 350.8 | 000.1000 | -0465.0 | 014.8 | 43.23 |
| 205.0 | 001.6934 | 0111.8 | 022.4 | 349.3 | 000.1000 | -0474.9 | 014.9 | 43.10 |
| 206.0 | 001.6174 | 0113.0 | 022.3 | 348.4 | 000.1000 | -0474.9 | 015.3 | 42.79 |
| 207.0 | 001.5431 | 0109.8 | 021.7 | 348.5 | 000.1000 | -0475.3 | 015.9 | 42.22 |
| 208.0 | 001.4705 | 0103.4 | 020.9 | 349.4 | 000.1000 | -0474.5 | 016.8 | 41.45 |
| 209.0 | 001.3997 | 0094.5 | 019.7 | 351.0 | 000.1000 | -0464.1 | 018.0 | 40.48 |
| 210.0 | 001.3306 | 0085.1 | 018.3 | 352.6 | 000.1000 | -0452.5 | 019.2 | 39.45 |
| 211.0 | 001.2763 | 0075.8 | 017.0 | 354.2 | 000.1000 | -0437.6 | 020.5 | 38.46 |
| 212.0 | 001.2232 | 0066.7 | 015.7 | 355.8 | 000.1000 | -0421.1 | 021.7 | 37.50 |
| 213.0 | 001.1712 | 0058.1 | 014.5 | 357.0 | 000.1000 | -0410.5 | 022.8 | 36.68 |
| 214.0 | 001.1203 | 0050.7 | 013.4 | 358.0 | 000.1000 | -0401.9 | 023.9 | 35.95 |
| 215.0 | 001.0706 | 0044.9 | 012.5 | 358.9 | 000.1000 | -0394.7 | 024.8 | 35.32 |
| 216.0 | 001.0220 | 0042.4 | 012.0 | 359.2 | 000.1000 | -0392.4 | 025.3 | 34.98 |
| 217.0 | 000.9745 | 0042.5 | 011.9 | 359.0 | 000.1000 | -0394.3 | 025.5 | 34.83 |
| 218.0 | 000.9281 | 0041.4 | 011.6 | 359.0 | 000.1000 | -0393.9 | 025.9 | 34.60 |
| 219.0 | 000.8829 | 0034.0 | 010.4 | 000.3 | 000.1000 | -0381.8 | 026.9 | 33.95 |
| 220.0 | 000.8388 | 0022.5 | 009.7 | 000.9 | 000.1000 | -0376.2 | 027.5 | 33.57 |
| 221.0 | 000.8046 | 0015.0 | 009.6 | 000.8 | 000.1000 | -0377.4 | 027.7 | 33.46 |
| 222.0 | 000.7712 | 0014.9 | 009.5 | 000.6 | 000.1000 | -0378.5 | 027.9 | 33.36 |
| 223.0 | 000.7385 | 0018.8 | 009.4 | 000.5 | 000.1000 | -0379.5 | 028.1 | 33.25 |
| 224.0 | 000.7064 | 0022.1 | 009.3 | 000.4 | 000.1000 | -0380.4 | 028.3 | 33.14 |
| 225.0 | 000.6751 | 0020.3 | 009.2 | 000.4 | 000.1000 | -0381.2 | 028.5 | 33.04 |
| 226.0 | 000.6445 | 0012.5 | 009.1 | 000.3 | 000.1000 | -0381.8 | 028.7 | 32.93 |
| 227.0 | 000.6146 | 0002.4 | 009.0 | 000.2 | 000.1000 | -0382.3 | 028.9 | 32.83 |
| 228.0 | 000.5854 | -0007.8 | 008.9 | 000.2 | 000.1000 | -0382.7 | 029.0 | 32.73 |
| 229.0 | 000.5570 | -0017.9 | 008.8 | 000.2 | 000.1000 | -0383.0 | 029.2 | 32.63 |
| 230.0 | 000.5292 | -0030.6 | 008.6 | 000.1 | 000.1000 | -0383.2 | 029.4 | 32.53 |
| 231.0 | 000.5077 | -0044.3 | 008.5 | 000.1 | 000.1000 | -0383.5 | 029.6 | 32.44 |
| 232.0 | 000.4867 | -0055.6 | 008.4 | 000.1 | 000.1000 | -0383.8 | 029.8 | 32.35 |
| 233.0 | 000.4661 | -0063.8 | 008.3 | 000.0 | 000.1000 | -0384.0 | 030.0 | 32.27 |
| 234.0 | 000.4459 | -0072.2 | 008.2 | 000.0 | 000.1000 | -0384.2 | 030.1 | 32.18 |
| 235.0 | 000.4262 | -0085.9 | 008.1 | 000.0 | 000.1000 | -0384.1 | 030.3 | 32.10 |
| 236.0 | 000.4069 | -0104.8 | 008.0 | 000.0 | 000.1000 | -0384.0 | 030.5 | 32.01 |
| 237.0 | 000.3881 | -0126.0 | 007.9 | 000.1 | 000.1000 | -0383.9 | 030.7 | 31.94 |
| 238.0 | 000.3697 | -0143.1 | 007.8 | 000.1 | 000.1000 | -0383.8 | 030.8 | 31.86 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|---|---|---|---|---|---|---|---|---|
| 239.0 | 000.3518 | -0151.8 | 007.7 | 000.1 | 000.1000 | -0383.5 | 031.0 | 31.78 |
| 240.0 | 000.3343 | -0151.3 | 007.6 | 000.1 | 000.1000 | -0383.2 | 031.2 | 31.71 |
| 241.0 | 000.3207 | -0143.9 | 007.5 | 000.2 | 000.1000 | -0383.0 | 031.3 | 31.64 |
| 242.0 | 000.3074 | -0135.5 | 007.5 | 000.2 | 000.1000 | -0382.9 | 031.5 | 31.58 |
| 243.0 | 000.2944 | -0130.6 | 007.4 | 000.2 | 000.1000 | -0382.7 | 031.6 | 31.51 |
| 244.0 | 000.2816 | -0130.6 | 007.3 | 000.2 | 000.1000 | -0382.5 | 031.8 | 31.45 |
| 245.0 | 000.2691 | -0131.1 | 007.2 | 000.2 | 000.1000 | -0382.2 | 031.9 | 31.39 |
| 246.0 | 000.2570 | -0126.0 | 007.1 | 000.3 | 000.1000 | -0381.8 | 032.1 | 31.33 |
| 247.0 | 000.2451 | -0114.7 | 007.1 | 000.3 | 000.1000 | -0381.3 | 032.2 | 31.27 |
| 248.0 | 000.2334 | -0101.2 | 007.0 | 000.4 | 000.1000 | -0380.8 | 032.4 | 31.22 |
| 249.0 | 000.2221 | -0089.6 | 006.9 | 000.5 | 000.1000 | -0380.3 | 032.5 | 31.16 |
| 250.0 | 000.2110 | -0080.3 | 006.8 | 000.5 | 000.1000 | -0379.7 | 032.7 | 31.11 |
| 251.0 | 000.2025 | -0073.1 | 006.7 | 000.6 | 000.1000 | -0379.3 | 032.8 | 31.06 |
| 252.0 | 000.1941 | -0065.6 | 006.7 | 000.6 | 000.1000 | -0378.8 | 032.9 | 31.00 |
| 253.0 | 000.1859 | -0058.9 | 006.6 | 000.7 | 000.1000 | -0378.3 | 033.1 | 30.95 |
| 254.0 | 000.1778 | -0053.4 | 006.5 | 000.7 | 000.1000 | -0377.7 | 033.2 | 30.90 |
| 255.0 | 000.1700 | -0047.1 | 006.4 | 000.8 | 000.1000 | -0377.1 | 033.3 | 30.86 |
| 256.0 | 000.1623 | -0041.8 | 006.4 | 000.9 | 000.1000 | -0376.5 | 033.5 | 30.81 |
| 257.0 | 000.1548 | -0033.6 | 006.3 | 000.9 | 000.1000 | -0375.8 | 033.6 | 30.76 |
| 258.0 | 000.1475 | -0024.0 | 006.2 | 001.0 | 000.1000 | -0375.0 | 033.7 | 30.71 |
| 259.0 | 000.1403 | -0016.6 | 006.1 | 001.1 | 000.1000 | -0374.2 | 033.8 | 30.67 |
| 260.0 | 000.1334 | -0014.7 | 006.1 | 001.2 | 000.1000 | -0373.3 | 033.9 | 30.62 |
| 261.0 | 000.1279 | -0016.8 | 006.0 | 001.3 | 000.1000 | -0372.7 | 034.1 | 30.58 |
| 262.0 | 000.1226 | -0025.5 | 005.9 | 001.4 | 000.1000 | -0372.0 | 034.2 | 30.54 |
| 263.0 | 000.1174 | -0031.4 | 005.9 | 001.4 | 000.1000 | -0371.3 | 034.3 | 30.50 |
| 264.0 | 000.1123 | -0030.7 | 005.8 | 001.5 | 000.1000 | -0370.6 | 034.4 | 30.46 |
| 265.0 | 000.1073 | -0025.9 | 005.7 | 001.6 | 000.1000 | -0369.8 | 034.5 | 30.42 |
| 266.0 | 000.1024 | -0015.0 | 005.7 | 001.7 | 000.1000 | -0369.0 | 034.6 | 30.38 |
| 267.0 | 000.0976 | -0000.8 | 005.6 | 001.8 | 000.1000 | -0368.1 | 034.7 | 30.34 |
| 268.0 | 000.0930 | 0014.4 | 005.5 | 001.9 | 000.1000 | -0367.2 | 034.8 | 30.30 |
| 269.0 | 000.0884 | 0030.4 | 005.5 | 001.9 | 000.1000 | -0366.7 | 034.9 | 30.26 |
| 270.0 | 000.0840 | 0050.6 | 007.0 | 359.5 | 000.1000 | -0389.1 | 035.0 | 30.24 |
| 271.0 | 000.0844 | 0069.3 | 008.2 | 357.5 | 000.1000 | -0406.0 | 035.2 | 30.17 |
| 272.0 | 000.0848 | 0088.1 | 009.3 | 355.8 | 000.1000 | -0420.8 | 035.4 | 30.08 |
| 273.0 | 000.0853 | 0106.8 | 010.2 | 354.3 | 000.1000 | -0436.4 | 035.7 | 29.98 |
| 274.0 | 000.0857 | 0117.9 | 010.7 | 353.6 | 000.1000 | -0444.2 | 036.0 | 29.89 |
| 275.0 | 000.0861 | 0122.3 | 010.9 | 353.4 | 000.1000 | -0446.3 | 036.2 | 29.81 |
| 276.0 | 000.0865 | 0122.0 | 010.9 | 353.4 | 000.1000 | -0445.8 | 036.4 | 29.74 |
| 277.0 | 000.0870 | 0113.6 | 010.6 | 354.0 | 000.1000 | -0440.1 | 036.5 | 29.70 |
| 278.0 | 000.0874 | 0106.4 | 010.3 | 354.5 | 000.1000 | -0434.1 | 036.6 | 29.67 |
| 279.0 | 000.0878 | 0097.4 | 009.9 | 355.2 | 000.1000 | -0426.8 | 036.7 | 29.64 |
| 280.0 | 000.0883 | 0087.7 | 009.4 | 356.0 | 000.1000 | -0417.9 | 036.7 | 29.62 |

1212074   BNPED20071022AZK              KVOD.A

Channel = 202A                 Channel =  201C3
Max ERP = 0.1 kW               Max ERP = 2.1 kW
RCAMSL =  2203 M               RCAMSL =  2334 M
N. Lat. 39 24 56.0             N. Lat. 39 43 49.0
W. Lng. 105 19 40.0            W. Lng. 105 15 00.0
Protected                      Interfering
    60  dBu                        54  dBu

| Azimuth | ERP | HAAT | Dist | Azimuth | ERP | HAAT | Dist | Actual | IX |
| (degrees) | (kW) | (m) | (km) | (degrees) | (kW) | (m) | (km) | (dBu) | (km) |
|---|---|---|---|---|---|---|---|---|---|
| 281.0 | 000.1000 | -0363.5 | 005.6 | 199.8 | 002.1000 | 0073.2 | 036.0 | 50.01 | |
| 282.0 | 000.1000 | -0362.7 | 005.6 | 199.8 | 002.1000 | 0073.3 | 035.9 | 50.07 | |
| 283.0 | 000.1000 | -0366.1 | 005.6 | 199.8 | 002.1000 | 0073.5 | 035.8 | 50.13 | |
| 284.0 | 000.1000 | -0370.4 | 005.6 | 199.9 | 002.1000 | 0073.7 | 035.7 | 50.19 | |
| 285.0 | 000.1000 | -0372.4 | 005.6 | 199.9 | 002.1000 | 0073.8 | 035.6 | 50.25 | |
| 286.0 | 000.1000 | -0372.8 | 005.6 | 199.9 | 002.1000 | 0073.9 | 035.5 | 50.30 | |
| 287.0 | 000.1000 | -0368.9 | 005.6 | 199.9 | 002.1000 | 0074.0 | 035.4 | 50.35 | |
| 288.0 | 000.1000 | -0365.3 | 005.6 | 199.9 | 002.1000 | 0074.0 | 035.3 | 50.40 | |
| 289.0 | 000.1000 | -0363.6 | 005.6 | 199.9 | 002.1000 | 0074.1 | 035.3 | 50.45 | |
| 290.0 | 000.1000 | -0361.7 | 005.6 | 199.9 | 002.1000 | 0074.1 | 035.2 | 50.49 | |
| 291.0 | 000.1000 | -0361.6 | 005.6 | 199.9 | 002.1000 | 0074.0 | 035.1 | 50.53 | |
| 292.0 | 000.1000 | -0363.8 | 005.6 | 199.9 | 002.1000 | 0074.0 | 035.0 | 50.57 | |
| 293.0 | 000.1000 | -0367.5 | 005.6 | 199.9 | 002.1000 | 0073.9 | 034.9 | 50.61 | |
| 294.0 | 000.1000 | -0373.2 | 005.6 | 199.9 | 002.1000 | 0073.9 | 034.8 | 50.64 | |
| 295.0 | 000.1000 | -0378.7 | 005.6 | 199.9 | 002.1000 | 0073.7 | 034.7 | 50.67 | |
| 296.0 | 000.1000 | -0384.7 | 005.6 | 199.9 | 002.1000 | 0073.6 | 034.6 | 50.70 | |
| 297.0 | 000.1000 | -0391.3 | 005.6 | 199.8 | 002.1000 | 0073.4 | 034.5 | 50.72 | |
| 298.0 | 000.1000 | -0398.4 | 005.6 | 199.8 | 002.1000 | 0073.3 | 034.4 | 50.74 | |
| 299.0 | 000.1000 | -0405.0 | 005.6 | 199.8 | 002.1000 | 0073.1 | 034.3 | 50.76 | |
| 300.0 | 000.1000 | -0410.2 | 005.6 | 199.8 | 002.1000 | 0072.8 | 034.2 | 50.78 | |
| 301.0 | 000.1000 | -0414.6 | 005.6 | 199.7 | 002.1000 | 0072.6 | 034.1 | 50.79 | |
| 302.0 | 000.1000 | -0418.4 | 005.6 | 199.7 | 002.1000 | 0072.3 | 034.0 | 50.80 | |
| 303.0 | 000.1000 | -0420.7 | 005.6 | 199.7 | 002.1000 | 0072.0 | 033.9 | 50.81 | |
| 304.0 | 000.1000 | -0421.9 | 005.6 | 199.6 | 002.1000 | 0071.7 | 033.8 | 50.81 | |
| 305.0 | 000.1000 | -0421.7 | 005.6 | 199.6 | 002.1000 | 0071.3 | 033.7 | 50.81 | |
| 306.0 | 000.1000 | -0420.4 | 005.6 | 199.5 | 002.1000 | 0070.9 | 033.6 | 50.81 | |
| 307.0 | 000.1000 | -0416.6 | 005.6 | 199.5 | 002.1000 | 0070.4 | 033.5 | 50.80 | |
| 308.0 | 000.1000 | -0410.9 | 005.6 | 199.4 | 002.1000 | 0070.0 | 033.4 | 50.78 | |
| 309.0 | 000.1000 | -0405.1 | 005.6 | 199.4 | 002.1000 | 0069.4 | 033.3 | 50.76 | |
| 310.0 | 000.1000 | -0401.4 | 005.6 | 199.3 | 002.1000 | 0069.0 | 033.2 | 50.74 | |
| 311.0 | 000.1000 | -0401.5 | 005.6 | 199.3 | 002.1000 | 0068.4 | 033.1 | 50.72 | |
| 312.0 | 000.1000 | -0405.8 | 005.6 | 199.2 | 002.1000 | 0067.9 | 033.0 | 50.70 | |
| 313.0 | 000.1000 | -0411.2 | 005.6 | 199.1 | 002.1000 | 0067.3 | 033.0 | 50.67 | |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|---|---|---|---|---|---|---|---|---|
| 314.0 | 000.1000 | -0416.1 | 005.6 | 199.1 | 002.1000 | 0066.7 | 032.9 | 50.63 |
| 315.0 | 000.1000 | -0420.6 | 005.6 | 199.0 | 002.1000 | 0066.0 | 032.8 | 50.59 |
| 316.0 | 000.1000 | -0424.9 | 005.6 | 198.9 | 002.1000 | 0065.4 | 032.7 | 50.55 |
| 317.0 | 000.1000 | -0427.9 | 005.6 | 198.8 | 002.1000 | 0064.7 | 032.6 | 50.51 |
| 318.0 | 000.1000 | -0427.9 | 005.6 | 198.7 | 002.1000 | 0064.0 | 032.5 | 50.46 |
| 319.0 | 000.1000 | -0425.5 | 005.6 | 198.7 | 002.1000 | 0063.3 | 032.4 | 50.41 |
| 320.0 | 000.1000 | -0422.9 | 005.6 | 198.6 | 002.1000 | 0062.5 | 032.3 | 50.35 |
| 321.0 | 000.1000 | -0420.8 | 005.6 | 198.5 | 002.1000 | 0061.8 | 032.3 | 50.29 |
| 322.0 | 000.1000 | -0419.6 | 005.6 | 198.4 | 002.1000 | 0061.0 | 032.2 | 50.23 |
| 323.0 | 000.1000 | -0419.5 | 005.6 | 198.3 | 002.1000 | 0060.2 | 032.1 | 50.17 |
| 324.0 | 000.1000 | -0422.8 | 005.6 | 198.2 | 002.1000 | 0059.4 | 032.0 | 50.09 |
| 325.0 | 000.1000 | -0426.6 | 005.6 | 198.1 | 002.1000 | 0058.5 | 031.9 | 50.00 |
| 326.0 | 000.1000 | -0428.0 | 005.6 | 198.0 | 002.1000 | 0057.5 | 031.9 | 49.91 |
| 327.0 | 000.1000 | -0425.8 | 005.6 | 197.9 | 002.1000 | 0056.6 | 031.8 | 49.80 |
| 328.0 | 000.1000 | -0422.6 | 005.6 | 197.7 | 002.1000 | 0055.6 | 031.7 | 49.69 |
| 329.0 | 000.1000 | -0421.5 | 005.6 | 197.6 | 002.1000 | 0054.5 | 031.6 | 49.56 |
| 330.0 | 000.1000 | -0423.3 | 005.6 | 197.5 | 002.1000 | 0053.4 | 031.6 | 49.42 |
| 331.0 | 000.1000 | -0428.4 | 005.6 | 197.4 | 002.1000 | 0052.3 | 031.5 | 49.27 |
| 332.0 | 000.1000 | -0438.2 | 005.6 | 197.3 | 002.1000 | 0051.1 | 031.4 | 49.10 |
| 333.0 | 000.1000 | -0452.8 | 005.6 | 197.1 | 002.1000 | 0049.9 | 031.3 | 48.93 |
| 334.0 | 000.1000 | -0469.5 | 005.6 | 197.0 | 002.1000 | 0048.7 | 031.3 | 48.74 |
| 335.0 | 000.1000 | -0485.5 | 005.6 | 196.9 | 002.1000 | 0047.4 | 031.2 | 48.55 |
| 336.0 | 000.1000 | -0498.3 | 005.6 | 196.7 | 002.1000 | 0046.2 | 031.1 | 48.35 |
| 337.0 | 000.1000 | -0505.1 | 005.6 | 196.6 | 002.1000 | 0044.9 | 031.1 | 48.14 |
| 338.0 | 000.1000 | -0507.4 | 005.6 | 196.5 | 002.1000 | 0043.6 | 031.0 | 47.92 |
| 339.0 | 000.1000 | -0505.5 | 005.6 | 196.3 | 002.1000 | 0042.3 | 031.0 | 47.70 |
| 340.0 | 000.1000 | -0501.4 | 005.6 | 196.2 | 002.1000 | 0041.0 | 030.9 | 47.46 |
| 341.0 | 000.1000 | -0497.7 | 005.6 | 196.0 | 002.1000 | 0039.7 | 030.8 | 47.20 |
| 342.0 | 000.1000 | -0494.7 | 005.6 | 195.9 | 002.1000 | 0038.3 | 030.8 | 46.93 |
| 343.0 | 000.1000 | -0489.5 | 005.6 | 195.7 | 002.1000 | 0036.8 | 030.7 | 46.64 |
| 344.0 | 000.1000 | -0481.7 | 005.6 | 195.6 | 002.1000 | 0035.2 | 030.7 | 46.33 |
| 345.0 | 000.1000 | -0474.5 | 005.6 | 195.4 | 002.1000 | 0033.5 | 030.6 | 45.98 |
| 346.0 | 000.1000 | -0469.1 | 005.6 | 195.2 | 002.1000 | 0031.9 | 030.6 | 45.63 |
| 347.0 | 000.1000 | -0469.4 | 005.6 | 195.1 | 002.1000 | 0030.2 | 030.5 | 45.26 |
| 348.0 | 000.1000 | -0473.4 | 005.6 | 194.9 | 002.1000 | 0028.5 | 030.5 | 45.24 |
| 349.0 | 000.1000 | -0475.6 | 005.6 | 194.7 | 002.1000 | 0026.9 | 030.4 | 45.26 |
| 350.0 | 000.1000 | -0471.1 | 005.6 | 194.6 | 002.1000 | 0025.5 | 030.4 | 45.28 |
| 351.0 | 000.1000 | -0463.8 | 005.6 | 194.4 | 002.1000 | 0024.0 | 030.4 | 45.30 |
| 352.0 | 000.1000 | -0457.3 | 005.6 | 194.2 | 002.1000 | 0022.8 | 030.3 | 45.31 |
| 353.0 | 000.1000 | -0449.3 | 005.6 | 194.1 | 002.1000 | 0021.7 | 030.3 | 45.33 |
| 354.0 | 000.1000 | -0440.1 | 005.6 | 193.9 | 002.1000 | 0020.6 | 030.3 | 45.35 |
| 355.0 | 000.1000 | -0429.2 | 005.6 | 193.7 | 002.1000 | 0019.5 | 030.2 | 45.36 |
| 356.0 | 000.1000 | -0418.2 | 005.6 | 193.5 | 002.1000 | 0018.5 | 030.2 | 45.38 |
| 357.0 | 000.1000 | -0410.2 | 005.6 | 193.4 | 002.1000 | 0017.5 | 030.2 | 45.39 |
| 358.0 | 000.1000 | -0402.2 | 005.6 | 193.2 | 002.1000 | 0016.6 | 030.1 | 45.40 |
| 359.0 | 000.1000 | -0394.1 | 005.6 | 193.0 | 002.1000 | 0015.8 | 030.1 | 45.41 |
| 000.0 | 000.1000 | -0384.4 | 005.6 | 192.8 | 002.1000 | 0015.1 | 030.1 | 45.43 |
| 001.0 | 000.1000 | -0375.3 | 005.6 | 192.6 | 002.1000 | 0014.6 | 030.1 | 45.44 |
| 002.0 | 000.1000 | -0366.2 | 005.6 | 192.4 | 002.1000 | 0014.3 | 030.1 | 45.44 |
| 003.0 | 000.1000 | -0356.9 | 005.6 | 192.3 | 002.1000 | 0014.2 | 030.0 | 45.45 |
| 004.0 | 000.1000 | -0347.4 | 005.6 | 192.1 | 002.1000 | 0014.3 | 030.0 | 45.46 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|---|---|---|---|---|---|---|---|---|
| 005.0 | 000.1000 | -0338.1 | 005.6 | 191.9 | 002.1000 | 0014.6 | 030.0 | 45.47 |
| 006.0 | 000.1000 | -0335.2 | 005.6 | 191.7 | 002.1000 | 0015.1 | 030.0 | 45.47 |
| 007.0 | 000.1000 | -0338.5 | 005.6 | 191.5 | 002.1000 | 0015.8 | 030.0 | 45.48 |
| 008.0 | 000.1000 | -0343.3 | 005.6 | 191.3 | 002.1000 | 0016.9 | 030.0 | 45.48 |
| 009.0 | 000.1000 | -0349.7 | 005.6 | 191.1 | 002.1000 | 0018.2 | 030.0 | 45.48 |
| 010.0 | 000.1000 | -0354.4 | 005.6 | 191.0 | 002.1000 | 0019.6 | 030.0 | 45.48 |
| 011.0 | 000.1000 | -0358.9 | 005.6 | 190.8 | 002.1000 | 0021.1 | 030.0 | 45.48 |
| 012.0 | 000.1000 | -0363.8 | 005.6 | 190.6 | 002.1000 | 0022.7 | 030.0 | 45.48 |
| 013.0 | 000.1000 | -0370.1 | 005.6 | 190.4 | 002.1000 | 0024.5 | 030.0 | 45.48 |
| 014.0 | 000.1000 | -0372.9 | 005.6 | 190.2 | 002.1000 | 0026.4 | 030.0 | 45.48 |
| 015.0 | 000.1000 | -0373.7 | 005.6 | 190.0 | 002.1000 | 0028.4 | 030.0 | 45.47 |
| 016.0 | 000.1000 | -0375.8 | 005.6 | 189.8 | 002.1000 | 0030.4 | 030.0 | 45.57 |
| 017.0 | 000.1000 | -0378.3 | 005.6 | 189.6 | 002.1000 | 0032.6 | 030.0 | 46.06 |
| 018.0 | 000.1000 | -0377.4 | 005.6 | 189.5 | 002.1000 | 0034.8 | 030.0 | 46.56 |
| 019.0 | 000.1000 | -0374.7 | 005.6 | 189.3 | 002.1000 | 0037.2 | 030.0 | 47.07 |
| 020.0 | 000.1000 | -0372.4 | 005.6 | 189.1 | 002.1000 | 0039.6 | 030.1 | 47.58 |
| 021.0 | 000.1000 | -0370.1 | 005.6 | 188.9 | 002.1000 | 0041.9 | 030.1 | 48.04 |
| 022.0 | 000.1000 | -0368.0 | 005.6 | 188.7 | 002.1000 | 0044.0 | 030.1 | 48.44 |
| 023.0 | 000.1000 | -0366.0 | 005.6 | 188.5 | 002.1000 | 0045.8 | 030.1 | 48.78 |
| 024.0 | 000.1000 | -0361.9 | 005.6 | 188.4 | 002.1000 | 0047.6 | 030.2 | 49.10 |
| 025.0 | 000.1000 | -0356.0 | 005.6 | 188.2 | 002.1000 | 0049.5 | 030.2 | 49.43 |
| 026.0 | 000.1000 | -0350.3 | 005.6 | 188.0 | 002.1000 | 0051.5 | 030.2 | 49.76 |
| 027.0 | 000.1000 | -0345.3 | 005.6 | 187.8 | 002.1000 | 0053.6 | 030.2 | 50.09 |
| 028.0 | 000.1000 | -0341.0 | 005.6 | 187.7 | 002.1000 | 0055.7 | 030.3 | 50.41 |
| 029.0 | 000.1000 | -0336.9 | 005.6 | 187.5 | 002.1000 | 0057.8 | 030.3 | 50.69 |
| 030.0 | 000.1000 | -0332.2 | 005.6 | 187.3 | 002.1000 | 0059.7 | 030.3 | 50.94 |
| 031.0 | 000.1000 | -0327.3 | 005.6 | 187.1 | 002.1000 | 0061.5 | 030.4 | 51.15 |
| 032.0 | 000.1000 | -0325.2 | 005.6 | 187.0 | 002.1000 | 0063.0 | 030.4 | 51.32 |
| 033.0 | 000.1000 | -0326.0 | 005.6 | 186.8 | 002.1000 | 0064.2 | 030.5 | 51.45 |
| 034.0 | 000.1000 | -0325.9 | 005.6 | 186.6 | 002.1000 | 0065.0 | 030.5 | 51.54 |
| 035.0 | 000.1000 | -0324.6 | 005.6 | 186.5 | 002.1000 | 0065.5 | 030.6 | 51.57 |
| 036.0 | 000.1000 | -0321.1 | 005.6 | 186.3 | 002.1000 | 0065.8 | 030.6 | 51.58 |
| 037.0 | 000.1000 | -0316.5 | 005.6 | 186.2 | 002.1000 | 0066.0 | 030.7 | 51.58 |
| 038.0 | 000.1000 | -0310.6 | 005.6 | 186.0 | 002.1000 | 0066.1 | 030.7 | 51.57 |
| 039.0 | 000.1000 | -0304.6 | 005.6 | 185.8 | 002.1000 | 0066.2 | 030.8 | 51.56 |
| 040.0 | 000.1000 | -0299.3 | 005.6 | 185.7 | 002.1000 | 0066.3 | 030.8 | 51.54 |
| 041.0 | 000.1000 | -0295.7 | 005.6 | 185.5 | 002.1000 | 0066.3 | 030.9 | 51.51 |
| 042.0 | 000.1000 | -0293.2 | 005.6 | 185.4 | 002.1000 | 0066.2 | 030.9 | 51.47 |
| 043.0 | 000.1000 | -0289.9 | 005.6 | 185.2 | 002.1000 | 0066.1 | 031.0 | 51.42 |
| 044.0 | 000.1000 | -0283.7 | 005.6 | 185.1 | 002.1000 | 0066.0 | 031.1 | 51.38 |
| 045.0 | 000.1000 | -0274.2 | 005.6 | 185.0 | 002.1000 | 0065.8 | 031.1 | 51.32 |
| 046.0 | 000.1000 | -0262.5 | 005.6 | 184.8 | 002.1000 | 0065.5 | 031.2 | 51.25 |
| 047.0 | 000.1000 | -0251.0 | 005.6 | 184.7 | 002.1000 | 0065.0 | 031.2 | 51.16 |
| 048.0 | 000.1000 | -0242.1 | 005.6 | 184.6 | 002.1000 | 0064.5 | 031.3 | 51.07 |
| 049.0 | 000.1000 | -0236.4 | 005.6 | 184.4 | 002.1000 | 0064.0 | 031.4 | 50.98 |
| 050.0 | 000.1000 | -0233.8 | 005.6 | 184.3 | 002.1000 | 0063.7 | 031.5 | 50.91 |
| 051.0 | 000.1000 | -0228.0 | 005.6 | 184.2 | 002.1000 | 0063.6 | 031.5 | 50.86 |
| 052.0 | 000.1000 | -0218.0 | 005.6 | 184.1 | 002.1000 | 0063.8 | 031.6 | 50.85 |
| 053.0 | 000.1000 | -0204.8 | 005.6 | 183.9 | 002.1000 | 0064.2 | 031.7 | 50.86 |
| 054.0 | 000.1000 | -0194.6 | 005.6 | 183.8 | 002.1000 | 0064.8 | 031.7 | 50.91 |
| 055.0 | 000.1000 | -0188.4 | 005.6 | 183.7 | 002.1000 | 0065.6 | 031.8 | 50.96 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) | |
|---|---|---|---|---|---|---|---|---|---|
| 056.0 | 000.1000 | -0185.2 | 005.6 | 183.6 | 002.1000 | 0066.3 | 031.9 | 51.02 | |
| 057.0 | 000.1000 | -0180.6 | 005.6 | 183.5 | 002.1000 | 0067.1 | 032.0 | 51.07 | |
| 058.0 | 000.1000 | -0174.4 | 005.6 | 183.4 | 002.1000 | 0067.8 | 032.1 | 51.12 | |
| 059.0 | 000.1000 | -0167.2 | 005.6 | 183.3 | 002.1000 | 0068.4 | 032.1 | 51.17 | |
| 060.0 | 000.1000 | -0161.6 | 005.6 | 183.2 | 002.1000 | 0069.1 | 032.2 | 51.21 | |
| 061.0 | 000.1000 | -0156.7 | 005.6 | 183.1 | 002.1000 | 0069.7 | 032.3 | 51.25 | |
| 062.0 | 000.1000 | -0148.9 | 005.6 | 183.0 | 002.1000 | 0070.3 | 032.4 | 51.28 | |
| 063.0 | 000.1000 | -0138.1 | 005.6 | 182.9 | 002.1000 | 0070.9 | 032.5 | 51.31 | |
| 064.0 | 000.1000 | -0126.3 | 005.6 | 182.8 | 002.1000 | 0071.5 | 032.6 | 51.34 | |
| 065.0 | 000.1000 | -0116.7 | 005.6 | 182.8 | 002.1000 | 0072.0 | 032.6 | 51.37 | |
| 066.0 | 000.1000 | -0110.7 | 005.6 | 182.7 | 002.1000 | 0072.6 | 032.7 | 51.39 | |
| 067.0 | 000.1000 | -0106.9 | 005.6 | 182.6 | 002.1000 | 0073.1 | 032.8 | 51.41 | |
| 068.0 | 000.1000 | -0103.5 | 005.6 | 182.5 | 002.1000 | 0073.6 | 032.9 | 51.43 | |
| 069.0 | 000.1000 | -0099.7 | 005.6 | 182.5 | 002.1000 | 0074.1 | 033.0 | 51.45 | |
| 070.0 | 000.1000 | -0093.4 | 005.6 | 182.4 | 002.1000 | 0074.6 | 033.1 | 51.46 | |
| 071.0 | 000.1000 | -0085.9 | 005.6 | 182.3 | 002.1000 | 0075.1 | 033.2 | 51.48 | |
| 072.0 | 000.1000 | -0081.3 | 005.6 | 182.3 | 002.1000 | 0075.5 | 033.3 | 51.49 | |
| 073.0 | 000.1000 | -0077.7 | 005.6 | 182.2 | 002.1000 | 0076.0 | 033.4 | 51.50 | |
| 074.0 | 000.1000 | -0075.5 | 005.6 | 182.2 | 002.1000 | 0076.4 | 033.5 | 51.51 | |
| 075.0 | 000.1000 | -0071.3 | 005.6 | 182.1 | 002.1000 | 0076.9 | 033.6 | 51.51 | |
| 076.0 | 000.1000 | -0068.1 | 005.6 | 182.1 | 002.1000 | 0077.3 | 033.6 | 51.52 | |
| 077.0 | 000.1000 | -0062.8 | 005.6 | 182.0 | 002.1000 | 0077.8 | 033.7 | 51.53 | |
| 078.0 | 000.1000 | -0049.0 | 005.6 | 182.0 | 002.1000 | 0078.3 | 033.8 | 51.54 | |
| 079.0 | 000.1000 | -0031.2 | 005.6 | 181.9 | 002.1000 | 0078.7 | 033.9 | 51.55 | |
| 080.0 | 000.1000 | -0015.5 | 005.6 | 181.9 | 002.1000 | 0079.2 | 034.0 | 51.56 | |
| 081.0 | 000.1000 | -0011.3 | 005.6 | 181.9 | 002.1000 | 0079.6 | 034.1 | 51.56 | |
| 082.0 | 000.1000 | -0013.6 | 005.6 | 181.8 | 002.1000 | 0080.0 | 034.2 | 51.56 | |
| 083.0 | 000.1000 | -0016.4 | 005.6 | 181.8 | 002.1000 | 0080.3 | 034.3 | 51.55 | |
| 084.0 | 000.1000 | -0015.4 | 005.6 | 181.8 | 002.1000 | 0080.7 | 034.4 | 51.54 | |
| 085.0 | 000.1000 | -0009.0 | 005.6 | 181.8 | 002.1000 | 0080.9 | 034.5 | 51.53 | |
| 086.0 | 000.1000 | 0001.8 | 005.6 | 181.8 | 002.1000 | 0081.2 | 034.6 | 51.51 | |
| 087.0 | 000.1000 | 0010.9 | 005.6 | 181.7 | 002.1000 | 0081.4 | 034.7 | 51.49 | |
| 088.0 | 000.1000 | 0019.4 | 005.6 | 181.7 | 002.1000 | 0081.6 | 034.8 | 51.47 | |
| 089.0 | 000.1000 | 0036.2 | 006.1 | 180.9 | 002.1000 | 0090.2 | 034.9 | 52.32 | |
| 090.0 | 000.1000 | 0053.0 | 007.5 | 178.7 | 002.1000 | 0107.0 | 035.0 | 53.78 | |
| 091.0 | 000.1000 | 0069.6 | 008.6 | 176.9 | 002.1000 | 0119.7 | 035.2 | 54.62** | 1.32 |
| 092.0 | 000.1000 | 0072.6 | 008.8 | 176.6 | 002.1000 | 0121.3 | 035.4 | 54.64** | 1.37 |
| 093.0 | 000.1000 | 0069.5 | 008.6 | 176.9 | 002.1000 | 0119.4 | 035.5 | 54.46** | 0.98 |
| 094.0 | 000.1000 | 0062.5 | 008.2 | 177.7 | 002.1000 | 0115.0 | 035.6 | 54.12** | 0.25 |
| 095.0 | 000.1000 | 0057.8 | 007.8 | 178.2 | 002.1000 | 0110.5 | 035.7 | 53.74 | |
| 096.0 | 000.1000 | 0049.1 | 007.2 | 179.3 | 002.1000 | 0102.6 | 035.7 | 53.08 | |
| 097.0 | 000.1000 | 0038.0 | 006.3 | 180.7 | 002.1000 | 0091.6 | 035.8 | 52.07 | |
| 098.0 | 000.1000 | 0026.5 | 005.6 | 181.8 | 002.1000 | 0081.1 | 035.8 | 50.98 | |
| 099.0 | 000.1000 | 0019.0 | 005.6 | 181.8 | 002.1000 | 0080.8 | 035.9 | 50.91 | |
| 100.0 | 000.1000 | 0017.9 | 005.6 | 181.8 | 002.1000 | 0080.5 | 036.0 | 50.84 | |

Contour-to-Contour Map - Proposed Site
Prc Denver-i, Llc

FMCommander Single Allocation Study - 04-04-2012 - GLOBE 30 Sec
KVOD.A's Overlaps (In= 0.59 km, Out= 4.32 km)

KVOD.A CH 201 C3 DA                          1205743 CH 202 A   DA   BNPED20071019AIY
Lat= 39 43 49.0,   Lng= 105 15 00.0          Lat= 39 43 56.0,   Lng= 105 40 38.0
2.1 kW  251.2 M HAAT, 2334 M COR             2.0 kW -195 M HAAT, 3018 M COR
Prot.= 60 dBu,  Intef.= 54 dBu               Prot.= 60 dBu,  Intef.= 54 dBu
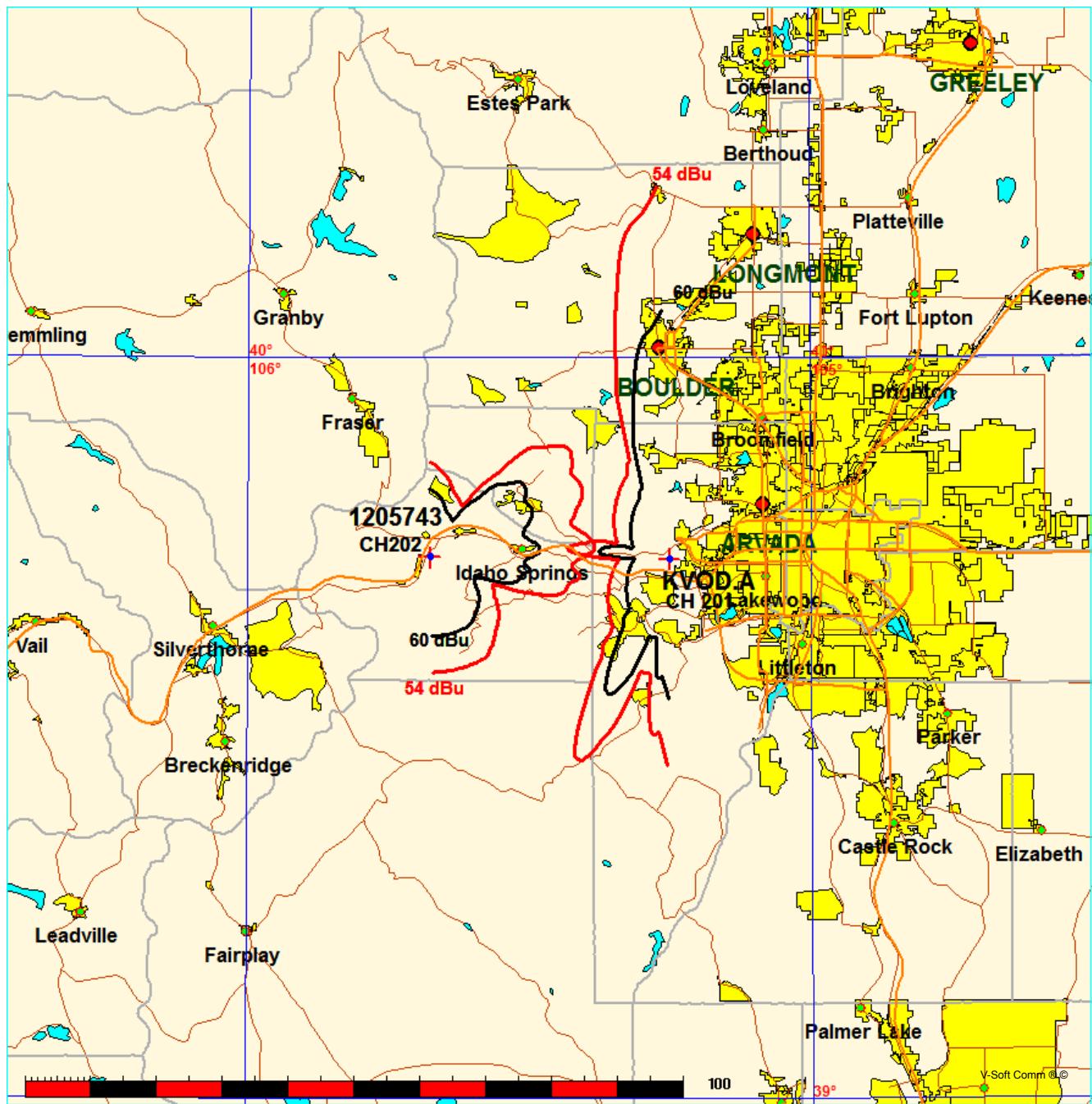
KVOD.A                                   1205743   BNPED20071019AIY

Channel =  201C3                Channel = 202A
Max ERP = 2.1 kW                Max ERP = 2 kW
RCAMSL =   2334 M               RCAMSL =   3018 M
N. Lat. 39 43 49.0             N. Lat. 39 43 56.0
W. Lng. 105 15 00.0           W. Lng. 105 40 38.0
Protected                       Interfering
   60  dBu                         54  dBu

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) | IX (km) |
|---|---|---|---|---|---|---|---|---|---|
| 180.0 | 002.1000 | 0097.0 | 022.0 | 121.2 | 000.4267 | -0044.2 | 042.8 | 33.99 | |
| 181.0 | 002.1000 | 0089.3 | 021.1 | 120.4 | 000.3935 | -0047.8 | 042.0 | 33.86 | |
| 182.0 | 002.1000 | 0078.0 | 019.7 | 118.9 | 000.3624 | -0052.0 | 041.0 | 33.80 | |
| 183.0 | 002.1000 | 0070.4 | 018.7 | 117.8 | 000.3476 | -0049.3 | 040.3 | 33.84 | |
| 184.0 | 002.1000 | 0064.0 | 017.8 | 116.9 | 000.3344 | -0040.2 | 039.7 | 33.88 | |
| 185.0 | 002.1000 | 0065.8 | 018.1 | 117.4 | 000.3414 | -0045.5 | 039.5 | 34.03 | |
| 186.0 | 002.1000 | 0066.1 | 018.1 | 117.6 | 000.3446 | -0047.6 | 039.2 | 34.16 | |
| 187.0 | 002.1000 | 0062.7 | 017.7 | 117.2 | 000.3381 | -0043.1 | 038.7 | 34.23 | |
| 188.0 | 002.1000 | 0051.5 | 015.9 | 114.8 | 000.3059 | -0002.5 | 037.9 | 34.08 | |
| 189.0 | 002.1000 | 0040.8 | 014.0 | 112.1 | 000.2714 | 0040.8 | 037.1 | 36.03 | |
| 190.0 | 002.1000 | 0028.6 | 012.1 | 109.4 | 000.2404 | 0082.5 | 036.5 | 41.39 | |
| 191.0 | 002.1000 | 0019.3 | 012.1 | 109.4 | 000.2409 | 0081.7 | 036.3 | 41.41 | |
| 192.0 | 002.1000 | 0014.4 | 012.1 | 109.5 | 000.2414 | 0081.0 | 036.1 | 41.43 | |
| 193.0 | 002.1000 | 0015.8 | 012.1 | 109.5 | 000.2417 | 0080.4 | 035.9 | 41.47 | |
| 194.0 | 002.1000 | 0021.3 | 012.1 | 109.5 | 000.2421 | 0079.9 | 035.7 | 41.51 | |
| 195.0 | 002.1000 | 0029.4 | 012.1 | 109.6 | 000.2424 | 0079.4 | 035.5 | 41.56 | |
| 196.0 | 002.1000 | 0039.5 | 013.8 | 112.2 | 000.2730 | 0038.9 | 035.4 | 36.31 | |
| 197.0 | 002.1000 | 0048.7 | 015.4 | 114.8 | 000.3065 | -0003.4 | 035.4 | 34.96 | |
| 198.0 | 002.1000 | 0057.8 | 017.0 | 117.4 | 000.3421 | -0045.9 | 035.4 | 35.45 | |
| 199.0 | 002.1000 | 0066.2 | 018.1 | 119.4 | 000.3698 | -0051.1 | 035.3 | 35.82 | |
| 200.0 | 002.1000 | 0074.8 | 019.3 | 121.3 | 000.4346 | -0043.3 | 035.2 | 36.55 | |
| 201.0 | 002.0152 | 0083.4 | 020.2 | 122.9 | 000.5040 | -0029.1 | 035.0 | 37.25 | |
| 202.0 | 001.9321 | 0093.0 | 021.1 | 124.5 | 000.5832 | -0006.9 | 034.9 | 37.94 | |
| 203.0 | 001.8508 | 0101.5 | 021.8 | 125.8 | 000.6508 | 0006.5 | 034.7 | 38.49 | |
| 204.0 | 001.7713 | 0108.1 | 022.3 | 126.7 | 000.6979 | 0010.3 | 034.4 | 38.90 | |
| 205.0 | 001.6934 | 0111.8 | 022.4 | 127.0 | 000.7170 | 0010.2 | 034.0 | 39.14 | |
| 206.0 | 001.6174 | 0113.0 | 022.3 | 126.9 | 000.7122 | 0010.2 | 033.6 | 39.27 | |
| 207.0 | 001.5431 | 0109.8 | 021.7 | 126.1 | 000.6687 | 0008.5 | 033.2 | 39.17 | |
| 208.0 | 001.4705 | 0103.4 | 020.9 | 124.7 | 000.5946 | -0004.0 | 032.7 | 38.85 | |
| 209.0 | 001.3997 | 0094.5 | 019.7 | 122.7 | 000.4951 | -0031.5 | 032.2 | 38.24 | |
| 210.0 | 001.3306 | 0085.1 | 018.3 | 120.3 | 000.3925 | -0047.9 | 031.8 | 37.38 | |
| 211.0 | 001.2763 | 0075.8 | 017.0 | 117.9 | 000.3488 | -0049.9 | 031.5 | 36.98 | |
| 212.0 | 001.2232 | 0066.7 | 015.7 | 115.5 | 000.3150 | -0015.7 | 031.3 | 36.62 | |
| 213.0 | 001.1712 | 0058.1 | 014.5 | 113.3 | 000.2867 | 0021.9 | 031.2 | 36.25 | |
| 214.0 | 001.1203 | 0050.7 | 013.4 | 111.2 | 000.2612 | 0053.5 | 031.2 | 40.55 | |
| 215.0 | 001.0706 | 0044.9 | 012.5 | 109.4 | 000.2412 | 0081.3 | 031.2 | 43.70 | |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|---|---|---|---|---|---|---|---|---|
| 216.0 | 001.0220 | 0042.4 | 012.0 | 108.5 | 000.2323 | 0094.5 | 031.1 | 44.95 |
| 217.0 | 000.9745 | 0042.5 | 011.9 | 108.1 | 000.2293 | 0099.0 | 031.0 | 45.40 |
| 218.0 | 000.9281 | 0041.4 | 011.6 | 107.5 | 000.2237 | 0107.0 | 030.9 | 46.06 |
| 219.0 | 000.8829 | 0034.0 | 010.4 | 105.4 | 000.2048 | 0129.3 | 031.1 | 47.13 |
| 220.0 | 000.8388 | 0022.5 | 009.7 | 104.1 | 000.1940 | 0137.4 | 031.3 | 47.34 |
| 221.0 | 000.8046 | 0015.0 | 009.6 | 103.8 | 000.1915 | 0138.5 | 031.2 | 47.41 |
| 222.0 | 000.7712 | 0014.9 | 009.5 | 103.5 | 000.1889 | 0139.6 | 031.1 | 47.47 |
| 223.0 | 000.7385 | 0018.8 | 009.4 | 103.2 | 000.1863 | 0140.7 | 031.0 | 47.54 |
| 224.0 | 000.7064 | 0022.1 | 009.3 | 102.8 | 000.1837 | 0141.9 | 030.9 | 47.60 |
| 225.0 | 000.6751 | 0020.3 | 009.2 | 102.5 | 000.1810 | 0143.0 | 030.8 | 47.65 |
| 226.0 | 000.6445 | 0012.5 | 009.1 | 102.2 | 000.1783 | 0144.1 | 030.7 | 47.70 |
| 227.0 | 000.6146 | 0002.4 | 009.0 | 101.8 | 000.1756 | 0145.3 | 030.7 | 47.74 |
| 228.0 | 000.5854 | -0007.8 | 008.9 | 101.5 | 000.1729 | 0146.6 | 030.6 | 47.79 |
| 229.0 | 000.5570 | -0017.9 | 008.8 | 101.2 | 000.1702 | 0148.6 | 030.5 | 47.88 |
| 230.0 | 000.5292 | -0030.6 | 008.6 | 100.8 | 000.1675 | 0151.2 | 030.5 | 47.99 |
| 231.0 | 000.5077 | -0044.3 | 008.5 | 100.5 | 000.1650 | 0153.7 | 030.4 | 48.10 |
| 232.0 | 000.4867 | -0055.6 | 008.4 | 100.2 | 000.1625 | 0156.6 | 030.4 | 48.24 |
| 233.0 | 000.4661 | -0063.8 | 008.3 | 099.8 | 000.1603 | 0160.0 | 030.4 | 48.40 |
| 234.0 | 000.4459 | -0072.2 | 008.2 | 099.5 | 000.1583 | 0163.4 | 030.3 | 48.56 |
| 235.0 | 000.4262 | -0085.9 | 008.1 | 099.2 | 000.1562 | 0166.6 | 030.3 | 48.70 |
| 236.0 | 000.4069 | -0104.8 | 008.0 | 098.9 | 000.1542 | 0169.9 | 030.3 | 48.83 |
| 237.0 | 000.3881 | -0126.0 | 007.9 | 098.5 | 000.1523 | 0173.5 | 030.2 | 48.97 |
| 238.0 | 000.3697 | -0143.1 | 007.8 | 098.2 | 000.1503 | 0176.8 | 030.2 | 49.09 |
| 239.0 | 000.3518 | -0151.8 | 007.7 | 097.9 | 000.1484 | 0179.2 | 030.2 | 49.15 |
| 240.0 | 000.3343 | -0151.3 | 007.6 | 097.6 | 000.1465 | 0180.7 | 030.2 | 49.17 |
| 241.0 | 000.3207 | -0143.9 | 007.5 | 097.3 | 000.1447 | 0182.2 | 030.2 | 49.19 |
| 242.0 | 000.3074 | -0135.5 | 007.5 | 097.0 | 000.1430 | 0183.3 | 030.2 | 49.19 |
| 243.0 | 000.2944 | -0130.6 | 007.4 | 096.7 | 000.1413 | 0183.8 | 030.2 | 49.17 |
| 244.0 | 000.2816 | -0130.6 | 007.3 | 096.4 | 000.1396 | 0183.5 | 030.2 | 49.11 |
| 245.0 | 000.2691 | -0131.1 | 007.2 | 096.1 | 000.1379 | 0182.5 | 030.2 | 49.01 |
| 246.0 | 000.2570 | -0126.0 | 007.1 | 095.8 | 000.1363 | 0181.1 | 030.2 | 48.88 |
| 247.0 | 000.2451 | -0114.7 | 007.1 | 095.5 | 000.1347 | 0179.6 | 030.2 | 48.76 |
| 248.0 | 000.2334 | -0101.2 | 007.0 | 095.3 | 000.1331 | 0178.2 | 030.2 | 48.63 |
| 249.0 | 000.2221 | -0089.6 | 006.9 | 095.0 | 000.1315 | 0176.4 | 030.2 | 48.48 |
| 250.0 | 000.2110 | -0080.3 | 006.8 | 094.7 | 000.1299 | 0174.6 | 030.3 | 48.32 |
| 251.0 | 000.2025 | -0073.1 | 006.7 | 094.5 | 000.1285 | 0174.0 | 030.3 | 48.23 |
| 252.0 | 000.1941 | -0065.6 | 006.7 | 094.2 | 000.1271 | 0174.2 | 030.3 | 48.19 |
| 253.0 | 000.1859 | -0058.9 | 006.6 | 093.9 | 000.1257 | 0174.7 | 030.3 | 48.15 |
| 254.0 | 000.1778 | -0053.4 | 006.5 | 093.7 | 000.1243 | 0175.3 | 030.4 | 48.11 |
| 255.0 | 000.1700 | -0047.1 | 006.4 | 093.4 | 000.1229 | 0176.2 | 030.4 | 48.09 |
| 256.0 | 000.1623 | -0041.8 | 006.4 | 093.2 | 000.1216 | 0177.4 | 030.4 | 48.08 |
| 257.0 | 000.1548 | -0033.6 | 006.3 | 093.0 | 000.1203 | 0178.9 | 030.5 | 48.08 |
| 258.0 | 000.1475 | -0024.0 | 006.2 | 092.7 | 000.1190 | 0180.6 | 030.5 | 48.09 |
| 259.0 | 000.1403 | -0016.6 | 006.1 | 092.5 | 000.1178 | 0182.5 | 030.6 | 48.10 |
| 260.0 | 000.1334 | -0014.7 | 006.1 | 092.3 | 000.1166 | 0184.6 | 030.6 | 48.12 |
| 261.0 | 000.1279 | -0016.8 | 006.0 | 092.0 | 000.1154 | 0187.2 | 030.7 | 48.17 |
| 262.0 | 000.1226 | -0025.5 | 005.9 | 091.8 | 000.1143 | 0190.1 | 030.7 | 48.23 |
| 263.0 | 000.1174 | -0031.4 | 005.9 | 091.6 | 000.1132 | 0193.3 | 030.7 | 48.30 |
| 264.0 | 000.1123 | -0030.7 | 005.8 | 091.4 | 000.1121 | 0196.4 | 030.8 | 48.37 |
| 265.0 | 000.1073 | -0025.9 | 005.7 | 091.2 | 000.1111 | 0199.4 | 030.8 | 48.43 |
| 266.0 | 000.1024 | -0015.0 | 005.7 | 091.0 | 000.1101 | 0203.1 | 030.9 | 48.52 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|---|---|---|---|---|---|---|---|---|
| 267.0 | 000.0976 | -0000.8 | 005.6 | 090.8 | 000.1091 | 0206.7 | 031.0 | 48.60 |
| 268.0 | 000.0930 | 0014.4 | 005.5 | 090.6 | 000.1081 | 0210.2 | 031.0 | 48.67 |
| 269.0 | 000.0884 | 0030.4 | 005.5 | 090.5 | 000.1072 | 0213.6 | 031.1 | 48.76 |
| 270.0 | 000.0840 | 0050.6 | 007.0 | 090.3 | 000.1064 | 0216.5 | 029.6 | 49.70 |
| 271.0 | 000.0844 | 0069.3 | 008.2 | 090.0 | 000.1051 | 0221.5 | 028.3 | 50.60 |
| 272.0 | 000.0848 | 0088.1 | 009.3 | 089.7 | 000.1043 | 0228.5 | 027.2 | 51.54 |
| 273.0 | 000.0853 | 0106.8 | 010.2 | 089.2 | 000.1034 | 0237.2 | 026.3 | 52.43 |
| 274.0 | 000.0857 | 0117.9 | 010.7 | 088.7 | 000.1025 | 0246.2 | 025.8 | 53.03 |
| 275.0 | 000.0861 | 0122.3 | 010.9 | 088.3 | 000.1017 | 0254.7 | 025.7 | 53.39 |
| 276.0 | 000.0865 | 0122.0 | 010.9 | 087.8 | 000.1010 | 0262.5 | 025.7 | 53.58 |
| 277.0 | 000.0870 | 0113.6 | 010.6 | 087.5 | 000.1004 | 0264.7 | 026.1 | 53.38 |
| 278.0 | 000.0874 | 0106.4 | 010.3 | 087.3 | 000.0999 | 0263.9 | 026.4 | 53.11 |
| 279.0 | 000.0878 | 0097.4 | 009.9 | 087.1 | 000.0996 | 0263.2 | 026.8 | 52.77 |
| 280.0 | 000.0883 | 0087.7 | 009.4 | 086.9 | 000.0993 | 0263.0 | 027.4 | 52.41 |
| 281.0 | 000.0929 | 0080.0 | 009.1 | 086.8 | 000.0990 | 0263.0 | 027.7 | 52.18 |
| 282.0 | 000.0976 | 0071.5 | 008.7 | 086.6 | 000.0988 | 0263.2 | 028.1 | 51.91 |
| 283.0 | 000.1025 | 0062.2 | 008.2 | 086.6 | 000.0988 | 0263.2 | 028.6 | 51.59 |
| 284.0 | 000.1074 | 0049.8 | 007.4 | 086.8 | 000.0992 | 0263.0 | 029.4 | 51.10 |
| 285.0 | 000.1125 | 0031.5 | 005.9 | 087.4 | 000.1002 | 0264.6 | 030.8 | 50.39 |
| 286.0 | 000.1178 | 0010.6 | 005.9 | 087.3 | 000.1000 | 0264.0 | 030.9 | 50.31 |
| 287.0 | 000.1231 | -0010.3 | 005.9 | 087.1 | 000.0996 | 0263.3 | 030.9 | 50.29 |
| 288.0 | 000.1285 | -0028.4 | 006.0 | 086.8 | 000.0992 | 0263.0 | 030.9 | 50.27 |
| 289.0 | 000.1341 | -0041.4 | 006.1 | 086.6 | 000.0988 | 0263.3 | 030.9 | 50.28 |
| 290.0 | 000.1398 | -0051.1 | 006.1 | 086.4 | 000.0984 | 0264.1 | 030.8 | 50.30 |
| 291.0 | 000.1470 | -0057.9 | 006.2 | 086.1 | 000.0979 | 0265.1 | 030.8 | 50.33 |
| 292.0 | 000.1545 | -0064.5 | 006.3 | 085.9 | 000.0975 | 0265.9 | 030.8 | 50.34 |
| 293.0 | 000.1621 | -0071.3 | 006.4 | 085.6 | 000.0971 | 0266.3 | 030.8 | 50.35 |
| 294.0 | 000.1699 | -0078.8 | 006.4 | 085.4 | 000.0966 | 0266.4 | 030.8 | 50.34 |
| 295.0 | 000.1778 | -0089.2 | 006.5 | 085.2 | 000.0962 | 0266.5 | 030.7 | 50.33 |
| 296.0 | 000.1860 | -0103.7 | 006.6 | 084.9 | 000.0957 | 0266.4 | 030.7 | 50.31 |
| 297.0 | 000.1943 | -0121.4 | 006.7 | 084.6 | 000.0953 | 0266.2 | 030.7 | 50.28 |
| 298.0 | 000.2029 | -0140.8 | 006.7 | 084.4 | 000.0948 | 0265.9 | 030.7 | 50.25 |
| 299.0 | 000.2116 | -0158.1 | 006.8 | 084.1 | 000.0944 | 0265.3 | 030.7 | 50.21 |
| 300.0 | 000.2204 | -0169.0 | 006.9 | 083.9 | 000.0940 | 0264.5 | 030.8 | 50.16 |
| 301.0 | 000.2320 | -0169.3 | 007.0 | 083.6 | 000.0935 | 0263.5 | 030.8 | 50.10 |
| 302.0 | 000.2439 | -0160.5 | 007.0 | 083.3 | 000.0930 | 0262.5 | 030.8 | 50.04 |
| 303.0 | 000.2561 | -0147.0 | 007.1 | 083.0 | 000.0925 | 0261.4 | 030.8 | 49.98 |
| 304.0 | 000.2685 | -0130.1 | 007.2 | 082.7 | 000.0920 | 0260.2 | 030.8 | 49.91 |
| 305.0 | 000.2813 | -0111.3 | 007.3 | 082.5 | 000.0915 | 0258.4 | 030.8 | 49.82 |
| 306.0 | 000.2944 | -0094.5 | 007.4 | 082.2 | 000.0911 | 0256.0 | 030.8 | 49.70 |
| 307.0 | 000.3077 | -0084.7 | 007.5 | 081.9 | 000.0906 | 0253.0 | 030.9 | 49.56 |
| 308.0 | 000.3214 | -0084.3 | 007.6 | 081.6 | 000.0901 | 0249.7 | 030.9 | 49.42 |
| 309.0 | 000.3353 | -0091.7 | 007.6 | 081.3 | 000.0896 | 0246.3 | 030.9 | 49.26 |
| 310.0 | 000.3496 | -0103.8 | 007.7 | 081.1 | 000.0891 | 0242.9 | 031.0 | 49.10 |
| 311.0 | 000.3680 | -0117.8 | 007.8 | 080.7 | 000.0886 | 0239.4 | 031.0 | 48.94 |
| 312.0 | 000.3868 | -0131.8 | 007.9 | 080.4 | 000.0881 | 0236.4 | 031.1 | 48.78 |
| 313.0 | 000.4062 | -0145.1 | 008.0 | 080.1 | 000.0876 | 0233.8 | 031.1 | 48.64 |
| 314.0 | 000.4260 | -0156.7 | 008.1 | 079.8 | 000.0874 | 0231.2 | 031.2 | 48.51 |
| 315.0 | 000.4463 | -0167.5 | 008.2 | 079.5 | 000.0874 | 0228.6 | 031.2 | 48.38 |
| 316.0 | 000.4671 | -0175.0 | 008.3 | 079.2 | 000.0874 | 0226.1 | 031.3 | 48.25 |
| 317.0 | 000.4883 | -0174.2 | 008.4 | 078.9 | 000.0875 | 0223.8 | 031.3 | 48.13 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|---|---|---|---|---|---|---|---|---|
| 318.0 | 000.5100 | -0163.1 | 008.5 | 078.6 | 000.0875 | 0221.8 | 031.4 | 48.01 |
| 319.0 | 000.5322 | -0147.9 | 008.6 | 078.3 | 000.0875 | 0219.9 | 031.5 | 47.89 |
| 320.0 | 000.5548 | -0133.6 | 008.7 | 078.0 | 000.0875 | 0218.3 | 031.6 | 47.78 |
| 321.0 | 000.5839 | -0121.8 | 008.9 | 077.7 | 000.0876 | 0216.8 | 031.7 | 47.68 |
| 322.0 | 000.6137 | -0111.4 | 009.0 | 077.4 | 000.0876 | 0216.0 | 031.8 | 47.60 |
| 323.0 | 000.6443 | -0100.8 | 009.1 | 077.1 | 000.0876 | 0215.7 | 031.8 | 47.54 |
| 324.0 | 000.6756 | -0089.2 | 009.2 | 076.8 | 000.0876 | 0215.8 | 031.9 | 47.49 |
| 325.0 | 000.7077 | -0075.3 | 009.3 | 076.5 | 000.0877 | 0216.4 | 032.1 | 47.46 |
| 326.0 | 000.7405 | -0058.7 | 009.4 | 076.2 | 000.0877 | 0217.5 | 032.2 | 47.45 |
| 327.0 | 000.7740 | -0040.1 | 009.5 | 075.9 | 000.0877 | 0218.9 | 032.3 | 47.45 |
| 328.0 | 000.8083 | -0021.1 | 009.6 | 075.7 | 000.0877 | 0220.5 | 032.4 | 47.45 |
| 329.0 | 000.8433 | -0003.5 | 009.7 | 075.4 | 000.0877 | 0222.1 | 032.5 | 47.45 |
| 330.0 | 000.8791 | 0010.0 | 009.8 | 075.1 | 000.0878 | 0223.6 | 032.7 | 47.44 |
| 331.0 | 000.9253 | 0018.0 | 010.0 | 074.8 | 000.0878 | 0225.3 | 032.8 | 47.44 |
| 332.0 | 000.9728 | 0022.6 | 010.1 | 074.6 | 000.0878 | 0226.9 | 033.0 | 47.43 |
| 333.0 | 001.0214 | 0027.4 | 010.2 | 074.3 | 000.0878 | 0228.6 | 033.1 | 47.43 |
| 334.0 | 001.0712 | 0032.4 | 010.7 | 073.4 | 000.0879 | 0235.5 | 033.2 | 47.65 |
| 335.0 | 001.1222 | 0033.8 | 011.0 | 072.8 | 000.0880 | 0240.7 | 033.3 | 47.76 |
| 336.0 | 001.1743 | 0033.5 | 011.1 | 072.7 | 000.0880 | 0242.2 | 033.5 | 47.73 |
| 337.0 | 001.2277 | 0033.2 | 011.2 | 072.5 | 000.0880 | 0243.6 | 033.7 | 47.68 |
| 338.0 | 001.2822 | 0035.6 | 011.6 | 071.7 | 000.0881 | 0250.3 | 033.9 | 47.83 |
| 339.0 | 001.3380 | 0041.4 | 012.6 | 070.0 | 000.0881 | 0267.2 | 034.0 | 48.30 |
| 340.0 | 001.3949 | 0051.9 | 014.3 | 067.1 | 000.0846 | 0289.5 | 034.3 | 48.69 |
| 341.0 | 001.4589 | 0064.0 | 016.1 | 064.2 | 000.0810 | 0301.0 | 034.7 | 48.65 |
| 342.0 | 001.5244 | 0075.5 | 017.8 | 061.5 | 000.0778 | 0299.3 | 035.2 | 48.16 |
| 343.0 | 001.5913 | 0084.2 | 019.1 | 059.6 | 000.0776 | 0296.8 | 035.8 | 47.80 |
| 344.0 | 001.6597 | 0093.2 | 020.4 | 057.8 | 000.0844 | 0301.0 | 036.5 | 47.98 |
| 345.0 | 001.7295 | 0103.3 | 021.7 | 056.0 | 000.0914 | 0301.2 | 037.2 | 47.98 |
| 346.0 | 001.8007 | 0116.7 | 023.2 | 054.1 | 000.0993 | 0296.3 | 038.1 | 47.78 |
| 347.0 | 001.8734 | 0130.1 | 024.4 | 052.5 | 000.1058 | 0289.8 | 039.0 | 47.46 |
| 348.0 | 001.9475 | 0146.8 | 026.0 | 050.8 | 000.1134 | 0271.6 | 040.0 | 46.71 |
| 349.0 | 002.0230 | 0168.2 | 027.9 | 048.8 | 000.1171 | 0244.0 | 041.3 | 45.34 |
| 350.0 | 002.1000 | 0189.6 | 029.7 | 047.1 | 000.1171 | 0223.5 | 042.7 | 43.92 |
| 351.0 | 002.1000 | 0211.5 | 031.3 | 045.6 | 000.1171 | 0211.2 | 044.1 | 42.75 |
| 352.0 | 002.1000 | 0226.4 | 032.5 | 044.9 | 000.1171 | 0205.5 | 045.2 | 42.00 |
| 353.0 | 002.1000 | 0237.9 | 033.3 | 044.5 | 000.1171 | 0202.6 | 046.2 | 41.47 |
| 354.0 | 002.1000 | 0248.0 | 033.9 | 044.3 | 000.1171 | 0201.1 | 047.0 | 41.05 |
| 355.0 | 002.1000 | 0254.6 | 034.3 | 044.4 | 000.1171 | 0201.9 | 047.7 | 40.79 |
| 356.0 | 002.1000 | 0267.9 | 035.1 | 044.1 | 000.1171 | 0199.6 | 048.7 | 40.30 |
| 357.0 | 002.1000 | 0283.0 | 036.0 | 043.9 | 000.1171 | 0197.0 | 049.8 | 39.76 |
| 358.0 | 002.1000 | 0302.9 | 037.1 | 043.4 | 000.1171 | 0192.2 | 051.0 | 39.07 |
| 359.0 | 002.1000 | 0324.2 | 038.3 | 043.1 | 000.1171 | 0186.6 | 052.3 | 38.31 |

1205743   BNPED20071019AIY                  KVOD.A

Channel = 202A                            Channel =  201C3
Max ERP = 2 kW                            Max ERP = 2.1 kW
RCAMSL =   3018 M                         RCAMSL =   2334 M
N. Lat. 39 43 56.0                        N. Lat. 39 43 49.0
W. Lng. 105 40 38.0                       W. Lng. 105 15 00.0
Protected                                 Interfering
   60  dBu                                   54  dBu


| Azimuth | ERP | HAAT | Dist | Azimuth | ERP | HAAT | Dist | Actual | IX |
|---------|-----|------|------|---------|-----|------|------|--------|-----|
| (degrees) | (kW) | (m) | (km) | (degrees) | (kW) | (m) | (km) | (dBu) | (km) |
|-----------|------|-----|------|-----------|------|-----|------|-------|------|
| 000.0 | 000.9997 | -0347.8 | 010.2 | 286.0 | 000.1179 | 0010.1 | 038.0 | 29.91 | |
| 001.0 | 000.9616 | -0327.2 | 010.1 | 286.0 | 000.1175 | 0011.6 | 037.8 | 29.96 | |
| 002.0 | 000.9243 | -0306.7 | 010.0 | 285.9 | 000.1171 | 0013.3 | 037.6 | 30.01 | |
| 003.0 | 000.8876 | -0292.7 | 009.9 | 285.8 | 000.1166 | 0015.2 | 037.4 | 30.06 | |
| 004.0 | 000.8518 | -0287.6 | 009.8 | 285.7 | 000.1161 | 0017.3 | 037.2 | 30.11 | |
| 005.0 | 000.8166 | -0285.5 | 009.7 | 285.6 | 000.1155 | 0019.5 | 037.0 | 30.15 | |
| 006.0 | 000.7823 | -0280.2 | 009.6 | 285.5 | 000.1149 | 0022.0 | 036.8 | 30.19 | |
| 007.0 | 000.7486 | -0279.0 | 009.4 | 285.3 | 000.1143 | 0024.6 | 036.6 | 30.23 | |
| 008.0 | 000.7157 | -0273.6 | 009.3 | 285.2 | 000.1136 | 0027.3 | 036.5 | 30.26 | |
| 009.0 | 000.6835 | -0263.2 | 009.2 | 285.1 | 000.1128 | 0030.3 | 036.3 | 30.36 | |
| 010.0 | 000.6521 | -0249.3 | 009.1 | 284.9 | 000.1121 | 0033.4 | 036.1 | 31.06 | |
| 011.0 | 000.6074 | -0237.3 | 009.0 | 284.7 | 000.1108 | 0038.3 | 036.0 | 32.08 | |
| 012.0 | 000.5643 | -0226.8 | 008.8 | 284.4 | 000.1094 | 0043.2 | 035.8 | 33.05 | |
| 013.0 | 000.5229 | -0211.3 | 008.6 | 284.1 | 000.1080 | 0047.9 | 035.6 | 33.91 | |
| 014.0 | 000.4829 | -0191.5 | 008.4 | 283.8 | 000.1066 | 0052.4 | 035.5 | 34.66 | |
| 015.0 | 000.4446 | -0169.2 | 008.2 | 283.5 | 000.1050 | 0056.5 | 035.3 | 35.27 | |
| 016.0 | 000.4079 | -0147.5 | 008.0 | 283.2 | 000.1034 | 0060.2 | 035.2 | 35.76 | |
| 017.0 | 000.3727 | -0129.6 | 007.9 | 282.9 | 000.1018 | 0063.5 | 035.1 | 36.14 | |
| 018.0 | 000.3392 | -0115.8 | 007.7 | 282.5 | 000.1002 | 0066.7 | 035.0 | 36.50 | |
| 019.0 | 000.3072 | -0108.4 | 007.5 | 282.2 | 000.0985 | 0069.8 | 034.9 | 36.85 | |
| 020.0 | 000.2768 | -0104.0 | 007.3 | 281.8 | 000.0969 | 0073.0 | 034.8 | 37.18 | |
| 021.0 | 000.2662 | -0102.7 | 007.2 | 281.7 | 000.0962 | 0074.3 | 034.6 | 37.35 | |
| 022.0 | 000.2558 | -0103.0 | 007.1 | 281.5 | 000.0954 | 0075.7 | 034.5 | 37.52 | |
| 023.0 | 000.2456 | -0102.7 | 007.1 | 281.4 | 000.0947 | 0077.1 | 034.4 | 37.69 | |
| 024.0 | 000.2356 | -0099.4 | 007.0 | 281.2 | 000.0939 | 0078.3 | 034.3 | 37.84 | |
| 025.0 | 000.2258 | -0092.9 | 006.9 | 281.1 | 000.0931 | 0079.6 | 034.2 | 37.99 | |
| 026.0 | 000.2162 | -0086.7 | 006.8 | 280.9 | 000.0923 | 0080.9 | 034.1 | 38.13 | |
| 027.0 | 000.2069 | -0080.7 | 006.8 | 280.7 | 000.0915 | 0082.2 | 034.0 | 38.27 | |
| 028.0 | 000.1977 | -0070.7 | 006.7 | 280.5 | 000.0907 | 0083.5 | 033.9 | 38.42 | |
| 029.0 | 000.1887 | -0055.4 | 006.6 | 280.3 | 000.0898 | 0084.9 | 033.9 | 38.56 | |
| 030.0 | 000.1800 | -0037.1 | 006.5 | 280.1 | 000.0889 | 0086.4 | 033.8 | 38.71 | |
| 031.0 | 000.1731 | -0019.2 | 006.5 | 280.0 | 000.0882 | 0087.9 | 033.7 | 38.87 | |
| 032.0 | 000.1663 | -0004.1 | 006.4 | 279.8 | 000.0882 | 0089.4 | 033.6 | 39.06 | |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|---|---|---|---|---|---|---|---|---|
| 033.0 | 000.1597 | 0008.7 | 006.3 | 279.6 | 000.0881 | 0091.1 | 033.5 | 39.26 |
| 034.0 | 000.1532 | 0025.3 | 006.3 | 279.5 | 000.0880 | 0093.0 | 033.5 | 39.47 |
| 035.0 | 000.1469 | 0046.8 | 007.7 | 281.7 | 000.0960 | 0074.7 | 032.8 | 38.22 |
| 036.0 | 000.1407 | 0065.9 | 009.2 | 283.9 | 000.1071 | 0050.8 | 032.1 | 35.85 |
| 037.0 | 000.1346 | 0080.1 | 010.0 | 285.1 | 000.1132 | 0028.8 | 031.6 | 32.06 |
| 038.0 | 000.1286 | 0090.7 | 010.5 | 285.8 | 000.1169 | 0013.8 | 031.3 | 32.35 |
| 039.0 | 000.1228 | 0101.3 | 010.9 | 286.5 | 000.1202 | 0000.7 | 030.9 | 32.62 |
| 040.0 | 000.1171 | 0116.4 | 011.5 | 287.4 | 000.1250 | -0017.2 | 030.5 | 32.98 |
| 041.0 | 000.1171 | 0139.2 | 012.5 | 289.0 | 000.1342 | -0041.7 | 029.9 | 33.57 |
| 042.0 | 000.1171 | 0165.1 | 013.8 | 291.1 | 000.1475 | -0058.3 | 029.3 | 34.31 |
| 043.0 | 000.1171 | 0185.8 | 014.6 | 292.4 | 000.1577 | -0067.4 | 028.7 | 34.88 |
| 044.0 | 000.1171 | 0198.3 | 015.1 | 293.1 | 000.1629 | -0072.0 | 028.3 | 35.24 |
| 045.0 | 000.1171 | 0206.7 | 015.4 | 293.5 | 000.1660 | -0074.8 | 028.0 | 35.53 |
| 046.0 | 000.1171 | 0214.2 | 015.7 | 293.9 | 000.1687 | -0077.5 | 027.6 | 35.81 |
| 047.0 | 000.1171 | 0222.9 | 016.0 | 294.3 | 000.1720 | -0081.3 | 027.2 | 36.12 |
| 048.0 | 000.1171 | 0234.3 | 016.5 | 294.9 | 000.1771 | -0088.1 | 026.8 | 36.50 |
| 049.0 | 000.1171 | 0246.4 | 016.9 | 295.5 | 000.1822 | -0096.6 | 026.3 | 36.90 |
| 050.0 | 000.1171 | 0260.2 | 017.4 | 296.3 | 000.1883 | -0108.4 | 025.9 | 37.35 |
| 051.0 | 000.1126 | 0273.9 | 017.7 | 296.6 | 000.1911 | -0114.4 | 025.5 | 37.67 |
| 052.0 | 000.1082 | 0285.4 | 017.9 | 296.7 | 000.1921 | -0116.5 | 025.1 | 37.94 |
| 053.0 | 000.1039 | 0292.3 | 017.9 | 296.5 | 000.1900 | -0112.0 | 024.8 | 38.09 |
| 054.0 | 000.0996 | 0296.0 | 017.9 | 296.0 | 000.1860 | -0103.7 | 024.6 | 38.16 |
| 055.0 | 000.0955 | 0298.4 | 017.8 | 295.4 | 000.1811 | -0094.6 | 024.3 | 38.19 |
| 056.0 | 000.0914 | 0301.2 | 017.6 | 294.8 | 000.1763 | -0086.9 | 024.1 | 38.22 |
| 057.0 | 000.0874 | 0301.7 | 017.5 | 294.0 | 000.1701 | -0079.1 | 024.0 | 38.18 |
| 058.0 | 000.0836 | 0300.4 | 017.2 | 293.1 | 000.1632 | -0072.2 | 023.9 | 38.07 |
| 059.0 | 000.0798 | 0297.8 | 016.9 | 292.2 | 000.1557 | -0065.6 | 023.8 | 37.92 |
| 060.0 | 000.0760 | 0296.9 | 016.7 | 291.3 | 000.1490 | -0059.6 | 023.7 | 37.79 |
| 061.0 | 000.0772 | 0298.1 | 016.8 | 291.0 | 000.1471 | -0058.0 | 023.4 | 37.94 |
| 062.0 | 000.0784 | 0300.3 | 016.9 | 290.8 | 000.1455 | -0056.6 | 023.1 | 38.12 |
| 063.0 | 000.0796 | 0301.9 | 017.0 | 290.5 | 000.1434 | -0054.7 | 022.8 | 38.27 |
| 064.0 | 000.0808 | 0301.4 | 017.1 | 290.1 | 000.1404 | -0051.7 | 022.6 | 38.36 |
| 065.0 | 000.0820 | 0298.9 | 017.1 | 289.5 | 000.1371 | -0047.1 | 022.4 | 38.41 |
| 066.0 | 000.0832 | 0295.5 | 017.0 | 288.9 | 000.1336 | -0040.3 | 022.2 | 38.43 |
| 067.0 | 000.0845 | 0290.5 | 016.9 | 288.2 | 000.1295 | -0030.9 | 022.0 | 38.39 |
| 068.0 | 000.0857 | 0284.0 | 016.8 | 287.3 | 000.1250 | -0017.1 | 022.0 | 38.30 |
| 069.0 | 000.0869 | 0276.4 | 016.6 | 286.4 | 000.1201 | 0001.4 | 021.9 | 38.15 |
| 070.0 | 000.0882 | 0266.7 | 016.3 | 285.4 | 000.1147 | 0022.8 | 022.0 | 37.92 |
| 071.0 | 000.0881 | 0256.7 | 016.0 | 284.3 | 000.1089 | 0045.1 | 022.1 | 41.05 |
| 072.0 | 000.0880 | 0247.5 | 015.7 | 283.3 | 000.1037 | 0059.6 | 022.2 | 43.25 |
| 073.0 | 000.0879 | 0239.4 | 015.4 | 282.3 | 000.0990 | 0068.8 | 022.3 | 44.13 |
| 074.0 | 000.0879 | 0230.7 | 015.1 | 281.3 | 000.0945 | 0077.4 | 022.5 | 44.84 |
| 075.0 | 000.0878 | 0224.4 | 014.9 | 280.5 | 000.0905 | 0083.7 | 022.5 | 45.30 |
| 076.0 | 000.0877 | 0218.5 | 014.7 | 279.7 | 000.0881 | 0090.6 | 022.6 | 45.86 |
| 077.0 | 000.0876 | 0215.7 | 014.6 | 279.0 | 000.0878 | 0097.5 | 022.6 | 46.54 |
| 078.0 | 000.0875 | 0218.1 | 014.7 | 278.5 | 000.0876 | 0102.3 | 022.5 | 47.10 |
| 079.0 | 000.0874 | 0224.6 | 014.9 | 278.0 | 000.0874 | 0106.3 | 022.2 | 47.66 |
| 080.0 | 000.0874 | 0232.7 | 015.1 | 277.6 | 000.0872 | 0109.2 | 021.8 | 48.15 |
| 081.0 | 000.0890 | 0242.2 | 015.5 | 277.2 | 000.0871 | 0111.9 | 021.4 | 48.71 |
| 082.0 | 000.0907 | 0254.0 | 016.0 | 276.8 | 000.0869 | 0115.3 | 020.8 | 49.37 |
| 083.0 | 000.0925 | 0261.3 | 016.4 | 276.3 | 000.0867 | 0120.4 | 020.4 | 50.04 |

| Azimuth<br>(degrees) | ERP<br>(kW) | HAAT<br>(m) | Dist<br>(km) | Azimuth<br>(degrees) | ERP<br>(kW) | HAAT<br>(m) | Dist<br>(km) | Actual<br>(dBu) |
|---|---|---|---|---|---|---|---|---|
| 084.0 | 000.0942 | 0265.0 | 016.6 | 275.6 | 000.0864 | 0123.2 | 020.2 | 50.43 |
| 085.0 | 000.0959 | 0266.4 | 016.7 | 274.9 | 000.0861 | 0121.8 | 020.0 | 50.47 |
| 086.0 | 000.0977 | 0265.6 | 016.8 | 274.1 | 000.0857 | 0118.3 | 019.9 | 50.28 |
| 087.0 | 000.0995 | 0263.1 | 016.8 | 273.2 | 000.0854 | 0110.6 | 019.9 | 49.71 |
| 088.0 | 000.1013 | 0259.5 | 016.7 | 272.4 | 000.0850 | 0095.3 | 019.9 | 48.31 |
| 089.0 | 000.1031 | 0241.0 | 016.1 | 271.5 | 000.0846 | 0078.2 | 020.5 | 46.04 |
| 090.0 | 000.1049 | 0222.3 | 015.5 | 270.7 | 000.0843 | 0063.1 | 021.1 | 43.74 |
| 091.0 | 000.1100 | 0203.5 | 015.0 | 270.0 | 000.0842 | 0049.8 | 021.6 | 41.30 |
| 092.0 | 000.1152 | 0187.8 | 014.6 | 269.3 | 000.0870 | 0037.1 | 022.0 | 38.43 |
| 093.0 | 000.1205 | 0178.6 | 014.4 | 268.7 | 000.0898 | 0025.2 | 022.2 | 36.72 |
| 094.0 | 000.1260 | 0174.6 | 014.4 | 268.0 | 000.0928 | 0015.0 | 022.2 | 36.85 |
| 095.0 | 000.1316 | 0176.6 | 014.7 | 267.3 | 000.0962 | 0003.8 | 022.0 | 37.16 |
| 096.0 | 000.1373 | 0182.0 | 015.1 | 266.5 | 000.1001 | -0008.7 | 021.6 | 37.59 |
| 097.0 | 000.1431 | 0183.2 | 015.3 | 265.7 | 000.1039 | -0018.7 | 021.5 | 37.87 |
| 098.0 | 000.1491 | 0178.5 | 015.3 | 265.0 | 000.1073 | -0025.9 | 021.6 | 37.95 |
| 099.0 | 000.1551 | 0168.4 | 014.9 | 264.5 | 000.1097 | -0028.8 | 021.9 | 37.77 |
| 100.0 | 000.1613 | 0158.3 | 014.6 | 264.1 | 000.1116 | -0030.4 | 022.3 | 37.53 |
| 101.0 | 000.1690 | 0149.7 | 014.3 | 263.7 | 000.1137 | -0031.1 | 022.7 | 37.36 |
| 102.0 | 000.1769 | 0144.7 | 014.2 | 263.2 | 000.1163 | -0031.4 | 022.9 | 37.33 |
| 103.0 | 000.1850 | 0141.4 | 014.2 | 262.6 | 000.1192 | -0030.6 | 023.0 | 37.36 |
| 104.0 | 000.1932 | 0137.7 | 014.1 | 262.1 | 000.1220 | -0026.5 | 023.1 | 37.36 |
| 105.0 | 000.2016 | 0132.1 | 014.0 | 261.7 | 000.1242 | -0022.5 | 023.3 | 37.26 |
| 106.0 | 000.2102 | 0124.2 | 013.7 | 261.4 | 000.1256 | -0020.0 | 023.7 | 37.06 |
| 107.0 | 000.2190 | 0113.5 | 013.2 | 261.4 | 000.1259 | -0019.5 | 024.2 | 36.72 |
| 108.0 | 000.2279 | 0101.0 | 012.6 | 261.5 | 000.1250 | -0020.9 | 024.8 | 36.25 |
| 109.0 | 000.2371 | 0087.5 | 011.9 | 261.8 | 000.1234 | -0024.0 | 025.6 | 35.70 |
| 110.0 | 000.2464 | 0073.0 | 011.1 | 262.3 | 000.1209 | -0028.5 | 026.4 | 35.07 |
| 111.0 | 000.2583 | 0057.2 | 010.0 | 263.0 | 000.1173 | -0031.4 | 027.4 | 34.34 |
| 112.0 | 000.2706 | 0041.9 | 008.6 | 264.1 | 000.1116 | -0030.3 | 028.8 | 33.35 |
| 113.0 | 000.2831 | 0026.3 | 007.3 | 265.0 | 000.1071 | -0025.6 | 029.9 | 32.58 |
| 114.0 | 000.2958 | 0010.6 | 007.4 | 264.8 | 000.1085 | -0027.5 | 029.9 | 32.64 |
| 115.0 | 000.3089 | -0006.7 | 007.5 | 264.5 | 000.1099 | -0029.1 | 029.9 | 32.70 |
| 116.0 | 000.3222 | -0025.9 | 007.6 | 264.2 | 000.1114 | -0030.2 | 029.9 | 32.76 |
| 117.0 | 000.3359 | -0041.4 | 007.6 | 263.9 | 000.1129 | -0030.9 | 029.9 | 32.81 |
| 118.0 | 000.3498 | -0050.2 | 007.7 | 263.6 | 000.1145 | -0031.3 | 029.9 | 32.87 |
| 119.0 | 000.3640 | -0051.9 | 007.8 | 263.3 | 000.1160 | -0031.4 | 029.9 | 32.92 |
| 120.0 | 000.3785 | -0049.2 | 007.9 | 263.0 | 000.1176 | -0031.4 | 030.0 | 32.97 |
| 121.0 | 000.4201 | -0045.0 | 008.1 | 262.5 | 000.1200 | -0029.7 | 029.9 | 33.10 |
| 122.0 | 000.4639 | -0038.7 | 008.3 | 262.0 | 000.1226 | -0025.5 | 029.8 | 33.24 |
| 123.0 | 000.5098 | -0027.4 | 008.5 | 261.5 | 000.1252 | -0020.6 | 029.7 | 33.36 |
| 124.0 | 000.5580 | -0013.7 | 008.8 | 261.0 | 000.1278 | -0016.9 | 029.7 | 33.48 |
| 125.0 | 000.6083 | -0000.6 | 009.0 | 260.5 | 000.1304 | -0015.2 | 029.6 | 33.58 |
| 126.0 | 000.6608 | 0007.6 | 009.2 | 260.1 | 000.1331 | -0014.7 | 029.6 | 33.68 |
| 127.0 | 000.7154 | 0010.2 | 009.3 | 259.6 | 000.1363 | -0014.6 | 029.6 | 33.79 |
| 128.0 | 000.7723 | 0006.7 | 009.5 | 259.1 | 000.1397 | -0016.1 | 029.6 | 33.90 |
| 129.0 | 000.8313 | 0000.6 | 009.7 | 258.6 | 000.1430 | -0019.1 | 029.6 | 33.99 |
| 130.0 | 000.8924 | -0006.2 | 009.9 | 258.1 | 000.1464 | -0022.7 | 029.6 | 34.08 |
| 131.0 | 000.9354 | -0014.4 | 010.0 | 257.8 | 000.1491 | -0026.0 | 029.7 | 34.13 |
| 132.0 | 000.9794 | -0026.1 | 010.1 | 257.4 | 000.1519 | -0029.6 | 029.8 | 34.17 |
| 133.0 | 001.0245 | -0042.0 | 010.2 | 257.0 | 000.1547 | -0033.4 | 029.9 | 34.21 |
| 134.0 | 001.0705 | -0059.8 | 010.3 | 256.7 | 000.1574 | -0036.8 | 030.0 | 34.24 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|---|---|---|---|---|---|---|---|---|
| 135.0 | 001.1175 | -0076.5 | 010.4 | 256.3 | 000.1601 | -0039.8 | 030.1 | 34.27 |
| 136.0 | 001.1656 | -0091.6 | 010.5 | 255.9 | 000.1627 | -0042.1 | 030.2 | 34.29 |
| 137.0 | 001.2146 | -0105.5 | 010.7 | 255.6 | 000.1654 | -0044.0 | 030.3 | 34.31 |
| 138.0 | 001.2647 | -0118.1 | 010.8 | 255.3 | 000.1680 | -0045.7 | 030.4 | 34.32 |
| 139.0 | 001.3158 | -0129.0 | 010.9 | 254.9 | 000.1706 | -0047.5 | 030.5 | 34.33 |
| 140.0 | 001.3679 | -0137.6 | 011.0 | 254.6 | 000.1731 | -0049.4 | 030.6 | 34.33 |
| 141.0 | 001.4257 | -0145.8 | 011.1 | 254.3 | 000.1757 | -0051.6 | 030.8 | 34.34 |
| 142.0 | 001.4847 | -0156.8 | 011.2 | 253.9 | 000.1783 | -0053.8 | 030.9 | 34.34 |
| 143.0 | 001.5449 | -0171.6 | 011.3 | 253.6 | 000.1808 | -0055.7 | 031.1 | 34.33 |
| 144.0 | 001.6063 | -0188.5 | 011.4 | 253.3 | 000.1833 | -0057.3 | 031.2 | 34.33 |
| 145.0 | 001.6690 | -0206.6 | 011.5 | 253.0 | 000.1857 | -0058.8 | 031.4 | 34.32 |
| 146.0 | 001.7328 | -0227.1 | 011.6 | 252.7 | 000.1881 | -0060.4 | 031.5 | 34.30 |
| 147.0 | 001.7978 | -0247.5 | 011.7 | 252.5 | 000.1904 | -0062.3 | 031.7 | 34.29 |
| 148.0 | 001.8640 | -0263.4 | 011.8 | 252.2 | 000.1926 | -0064.2 | 031.9 | 34.27 |
| 149.0 | 001.9314 | -0272.9 | 011.9 | 251.9 | 000.1947 | -0066.2 | 032.0 | 34.24 |
| 150.0 | 002.0000 | -0279.7 | 012.0 | 251.7 | 000.1968 | -0068.1 | 032.2 | 34.22 |
| 151.0 | 002.0000 | -0286.5 | 012.0 | 251.6 | 000.1974 | -0068.7 | 032.4 | 34.15 |
| 152.0 | 002.0000 | -0298.1 | 012.0 | 251.5 | 000.1979 | -0069.2 | 032.6 | 34.08 |
| 153.0 | 002.0000 | -0316.3 | 012.0 | 251.5 | 000.1984 | -0069.6 | 032.8 | 34.01 |
| 154.0 | 002.0000 | -0335.6 | 012.0 | 251.4 | 000.1988 | -0069.9 | 033.0 | 33.94 |
| 155.0 | 002.0000 | -0351.8 | 012.0 | 251.4 | 000.1992 | -0070.3 | 033.3 | 33.87 |
| 156.0 | 002.0000 | -0364.6 | 012.0 | 251.4 | 000.1995 | -0070.5 | 033.5 | 33.80 |
| 157.0 | 002.0000 | -0373.9 | 012.0 | 251.3 | 000.1997 | -0070.8 | 033.7 | 33.73 |
| 158.0 | 002.0000 | -0379.9 | 012.0 | 251.3 | 000.1999 | -0070.9 | 033.9 | 33.65 |
| 159.0 | 002.0000 | -0388.4 | 012.0 | 251.3 | 000.2000 | -0071.0 | 034.1 | 33.58 |
| 160.0 | 002.0000 | -0399.6 | 012.0 | 251.3 | 000.2001 | -0071.1 | 034.3 | 33.50 |
| 161.0 | 002.0000 | -0408.5 | 012.0 | 251.3 | 000.2002 | -0071.1 | 034.5 | 33.43 |
| 162.0 | 002.0000 | -0416.5 | 012.0 | 251.3 | 000.2001 | -0071.1 | 034.7 | 33.35 |
| 163.0 | 002.0000 | -0430.5 | 012.0 | 251.3 | 000.2001 | -0071.1 | 034.9 | 33.27 |
| 164.0 | 002.0000 | -0447.1 | 012.0 | 251.3 | 000.1999 | -0070.9 | 035.1 | 33.19 |
| 165.0 | 002.0000 | -0455.3 | 012.0 | 251.3 | 000.1998 | -0070.8 | 035.3 | 33.11 |
| 166.0 | 002.0000 | -0463.5 | 012.0 | 251.3 | 000.1995 | -0070.6 | 035.6 | 33.03 |
| 167.0 | 002.0000 | -0479.2 | 012.0 | 251.4 | 000.1993 | -0070.4 | 035.8 | 32.95 |
| 168.0 | 002.0000 | -0497.4 | 012.0 | 251.4 | 000.1990 | -0070.1 | 036.0 | 32.87 |
| 169.0 | 002.0000 | -0512.1 | 012.0 | 251.5 | 000.1986 | -0069.8 | 036.2 | 32.79 |
| 170.0 | 002.0000 | -0523.8 | 012.0 | 251.5 | 000.1982 | -0069.4 | 036.4 | 32.71 |
| 171.0 | 002.0000 | -0528.1 | 012.0 | 251.6 | 000.1978 | -0069.0 | 036.6 | 32.63 |
| 172.0 | 002.0000 | -0521.0 | 012.0 | 251.6 | 000.1973 | -0068.6 | 036.8 | 32.55 |
| 173.0 | 002.0000 | -0506.0 | 012.0 | 251.7 | 000.1968 | -0068.1 | 037.0 | 32.46 |
| 174.0 | 002.0000 | -0493.8 | 012.0 | 251.7 | 000.1962 | -0067.6 | 037.2 | 32.38 |
| 175.0 | 002.0000 | -0490.8 | 012.0 | 251.8 | 000.1956 | -0067.0 | 037.4 | 32.30 |
| 176.0 | 002.0000 | -0481.6 | 012.0 | 251.9 | 000.1950 | -0066.4 | 037.6 | 32.21 |
| 177.0 | 002.0000 | -0471.0 | 012.0 | 252.0 | 000.1943 | -0065.8 | 037.8 | 32.13 |
| 178.0 | 002.0000 | -0470.9 | 012.0 | 252.1 | 000.1936 | -0065.2 | 038.0 | 32.05 |
| 179.0 | 002.0000 | -0481.2 | 012.0 | 252.1 | 000.1928 | -0064.5 | 038.2 | 31.96 |

Contour-to-Contour Map - Proposed Site
Prc Denver-i, Llc

FMCommander Single Allocation Study - 04-04-2012 - GLOBE 30 Sec
KVOD.A's Overlaps (In= 3.73 km, Out= 0.54 km)

KVOD.A CH 201 C3 DA
Lat= 39 43 49.0,   Lng= 105 15 00.0
2.1 kW  251.2 M HAAT, 2334 M COR
Prot.=  60 dBu,  Intef.= 54 dBu

1277517 CH 202 C1  DA   BNPED20071019BCM
Lat= 39 55 21.9,   Lng= 103 58 18.4
11.0 kW  333.8 M HAAT, 1815 M COR
Prot.=  60 dBu,  Intef.= 54 dBu
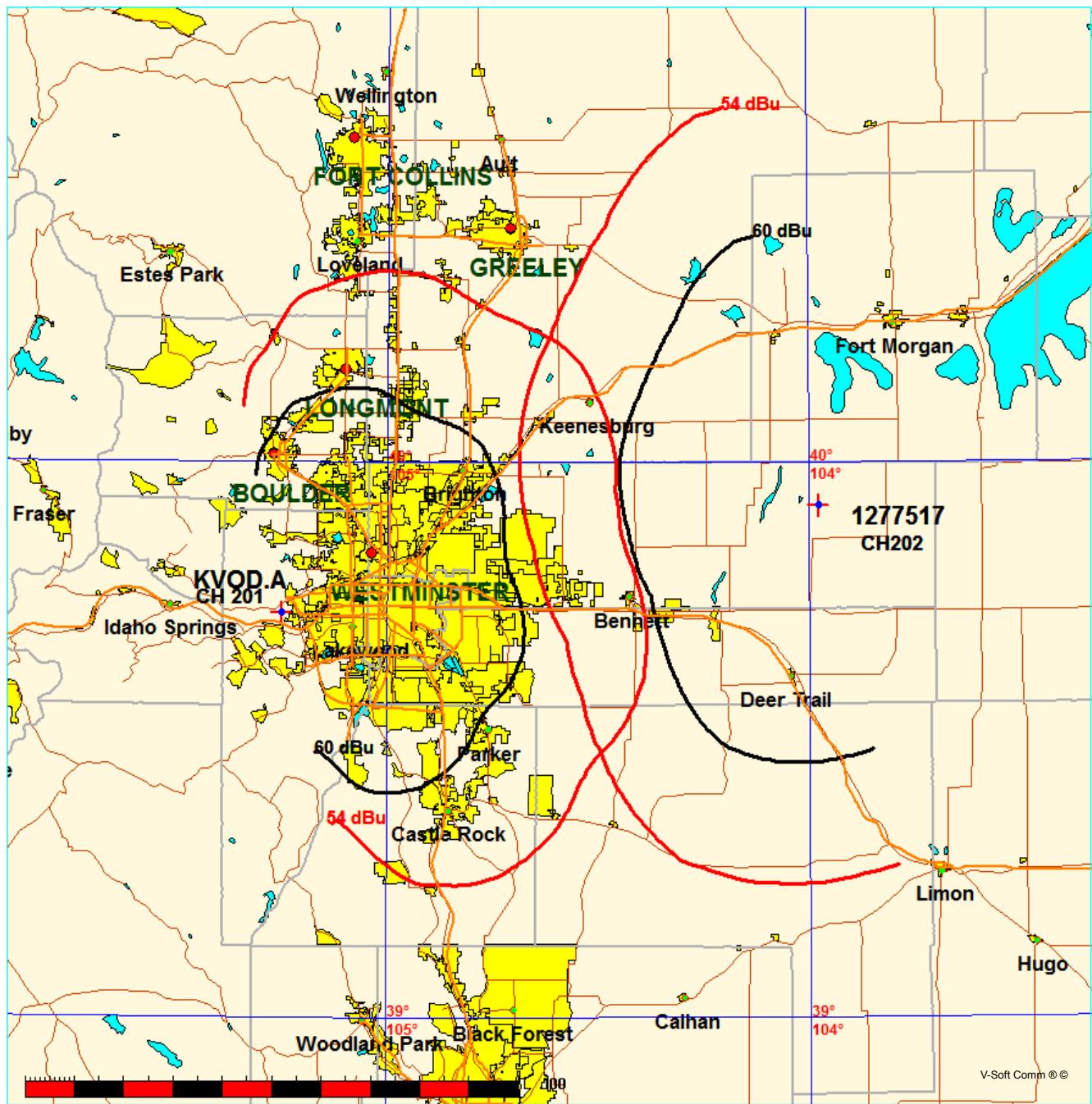
KVOD.A                                     1227487   BNPED20071018BDM

Channel =  201C3                           Channel = 202C3
Max ERP = 2.1 kW                           Max ERP = 10 kW
RCAMSL =   2334 M                          RCAMSL =   2745 M
N. Lat. 39 43 49.0                         N. Lat. 40 00 23.0
W. Lng. 105 15 00.0                        W. Lng. 105 47 38.0
Protected                                  Interfering
   60  dBu                                    54  dBu


| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) | IX (km) |
|---|---|---|---|---|---|---|---|---|---|
| 214.0 | 001.1203 | 0050.7 | 013.4 | 136.9 | 010.0000 | -0371.9 | 057.2 | 44.40 | |
| 215.0 | 001.0706 | 0044.9 | 012.5 | 136.0 | 010.0000 | -0383.6 | 056.7 | 44.49 | |
| 216.0 | 001.0220 | 0042.4 | 012.0 | 135.6 | 010.0000 | -0388.5 | 056.4 | 44.55 | |
| 217.0 | 000.9745 | 0042.5 | 011.9 | 135.5 | 010.0000 | -0389.5 | 056.2 | 44.60 | |
| 218.0 | 000.9281 | 0041.4 | 011.6 | 135.2 | 010.0000 | -0392.2 | 056.0 | 44.65 | |
| 219.0 | 000.8829 | 0034.0 | 010.4 | 134.0 | 010.0000 | -0404.7 | 055.7 | 44.72 | |
| 220.0 | 000.8388 | 0022.5 | 009.7 | 133.4 | 010.0000 | -0411.3 | 055.4 | 44.77 | |
| 221.0 | 000.8046 | 0015.0 | 009.6 | 133.3 | 010.0000 | -0412.4 | 055.3 | 44.80 | |
| 222.0 | 000.7712 | 0014.9 | 009.5 | 133.2 | 010.0000 | -0413.4 | 055.1 | 44.84 | |
| 223.0 | 000.7385 | 0018.8 | 009.4 | 133.1 | 010.0000 | -0414.5 | 054.9 | 44.88 | |
| 224.0 | 000.7064 | 0022.1 | 009.3 | 132.9 | 010.0000 | -0415.7 | 054.8 | 44.91 | |
| 225.0 | 000.6751 | 0020.3 | 009.2 | 132.8 | 010.0000 | -0416.8 | 054.6 | 44.95 | |
| 226.0 | 000.6445 | 0012.5 | 009.1 | 132.7 | 010.0000 | -0418.1 | 054.4 | 44.98 | |
| 227.0 | 000.6146 | 0002.4 | 009.0 | 132.6 | 010.0000 | -0419.4 | 054.3 | 45.01 | |
| 228.0 | 000.5854 | -0007.8 | 008.9 | 132.4 | 010.0000 | -0420.8 | 054.1 | 45.04 | |
| 229.0 | 000.5570 | -0017.9 | 008.8 | 132.3 | 010.0000 | -0422.3 | 054.0 | 45.07 | |
| 230.0 | 000.5292 | -0030.6 | 008.6 | 132.2 | 010.0000 | -0424.1 | 053.9 | 45.10 | |
| 231.0 | 000.5077 | -0044.3 | 008.5 | 132.0 | 010.0000 | -0425.7 | 053.7 | 45.13 | |
| 232.0 | 000.4867 | -0055.6 | 008.4 | 131.9 | 010.0000 | -0427.3 | 053.6 | 45.16 | |
| 233.0 | 000.4661 | -0063.8 | 008.3 | 131.8 | 010.0000 | -0428.9 | 053.5 | 45.19 | |
| 234.0 | 000.4459 | -0072.2 | 008.2 | 131.6 | 010.0000 | -0430.5 | 053.3 | 45.21 | |
| 235.0 | 000.4262 | -0085.9 | 008.1 | 131.5 | 010.0000 | -0432.3 | 053.2 | 45.24 | |
| 236.0 | 000.4069 | -0104.8 | 008.0 | 131.4 | 010.0000 | -0434.1 | 053.1 | 45.26 | |
| 237.0 | 000.3881 | -0126.0 | 007.9 | 131.2 | 010.0000 | -0435.9 | 053.0 | 45.29 | |
| 238.0 | 000.3697 | -0143.1 | 007.8 | 131.1 | 010.0000 | -0437.6 | 052.9 | 45.31 | |
| 239.0 | 000.3518 | -0151.8 | 007.7 | 130.9 | 010.0000 | -0439.2 | 052.8 | 45.33 | |
| 240.0 | 000.3343 | -0151.3 | 007.6 | 130.8 | 010.0000 | -0440.9 | 052.7 | 45.35 | |
| 241.0 | 000.3207 | -0143.9 | 007.5 | 130.6 | 010.0000 | -0442.5 | 052.6 | 45.37 | |
| 242.0 | 000.3074 | -0135.5 | 007.5 | 130.5 | 010.0000 | -0444.1 | 052.5 | 45.39 | |
| 243.0 | 000.2944 | -0130.6 | 007.4 | 130.4 | 010.0000 | -0445.8 | 052.4 | 45.41 | |
| 244.0 | 000.2816 | -0130.6 | 007.3 | 130.2 | 010.0000 | -0447.3 | 052.3 | 45.43 | |
| 245.0 | 000.2691 | -0131.1 | 007.2 | 130.1 | 010.0000 | -0448.6 | 052.3 | 45.45 | |
| 246.0 | 000.2570 | -0126.0 | 007.1 | 129.9 | 010.0000 | -0449.9 | 052.2 | 45.47 | |
| 247.0 | 000.2451 | -0114.7 | 007.1 | 129.8 | 010.0000 | -0451.0 | 052.1 | 45.48 | |
| 248.0 | 000.2334 | -0101.2 | 007.0 | 129.7 | 010.0000 | -0452.1 | 052.0 | 45.50 | |
| 249.0 | 000.2221 | -0089.6 | 006.9 | 129.5 | 010.0000 | -0452.9 | 052.0 | 45.51 | |

| Azimuth<br>(degrees) | ERP<br>(kW) | HAAT<br>(m) | Dist<br>(km) | Azimuth<br>(degrees) | ERP<br>(kW) | HAAT<br>(m) | Dist<br>(km) | Actual<br>(dBu) |
|---|---|---|---|---|---|---|---|---|
| 250.0 | 000.2110 | -0080.3 | 006.8 | 129.4 | 010.0000 | -0453.7 | 051.9 | 45.53 |
| 251.0 | 000.2025 | -0073.1 | 006.7 | 129.2 | 010.0000 | -0454.3 | 051.8 | 45.54 |
| 252.0 | 000.1941 | -0065.6 | 006.7 | 129.1 | 010.0000 | -0454.9 | 051.8 | 45.55 |
| 253.0 | 000.1859 | -0058.9 | 006.6 | 129.0 | 010.0000 | -0455.5 | 051.7 | 45.57 |
| 254.0 | 000.1778 | -0053.4 | 006.5 | 128.8 | 010.0000 | -0456.0 | 051.7 | 45.58 |
| 255.0 | 000.1700 | -0047.1 | 006.4 | 128.7 | 010.0000 | -0456.3 | 051.6 | 45.59 |
| 256.0 | 000.1623 | -0041.8 | 006.4 | 128.5 | 010.0000 | -0456.6 | 051.6 | 45.60 |
| 257.0 | 000.1548 | -0033.6 | 006.3 | 128.4 | 010.0000 | -0456.8 | 051.5 | 45.61 |
| 258.0 | 000.1475 | -0024.0 | 006.2 | 128.3 | 010.0000 | -0456.8 | 051.5 | 45.62 |
| 259.0 | 000.1403 | -0016.6 | 006.1 | 128.1 | 010.0000 | -0456.8 | 051.5 | 45.62 |
| 260.0 | 000.1334 | -0014.7 | 006.1 | 128.0 | 010.0000 | -0456.9 | 051.4 | 45.63 |
| 261.0 | 000.1279 | -0016.8 | 006.0 | 127.8 | 010.0000 | -0457.0 | 051.4 | 45.64 |
| 262.0 | 000.1226 | -0025.5 | 005.9 | 127.7 | 010.0000 | -0457.1 | 051.4 | 45.64 |
| 263.0 | 000.1174 | -0031.4 | 005.9 | 127.6 | 010.0000 | -0457.2 | 051.3 | 45.65 |
| 264.0 | 000.1123 | -0030.7 | 005.8 | 127.4 | 010.0000 | -0457.4 | 051.3 | 45.66 |
| 265.0 | 000.1073 | -0025.9 | 005.7 | 127.3 | 010.0000 | -0457.7 | 051.3 | 45.66 |
| 266.0 | 000.1024 | -0015.0 | 005.7 | 127.2 | 010.0000 | -0457.9 | 051.3 | 45.66 |
| 267.0 | 000.0976 | -0000.8 | 005.6 | 127.0 | 010.0000 | -0458.3 | 051.3 | 45.67 |
| 268.0 | 000.0930 | 0014.4 | 005.5 | 126.9 | 010.0000 | -0458.6 | 051.3 | 45.67 |
| 269.0 | 000.0884 | 0030.4 | 005.5 | 126.8 | 010.0000 | -0458.9 | 051.2 | 45.68 |
| 270.0 | 000.0840 | 0050.6 | 007.0 | 127.7 | 010.0000 | -0457.1 | 050.0 | 45.94 |
| 271.0 | 000.0844 | 0069.3 | 008.2 | 128.5 | 010.0000 | -0456.7 | 048.9 | 46.17 |
| 272.0 | 000.0848 | 0088.1 | 009.3 | 129.1 | 010.0000 | -0454.7 | 048.0 | 46.38 |
| 273.0 | 000.0853 | 0106.8 | 010.2 | 129.7 | 010.0000 | -0452.0 | 047.1 | 46.57 |
| 274.0 | 000.0857 | 0117.9 | 010.7 | 129.8 | 010.0000 | -0450.7 | 046.6 | 46.69 |
| 275.0 | 000.0861 | 0122.3 | 010.9 | 129.8 | 010.0000 | -0451.1 | 046.3 | 46.75 |
| 276.0 | 000.0865 | 0122.0 | 010.9 | 129.6 | 010.0000 | -0452.4 | 046.2 | 46.78 |
| 277.0 | 000.0870 | 0113.6 | 010.6 | 129.2 | 010.0000 | -0454.6 | 046.4 | 46.74 |
| 278.0 | 000.0874 | 0106.4 | 010.3 | 128.8 | 010.0000 | -0456.1 | 046.6 | 46.70 |
| 279.0 | 000.0878 | 0097.4 | 009.9 | 128.3 | 010.0000 | -0456.8 | 046.9 | 46.63 |
| 280.0 | 000.0883 | 0087.7 | 009.4 | 127.9 | 010.0000 | -0457.0 | 047.2 | 46.55 |
| 281.0 | 000.0929 | 0080.0 | 009.1 | 127.5 | 010.0000 | -0457.3 | 047.4 | 46.51 |
| 282.0 | 000.0976 | 0071.5 | 008.7 | 127.1 | 010.0000 | -0458.0 | 047.7 | 46.44 |
| 283.0 | 000.1025 | 0062.2 | 008.2 | 126.7 | 010.0000 | -0459.2 | 048.1 | 46.36 |
| 284.0 | 000.1074 | 0049.8 | 007.4 | 126.2 | 010.0000 | -0462.1 | 048.8 | 46.21 |
| 285.0 | 000.1125 | 0031.5 | 005.9 | 125.5 | 010.0000 | -0469.4 | 050.1 | 45.93 |
| 286.0 | 000.1178 | 0010.6 | 005.9 | 125.3 | 010.0000 | -0471.0 | 050.1 | 45.92 |
| 287.0 | 000.1231 | -0010.3 | 005.9 | 125.2 | 010.0000 | -0472.1 | 050.0 | 45.94 |
| 288.0 | 000.1285 | -0028.4 | 006.0 | 125.2 | 010.0000 | -0473.3 | 049.9 | 45.96 |
| 289.0 | 000.1341 | -0041.4 | 006.1 | 125.1 | 010.0000 | -0474.5 | 049.8 | 45.98 |
| 290.0 | 000.1398 | -0051.1 | 006.1 | 125.0 | 010.0000 | -0475.8 | 049.7 | 46.00 |
| 291.0 | 000.1470 | -0057.9 | 006.2 | 124.9 | 010.0000 | -0477.1 | 049.6 | 46.03 |
| 292.0 | 000.1545 | -0064.5 | 006.3 | 124.8 | 010.0000 | -0478.5 | 049.5 | 46.05 |
| 293.0 | 000.1621 | -0071.3 | 006.4 | 124.7 | 010.0000 | -0479.9 | 049.4 | 46.07 |
| 294.0 | 000.1699 | -0078.8 | 006.4 | 124.6 | 010.0000 | -0481.5 | 049.3 | 46.09 |
| 295.0 | 000.1778 | -0089.2 | 006.5 | 124.4 | 010.0000 | -0483.1 | 049.2 | 46.11 |
| 296.0 | 000.1860 | -0103.7 | 006.6 | 124.3 | 010.0000 | -0484.7 | 049.1 | 46.13 |
| 297.0 | 000.1943 | -0121.4 | 006.7 | 124.2 | 010.0000 | -0486.3 | 049.0 | 46.15 |
| 298.0 | 000.2029 | -0140.8 | 006.7 | 124.1 | 010.0000 | -0487.9 | 049.0 | 46.17 |
| 299.0 | 000.2116 | -0158.1 | 006.8 | 123.9 | 010.0000 | -0489.7 | 048.9 | 46.19 |
| 300.0 | 000.2204 | -0169.0 | 006.9 | 123.8 | 010.0000 | -0491.4 | 048.8 | 46.20 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|---|---|---|---|---|---|---|---|---|---|
| 301.0 | 000.2320 | -0169.3 | 007.0 | | 123.7 | 010.0000 | -0493.2 | 048.7 | 46.22 |
| 302.0 | 000.2439 | -0160.5 | 007.0 | | 123.5 | 010.0000 | -0494.8 | 048.6 | 46.24 |
| 303.0 | 000.2561 | -0147.0 | 007.1 | | 123.4 | 010.0000 | -0496.3 | 048.5 | 46.26 |
| 304.0 | 000.2685 | -0130.1 | 007.2 | | 123.2 | 010.0000 | -0497.7 | 048.4 | 46.28 |
| 305.0 | 000.2813 | -0111.3 | 007.3 | | 123.1 | 010.0000 | -0499.0 | 048.3 | 46.30 |
| 306.0 | 000.2944 | -0094.5 | 007.4 | | 122.9 | 010.0000 | -0500.3 | 048.3 | 46.32 |
| 307.0 | 000.3077 | -0084.7 | 007.5 | | 122.8 | 010.0000 | -0501.3 | 048.2 | 46.33 |
| 308.0 | 000.3214 | -0084.3 | 007.6 | | 122.6 | 010.0000 | -0502.1 | 048.1 | 46.35 |
| 309.0 | 000.3353 | -0091.7 | 007.6 | | 122.4 | 010.0000 | -0502.8 | 048.0 | 46.36 |
| 310.0 | 000.3496 | -0103.8 | 007.7 | | 122.3 | 010.0000 | -0503.3 | 048.0 | 46.38 |
| 311.0 | 000.3680 | -0117.8 | 007.8 | | 122.1 | 010.0000 | -0503.5 | 047.9 | 46.40 |
| 312.0 | 000.3868 | -0131.8 | 007.9 | | 121.9 | 010.0000 | -0503.3 | 047.8 | 46.42 |
| 313.0 | 000.4062 | -0145.1 | 008.0 | | 121.7 | 010.0000 | -0503.0 | 047.7 | 46.43 |
| 314.0 | 000.4260 | -0156.7 | 008.1 | | 121.5 | 010.0000 | -0502.5 | 047.7 | 46.45 |
| 315.0 | 000.4463 | -0167.5 | 008.2 | | 121.3 | 010.0000 | -0501.9 | 047.6 | 46.47 |
| 316.0 | 000.4671 | -0175.0 | 008.3 | | 121.1 | 010.0000 | -0501.1 | 047.5 | 46.48 |
| 317.0 | 000.4883 | -0174.2 | 008.4 | | 120.9 | 010.0000 | -0500.0 | 047.5 | 46.49 |
| 318.0 | 000.5100 | -0163.1 | 008.5 | | 120.7 | 010.0000 | -0498.6 | 047.4 | 46.51 |
| 319.0 | 000.5322 | -0147.9 | 008.6 | | 120.5 | 010.0000 | -0497.1 | 047.4 | 46.52 |
| 320.0 | 000.5548 | -0133.6 | 008.7 | | 120.3 | 010.0000 | -0495.3 | 047.3 | 46.53 |
| 321.0 | 000.5839 | -0121.8 | 008.9 | | 120.1 | 010.0000 | -0493.1 | 047.3 | 46.54 |
| 322.0 | 000.6137 | -0111.4 | 009.0 | | 119.9 | 010.0000 | -0490.7 | 047.2 | 46.55 |
| 323.0 | 000.6443 | -0100.8 | 009.1 | | 119.6 | 010.0000 | -0488.3 | 047.2 | 46.56 |
| 324.0 | 000.6756 | -0089.2 | 009.2 | | 119.4 | 010.0000 | -0485.7 | 047.1 | 46.57 |
| 325.0 | 000.7077 | -0075.3 | 009.3 | | 119.2 | 010.0000 | -0483.0 | 047.1 | 46.58 |
| 326.0 | 000.7405 | -0058.7 | 009.4 | | 118.9 | 010.0000 | -0480.4 | 047.1 | 46.59 |
| 327.0 | 000.7740 | -0040.1 | 009.5 | | 118.7 | 010.0000 | -0477.2 | 047.0 | 46.59 |
| 328.0 | 000.8083 | -0021.1 | 009.6 | | 118.4 | 010.0000 | -0473.9 | 047.0 | 46.59 |
| 329.0 | 000.8433 | -0003.5 | 009.7 | | 118.2 | 010.0000 | -0470.6 | 047.0 | 46.59 |
| 330.0 | 000.8791 | 0010.0 | 009.8 | | 118.0 | 010.0000 | -0466.9 | 047.0 | 46.59 |
| 331.0 | 000.9253 | 0018.0 | 010.0 | | 117.7 | 010.0000 | -0463.2 | 047.0 | 46.60 |
| 332.0 | 000.9728 | 0022.6 | 010.1 | | 117.4 | 010.0000 | -0459.5 | 047.0 | 46.60 |
| 333.0 | 001.0214 | 0027.4 | 010.2 | | 117.2 | 010.0000 | -0456.2 | 047.0 | 46.60 |
| 334.0 | 001.0712 | 0032.4 | 010.7 | | 116.7 | 010.0000 | -0450.3 | 046.7 | 46.66 |
| 335.0 | 001.1222 | 0033.8 | 011.0 | | 116.2 | 010.0000 | -0446.6 | 046.6 | 46.69 |
| 336.0 | 001.1743 | 0033.5 | 011.1 | | 116.0 | 010.0000 | -0444.9 | 046.7 | 46.68 |
| 337.0 | 001.2277 | 0033.2 | 011.2 | | 115.7 | 010.0000 | -0443.5 | 046.7 | 46.66 |
| 338.0 | 001.2822 | 0035.6 | 011.6 | | 115.2 | 010.0000 | -0441.4 | 046.5 | 46.72 |
| 339.0 | 001.3380 | 0041.4 | 012.6 | | 114.1 | 010.0000 | -0440.8 | 045.9 | 46.86 |
| 340.0 | 001.3949 | 0051.9 | 014.3 | | 112.4 | 010.0000 | -0441.9 | 044.9 | 47.11 |
| 341.0 | 001.4589 | 0064.0 | 016.1 | | 110.4 | 010.0000 | -0451.3 | 043.9 | 47.37 |
| 342.0 | 001.5244 | 0075.5 | 017.8 | | 108.4 | 010.0000 | -0480.7 | 043.1 | 47.60 |
| 343.0 | 001.5913 | 0084.2 | 019.1 | | 106.8 | 010.0000 | -0514.7 | 042.6 | 47.74 |
| 344.0 | 001.6597 | 0093.2 | 020.4 | | 105.1 | 010.0000 | -0544.1 | 042.2 | 47.85 |
| 345.0 | 001.7295 | 0103.3 | 021.7 | | 103.3 | 010.0000 | -0561.8 | 041.9 | 47.95 |
| 346.0 | 001.8007 | 0116.7 | 023.2 | | 101.2 | 010.0000 | -0559.4 | 041.6 | 48.05 |
| 347.0 | 001.8734 | 0130.1 | 024.4 | | 099.4 | 010.0000 | -0562.5 | 041.4 | 48.09 |
| 348.0 | 001.9475 | 0146.8 | 026.0 | | 097.2 | 010.0000 | -0577.1 | 041.3 | 48.13 |
| 349.0 | 002.0230 | 0168.2 | 027.9 | | 094.5 | 010.0000 | -0612.0 | 041.2 | 48.17 |
| 350.0 | 002.1000 | 0189.6 | 029.7 | | 091.9 | 010.0000 | -0665.8 | 041.2 | 48.16 |
| 351.0 | 002.1000 | 0211.5 | 031.3 | | 089.5 | 010.0000 | -0718.0 | 041.4 | 48.09 |

| Azimuth<br>(degrees) | ERP<br>(kW) | HAAT<br>(m) | Dist<br>(km) | Azimuth<br>(degrees) | ERP<br>(kW) | HAAT<br>(m) | Dist<br>(km) | Actual<br>(dBu) |
|---|---|---|---|---|---|---|---|---|
| 352.0 | 002.1000 | 0226.4 | 032.5 | 087.8 | 010.0000 | -0754.3 | 041.8 | 47.97 |
| 353.0 | 002.1000 | 0237.9 | 033.3 | 086.6 | 010.0000 | -0758.5 | 042.3 | 47.82 |
| 354.0 | 002.1000 | 0248.0 | 033.9 | 085.7 | 010.0000 | -0737.3 | 042.9 | 47.67 |
| 355.0 | 002.1000 | 0254.6 | 034.3 | 085.2 | 010.0000 | -0723.0 | 043.5 | 47.50 |
| 356.0 | 002.1000 | 0267.9 | 035.1 | 084.1 | 010.0000 | -0694.5 | 044.1 | 47.33 |
| 357.0 | 002.1000 | 0283.0 | 036.0 | 083.0 | 010.0000 | -0673.2 | 044.7 | 47.16 |
| 358.0 | 002.1000 | 0302.9 | 037.1 | 081.7 | 010.0000 | -0653.7 | 045.5 | 46.97 |
| 359.0 | 002.1000 | 0324.2 | 038.3 | 080.3 | 010.0000 | -0643.2 | 046.3 | 46.78 |
| 000.0 | 002.1000 | 0342.5 | 039.3 | 079.3 | 010.0000 | -0650.5 | 047.1 | 46.58 |
| 001.0 | 002.1000 | 0360.8 | 040.2 | 078.3 | 010.0000 | -0657.2 | 047.9 | 46.39 |
| 002.0 | 002.1000 | 0379.3 | 041.1 | 077.5 | 010.0000 | -0658.9 | 048.8 | 46.19 |
| 003.0 | 002.1000 | 0393.0 | 041.7 | 077.0 | 010.0000 | -0656.3 | 049.7 | 46.01 |
| 004.0 | 002.1000 | 0403.8 | 042.2 | 076.7 | 010.0000 | -0653.5 | 050.5 | 45.83 |
| 005.0 | 002.1000 | 0411.3 | 042.5 | 076.6 | 010.0000 | -0652.2 | 051.3 | 45.65 |
| 006.0 | 002.1000 | 0416.7 | 042.8 | 076.6 | 010.0000 | -0652.1 | 052.1 | 45.48 |
| 007.0 | 002.1000 | 0423.2 | 043.1 | 076.6 | 010.0000 | -0651.7 | 052.9 | 45.31 |
| 008.0 | 002.1000 | 0432.3 | 043.5 | 076.4 | 010.0000 | -0649.9 | 053.8 | 45.12 |
| 009.0 | 002.1000 | 0440.6 | 043.9 | 076.3 | 010.0000 | -0648.7 | 054.6 | 44.94 |
| 010.0 | 002.1000 | 0448.9 | 044.3 | 076.2 | 010.0000 | -0647.6 | 055.5 | 44.75 |
| 011.0 | 002.1000 | 0457.6 | 044.8 | 076.2 | 010.0000 | -0646.5 | 056.4 | 44.56 |
| 012.0 | 002.1000 | 0465.1 | 045.1 | 076.1 | 010.0000 | -0646.4 | 057.3 | 44.38 |
| 013.0 | 002.1000 | 0472.2 | 045.5 | 076.2 | 010.0000 | -0646.7 | 058.1 | 44.20 |
| 014.0 | 002.1000 | 0479.8 | 045.9 | 076.2 | 010.0000 | -0646.9 | 059.0 | 44.01 |
| 015.0 | 002.1000 | 0487.8 | 046.3 | 076.2 | 010.0000 | -0647.0 | 059.9 | 43.83 |
| 016.0 | 002.1000 | 0494.7 | 046.7 | 076.3 | 010.0000 | -0647.9 | 060.8 | 43.65 |
| 017.0 | 002.1000 | 0499.7 | 046.9 | 076.4 | 010.0000 | -0650.0 | 061.6 | 43.48 |
| 018.0 | 002.1000 | 0503.8 | 047.1 | 076.6 | 010.0000 | -0652.3 | 062.4 | 43.32 |
| 019.0 | 002.1000 | 0508.2 | 047.4 | 076.8 | 010.0000 | -0654.4 | 063.3 | 43.16 |
| 020.0 | 002.1000 | 0512.6 | 047.6 | 077.0 | 010.0000 | -0656.3 | 064.1 | 43.00 |
| 021.0 | 002.1000 | 0517.2 | 047.9 | 077.3 | 010.0000 | -0657.8 | 064.9 | 42.84 |
| 022.0 | 002.1000 | 0522.0 | 048.1 | 077.5 | 010.0000 | -0658.8 | 065.8 | 42.68 |
| 023.0 | 002.1000 | 0525.8 | 048.4 | 077.7 | 010.0000 | -0659.0 | 066.6 | 42.53 |
| 024.0 | 002.1000 | 0527.6 | 048.5 | 078.1 | 010.0000 | -0658.4 | 067.3 | 42.40 |
| 025.0 | 002.1000 | 0527.8 | 048.5 | 078.5 | 010.0000 | -0656.2 | 068.0 | 42.27 |
| 026.0 | 002.1000 | 0528.0 | 048.5 | 078.9 | 010.0000 | -0653.2 | 068.7 | 42.15 |
| 027.0 | 002.1000 | 0527.8 | 048.5 | 079.3 | 010.0000 | -0650.1 | 069.4 | 42.03 |
| 028.0 | 002.1000 | 0527.1 | 048.4 | 079.8 | 010.0000 | -0646.4 | 070.0 | 41.91 |
| 029.0 | 002.1000 | 0526.4 | 048.4 | 080.2 | 010.0000 | -0643.5 | 070.7 | 41.80 |
| 030.0 | 002.1000 | 0525.6 | 048.3 | 080.7 | 010.0000 | -0643.6 | 071.3 | 41.68 |
| 031.0 | 002.1000 | 0525.0 | 048.3 | 081.1 | 010.0000 | -0647.4 | 071.9 | 41.57 |
| 032.0 | 002.1000 | 0525.2 | 048.3 | 081.5 | 010.0000 | -0652.2 | 072.6 | 41.45 |
| 033.0 | 002.1000 | 0526.0 | 048.4 | 081.9 | 010.0000 | -0657.5 | 073.2 | 41.33 |

1227487   BNPED20071018BDM                    KVOD.A

Channel = 202C3                     Channel =  201C3
Max ERP = 10 kW                     Max ERP = 2.1 kW
RCAMSL =  2745 M                    RCAMSL =  2334 M
N. Lat. 40 00 23.0                  N. Lat. 39 43 49.0
W. Lng. 105 47 38.0                 W. Lng. 105 15 00.0
Protected                           Interfering
   60  dBu                             54  dBu

| Azimuth | ERP | HAAT | Dist | | Azimuth | ERP | HAAT | Dist | Actual | IX |
| (degrees) | (kW) | (m) | (km) | | (degrees) | (kW) | (m) | (km) | (dBu) | (km) |
|-----------|------|------|------|---|-----------|------|------|------|--------|------|
| 033.0 | 005.1102 | -0240.2 | 015.1 | | 318.8 | 000.5273 | -0151.1 | 057.8 | 31.49 | |
| 034.0 | 004.9160 | -0247.8 | 014.9 | | 318.7 | 000.5256 | -0152.3 | 057.5 | 31.54 | |
| 035.0 | 004.7256 | -0252.6 | 014.8 | | 318.6 | 000.5238 | -0153.7 | 057.2 | 31.58 | |
| 036.0 | 004.5389 | -0254.4 | 014.6 | | 318.5 | 000.5217 | -0155.2 | 056.9 | 31.62 | |
| 037.0 | 004.3560 | -0253.3 | 014.5 | | 318.4 | 000.5195 | -0156.8 | 056.6 | 31.66 | |
| 038.0 | 004.3560 | -0254.0 | 014.5 | | 318.5 | 000.5205 | -0156.0 | 056.4 | 31.73 | |
| 039.0 | 004.3560 | -0261.7 | 014.5 | | 318.5 | 000.5215 | -0155.4 | 056.1 | 31.79 | |
| 040.0 | 004.3560 | -0278.9 | 014.5 | | 318.6 | 000.5223 | -0154.8 | 055.9 | 31.85 | |
| 041.0 | 004.3560 | -0305.4 | 014.5 | | 318.6 | 000.5231 | -0154.2 | 055.6 | 31.91 | |
| 042.0 | 004.3560 | -0336.9 | 014.5 | | 318.6 | 000.5237 | -0153.7 | 055.4 | 31.97 | |
| 043.0 | 004.3560 | -0365.0 | 014.5 | | 318.6 | 000.5243 | -0153.3 | 055.1 | 32.02 | |
| 044.0 | 004.3560 | -0385.6 | 014.5 | | 318.7 | 000.5248 | -0152.9 | 054.9 | 32.08 | |
| 045.0 | 004.5315 | -0399.0 | 014.6 | | 318.8 | 000.5286 | -0150.2 | 054.6 | 32.17 | |
| 046.0 | 004.7105 | -0409.4 | 014.8 | | 319.0 | 000.5323 | -0147.8 | 054.4 | 32.25 | |
| 047.0 | 004.8930 | -0420.9 | 014.9 | | 319.2 | 000.5359 | -0145.5 | 054.1 | 32.33 | |
| 048.0 | 005.0789 | -0434.5 | 015.1 | | 319.3 | 000.5395 | -0143.2 | 053.9 | 32.42 | |
| 049.0 | 005.2683 | -0447.2 | 015.2 | | 319.5 | 000.5431 | -0140.8 | 053.6 | 32.50 | |
| 050.0 | 005.4612 | -0456.6 | 015.4 | | 319.6 | 000.5466 | -0138.6 | 053.4 | 32.59 | |
| 051.0 | 005.6325 | -0462.1 | 015.5 | | 319.8 | 000.5495 | -0136.8 | 053.1 | 32.67 | |
| 052.0 | 005.8064 | -0470.0 | 015.6 | | 319.9 | 000.5524 | -0135.0 | 052.8 | 32.75 | |
| 053.0 | 005.9830 | -0482.0 | 015.7 | | 320.0 | 000.5554 | -0133.4 | 052.5 | 32.84 | |
| 054.0 | 006.1623 | -0495.5 | 015.9 | | 320.1 | 000.5588 | -0131.9 | 052.3 | 32.92 | |
| 055.0 | 006.3441 | -0506.4 | 016.0 | | 320.3 | 000.5621 | -0130.5 | 052.0 | 33.01 | |
| 056.0 | 006.5286 | -0514.6 | 016.1 | | 320.4 | 000.5654 | -0129.1 | 051.7 | 33.10 | |
| 057.0 | 006.7158 | -0523.5 | 016.3 | | 320.5 | 000.5685 | -0127.8 | 051.4 | 33.19 | |
| 058.0 | 006.9056 | -0535.2 | 016.4 | | 320.6 | 000.5714 | -0126.6 | 051.1 | 33.27 | |
| 059.0 | 007.0981 | -0556.0 | 016.5 | | 320.7 | 000.5741 | -0125.5 | 050.8 | 33.36 | |
| 060.0 | 007.2932 | -0581.6 | 016.6 | | 320.8 | 000.5767 | -0124.5 | 050.5 | 33.45 | |
| 061.0 | 007.6213 | -0605.4 | 016.8 | | 320.9 | 000.5817 | -0122.6 | 050.2 | 33.55 | |
| 062.0 | 007.9566 | -0620.4 | 017.0 | | 321.1 | 000.5864 | -0120.9 | 049.8 | 33.66 | |
| 063.0 | 008.2992 | -0626.8 | 017.2 | | 321.2 | 000.5909 | -0119.3 | 049.5 | 33.76 | |
| 064.0 | 008.6490 | -0629.5 | 017.4 | | 321.4 | 000.5951 | -0117.8 | 049.2 | 33.87 | |
| 065.0 | 008.8674 | -0634.1 | 017.5 | | 321.4 | 000.5966 | -0117.3 | 048.8 | 33.95 | |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|---|---|---|---|---|---|---|---|---|
| 066.0 | 009.0884 | -0635.0 | 017.7 | 321.5 | 000.5978 | -0116.9 | 048.5 | 34.03 |
| 067.0 | 009.3123 | -0633.7 | 017.8 | 321.5 | 000.5988 | -0116.6 | 048.2 | 34.11 |
| 068.0 | 009.5388 | -0628.8 | 017.9 | 321.5 | 000.5995 | -0116.3 | 047.9 | 34.18 |
| 069.0 | 009.7680 | -0623.9 | 018.0 | 321.5 | 000.6000 | -0116.2 | 047.5 | 34.26 |
| 070.0 | 010.0000 | -0623.2 | 018.1 | 321.6 | 000.6002 | -0116.1 | 047.2 | 34.34 |
| 071.0 | 010.0000 | -0623.2 | 018.1 | 321.4 | 000.5964 | -0117.4 | 046.9 | 34.38 |
| 072.0 | 010.0000 | -0624.5 | 018.1 | 321.3 | 000.5924 | -0118.8 | 046.6 | 34.42 |
| 073.0 | 010.0000 | -0625.5 | 018.1 | 321.1 | 000.5881 | -0120.3 | 046.3 | 34.46 |
| 074.0 | 010.0000 | -0623.9 | 018.1 | 321.0 | 000.5836 | -0121.9 | 046.0 | 34.50 |
| 075.0 | 010.0000 | -0630.5 | 018.1 | 320.8 | 000.5789 | -0123.7 | 045.7 | 34.53 |
| 076.0 | 010.0000 | -0644.4 | 018.1 | 320.7 | 000.5740 | -0125.6 | 045.4 | 34.57 |
| 077.0 | 010.0000 | -0655.9 | 018.1 | 320.5 | 000.5688 | -0127.7 | 045.2 | 34.60 |
| 078.0 | 010.0000 | -0658.7 | 018.1 | 320.3 | 000.5634 | -0129.9 | 044.9 | 34.63 |
| 079.0 | 010.0000 | -0652.5 | 018.1 | 320.1 | 000.5578 | -0132.3 | 044.6 | 34.66 |
| 080.0 | 010.0000 | -0644.7 | 018.1 | 319.9 | 000.5526 | -0134.9 | 044.3 | 34.69 |
| 081.0 | 010.0000 | -0646.2 | 018.1 | 319.7 | 000.5477 | -0137.9 | 044.0 | 34.73 |
| 082.0 | 010.0000 | -0658.4 | 018.1 | 319.5 | 000.5427 | -0141.0 | 043.8 | 34.76 |
| 083.0 | 010.0000 | -0673.2 | 018.1 | 319.2 | 000.5376 | -0144.5 | 043.5 | 34.79 |
| 084.0 | 010.0000 | -0691.9 | 018.1 | 319.0 | 000.5322 | -0147.9 | 043.3 | 34.82 |
| 085.0 | 010.0000 | -0719.0 | 018.1 | 318.8 | 000.5267 | -0151.5 | 043.0 | 34.85 |
| 086.0 | 010.0000 | -0744.9 | 018.1 | 318.5 | 000.5210 | -0155.7 | 042.7 | 34.87 |
| 087.0 | 010.0000 | -0763.2 | 018.1 | 318.2 | 000.5152 | -0159.8 | 042.5 | 34.90 |
| 088.0 | 010.0000 | -0749.8 | 018.1 | 318.0 | 000.5092 | -0163.6 | 042.3 | 34.91 |
| 089.0 | 010.0000 | -0727.9 | 018.1 | 317.7 | 000.5030 | -0167.2 | 042.0 | 34.93 |
| 090.0 | 010.0000 | -0706.0 | 018.1 | 317.4 | 000.4967 | -0170.5 | 041.8 | 34.95 |
| 091.0 | 010.0000 | -0683.7 | 018.1 | 317.1 | 000.4902 | -0173.5 | 041.6 | 34.96 |
| 092.0 | 010.0000 | -0663.2 | 018.1 | 316.8 | 000.4836 | -0175.2 | 041.3 | 34.97 |
| 093.0 | 010.0000 | -0643.1 | 018.1 | 316.5 | 000.4768 | -0175.5 | 041.1 | 34.97 |
| 094.0 | 010.0000 | -0622.4 | 018.1 | 316.1 | 000.4699 | -0175.3 | 040.9 | 34.97 |
| 095.0 | 010.0000 | -0599.9 | 018.1 | 315.8 | 000.4629 | -0174.3 | 040.7 | 34.97 |
| 096.0 | 010.0000 | -0588.6 | 018.1 | 315.5 | 000.4558 | -0171.5 | 040.5 | 34.97 |
| 097.0 | 010.0000 | -0578.6 | 018.1 | 315.1 | 000.4485 | -0168.4 | 040.3 | 34.96 |
| 098.0 | 010.0000 | -0567.6 | 018.1 | 314.7 | 000.4411 | -0165.2 | 040.1 | 34.95 |
| 099.0 | 010.0000 | -0563.3 | 018.1 | 314.4 | 000.4337 | -0161.1 | 039.9 | 34.93 |
| 100.0 | 010.0000 | -0561.1 | 018.1 | 314.0 | 000.4261 | -0156.7 | 039.7 | 34.91 |
| 101.0 | 010.0000 | -0558.9 | 018.1 | 313.6 | 000.4185 | -0152.4 | 039.6 | 34.89 |
| 102.0 | 010.0000 | -0562.7 | 018.1 | 313.2 | 000.4107 | -0148.0 | 039.4 | 34.86 |
| 103.0 | 010.0000 | -0562.6 | 018.1 | 312.8 | 000.4029 | -0143.1 | 039.2 | 34.83 |
| 104.0 | 010.0000 | -0557.6 | 018.1 | 312.4 | 000.3951 | -0137.7 | 039.1 | 34.79 |
| 105.0 | 010.0000 | -0545.3 | 018.1 | 312.0 | 000.3871 | -0132.0 | 038.9 | 34.75 |
| 106.0 | 010.0000 | -0529.1 | 018.1 | 311.6 | 000.3792 | -0126.4 | 038.8 | 34.71 |
| 107.0 | 010.0000 | -0510.1 | 018.1 | 311.2 | 000.3712 | -0120.3 | 038.7 | 34.66 |
| 108.0 | 010.0000 | -0489.5 | 018.1 | 310.7 | 000.3631 | -0114.1 | 038.5 | 34.60 |
| 109.0 | 010.0000 | -0469.8 | 018.1 | 310.3 | 000.3551 | -0108.0 | 038.4 | 34.55 |
| 110.0 | 010.0000 | -0455.6 | 018.1 | 309.9 | 000.3475 | -0101.9 | 038.3 | 34.49 |
| 111.0 | 010.0000 | -0446.3 | 018.1 | 309.4 | 000.3411 | -0096.3 | 038.2 | 34.44 |
| 112.0 | 010.0000 | -0442.4 | 018.1 | 309.0 | 000.3347 | -0091.3 | 038.1 | 34.39 |
| 113.0 | 010.0000 | -0441.5 | 018.1 | 308.5 | 000.3283 | -0087.0 | 038.0 | 34.34 |
| 114.0 | 010.0000 | -0440.8 | 018.1 | 308.0 | 000.3219 | -0084.4 | 037.9 | 34.28 |
| 115.0 | 010.0000 | -0441.1 | 018.1 | 307.6 | 000.3155 | -0083.3 | 037.9 | 34.22 |
| 116.0 | 010.0000 | -0445.0 | 018.1 | 307.1 | 000.3091 | -0084.3 | 037.8 | 34.15 |

| Azimuth<br>(degrees) | ERP<br>(kW) | HAAT<br>(m) | Dist<br>(km) | Azimuth<br>(degrees) | ERP<br>(kW) | HAAT<br>(m) | Dist<br>(km) | Actual<br>(dBu) |
|---|---|---|---|---|---|---|---|---|
| 117.0 | 010.0000 | -0454.0 | 018.1 | 306.6 | 000.3027 | -0087.0 | 037.7 | 34.08 |
| 118.0 | 010.0000 | -0467.4 | 018.1 | 306.2 | 000.2964 | -0092.5 | 037.7 | 34.00 |
| 119.0 | 010.0000 | -0481.2 | 018.1 | 305.7 | 000.2901 | -0099.3 | 037.7 | 33.92 |
| 120.0 | 010.0000 | -0492.2 | 018.1 | 305.2 | 000.2839 | -0107.5 | 037.6 | 33.84 |
| 121.0 | 010.0000 | -0500.3 | 018.1 | 304.7 | 000.2777 | -0116.8 | 037.6 | 33.75 |
| 122.0 | 010.0000 | -0503.4 | 018.1 | 304.2 | 000.2715 | -0125.9 | 037.6 | 33.66 |
| 123.0 | 010.0000 | -0499.8 | 018.1 | 303.8 | 000.2655 | -0134.3 | 037.6 | 33.56 |
| 124.0 | 010.0000 | -0488.9 | 018.1 | 303.3 | 000.2595 | -0142.6 | 037.6 | 33.46 |
| 125.0 | 010.0000 | -0475.4 | 018.1 | 302.8 | 000.2535 | -0150.1 | 037.6 | 33.36 |
| 126.0 | 010.0000 | -0463.7 | 018.1 | 302.3 | 000.2476 | -0156.6 | 037.6 | 33.25 |
| 127.0 | 010.0000 | -0458.4 | 018.1 | 301.8 | 000.2419 | -0162.4 | 037.6 | 33.14 |
| 128.0 | 010.0000 | -0456.9 | 018.1 | 301.4 | 000.2362 | -0167.1 | 037.7 | 33.03 |
| 129.0 | 010.0000 | -0455.3 | 018.1 | 300.9 | 000.2306 | -0169.9 | 037.7 | 32.91 |
| 130.0 | 010.0000 | -0449.4 | 018.1 | 300.4 | 000.2251 | -0170.7 | 037.8 | 32.79 |
| 131.0 | 010.0000 | -0438.3 | 018.1 | 299.9 | 000.2198 | -0168.5 | 037.8 | 32.67 |
| 132.0 | 010.0000 | -0426.1 | 018.1 | 299.5 | 000.2156 | -0164.2 | 037.9 | 32.56 |
| 133.0 | 010.0000 | -0415.1 | 018.1 | 299.0 | 000.2115 | -0158.1 | 038.0 | 32.45 |
| 134.0 | 010.0000 | -0405.1 | 018.1 | 298.5 | 000.2075 | -0150.7 | 038.0 | 32.34 |
| 135.0 | 010.0000 | -0394.5 | 018.1 | 298.1 | 000.2036 | -0142.4 | 038.1 | 32.23 |
| 136.0 | 010.0000 | -0383.7 | 018.1 | 297.6 | 000.1997 | -0133.7 | 038.2 | 32.11 |
| 137.0 | 010.0000 | -0370.4 | 018.1 | 297.2 | 000.1959 | -0125.0 | 038.3 | 31.99 |
| 138.0 | 010.0000 | -0352.7 | 018.1 | 296.7 | 000.1922 | -0116.6 | 038.4 | 31.87 |
| 139.0 | 010.0000 | -0331.5 | 018.1 | 296.3 | 000.1885 | -0108.8 | 038.6 | 31.75 |
| 140.0 | 010.0000 | -0311.0 | 018.1 | 295.9 | 000.1850 | -0101.7 | 038.7 | 31.63 |
| 141.0 | 010.0000 | -0296.0 | 018.1 | 295.5 | 000.1815 | -0095.3 | 038.8 | 31.50 |
| 142.0 | 010.0000 | -0288.4 | 018.1 | 295.0 | 000.1781 | -0089.7 | 039.0 | 31.37 |
| 143.0 | 010.0000 | -0283.1 | 018.1 | 294.6 | 000.1748 | -0084.9 | 039.1 | 31.24 |
| 144.0 | 010.0000 | -0273.3 | 018.1 | 294.2 | 000.1716 | -0080.8 | 039.3 | 31.11 |
| 145.0 | 010.0000 | -0259.8 | 018.1 | 293.8 | 000.1685 | -0077.3 | 039.4 | 30.98 |
| 146.0 | 010.0000 | -0250.5 | 018.1 | 293.4 | 000.1655 | -0074.4 | 039.6 | 30.85 |
| 147.0 | 010.0000 | -0245.8 | 018.1 | 293.1 | 000.1625 | -0071.7 | 039.8 | 30.72 |
| 148.0 | 010.0000 | -0240.6 | 018.1 | 292.7 | 000.1597 | -0069.1 | 039.9 | 30.58 |
| 149.0 | 010.0000 | -0232.5 | 018.1 | 292.3 | 000.1569 | -0066.7 | 040.1 | 30.45 |
| 150.0 | 010.0000 | -0221.3 | 018.1 | 292.0 | 000.1542 | -0064.2 | 040.3 | 30.31 |
| 151.0 | 010.0000 | -0205.6 | 018.1 | 291.6 | 000.1516 | -0061.9 | 040.5 | 30.18 |
| 152.0 | 010.0000 | -0185.9 | 018.1 | 291.3 | 000.1491 | -0059.6 | 040.7 | 30.04 |
| 153.0 | 010.0000 | -0167.1 | 018.1 | 290.9 | 000.1466 | -0057.6 | 040.9 | 29.90 |
| 154.0 | 010.0000 | -0149.9 | 018.1 | 290.6 | 000.1443 | -0055.5 | 041.1 | 29.77 |
| 155.0 | 010.0000 | -0136.0 | 018.1 | 290.3 | 000.1420 | -0053.4 | 041.4 | 29.63 |
| 156.0 | 010.0000 | -0122.7 | 018.1 | 290.0 | 000.1398 | -0051.1 | 041.6 | 29.50 |
| 157.0 | 010.0000 | -0107.7 | 018.1 | 289.7 | 000.1381 | -0048.7 | 041.8 | 29.38 |
| 158.0 | 010.0000 | -0090.1 | 018.1 | 289.4 | 000.1365 | -0046.0 | 042.1 | 29.26 |
| 159.0 | 010.0000 | -0075.1 | 018.1 | 289.1 | 000.1349 | -0043.0 | 042.3 | 29.14 |
| 160.0 | 010.0000 | -0063.9 | 018.1 | 288.9 | 000.1334 | -0039.9 | 042.5 | 29.02 |
| 161.0 | 010.0000 | -0054.6 | 018.1 | 288.6 | 000.1319 | -0036.8 | 042.8 | 28.90 |
| 162.0 | 010.0000 | -0044.2 | 018.1 | 288.4 | 000.1305 | -0033.5 | 043.0 | 28.78 |
| 163.0 | 010.0000 | -0029.7 | 018.1 | 288.1 | 000.1292 | -0030.1 | 043.3 | 28.66 |
| 164.0 | 010.0000 | -0015.2 | 018.1 | 287.9 | 000.1279 | -0026.5 | 043.6 | 28.55 |
| 165.0 | 010.0000 | -0004.4 | 018.1 | 287.7 | 000.1267 | -0022.7 | 043.8 | 28.43 |
| 166.0 | 010.0000 | -0000.4 | 018.1 | 287.4 | 000.1255 | -0018.9 | 044.1 | 28.32 |
| 167.0 | 010.0000 | 0000.5 | 018.1 | 287.2 | 000.1243 | -0014.9 | 044.4 | 28.21 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|---|---|---|---|---|---|---|---|---|---|
| 168.0 | 010.0000 | 0000.5 | 018.1 | | 287.0 | 000.1233 | -0011.0 | 044.6 | 28.10 |
| 169.0 | 010.0000 | -0001.8 | 018.1 | | 286.8 | 000.1222 | -0007.1 | 044.9 | 27.99 |
| 170.0 | 010.0000 | -0007.1 | 018.1 | | 286.7 | 000.1213 | -0003.3 | 045.2 | 27.88 |
| 171.0 | 010.0000 | -0016.0 | 018.1 | | 286.5 | 000.1203 | 0000.3 | 045.5 | 27.78 |
| 172.0 | 010.0000 | -0028.3 | 018.1 | | 286.3 | 000.1195 | 0003.8 | 045.8 | 27.67 |
| 173.0 | 010.0000 | -0038.2 | 018.1 | | 286.2 | 000.1186 | 0007.1 | 046.0 | 27.57 |
| 174.0 | 010.0000 | -0046.2 | 018.1 | | 286.0 | 000.1179 | 0010.2 | 046.3 | 27.47 |
| 175.0 | 010.0000 | -0051.1 | 018.1 | | 285.9 | 000.1171 | 0013.1 | 046.6 | 27.37 |
| 176.0 | 010.0000 | -0049.0 | 018.1 | | 285.7 | 000.1164 | 0015.9 | 046.9 | 27.28 |
| 177.0 | 010.0000 | -0045.6 | 018.1 | | 285.6 | 000.1158 | 0018.6 | 047.2 | 27.18 |
| 178.0 | 010.0000 | -0041.6 | 018.1 | | 285.5 | 000.1152 | 0021.0 | 047.5 | 27.09 |
| 179.0 | 010.0000 | -0043.4 | 018.1 | | 285.4 | 000.1146 | 0023.2 | 047.8 | 27.00 |
| 180.0 | 010.0000 | -0045.1 | 018.1 | | 285.3 | 000.1141 | 0025.3 | 048.1 | 26.92 |
| 181.0 | 010.0000 | -0046.4 | 018.1 | | 285.2 | 000.1136 | 0027.3 | 048.4 | 26.83 |
| 182.0 | 010.0000 | -0048.7 | 018.1 | | 285.1 | 000.1132 | 0029.0 | 048.7 | 26.75 |
| 183.0 | 010.0000 | -0050.3 | 018.1 | | 285.0 | 000.1128 | 0030.6 | 049.1 | 26.78 |
| 184.0 | 010.0000 | -0035.6 | 018.1 | | 285.0 | 000.1124 | 0032.1 | 049.4 | 26.95 |
| 185.0 | 010.0000 | -0018.3 | 018.1 | | 284.9 | 000.1121 | 0033.4 | 049.7 | 27.09 |
| 186.0 | 010.0000 | -0004.9 | 018.1 | | 284.9 | 000.1118 | 0034.5 | 050.0 | 27.20 |
| 187.0 | 010.0000 | -0014.3 | 018.1 | | 284.8 | 000.1115 | 0035.5 | 050.3 | 27.28 |
| 188.0 | 010.0000 | -0023.5 | 018.1 | | 284.8 | 000.1113 | 0036.3 | 050.6 | 27.33 |
| 189.0 | 010.0000 | -0026.0 | 018.1 | | 284.7 | 000.1111 | 0037.0 | 050.9 | 27.36 |
| 190.0 | 010.0000 | -0019.4 | 018.1 | | 284.7 | 000.1110 | 0037.6 | 051.2 | 27.36 |
| 191.0 | 010.0000 | -0010.5 | 018.1 | | 284.7 | 000.1108 | 0038.0 | 051.6 | 27.35 |
| 192.0 | 010.0000 | -0002.8 | 018.1 | | 284.7 | 000.1108 | 0038.4 | 051.9 | 27.32 |
| 193.0 | 010.0000 | -0000.4 | 018.1 | | 284.6 | 000.1107 | 0038.6 | 052.2 | 27.27 |
| 194.0 | 010.0000 | -0004.7 | 018.1 | | 284.6 | 000.1107 | 0038.6 | 052.5 | 27.20 |
| 195.0 | 010.0000 | -0015.8 | 018.1 | | 284.6 | 000.1107 | 0038.6 | 052.8 | 27.12 |
| 196.0 | 010.0000 | -0027.4 | 018.1 | | 284.6 | 000.1107 | 0038.5 | 053.1 | 27.02 |
| 197.0 | 010.0000 | -0035.0 | 018.1 | | 284.7 | 000.1108 | 0038.2 | 053.4 | 26.90 |
| 198.0 | 010.0000 | -0037.1 | 018.1 | | 284.7 | 000.1109 | 0037.8 | 053.8 | 26.77 |
| 199.0 | 010.0000 | -0035.6 | 018.1 | | 284.7 | 000.1110 | 0037.3 | 054.1 | 26.62 |
| 200.0 | 010.0000 | -0031.9 | 018.1 | | 284.7 | 000.1112 | 0036.7 | 054.4 | 26.47 |
| 201.0 | 010.0000 | -0027.9 | 018.1 | | 284.8 | 000.1114 | 0036.0 | 054.7 | 26.30 |
| 202.0 | 010.0000 | -0022.2 | 018.1 | | 284.8 | 000.1116 | 0035.2 | 055.0 | 26.11 |
| 203.0 | 010.0000 | -0013.2 | 018.1 | | 284.9 | 000.1118 | 0034.3 | 055.3 | 25.91 |
| 204.0 | 010.0000 | -0001.8 | 018.1 | | 284.9 | 000.1121 | 0033.3 | 055.6 | 25.70 |
| 205.0 | 010.0000 | 0008.5 | 018.1 | | 285.0 | 000.1124 | 0032.1 | 055.9 | 25.47 |
| 206.0 | 010.0000 | 0017.6 | 018.1 | | 285.0 | 000.1127 | 0030.9 | 056.3 | 25.24 |
| 207.0 | 010.0000 | 0027.2 | 018.1 | | 285.1 | 000.1130 | 0029.5 | 056.6 | 25.06 |
| 208.0 | 010.0000 | 0039.1 | 020.5 | | 282.8 | 000.1016 | 0063.9 | 057.5 | 28.31 |
| 209.0 | 010.0000 | 0050.1 | 023.2 | | 280.4 | 000.0900 | 0084.6 | 058.6 | 29.03 |
| 210.0 | 010.0000 | 0056.4 | 024.6 | | 279.3 | 000.0880 | 0094.3 | 059.5 | 29.33 |
| 211.0 | 010.0000 | 0056.5 | 024.6 | | 279.5 | 000.0880 | 0092.9 | 059.9 | 29.10 |
| 212.0 | 010.0000 | 0053.7 | 024.0 | | 280.1 | 000.0887 | 0086.8 | 060.1 | 28.64 |

Contour-to-Contour Map - Proposed Site
Prc Denver-i, Llc

FMCommander Single Allocation Study - 04-04-2012 - GLOBE 30 Sec
KVOD.A's Overlaps (In= 17.3 km, Out= 9.95 km)

KVOD.A CH 201 C3 DA                        KGCO CH 202 A     BLED20060117AFJ
Lat= 39 43 49.0,   Lng= 105 15 00.0        Lat= 40 37 03.0,   Lng= 105 19 40.0
2.1 kW  251.2 M HAAT, 2334 M COR           0.15 kW  364 M HAAT, 2552 M COR
Prot.= 60 dBu,  Intef.= 54 dBu             Prot.= 60 dBu,  Intef.= 54 dBu
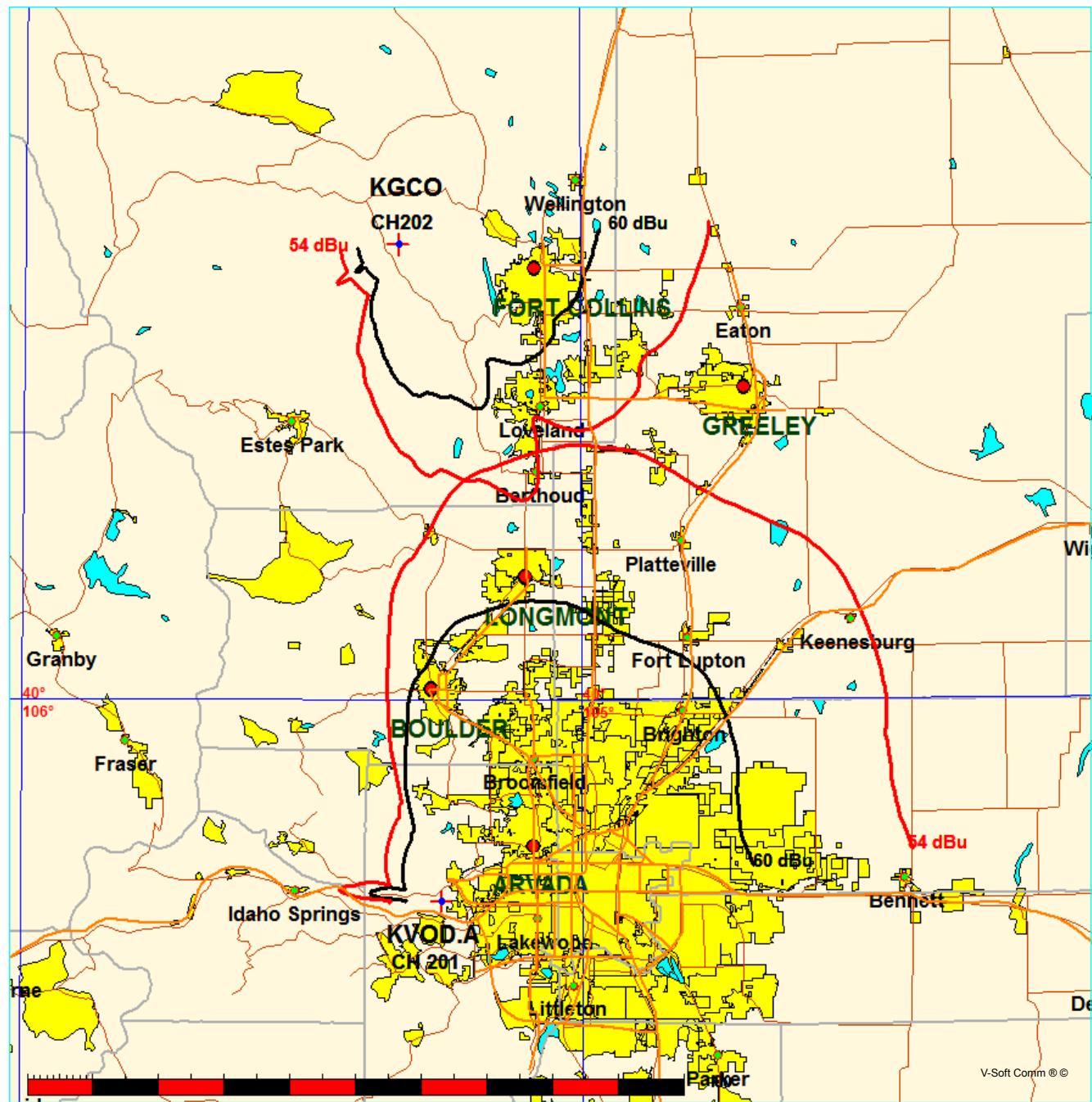
KVOD.A                                      KGCO   BLED20060117AFJ

Channel =  201C3                            Channel = 202A
Max ERP = 2.1 kW                            Max ERP = 0.15 kW
RCAMSL =  2334 M                            RCAMSL =  2552 M
N. Lat. 39 43 49.0                          N. Lat. 40 37 03.0
W. Lng. 105 15 00.0                         W. Lng. 105 19 40.0
Protected                                   Interfering
   60  dBu                                     54  dBu

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) | IX (km) |
|---|---|---|---|---|---|---|---|---|---|
| 266.0 | 000.1024 | -0015.0 | 005.7 | 179.4 | 000.1500 | 0332.2 | 099.0 | 28.67 | |
| 267.0 | 000.0976 | -0000.8 | 005.6 | 179.4 | 000.1500 | 0332.5 | 098.9 | 28.71 | |
| 268.0 | 000.0930 | 0014.4 | 005.5 | 179.4 | 000.1500 | 0332.8 | 098.8 | 28.75 | |
| 269.0 | 000.0884 | 0030.4 | 005.5 | 179.3 | 000.1500 | 0333.0 | 098.7 | 28.78 | |
| 270.0 | 000.0840 | 0050.6 | 007.0 | 180.2 | 000.1500 | 0326.4 | 098.6 | 28.60 | |
| 271.0 | 000.0844 | 0069.3 | 008.2 | 180.9 | 000.1500 | 0317.7 | 098.5 | 28.36 | |
| 272.0 | 000.0848 | 0088.1 | 009.3 | 181.6 | 000.1500 | 0307.0 | 098.4 | 28.07 | |
| 273.0 | 000.0853 | 0106.8 | 010.2 | 182.1 | 000.1500 | 0297.7 | 098.2 | 27.84 | |
| 274.0 | 000.0857 | 0117.9 | 010.7 | 182.4 | 000.1500 | 0292.8 | 098.0 | 27.74 | |
| 275.0 | 000.0861 | 0122.3 | 010.9 | 182.5 | 000.1500 | 0291.0 | 097.8 | 27.75 | |
| 276.0 | 000.0865 | 0122.0 | 010.9 | 182.5 | 000.1500 | 0291.1 | 097.6 | 27.81 | |
| 277.0 | 000.0870 | 0113.6 | 010.6 | 182.3 | 000.1500 | 0294.6 | 097.4 | 27.97 | |
| 278.0 | 000.0874 | 0106.4 | 010.3 | 182.1 | 000.1500 | 0297.8 | 097.3 | 28.12 | |
| 279.0 | 000.0878 | 0097.4 | 009.9 | 181.9 | 000.1500 | 0302.2 | 097.1 | 28.30 | |
| 280.0 | 000.0883 | 0087.7 | 009.4 | 181.5 | 000.1500 | 0307.3 | 097.0 | 28.49 | |
| 281.0 | 000.0929 | 0080.0 | 009.1 | 181.4 | 000.1500 | 0310.6 | 096.9 | 28.63 | |
| 282.0 | 000.0976 | 0071.5 | 008.7 | 181.1 | 000.1500 | 0314.7 | 096.9 | 28.78 | |
| 283.0 | 000.1025 | 0062.2 | 008.2 | 180.8 | 000.1500 | 0319.5 | 096.8 | 28.95 | |
| 284.0 | 000.1074 | 0049.8 | 007.4 | 180.3 | 000.1500 | 0325.8 | 096.9 | 29.13 | |
| 285.0 | 000.1125 | 0031.5 | 005.9 | 179.5 | 000.1500 | 0332.0 | 097.1 | 29.25 | |
| 286.0 | 000.1178 | 0010.6 | 005.9 | 179.4 | 000.1500 | 0332.4 | 097.0 | 29.29 | |
| 287.0 | 000.1231 | -0010.3 | 005.9 | 179.4 | 000.1500 | 0332.2 | 096.9 | 29.32 | |
| 288.0 | 000.1285 | -0028.4 | 006.0 | 179.5 | 000.1500 | 0332.1 | 096.8 | 29.35 | |
| 289.0 | 000.1341 | -0041.4 | 006.1 | 179.5 | 000.1500 | 0332.0 | 096.7 | 29.38 | |
| 290.0 | 000.1398 | -0051.1 | 006.1 | 179.5 | 000.1500 | 0331.9 | 096.5 | 29.42 | |
| 291.0 | 000.1470 | -0057.9 | 006.2 | 179.5 | 000.1500 | 0331.7 | 096.4 | 29.45 | |
| 292.0 | 000.1545 | -0064.5 | 006.3 | 179.5 | 000.1500 | 0331.6 | 096.3 | 29.49 | |
| 293.0 | 000.1621 | -0071.3 | 006.4 | 179.5 | 000.1500 | 0331.4 | 096.2 | 29.52 | |
| 294.0 | 000.1699 | -0078.8 | 006.4 | 179.6 | 000.1500 | 0331.3 | 096.0 | 29.56 | |
| 295.0 | 000.1778 | -0089.2 | 006.5 | 179.6 | 000.1500 | 0331.3 | 095.9 | 29.60 | |
| 296.0 | 000.1860 | -0103.7 | 006.6 | 179.6 | 000.1500 | 0331.2 | 095.8 | 29.64 | |
| 297.0 | 000.1943 | -0121.4 | 006.7 | 179.6 | 000.1500 | 0331.1 | 095.6 | 29.68 | |
| 298.0 | 000.2029 | -0140.8 | 006.7 | 179.6 | 000.1500 | 0331.1 | 095.5 | 29.72 | |
| 299.0 | 000.2116 | -0158.1 | 006.8 | 179.6 | 000.1500 | 0331.0 | 095.3 | 29.76 | |
| 300.0 | 000.2204 | -0169.0 | 006.9 | 179.6 | 000.1500 | 0331.0 | 095.2 | 29.80 | |
| 301.0 | 000.2320 | -0169.3 | 007.0 | 179.6 | 000.1500 | 0331.0 | 095.1 | 29.85 | |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|---|---|---|---|---|---|---|---|---|---|
| 302.0 | 000.2439 | -0160.5 | 007.0 | | 179.6 | 000.1500 | 0330.9 | 094.9 | 29.89 |
| 303.0 | 000.2561 | -0147.0 | 007.1 | | 179.6 | 000.1500 | 0330.9 | 094.8 | 29.94 |
| 304.0 | 000.2685 | -0130.1 | 007.2 | | 179.6 | 000.1500 | 0330.9 | 094.6 | 29.98 |
| 305.0 | 000.2813 | -0111.3 | 007.3 | | 179.6 | 000.1500 | 0330.9 | 094.4 | 30.03 |
| 306.0 | 000.2944 | -0094.5 | 007.4 | | 179.6 | 000.1500 | 0331.0 | 094.3 | 30.08 |
| 307.0 | 000.3077 | -0084.7 | 007.5 | | 179.6 | 000.1500 | 0331.0 | 094.1 | 30.13 |
| 308.0 | 000.3214 | -0084.3 | 007.6 | | 179.6 | 000.1500 | 0331.1 | 094.0 | 30.18 |
| 309.0 | 000.3353 | -0091.7 | 007.6 | | 179.6 | 000.1500 | 0331.2 | 093.8 | 30.23 |
| 310.0 | 000.3496 | -0103.8 | 007.7 | | 179.6 | 000.1500 | 0331.2 | 093.7 | 30.28 |
| 311.0 | 000.3680 | -0117.8 | 007.8 | | 179.6 | 000.1500 | 0331.3 | 093.5 | 30.34 |
| 312.0 | 000.3868 | -0131.8 | 007.9 | | 179.6 | 000.1500 | 0331.4 | 093.3 | 30.39 |
| 313.0 | 000.4062 | -0145.1 | 008.0 | | 179.5 | 000.1500 | 0331.5 | 093.2 | 30.45 |
| 314.0 | 000.4260 | -0156.7 | 008.1 | | 179.5 | 000.1500 | 0331.6 | 093.0 | 30.51 |
| 315.0 | 000.4463 | -0167.5 | 008.2 | | 179.5 | 000.1500 | 0331.7 | 092.8 | 30.56 |
| 316.0 | 000.4671 | -0175.0 | 008.3 | | 179.5 | 000.1500 | 0331.8 | 092.6 | 30.62 |
| 317.0 | 000.4883 | -0174.2 | 008.4 | | 179.5 | 000.1500 | 0332.0 | 092.5 | 30.68 |
| 318.0 | 000.5100 | -0163.1 | 008.5 | | 179.4 | 000.1500 | 0332.2 | 092.3 | 30.74 |
| 319.0 | 000.5322 | -0147.9 | 008.6 | | 179.4 | 000.1500 | 0332.5 | 092.1 | 30.81 |
| 320.0 | 000.5548 | -0133.6 | 008.7 | | 179.4 | 000.1500 | 0332.7 | 091.9 | 30.87 |
| 321.0 | 000.5839 | -0121.8 | 008.9 | | 179.3 | 000.1500 | 0332.9 | 091.8 | 30.93 |
| 322.0 | 000.6137 | -0111.4 | 009.0 | | 179.3 | 000.1500 | 0333.2 | 091.6 | 31.00 |
| 323.0 | 000.6443 | -0100.8 | 009.1 | | 179.3 | 000.1500 | 0333.5 | 091.4 | 31.07 |
| 324.0 | 000.6756 | -0089.2 | 009.2 | | 179.2 | 000.1500 | 0333.8 | 091.2 | 31.13 |
| 325.0 | 000.7077 | -0075.3 | 009.3 | | 179.2 | 000.1500 | 0334.1 | 091.0 | 31.20 |
| 326.0 | 000.7405 | -0058.7 | 009.4 | | 179.1 | 000.1500 | 0334.5 | 090.8 | 31.27 |
| 327.0 | 000.7740 | -0040.1 | 009.5 | | 179.1 | 000.1500 | 0334.9 | 090.7 | 31.34 |
| 328.0 | 000.8083 | -0021.1 | 009.6 | | 179.0 | 000.1500 | 0335.3 | 090.5 | 31.41 |
| 329.0 | 000.8433 | -0003.5 | 009.7 | | 179.0 | 000.1500 | 0335.7 | 090.3 | 31.48 |
| 330.0 | 000.8791 | 0010.0 | 009.8 | | 178.9 | 000.1500 | 0336.2 | 090.1 | 31.55 |
| 331.0 | 000.9253 | 0018.0 | 010.0 | | 178.9 | 000.1500 | 0336.7 | 089.9 | 31.62 |
| 332.0 | 000.9728 | 0022.6 | 010.1 | | 178.8 | 000.1500 | 0337.2 | 089.7 | 31.70 |
| 333.0 | 001.0214 | 0027.4 | 010.2 | | 178.7 | 000.1500 | 0337.7 | 089.6 | 31.77 |
| 334.0 | 001.0712 | 0032.4 | 010.7 | | 178.7 | 000.1500 | 0337.5 | 089.0 | 31.93 |
| 335.0 | 001.1222 | 0033.8 | 011.0 | | 178.7 | 000.1500 | 0337.7 | 088.7 | 32.05 |
| 336.0 | 001.1743 | 0033.5 | 011.1 | | 178.6 | 000.1500 | 0338.4 | 088.5 | 32.12 |
| 337.0 | 001.2277 | 0033.2 | 011.2 | | 178.5 | 000.1500 | 0339.2 | 088.4 | 32.19 |
| 338.0 | 001.2822 | 0035.6 | 011.6 | | 178.5 | 000.1500 | 0339.3 | 087.9 | 32.36 |
| 339.0 | 001.3380 | 0041.4 | 012.6 | | 178.6 | 000.1500 | 0338.5 | 086.9 | 32.67 |
| 340.0 | 001.3949 | 0051.9 | 014.3 | | 178.8 | 000.1500 | 0336.8 | 085.2 | 33.15 |
| 341.0 | 001.4589 | 0064.0 | 016.1 | | 179.1 | 000.1500 | 0335.2 | 083.4 | 33.69 |
| 342.0 | 001.5244 | 0075.5 | 017.8 | | 179.2 | 000.1500 | 0333.9 | 081.7 | 34.21 |
| 343.0 | 001.5913 | 0084.2 | 019.1 | | 179.3 | 000.1500 | 0333.6 | 080.4 | 34.64 |
| 344.0 | 001.6597 | 0093.2 | 020.4 | | 179.3 | 000.1500 | 0333.5 | 079.1 | 35.07 |
| 345.0 | 001.7295 | 0103.3 | 021.7 | | 179.3 | 000.1500 | 0333.6 | 077.7 | 35.54 |
| 346.0 | 001.8007 | 0116.7 | 023.2 | | 179.2 | 000.1500 | 0333.8 | 076.2 | 36.08 |
| 347.0 | 001.8734 | 0130.1 | 024.4 | | 179.1 | 000.1500 | 0334.5 | 074.8 | 36.57 |
| 348.0 | 001.9475 | 0146.8 | 026.0 | | 179.0 | 000.1500 | 0335.2 | 073.2 | 37.15 |
| 349.0 | 002.0230 | 0168.2 | 027.9 | | 179.0 | 000.1500 | 0335.9 | 071.3 | 37.86 |
| 350.0 | 002.1000 | 0189.6 | 029.7 | | 178.8 | 000.1500 | 0337.2 | 069.4 | 38.57 |
| 351.0 | 002.1000 | 0211.5 | 031.3 | | 178.5 | 000.1500 | 0339.0 | 067.7 | 39.26 |
| 352.0 | 002.1000 | 0226.4 | 032.5 | | 178.2 | 000.1500 | 0341.8 | 066.5 | 39.78 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|---|---|---|---|---|---|---|---|---|
| 353.0 | 002.1000 | 0237.9 | 033.3 | 177.8 | 000.1500 | 0345.1 | 065.6 | 40.21 |
| 354.0 | 002.1000 | 0248.0 | 033.9 | 177.3 | 000.1500 | 0348.3 | 064.9 | 40.56 |
| 355.0 | 002.1000 | 0254.6 | 034.3 | 176.8 | 000.1500 | 0354.1 | 064.5 | 40.92 |
| 356.0 | 002.1000 | 0267.9 | 035.1 | 176.3 | 000.1500 | 0362.5 | 063.7 | 41.48 |
| 357.0 | 002.1000 | 0283.0 | 036.0 | 175.7 | 000.1500 | 0371.9 | 062.8 | 42.07 |
| 358.0 | 002.1000 | 0302.9 | 037.1 | 175.1 | 000.1500 | 0382.4 | 061.7 | 42.75 |
| 359.0 | 002.1000 | 0324.2 | 038.3 | 174.4 | 000.1500 | 0392.4 | 060.6 | 43.42 |
| 000.0 | 002.1000 | 0342.5 | 039.3 | 173.6 | 000.1500 | 0398.5 | 059.7 | 43.91 |
| 001.0 | 002.1000 | 0360.8 | 040.2 | 172.9 | 000.1500 | 0403.5 | 058.8 | 44.35 |
| 002.0 | 002.1000 | 0379.3 | 041.1 | 172.0 | 000.1500 | 0406.8 | 058.1 | 44.72 |
| 003.0 | 002.1000 | 0393.0 | 041.7 | 171.2 | 000.1500 | 0404.2 | 057.6 | 44.83 |
| 004.0 | 002.1000 | 0403.8 | 042.2 | 170.4 | 000.1500 | 0399.9 | 057.3 | 44.84 |
| 005.0 | 002.1000 | 0411.3 | 042.5 | 169.6 | 000.1500 | 0395.7 | 057.2 | 44.79 |
| 006.0 | 002.1000 | 0416.7 | 042.8 | 168.8 | 000.1500 | 0396.8 | 057.1 | 44.83 |
| 007.0 | 002.1000 | 0423.2 | 043.1 | 168.0 | 000.1500 | 0402.3 | 057.1 | 44.99 |
| 008.0 | 002.1000 | 0432.3 | 043.5 | 167.1 | 000.1500 | 0409.6 | 056.9 | 45.23 |
| 009.0 | 002.1000 | 0440.6 | 043.9 | 166.3 | 000.1500 | 0419.0 | 056.8 | 45.50 |
| 010.0 | 002.1000 | 0448.9 | 044.3 | 165.4 | 000.1500 | 0428.5 | 056.8 | 45.76 |
| 011.0 | 002.1000 | 0457.6 | 044.8 | 164.5 | 000.1500 | 0437.3 | 056.7 | 46.00 |
| 012.0 | 002.1000 | 0465.1 | 045.1 | 163.6 | 000.1500 | 0445.4 | 056.7 | 46.19 |
| 013.0 | 002.1000 | 0472.2 | 045.5 | 162.7 | 000.1500 | 0449.3 | 056.8 | 46.26 |
| 014.0 | 002.1000 | 0479.8 | 045.9 | 161.8 | 000.1500 | 0450.5 | 056.9 | 46.26 |
| 015.0 | 002.1000 | 0487.8 | 046.3 | 160.9 | 000.1500 | 0453.5 | 057.0 | 46.30 |
| 016.0 | 002.1000 | 0494.7 | 046.7 | 160.1 | 000.1500 | 0461.2 | 057.1 | 46.43 |
| 017.0 | 002.1000 | 0499.7 | 046.9 | 159.2 | 000.1500 | 0471.6 | 057.4 | 46.60 |
| 018.0 | 002.1000 | 0503.8 | 047.1 | 158.5 | 000.1500 | 0483.7 | 057.7 | 46.79 |
| 019.0 | 002.1000 | 0508.2 | 047.4 | 157.7 | 000.1500 | 0497.2 | 058.1 | 47.01 |
| 020.0 | 002.1000 | 0512.6 | 047.6 | 156.9 | 000.1500 | 0512.7 | 058.5 | 47.28 |
| 021.0 | 002.1000 | 0517.2 | 047.9 | 156.2 | 000.1500 | 0529.5 | 058.9 | 47.57 |
| 022.0 | 002.1000 | 0522.0 | 048.1 | 155.4 | 000.1500 | 0545.3 | 059.3 | 47.79 |
| 023.0 | 002.1000 | 0525.8 | 048.4 | 154.7 | 000.1500 | 0557.4 | 059.8 | 47.85 |
| 024.0 | 002.1000 | 0527.6 | 048.5 | 154.1 | 000.1500 | 0565.2 | 060.3 | 47.77 |
| 025.0 | 002.1000 | 0527.8 | 048.5 | 153.6 | 000.1500 | 0569.8 | 061.0 | 47.62 |
| 026.0 | 002.1000 | 0528.0 | 048.5 | 153.1 | 000.1500 | 0571.9 | 061.6 | 47.42 |
| 027.0 | 002.1000 | 0527.8 | 048.5 | 152.6 | 000.1500 | 0572.6 | 062.3 | 47.20 |
| 028.0 | 002.1000 | 0527.1 | 048.4 | 152.2 | 000.1500 | 0572.3 | 063.0 | 46.95 |
| 029.0 | 002.1000 | 0526.4 | 048.4 | 151.8 | 000.1500 | 0571.0 | 063.8 | 46.69 |
| 030.0 | 002.1000 | 0525.6 | 048.3 | 151.5 | 000.1500 | 0569.0 | 064.5 | 46.41 |
| 031.0 | 002.1000 | 0525.0 | 048.3 | 151.1 | 000.1500 | 0566.2 | 065.2 | 46.12 |
| 032.0 | 002.1000 | 0525.2 | 048.3 | 150.7 | 000.1500 | 0562.4 | 066.0 | 45.81 |
| 033.0 | 002.1000 | 0526.0 | 048.4 | 150.4 | 000.1500 | 0557.4 | 066.7 | 45.48 |
| 034.0 | 002.1000 | 0527.9 | 048.5 | 149.9 | 000.1500 | 0551.1 | 067.4 | 45.12 |
| 035.0 | 002.1000 | 0530.6 | 048.6 | 149.5 | 000.1500 | 0543.7 | 068.1 | 44.73 |
| 036.0 | 002.1000 | 0533.7 | 048.8 | 149.1 | 000.1500 | 0534.9 | 068.8 | 44.28 |
| 037.0 | 002.1000 | 0538.0 | 049.0 | 148.6 | 000.1500 | 0524.6 | 069.5 | 43.78 |
| 038.0 | 002.1000 | 0543.1 | 049.3 | 148.2 | 000.1500 | 0513.8 | 070.2 | 43.28 |
| 039.0 | 002.1000 | 0549.2 | 049.6 | 147.7 | 000.1500 | 0502.3 | 070.9 | 42.75 |
| 040.0 | 002.1000 | 0556.1 | 050.0 | 147.2 | 000.1500 | 0491.0 | 071.6 | 42.23 |
| 041.0 | 002.1000 | 0563.6 | 050.3 | 146.7 | 000.1500 | 0479.7 | 072.4 | 41.70 |
| 042.0 | 002.1000 | 0571.8 | 050.7 | 146.3 | 000.1500 | 0468.9 | 073.1 | 41.17 |
| 043.0 | 002.1000 | 0580.1 | 051.0 | 145.9 | 000.1500 | 0458.8 | 073.9 | 40.64 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|---|---|---|---|---|---|---|---|---|
| 044.0 | 002.1000 | 0588.1 | 051.4 | 145.5 | 000.1500 | 0449.5 | 074.7 | 40.13 |
| 045.0 | 002.1000 | 0595.4 | 051.6 | 145.1 | 000.1500 | 0441.3 | 075.5 | 39.63 |
| 046.0 | 002.1000 | 0601.7 | 051.9 | 144.8 | 000.1500 | 0434.1 | 076.4 | 39.15 |
| 047.0 | 002.1000 | 0606.9 | 052.1 | 144.6 | 000.1500 | 0427.9 | 077.2 | 38.69 |
| 048.0 | 002.1000 | 0610.8 | 052.2 | 144.4 | 000.1500 | 0423.2 | 078.1 | 38.25 |
| 049.0 | 002.1000 | 0613.5 | 052.3 | 144.2 | 000.1500 | 0419.6 | 079.0 | 37.85 |
| 050.0 | 002.1000 | 0615.4 | 052.4 | 144.1 | 000.1500 | 0416.9 | 079.9 | 37.47 |
| 051.0 | 002.0720 | 0616.6 | 052.3 | 144.2 | 000.1500 | 0417.3 | 080.8 | 37.18 |
| 052.0 | 002.0441 | 0617.4 | 052.2 | 144.2 | 000.1500 | 0418.3 | 081.8 | 36.90 |
| 053.0 | 002.0164 | 0617.4 | 052.1 | 144.3 | 000.1500 | 0420.1 | 082.7 | 36.65 |
| 054.0 | 001.9889 | 0616.6 | 051.9 | 144.4 | 000.1500 | 0422.6 | 083.6 | 36.43 |
| 055.0 | 001.9617 | 0615.2 | 051.7 | 144.5 | 000.1500 | 0425.8 | 084.5 | 36.22 |
| 056.0 | 001.9346 | 0613.5 | 051.5 | 144.6 | 000.1500 | 0429.3 | 085.4 | 36.04 |
| 057.0 | 001.9076 | 0612.5 | 051.3 | 144.8 | 000.1500 | 0432.6 | 086.3 | 35.84 |
| 058.0 | 001.8809 | 0611.7 | 051.2 | 144.9 | 000.1500 | 0436.1 | 087.2 | 35.66 |
| 059.0 | 001.8544 | 0611.4 | 051.0 | 145.0 | 000.1500 | 0439.3 | 088.1 | 35.48 |
| 060.0 | 001.8280 | 0611.2 | 050.9 | 145.2 | 000.1500 | 0442.6 | 088.9 | 35.29 |
| 061.0 | 001.7759 | 0611.7 | 050.6 | 145.4 | 000.1500 | 0447.7 | 089.8 | 35.18 |
| 062.0 | 001.7245 | 0612.7 | 050.4 | 145.6 | 000.1500 | 0452.7 | 090.6 | 35.06 |
| 063.0 | 001.6739 | 0614.3 | 050.1 | 145.8 | 000.1500 | 0457.7 | 091.5 | 34.95 |
| 064.0 | 001.6240 | 0616.2 | 049.9 | 146.0 | 000.1500 | 0462.7 | 092.3 | 34.83 |
| 065.0 | 001.5749 | 0617.8 | 049.7 | 146.2 | 000.1500 | 0468.0 | 093.1 | 34.73 |
| 066.0 | 001.5265 | 0618.5 | 049.4 | 146.5 | 000.1500 | 0473.9 | 094.0 | 34.64 |
| 067.0 | 001.4789 | 0618.0 | 049.1 | 146.8 | 000.1500 | 0480.6 | 094.8 | 34.57 |
| 068.0 | 001.4321 | 0616.5 | 048.7 | 147.1 | 000.1500 | 0488.1 | 095.5 | 34.53 |
| 069.0 | 001.3860 | 0614.0 | 048.3 | 147.4 | 000.1500 | 0496.3 | 096.3 | 34.50 |
| 070.0 | 001.3406 | 0610.6 | 047.8 | 147.8 | 000.1500 | 0504.8 | 097.0 | 34.49 |
| 071.0 | 001.3403 | 0606.5 | 047.6 | 148.0 | 000.1500 | 0509.5 | 097.8 | 34.38 |
| 072.0 | 001.3400 | 0601.7 | 047.5 | 148.2 | 000.1500 | 0514.8 | 098.6 | 34.29 |
| 073.0 | 001.3396 | 0596.6 | 047.3 | 148.4 | 000.1500 | 0520.0 | 099.3 | 34.20 |
| 074.0 | 001.3393 | 0591.6 | 047.1 | 148.7 | 000.1500 | 0525.4 | 100.1 | 34.12 |
| 075.0 | 001.3390 | 0587.3 | 046.9 | 148.9 | 000.1500 | 0530.5 | 100.8 | 34.04 |
| 076.0 | 001.3386 | 0584.2 | 046.8 | 149.1 | 000.1500 | 0534.8 | 101.6 | 33.94 |
| 077.0 | 001.3383 | 0582.5 | 046.7 | 149.3 | 000.1500 | 0538.5 | 102.3 | 33.82 |
| 078.0 | 001.3380 | 0582.6 | 046.7 | 149.4 | 000.1500 | 0541.3 | 103.1 | 33.68 |
| 079.0 | 001.3376 | 0583.7 | 046.7 | 149.5 | 000.1500 | 0543.8 | 103.9 | 33.53 |
| 080.0 | 001.3373 | 0585.2 | 046.8 | 149.6 | 000.1500 | 0546.0 | 104.7 | 33.37 |
| 081.0 | 001.3636 | 0586.4 | 047.0 | 149.7 | 000.1500 | 0546.7 | 105.5 | 33.16 |
| 082.0 | 001.3901 | 0587.7 | 047.3 | 149.7 | 000.1500 | 0547.5 | 106.4 | 32.96 |
| 083.0 | 001.4169 | 0589.3 | 047.5 | 149.8 | 000.1500 | 0548.3 | 107.2 | 32.75 |
| 084.0 | 001.4439 | 0590.6 | 047.8 | 149.8 | 000.1500 | 0549.3 | 108.1 | 32.55 |
| 085.0 | 001.4712 | 0591.0 | 048.0 | 149.9 | 000.1500 | 0550.7 | 108.9 | 32.37 |

KGCO   BLED20060117AFJ                    KVOD.A

Channel = 202A                            Channel =  201C3
Max ERP = 0.15 kW                         Max ERP = 2.1 kW
RCAMSL =  2552 M                          RCAMSL =  2334 M
N. Lat. 40 37 03.0                        N. Lat. 39 43 49.0
W. Lng. 105 19 40.0                       W. Lng. 105 15 00.0
Protected                                 Interfering
   60  dBu                                   54  dBu


| Azimuth   | ERP      | HAAT   | Dist   | Azimuth   | ERP      | HAAT   | Dist   | Actual | IX   |
| (degrees) | (kW)     | (m)    | (km)   | (degrees) | (kW)     | (m)    | (km)   | (dBu)  | (km) |
|-----------|----------|--------|--------|-----------|----------|--------|--------|--------|------|
| 086.0     | 000.1500 | 0691.0 | 030.5  | 013.2     | 002.1000 | 0473.6 | 103.5  | 43.26  |      |
| 087.0     | 000.1500 | 0688.9 | 030.5  | 013.2     | 002.1000 | 0474.1 | 103.0  | 43.42  |      |
| 088.0     | 000.1500 | 0686.0 | 030.4  | 013.3     | 002.1000 | 0474.4 | 102.5  | 43.58  |      |
| 089.0     | 000.1500 | 0681.0 | 030.3  | 013.3     | 002.1000 | 0474.5 | 101.9  | 43.74  |      |
| 090.0     | 000.1500 | 0675.0 | 030.2  | 013.3     | 002.1000 | 0474.4 | 101.4  | 43.90  |      |
| 091.0     | 000.1500 | 0668.8 | 030.0  | 013.3     | 002.1000 | 0474.3 | 100.8  | 44.05  |      |
| 092.0     | 000.1500 | 0662.4 | 029.9  | 013.3     | 002.1000 | 0474.1 | 100.3  | 44.21  |      |
| 093.0     | 000.1500 | 0656.4 | 029.7  | 013.2     | 002.1000 | 0474.0 | 099.8  | 44.36  |      |
| 094.0     | 000.1500 | 0649.8 | 029.6  | 013.2     | 002.1000 | 0473.7 | 099.2  | 44.51  |      |
| 095.0     | 000.1500 | 0644.5 | 029.4  | 013.2     | 002.1000 | 0473.5 | 098.7  | 44.66  |      |
| 096.0     | 000.1500 | 0638.4 | 029.3  | 013.1     | 002.1000 | 0473.2 | 098.2  | 44.81  |      |
| 097.0     | 000.1500 | 0632.2 | 029.1  | 013.1     | 002.1000 | 0472.8 | 097.7  | 44.96  |      |
| 098.0     | 000.1500 | 0625.3 | 029.0  | 013.0     | 002.1000 | 0472.3 | 097.1  | 45.10  |      |
| 099.0     | 000.1500 | 0619.9 | 028.9  | 013.0     | 002.1000 | 0472.0 | 096.6  | 45.24  |      |
| 100.0     | 000.1500 | 0615.9 | 028.8  | 012.9     | 002.1000 | 0471.7 | 096.1  | 45.39  |      |
| 101.0     | 000.1500 | 0613.4 | 028.7  | 012.9     | 002.1000 | 0471.6 | 095.6  | 45.54  |      |
| 102.0     | 000.1500 | 0612.8 | 028.7  | 012.9     | 002.1000 | 0471.6 | 095.1  | 45.69  |      |
| 103.0     | 000.1500 | 0612.2 | 028.7  | 012.9     | 002.1000 | 0471.5 | 094.6  | 45.84  |      |
| 104.0     | 000.1500 | 0610.1 | 028.6  | 012.9     | 002.1000 | 0471.3 | 094.1  | 45.99  |      |
| 105.0     | 000.1500 | 0606.8 | 028.5  | 012.8     | 002.1000 | 0470.9 | 093.6  | 46.13  |      |
| 106.0     | 000.1500 | 0602.1 | 028.4  | 012.7     | 002.1000 | 0470.3 | 093.1  | 46.27  |      |
| 107.0     | 000.1500 | 0597.9 | 028.3  | 012.7     | 002.1000 | 0469.7 | 092.6  | 46.40  |      |
| 108.0     | 000.1500 | 0593.0 | 028.2  | 012.6     | 002.1000 | 0469.0 | 092.1  | 46.53  |      |
| 109.0     | 000.1500 | 0585.5 | 028.0  | 012.4     | 002.1000 | 0468.0 | 091.7  | 46.65  |      |
| 110.0     | 000.1500 | 0576.6 | 027.8  | 012.2     | 002.1000 | 0466.8 | 091.2  | 46.76  |      |
| 111.0     | 000.1500 | 0566.2 | 027.6  | 012.0     | 002.1000 | 0465.4 | 090.8  | 46.86  |      |
| 112.0     | 000.1500 | 0554.9 | 027.3  | 011.8     | 002.1000 | 0463.7 | 090.4  | 46.94  |      |
| 113.0     | 000.1500 | 0544.7 | 027.0  | 011.6     | 002.1000 | 0462.1 | 089.9  | 47.03  |      |
| 114.0     | 000.1500 | 0536.1 | 026.7  | 011.4     | 002.1000 | 0460.5 | 089.5  | 47.11  |      |
| 115.0     | 000.1500 | 0530.7 | 026.6  | 011.2     | 002.1000 | 0459.2 | 089.1  | 47.20  |      |
| 116.0     | 000.1500 | 0530.0 | 026.5  | 011.1     | 002.1000 | 0458.5 | 088.7  | 47.32  |      |
| 117.0     | 000.1500 | 0534.6 | 026.7  | 011.1     | 002.1000 | 0458.6 | 088.2  | 47.48  |      |
| 118.0     | 000.1500 | 0542.5 | 026.9  | 011.2     | 002.1000 | 0459.0 | 087.7  | 47.66  |      |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|---|---|---|---|---|---|---|---|---|
| 119.0 | 000.1500 | 0551.3 | 027.2 | 011.2 | 002.1000 | 0459.5 | 087.1 | 47.84 |
| 120.0 | 000.1500 | 0558.2 | 027.3 | 011.3 | 002.1000 | 0459.7 | 086.6 | 48.01 |
| 121.0 | 000.1500 | 0561.6 | 027.4 | 011.2 | 002.1000 | 0459.3 | 086.2 | 48.15 |
| 122.0 | 000.1500 | 0562.0 | 027.4 | 011.1 | 002.1000 | 0458.5 | 085.7 | 48.27 |
| 123.0 | 000.1500 | 0560.8 | 027.4 | 011.0 | 002.1000 | 0457.4 | 085.3 | 48.38 |
| 124.0 | 000.1500 | 0557.8 | 027.3 | 010.8 | 002.1000 | 0455.9 | 084.9 | 48.47 |
| 125.0 | 000.1500 | 0554.8 | 027.3 | 010.6 | 002.1000 | 0454.4 | 084.5 | 48.56 |
| 126.0 | 000.1500 | 0552.6 | 027.2 | 010.4 | 002.1000 | 0452.9 | 084.0 | 48.64 |
| 127.0 | 000.1500 | 0550.2 | 027.1 | 010.3 | 002.1000 | 0451.3 | 083.7 | 48.73 |
| 128.0 | 000.1500 | 0545.6 | 027.0 | 010.0 | 002.1000 | 0449.3 | 083.3 | 48.78 |
| 129.0 | 000.1500 | 0539.1 | 026.8 | 009.8 | 002.1000 | 0446.9 | 083.0 | 48.82 |
| 130.0 | 000.1500 | 0533.6 | 026.7 | 009.5 | 002.1000 | 0444.8 | 082.6 | 48.87 |
| 131.0 | 000.1500 | 0529.6 | 026.5 | 009.3 | 002.1000 | 0442.9 | 082.3 | 48.92 |
| 132.0 | 000.1500 | 0524.8 | 026.4 | 009.0 | 002.1000 | 0440.8 | 082.0 | 48.96 |
| 133.0 | 000.1500 | 0517.6 | 026.2 | 008.7 | 002.1000 | 0438.5 | 081.7 | 48.98 |
| 134.0 | 000.1500 | 0509.4 | 025.9 | 008.4 | 002.1000 | 0435.9 | 081.5 | 48.98 |
| 135.0 | 000.1500 | 0499.0 | 025.6 | 008.0 | 002.1000 | 0432.7 | 081.3 | 48.94 |
| 136.0 | 000.1500 | 0484.3 | 025.1 | 007.6 | 002.1000 | 0428.5 | 081.3 | 48.84 |
| 137.0 | 000.1500 | 0464.1 | 024.5 | 007.1 | 002.1000 | 0423.9 | 081.3 | 48.69 |
| 138.0 | 000.1500 | 0441.0 | 023.9 | 006.6 | 002.1000 | 0419.7 | 081.4 | 48.53 |
| 139.0 | 000.1500 | 0416.4 | 023.3 | 006.0 | 002.1000 | 0416.8 | 081.5 | 48.40 |
| 140.0 | 000.1500 | 0393.5 | 022.7 | 005.5 | 002.1000 | 0414.4 | 081.6 | 48.28 |
| 141.0 | 000.1500 | 0376.4 | 022.2 | 005.1 | 002.1000 | 0411.9 | 081.7 | 48.19 |
| 142.0 | 000.1500 | 0373.2 | 022.1 | 004.9 | 002.1000 | 0410.5 | 081.5 | 48.21 |
| 143.0 | 000.1500 | 0388.6 | 022.5 | 004.9 | 002.1000 | 0410.5 | 080.9 | 48.40 |
| 144.0 | 000.1500 | 0413.3 | 023.2 | 005.0 | 002.1000 | 0411.1 | 080.2 | 48.67 |
| 145.0 | 000.1500 | 0438.4 | 023.8 | 005.0 | 002.1000 | 0411.5 | 079.4 | 48.94 |
| 146.0 | 000.1500 | 0462.1 | 024.5 | 005.1 | 002.1000 | 0411.9 | 078.6 | 49.21 |
| 147.0 | 000.1500 | 0485.8 | 025.2 | 005.2 | 002.1000 | 0412.4 | 077.8 | 49.50 |
| 148.0 | 000.1500 | 0509.5 | 025.9 | 005.3 | 002.1000 | 0412.8 | 077.0 | 49.80 |
| 149.0 | 000.1500 | 0532.9 | 026.6 | 005.3 | 002.1000 | 0413.0 | 076.1 | 50.09 |
| 150.0 | 000.1500 | 0552.1 | 027.2 | 005.3 | 002.1000 | 0412.8 | 075.4 | 50.32 |
| 151.0 | 000.1500 | 0565.3 | 027.5 | 005.1 | 002.1000 | 0411.9 | 074.8 | 50.48 |
| 152.0 | 000.1500 | 0571.7 | 027.7 | 004.9 | 002.1000 | 0410.5 | 074.4 | 50.58 |
| 153.0 | 000.1500 | 0572.3 | 027.7 | 004.6 | 002.1000 | 0408.5 | 074.2 | 50.61 |
| 154.0 | 000.1500 | 0566.4 | 027.6 | 004.2 | 002.1000 | 0405.3 | 074.0 | 50.56 |
| 155.0 | 000.1500 | 0552.9 | 027.2 | 003.7 | 002.1000 | 0401.4 | 074.1 | 50.41 |
| 156.0 | 000.1500 | 0533.3 | 026.6 | 003.2 | 002.1000 | 0395.8 | 074.4 | 50.16 |
| 157.0 | 000.1500 | 0511.2 | 026.0 | 002.7 | 002.1000 | 0388.8 | 074.8 | 49.81 |
| 158.0 | 000.1500 | 0491.6 | 025.4 | 002.2 | 002.1000 | 0382.2 | 075.1 | 49.49 |
| 159.0 | 000.1500 | 0475.4 | 024.9 | 001.7 | 002.1000 | 0373.9 | 075.4 | 49.13 |
| 160.0 | 000.1500 | 0462.0 | 024.5 | 001.3 | 002.1000 | 0366.3 | 075.6 | 48.81 |
| 161.0 | 000.1500 | 0453.1 | 024.2 | 000.9 | 002.1000 | 0359.7 | 075.7 | 48.56 |
| 162.0 | 000.1500 | 0450.5 | 024.2 | 000.6 | 002.1000 | 0353.9 | 075.6 | 48.40 |
| 163.0 | 000.1500 | 0448.3 | 024.1 | 000.3 | 002.1000 | 0348.1 | 075.6 | 48.23 |
| 164.0 | 000.1500 | 0442.4 | 023.9 | 360.0 | 002.1000 | 0342.0 | 075.6 | 48.01 |
| 165.0 | 000.1500 | 0432.0 | 023.7 | 359.6 | 002.1000 | 0335.5 | 075.7 | 47.73 |
| 166.0 | 000.1500 | 0422.0 | 023.4 | 359.3 | 002.1000 | 0329.2 | 075.9 | 47.47 |
| 167.0 | 000.1500 | 0410.9 | 023.1 | 358.9 | 002.1000 | 0322.9 | 076.1 | 47.19 |
| 168.0 | 000.1500 | 0402.2 | 022.9 | 358.6 | 002.1000 | 0316.4 | 076.2 | 46.92 |
| 169.0 | 000.1500 | 0395.9 | 022.7 | 358.3 | 002.1000 | 0308.8 | 076.3 | 46.63 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|---|---|---|---|---|---|---|---|---|---|
| 170.0 | 000.1500 | 0397.6 | 022.8 | | 358.0 | 002.1000 | 0302.9 | 076.2 | 46.48 |
| 171.0 | 000.1500 | 0403.2 | 022.9 | | 357.7 | 002.1000 | 0296.8 | 076.0 | 46.35 |
| 172.0 | 000.1500 | 0406.8 | 023.0 | | 357.4 | 002.1000 | 0290.5 | 075.9 | 46.19 |
| 173.0 | 000.1500 | 0402.7 | 022.9 | | 357.1 | 002.1000 | 0285.0 | 076.0 | 45.99 |
| 174.0 | 000.1500 | 0395.8 | 022.7 | | 356.8 | 002.1000 | 0280.2 | 076.1 | 45.79 |
| 175.0 | 000.1500 | 0383.3 | 022.4 | | 356.5 | 002.1000 | 0275.7 | 076.5 | 45.55 |
| 176.0 | 000.1500 | 0366.5 | 021.9 | | 356.2 | 002.1000 | 0271.4 | 076.9 | 45.26 |
| 177.0 | 000.1500 | 0351.0 | 021.5 | | 355.9 | 002.1000 | 0267.0 | 077.3 | 44.98 |
| 178.0 | 000.1500 | 0343.3 | 021.3 | | 355.7 | 002.1000 | 0262.7 | 077.6 | 44.77 |
| 179.0 | 000.1500 | 0335.6 | 021.1 | | 355.4 | 002.1000 | 0258.9 | 077.8 | 44.57 |
| 180.0 | 000.1500 | 0327.9 | 020.8 | | 355.2 | 002.1000 | 0255.9 | 078.1 | 44.39 |
| 181.0 | 000.1500 | 0316.5 | 020.5 | | 354.9 | 002.1000 | 0254.1 | 078.5 | 44.21 |
| 182.0 | 000.1500 | 0299.6 | 019.9 | | 354.7 | 002.1000 | 0253.0 | 079.0 | 43.98 |
| 183.0 | 000.1500 | 0282.8 | 019.4 | | 354.5 | 002.1000 | 0251.9 | 079.6 | 43.75 |
| 184.0 | 000.1500 | 0265.2 | 018.7 | | 354.4 | 002.1000 | 0250.8 | 080.3 | 43.50 |
| 185.0 | 000.1500 | 0251.2 | 018.2 | | 354.2 | 002.1000 | 0249.7 | 080.9 | 43.28 |
| 186.0 | 000.1500 | 0237.5 | 017.7 | | 354.1 | 002.1000 | 0248.6 | 081.4 | 43.06 |
| 187.0 | 000.1500 | 0224.8 | 017.2 | | 353.9 | 002.1000 | 0247.5 | 082.0 | 42.84 |
| 188.0 | 000.1500 | 0211.6 | 016.7 | | 353.8 | 002.1000 | 0246.6 | 082.6 | 42.62 |
| 189.0 | 000.1500 | 0198.7 | 016.1 | | 353.7 | 002.1000 | 0245.8 | 083.2 | 42.40 |
| 190.0 | 000.1500 | 0186.2 | 015.6 | | 353.7 | 002.1000 | 0245.0 | 083.8 | 42.19 |
| 191.0 | 000.1500 | 0174.7 | 015.1 | | 353.6 | 002.1000 | 0244.3 | 084.3 | 41.99 |
| 192.0 | 000.1500 | 0167.5 | 014.8 | | 353.5 | 002.1000 | 0243.3 | 084.7 | 41.83 |
| 193.0 | 000.1500 | 0161.8 | 014.5 | | 353.4 | 002.1000 | 0242.2 | 085.1 | 41.68 |
| 194.0 | 000.1500 | 0153.5 | 014.1 | | 353.3 | 002.1000 | 0241.6 | 085.6 | 41.51 |
| 195.0 | 000.1500 | 0142.3 | 013.5 | | 353.3 | 002.1000 | 0241.5 | 086.2 | 41.30 |
| 196.0 | 000.1500 | 0131.2 | 012.9 | | 353.3 | 002.1000 | 0241.5 | 086.8 | 41.11 |
| 197.0 | 000.1500 | 0124.2 | 012.6 | | 353.3 | 002.1000 | 0241.0 | 087.2 | 40.97 |
| 198.0 | 000.1500 | 0119.6 | 012.4 | | 353.2 | 002.1000 | 0240.2 | 087.5 | 40.85 |
| 199.0 | 000.1500 | 0116.1 | 012.2 | | 353.1 | 002.1000 | 0239.3 | 087.7 | 40.74 |
| 200.0 | 000.1500 | 0112.3 | 012.0 | | 353.0 | 002.1000 | 0238.5 | 088.0 | 40.63 |
| 201.0 | 000.1500 | 0107.4 | 011.8 | | 353.0 | 002.1000 | 0238.0 | 088.3 | 40.52 |
| 202.0 | 000.1500 | 0100.5 | 011.4 | | 353.0 | 002.1000 | 0238.0 | 088.7 | 40.38 |
| 203.0 | 000.1500 | 0092.9 | 011.0 | | 353.0 | 002.1000 | 0238.3 | 089.2 | 40.25 |
| 204.0 | 000.1500 | 0082.7 | 010.4 | | 353.1 | 002.1000 | 0239.3 | 089.8 | 40.09 |
| 205.0 | 000.1500 | 0072.5 | 009.8 | | 353.2 | 002.1000 | 0240.5 | 090.4 | 39.93 |
| 206.0 | 000.1500 | 0062.6 | 009.1 | | 353.4 | 002.1000 | 0242.0 | 091.1 | 39.78 |
| 207.0 | 000.1500 | 0052.6 | 008.3 | | 353.6 | 002.1000 | 0244.0 | 091.8 | 39.61 |
| 208.0 | 000.1500 | 0044.0 | 007.5 | | 353.8 | 002.1000 | 0246.0 | 092.6 | 39.43 |
| 209.0 | 000.1500 | 0038.9 | 007.0 | | 353.9 | 002.1000 | 0246.9 | 093.0 | 39.32 |
| 210.0 | 000.1500 | 0034.0 | 006.6 | | 354.0 | 002.1000 | 0247.7 | 093.4 | 39.21 |
| 211.0 | 000.1500 | 0029.5 | 006.2 | | 354.0 | 002.1000 | 0248.3 | 093.8 | 39.12 |
| 212.0 | 000.1500 | 0025.0 | 006.2 | | 354.0 | 002.1000 | 0247.9 | 093.9 | 39.08 |
| 213.0 | 000.1500 | 0020.2 | 006.2 | | 353.9 | 002.1000 | 0247.4 | 093.9 | 39.05 |
| 214.0 | 000.1500 | 0012.9 | 006.2 | | 353.9 | 002.1000 | 0247.0 | 094.0 | 39.02 |
| 215.0 | 000.1500 | 0003.4 | 006.2 | | 353.8 | 002.1000 | 0246.6 | 094.1 | 38.98 |
| 216.0 | 000.1500 | -0005.7 | 006.2 | | 353.8 | 002.1000 | 0246.2 | 094.1 | 38.94 |
| 217.0 | 000.1500 | -0012.5 | 006.2 | | 353.7 | 002.1000 | 0245.7 | 094.2 | 38.91 |
| 218.0 | 000.1500 | -0018.1 | 006.2 | | 353.7 | 002.1000 | 0245.3 | 094.3 | 38.87 |
| 219.0 | 000.1500 | -0025.4 | 006.2 | | 353.6 | 002.1000 | 0244.9 | 094.4 | 38.83 |
| 220.0 | 000.1500 | -0032.7 | 006.2 | | 353.6 | 002.1000 | 0244.4 | 094.5 | 38.79 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|---|---|---|---|---|---|---|---|---|
| 221.0 | 000.1500 | -0037.7 | 006.2 | 353.5 | 002.1000 | 0244.0 | 094.5 | 38.75 |
| 222.0 | 000.1500 | -0040.0 | 006.2 | 353.5 | 002.1000 | 0243.5 | 094.6 | 38.72 |
| 223.0 | 000.1500 | -0043.8 | 006.2 | 353.5 | 002.1000 | 0243.1 | 094.7 | 38.68 |
| 224.0 | 000.1500 | -0049.8 | 006.2 | 353.4 | 002.1000 | 0242.6 | 094.8 | 38.64 |
| 225.0 | 000.1500 | -0055.3 | 006.2 | 353.4 | 002.1000 | 0242.2 | 094.9 | 38.60 |
| 226.0 | 000.1500 | -0059.1 | 006.2 | 353.3 | 002.1000 | 0241.8 | 095.0 | 38.56 |
| 227.0 | 000.1500 | -0058.6 | 006.2 | 353.3 | 002.1000 | 0241.3 | 095.0 | 38.51 |
| 228.0 | 000.1500 | -0053.1 | 006.2 | 353.3 | 002.1000 | 0240.9 | 095.1 | 38.47 |
| 229.0 | 000.1500 | -0043.0 | 006.2 | 353.2 | 002.1000 | 0240.5 | 095.2 | 38.43 |
| 230.0 | 000.1500 | -0032.5 | 006.2 | 353.2 | 002.1000 | 0240.1 | 095.3 | 38.39 |
| 231.0 | 000.1500 | -0022.5 | 006.2 | 353.2 | 002.1000 | 0239.7 | 095.4 | 38.35 |
| 232.0 | 000.1500 | -0011.3 | 006.2 | 353.1 | 002.1000 | 0239.3 | 095.5 | 38.31 |
| 233.0 | 000.1500 | 0003.1 | 006.2 | 353.1 | 002.1000 | 0239.0 | 095.6 | 38.27 |
| 234.0 | 000.1500 | 0018.4 | 006.2 | 353.1 | 002.1000 | 0238.6 | 095.7 | 38.23 |
| 235.0 | 000.1500 | 0032.5 | 006.5 | 352.9 | 002.1000 | 0236.9 | 095.7 | 38.17 |
| 236.0 | 000.1500 | 0042.4 | 007.4 | 352.4 | 002.1000 | 0230.5 | 095.4 | 38.06 |
| 237.0 | 000.1500 | 0046.9 | 007.8 | 352.1 | 002.1000 | 0227.8 | 095.3 | 37.98 |
| 238.0 | 000.1500 | 0047.1 | 007.8 | 352.1 | 002.1000 | 0227.4 | 095.4 | 37.93 |
| 239.0 | 000.1500 | 0042.8 | 007.4 | 352.3 | 002.1000 | 0229.3 | 095.7 | 37.91 |
| 240.0 | 000.1500 | 0037.4 | 006.9 | 352.5 | 002.1000 | 0232.0 | 096.0 | 37.91 |
| 241.0 | 000.1500 | 0032.8 | 006.5 | 352.7 | 002.1000 | 0234.6 | 096.3 | 37.91 |
| 242.0 | 000.1500 | 0028.9 | 006.2 | 352.8 | 002.1000 | 0236.0 | 096.5 | 37.90 |
| 243.0 | 000.1500 | 0026.4 | 006.2 | 352.8 | 002.1000 | 0235.7 | 096.6 | 37.86 |
| 244.0 | 000.1500 | 0023.0 | 006.2 | 352.8 | 002.1000 | 0235.5 | 096.7 | 37.82 |
| 245.0 | 000.1500 | 0017.1 | 006.2 | 352.8 | 002.1000 | 0235.2 | 096.8 | 37.78 |
| 246.0 | 000.1500 | 0008.8 | 006.2 | 352.8 | 002.1000 | 0235.0 | 096.9 | 37.74 |
| 247.0 | 000.1500 | -0001.8 | 006.2 | 352.7 | 002.1000 | 0234.8 | 097.0 | 37.70 |
| 248.0 | 000.1500 | -0013.5 | 006.2 | 352.7 | 002.1000 | 0234.5 | 097.1 | 37.66 |
| 249.0 | 000.1500 | -0025.3 | 006.2 | 352.7 | 002.1000 | 0234.3 | 097.2 | 37.62 |
| 250.0 | 000.1500 | -0036.3 | 006.2 | 352.7 | 002.1000 | 0234.2 | 097.3 | 37.58 |
| 251.0 | 000.1500 | -0048.0 | 006.2 | 352.7 | 002.1000 | 0234.0 | 097.4 | 37.54 |
| 252.0 | 000.1500 | -0061.7 | 006.2 | 352.7 | 002.1000 | 0233.8 | 097.5 | 37.51 |
| 253.0 | 000.1500 | -0078.4 | 006.2 | 352.7 | 002.1000 | 0233.7 | 097.6 | 37.47 |
| 254.0 | 000.1500 | -0096.2 | 006.2 | 352.6 | 002.1000 | 0233.6 | 097.7 | 37.43 |
| 255.0 | 000.1500 | -0114.6 | 006.2 | 352.6 | 002.1000 | 0233.4 | 097.8 | 37.40 |
| 256.0 | 000.1500 | -0132.0 | 006.2 | 352.6 | 002.1000 | 0233.3 | 097.9 | 37.36 |
| 257.0 | 000.1500 | -0145.4 | 006.2 | 352.6 | 002.1000 | 0233.3 | 098.1 | 37.32 |
| 258.0 | 000.1500 | -0155.5 | 006.2 | 352.6 | 002.1000 | 0233.2 | 098.2 | 37.29 |
| 259.0 | 000.1500 | -0162.1 | 006.2 | 352.6 | 002.1000 | 0233.1 | 098.3 | 37.25 |
| 260.0 | 000.1500 | -0164.3 | 006.2 | 352.6 | 002.1000 | 0233.1 | 098.4 | 37.22 |
| 261.0 | 000.1500 | -0166.2 | 006.2 | 352.6 | 002.1000 | 0233.1 | 098.5 | 37.19 |
| 262.0 | 000.1500 | -0165.1 | 006.2 | 352.6 | 002.1000 | 0233.1 | 098.6 | 37.15 |
| 263.0 | 000.1500 | -0160.3 | 006.2 | 352.6 | 002.1000 | 0233.1 | 098.7 | 37.12 |
| 264.0 | 000.1500 | -0147.6 | 006.2 | 352.6 | 002.1000 | 0233.1 | 098.8 | 37.09 |
| 265.0 | 000.1500 | -0132.2 | 006.2 | 352.6 | 002.1000 | 0233.1 | 098.9 | 37.06 |