

| Georgia-carolina Wireless, LLC<br>WESL - Minor Amendment to BMPH-20081224AAT<br>Average Protected F(50-50)= 28.44 km<br>73.215 Omni-directional |      |               |     |       |                 |  |         |                 |                             |               |          |
|---|------|---------------|-----|-------|-----------------|--|---------|-----------------|-----------------------------|---------------|----------|
| REFERENCE   |      | CH#           |     | 240A  |                 | - 95.9 MHz, Pwr= 4.5 kW, HAAT= 116.7 M, COR= 367.9 M |         | DISPLAY DATES   |                             | DATA 03-19-09 |          |
| 34 42 33.3 N.   |      | 82 55 28.7 W. |     |       |                 |  |         | SEARCH 03-19-09 |                             |               |          |
| 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)   |
| 240A WESL   |      | APP           | ZCX | 96.5  | 23.5            | 34 41 07.0   | 6.000   | 64.6            | 20.9                        | 91.5R         | -68.0M*  |
| Liberty   |      | SC            |     | 276.6 | BMPH20081224AAT | 82 40 12.0   | 100     | 352             | Georgia-carolina Wireless,  |               |          |
| 240A WESL   |      | RSV           | --- | 101.7 | 15.8            | 34 40 50.0   | 6.000   | 64.6            | 20.9                        | 91.5R         | -75.7M*  |
| Liberty   |      | SC            |     | 281.7 |                 | 82 45 22.0   | 100     | 343             | Georgia-carolina Wireless,  |               |          |
| 240A WESL   |      | CP            | ZCX | 96.5  | 23.5            | 34 41 07.0   | 6.000   | 64.6            | 20.9                        | 91.5R         | -68.0M*  |
| Pendleton   |      | SC            |     | 276.6 | BNPH20070430CDB | 82 40 12.0   | 100     | 352             | Georgia-carolina Wireless,  |               |          |
| 240L1 WPLS-LP   |      | LIC           | --- | 62.0  | 50.3            | 34 55 13.0   | 0.083   | 21.3            | 6.4                         | -2.6          | -42.8**  |
| Greenville  |      | SC            |     | 242.3 | BLL20040513ABH  | 82 26 17.0   | 33      | 338             | Furman University           |               |          |
| 242A WGOG%  |      | LIC           | _CN | 323.8 | 20.7            | 34 51 33.0   | 6.000   | 64.6            | 20.9                        | 24.5R         | -3.8M*** |
| Walhalla  |      | SC            |     | 143.7 | BLH19910910KKB  | 83 03 31.0   | 92      | 497             | Appalachian Broadcasting C  |               |          |
| 240A WCVF-FM^   |      | LIC           | _CN | 307.8 | 100.1           | 35 15 28.0   | 6.000   | 68.3            | 15.8                        | 4.6           | 0.8****  |
| Robbinsville  |      | NC            |     | 127.3 | BLH19980128KC   | 83 47 44.0   | 100     | 936             | Cherokee Broadcasting Comp  |               |          |
| 241C WBT«   |      | CP            | DCY | 65.2  | 177.0           | 35 21 44.0   | 100.000 | 64.6            | 20.9                        | 164.5R        | 12.5M    |
| Shelby  |      | NC            |     | 246.2 | BPH20060626AAX  | 81 09 19.0   | 533     | 768             | Clear Channel Broadcasting  |               |          |
| 241C WBT«   |      | LIC           | DCY | 65.2  | 177.0           | 35 21 44.0   | 100.000 | 64.6            | 20.9                        | 164.5R        | 12.5M    |
| Shelby  |      | NC            |     | 246.2 | BLH19870206KJ   | 81 09 19.0   | 530     | 766             | Clear Channel Broadcasting  |               |          |
| 241C0 WKLS«   |      | LIC           | _CY | 232.8 | 164.4           | 33 48 27.0   | 100.000 | 64.6            | 20.9                        | 151.5R        | 12.9M    |
| Atlanta   |      | GA            |     | 52.0  | BLH19880104KC   | 84 20 26.0   | 300     | 581             | Citicasters Licenses, Inc.  |               |          |
| 240C0 WQZY«   |      | LIC           | _CX | 171.3 | 227.8           | 32 40 42.0   | 100.000 | 64.6            | 20.9                        | 214.5R        | 13.3M    |
| Dublin  |      | GA            |     | 351.5 | BLH20040405ACI  | 82 33 26.0   | 312     | 404             | State Broadcasting Corpora  |               |          |
| 242A WRBN«  |      | CP            | ZCX | 296.2 | 50.0            | 34 54 24.0   | 0.370   | 64.6            | 20.9                        | 30.5R         | 19.5M    |
| Clayton   |      | GA            |     | 116.0 | BPH20080624ACE  | 83 24 56.0   | 395     | 1126            | Sutton Radiocasting Corpor  |               |          |
| 238L1 WMXP-LP«  |      | LIC           | --- | 77.9  | 51.6            | 34 48 19.0   | 0.086   | 0.7             | 6.1                         | 28.5R         | 23.1M    |
| Greenville  |      | SC            |     | 258.2 | BLL20070727ABW  | 82 22 22.0   | 32      | 310             | Malcolm X Grassroots Movem  |               |          |
| 240L1 WWPZ-LP«  |      | LIC           | --- | 114.2 | 116.7           | 34 16 27.0   | 0.047   | 19.0            | 5.8                         | 66.5R         | 50.2M    |
| Newberry  |      | SC            |     | 294.9 | BLL20040421ABA  | 81 46 05.0   | 43      | 189             | Newberry Minority Broadcas  |               |          |
| 237L1 WWOK-LP«  |      | LIC           | --- | 61.0  | 53.4            | 34 56 27.0   | 0.001   | 0.1             | 5.2                         | 28.5R         | 24.9M    |
| Greenville  |      | SC            |     | 241.3 | BLL20030521AAC  | 82 24 47.0   | 342     | 653             | Missi onary Broadcasters In |               |          |
| 238C1 WBTS«   |      | LIC           | _CX | 233.1 | 107.6           | 34 07 32.0   | 40.000  | 64.6            | 20.9                        | 74.5R         | 33.1M    |
| Doraville   |      | GA            |     | 52.6  | BLH20070926AKM  | 83 51 32.0   | 432     | 747             | Cox Radio, Inc.             |               |          |
| 237A NEW«   |      | CP            | _CX | 134.0 | 63.8            | 34 18 34.0   | 6.000   | 64.6            | 20.9                        | 30.5R         | 33.3M    |
| Due West  |      | SC            |     | 314.3 | BNPH20060324AFR | 82 25 30.0   | 100     | 295             | Wisdom, LLC                 |               |          |
| 237A AL8952«  |      | VAC           | --- | 341.4 | 65.2            | 35 15 56.0   | 6.000   | 64.6            | 20.9                        | 30.5R         | 34.7M    |
| Dillsboro   |      | NC            |     | 161.2 | RM9871          | 83 09 16.0   | 100     | 1074            | Sutton Radiocasting Corp.   |               |          |
| 238L1 WNGR-LP«  |      | LIC           | --- | 51.3  | 64.4            | 35 04 12.0   | 0.100   | 0.7             | 5.6                         | 28.5R         | 35.9M    |
| Tigerville  |      | SC            |     | 231.6 | BMLL20060821ACT | 82 22 20.0   | 1       | 344             | North Greenville College    |               |          |
| 239C0 WXRC«   |      | LIC           | DCN | 63.4  | 188.9           | 35 27 16.0   | 100.000 | 64.6            | 20.9                        | 151.5R        | 37.4M    |
| Hickory   |      | NC            |     | 244.5 | BLH19890616KE   | 81 03 46.0   | 311     | 554             | Pacific Broadcasting Group  |               |          |
| 240C2 WRZK«   |      | LIC           | ZCX | 8.5   | 203.9           | 36 31 36.0   | 7.400   | 64.6            | 20.9                        | 165.5R        | 38.5M    |
| Colonial Heights  |      | TN            |     | 188.7 | BLH20031125ALT  | 82 35 13.0   | 382     | 841             | Holston Valley Broadcastin  |               |          |

Terrain database is FCC NGDC 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 = 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.  
^ = Power and antenna height 'Max classed' as per Sec 73.215 protection requirements  
% = Station fails 73.215 minimum spacings

\* Station being modified.  
\*\* Short-space with LPFM station being reduced from current authorized CP.  
\*\*\* WGOG has CP to move to Channel 288 (BPH-20080624ABW)  
\*\*\*\* WCVF-FM at max class A 6 kW @ 100 meters HAAT.

## 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.

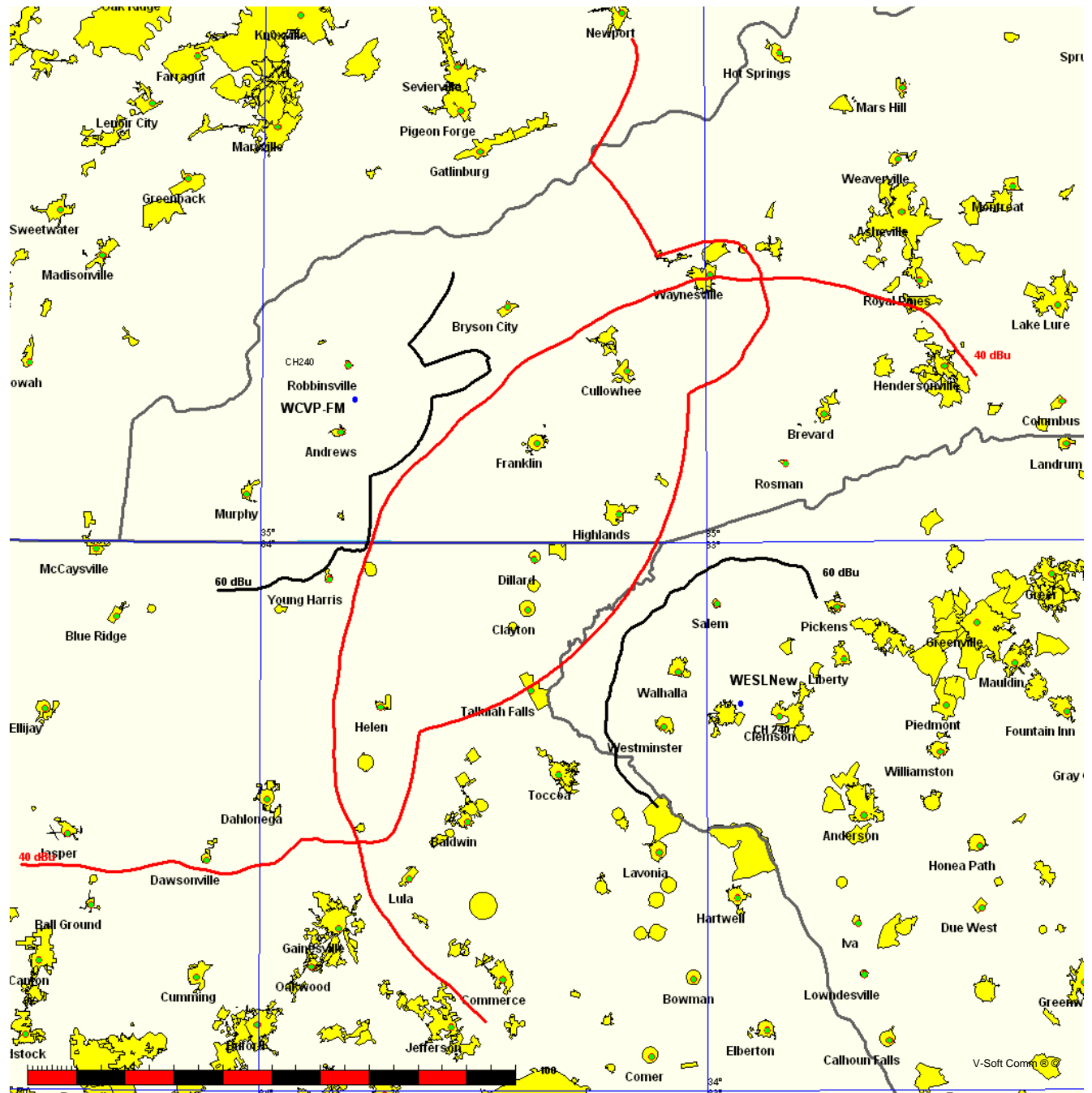
The first three letters of the "TYPE" column identify the current FCC status of the stations. The fourth letter will be a "D" if the facility is directional. "Z" indicates a 73.215 directional. An "N" indicates it is a 73.215 station that operates with an omni-directional antenna. The fifth letter will 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.

Georgia-carolina Wireless, Llc  
WESLNew v. WCVF-FM (Max Class)

FMCommander Single Allocation Study - 03-19-2009 - FCC NGDC 30 Sec  
WESLNew's Overlaps (In= 4.59 km, Out= 0.81 km)

WESLNew CH 240 A 73.215 N  
Lat= 34 42 33.3, Lng= 82 55 28.7  
4.5 kW 116.7 M HAAT, 367.9 M COR  
Prot.= 60 dBu, Intef.= 40 dBu

WCVF-FM^ CH 240 A BLH19980128KC  
Lat= 35 15 28.0, Lng= 83 47 44.0  
Max CIs: 6.0 kW 100 M HAAT, 936 M COR  
Prot.= 60 dBu, Intef.= 40 dBu



03-19-2009

FCC NGDC 30 Sec Terrain Data

FMOver Analysis

WESLNew

Channel = 240A

Max ERP = 4.5 kW

RCAMSL = 367.9 M

N. Lat. 34 42 33.3

W. Lng. 82 55 28.7

Protected

60 dBu

WCVF-FM BLH19980128KC

Channel = 240A

Max ERP = 6 kW

RCAMSL = 936 M

N. Lat. 35 15 28.0

W. Lng. 83 47 44.0

Interfering

40 dBu

| 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) | IX<br>(km) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|------------|
| 248.0                | 004.5000    | 0109.5      | 027.7        | 142.8                | 006.0000    | -0033.8     | 089.4        | 35.93           |            |
| 249.0                | 004.5000    | 0108.2      | 027.5        | 142.6                | 006.0000    | -0033.9     | 088.9        | 36.02           |            |
| 250.0                | 004.5000    | 0107.4      | 027.4        | 142.5                | 006.0000    | -0034.0     | 088.5        | 36.10           |            |
| 251.0                | 004.5000    | 0107.3      | 027.4        | 142.4                | 006.0000    | -0034.3     | 088.1        | 36.20           |            |
| 252.0                | 004.5000    | 0108.0      | 027.5        | 142.3                | 006.0000    | -0034.4     | 087.6        | 36.30           |            |
| 253.0                | 004.5000    | 0109.2      | 027.6        | 142.3                | 006.0000    | -0034.5     | 087.1        | 36.40           |            |
| 254.0                | 004.5000    | 0110.8      | 027.8        | 142.3                | 006.0000    | -0034.5     | 086.6        | 36.51           |            |
| 255.0                | 004.5000    | 0112.7      | 028.0        | 142.3                | 006.0000    | -0034.4     | 086.0        | 36.62           |            |
| 256.0                | 004.5000    | 0114.2      | 028.2        | 142.3                | 006.0000    | -0034.5     | 085.5        | 36.72           |            |
| 257.0                | 004.5000    | 0115.1      | 028.3        | 142.2                | 006.0000    | -0034.7     | 085.0        | 36.82           |            |
| 258.0                | 004.5000    | 0115.3      | 028.3        | 142.1                | 006.0000    | -0035.1     | 084.6        | 36.92           |            |
| 259.0                | 004.5000    | 0114.6      | 028.2        | 141.9                | 006.0000    | -0035.6     | 084.2        | 37.00           |            |
| 260.0                | 004.5000    | 0113.7      | 028.1        | 141.7                | 006.0000    | -0036.3     | 083.8        | 37.08           |            |
| 261.0                | 004.5000    | 0113.0      | 028.0        | 141.5                | 006.0000    | -0037.2     | 083.4        | 37.16           |            |
| 262.0                | 004.5000    | 0112.2      | 028.0        | 141.3                | 006.0000    | -0038.2     | 083.0        | 37.24           |            |
| 263.0                | 004.5000    | 0111.3      | 027.9        | 141.0                | 006.0000    | -0039.2     | 082.6        | 37.32           |            |
| 264.0                | 004.5000    | 0110.2      | 027.7        | 140.8                | 006.0000    | -0040.3     | 082.3        | 37.39           |            |
| 265.0                | 004.5000    | 0109.3      | 027.6        | 140.5                | 006.0000    | -0041.7     | 081.9        | 37.46           |            |
| 266.0                | 004.5000    | 0108.7      | 027.6        | 140.3                | 006.0000    | -0042.5     | 081.6        | 37.53           |            |
| 267.0                | 004.5000    | 0108.7      | 027.6        | 140.1                | 006.0000    | -0043.2     | 081.2        | 37.61           |            |
| 268.0                | 004.5000    | 0108.8      | 027.6        | 139.9                | 006.0000    | -0043.9     | 080.8        | 37.69           |            |
| 269.0                | 004.5000    | 0108.7      | 027.6        | 139.7                | 006.0000    | -0044.7     | 080.4        | 37.76           |            |
| 270.0                | 004.5000    | 0107.9      | 027.5        | 139.4                | 006.0000    | -0045.5     | 080.1        | 37.82           |            |
| 271.0                | 004.5000    | 0106.6      | 027.3        | 139.1                | 006.0000    | -0046.5     | 079.8        | 37.88           |            |
| 272.0                | 004.5000    | 0105.3      | 027.2        | 138.8                | 006.0000    | -0047.2     | 079.6        | 37.92           |            |
| 273.0                | 004.5000    | 0104.0      | 027.0        | 138.5                | 006.0000    | -0047.9     | 079.3        | 37.97           |            |
| 274.0                | 004.5000    | 0103.2      | 026.9        | 138.2                | 006.0000    | -0048.5     | 079.1        | 38.02           |            |
| 275.0                | 004.5000    | 0103.0      | 026.9        | 137.9                | 006.0000    | -0048.9     | 078.8        | 38.08           |            |
| 276.0                | 004.5000    | 0103.0      | 026.9        | 137.7                | 006.0000    | -0049.2     | 078.4        | 38.15           |            |
| 277.0                | 004.5000    | 0102.9      | 026.9        | 137.4                | 006.0000    | -0049.5     | 078.1        | 38.20           |            |
| 278.0                | 004.5000    | 0102.2      | 026.8        | 137.1                | 006.0000    | -0049.7     | 077.9        | 38.25           |            |
| 279.0                | 004.5000    | 0101.1      | 026.7        | 136.8                | 006.0000    | -0049.7     | 077.7        | 38.29           |            |
| 280.0                | 004.5000    | 0100.0      | 026.5        | 136.5                | 006.0000    | -0049.9     | 077.5        | 38.32           |            |
| 281.0                | 004.5000    | 0099.2      | 026.4        | 136.1                | 006.0000    | -0049.9     | 077.4        | 38.35           |            |
| 282.0                | 004.5000    | 0098.8      | 026.4        | 135.8                | 006.0000    | -0049.9     | 077.1        | 38.40           |            |
| 283.0                | 004.5000    | 0098.9      | 026.4        | 135.6                | 006.0000    | -0049.9     | 076.9        | 38.45           |            |
| 284.0                | 004.5000    | 0098.9      | 026.4        | 135.3                | 006.0000    | -0049.9     | 076.6        | 38.49           |            |

| 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) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 285.0                | 004.5000    | 0099.4      | 026.5        | 135.0                | 006.0000    | -0049.9     | 076.3        | 38.55           |
| 286.0                | 004.5000    | 0099.9      | 026.5        | 134.7                | 006.0000    | -0049.9     | 076.0        | 38.60           |
| 287.0                | 004.5000    | 0100.3      | 026.6        | 134.4                | 006.0000    | -0049.8     | 075.8        | 38.65           |
| 288.0                | 004.5000    | 0100.5      | 026.6        | 134.1                | 006.0000    | -0049.5     | 075.5        | 38.69           |
| 289.0                | 004.5000    | 0100.3      | 026.6        | 133.8                | 006.0000    | -0049.2     | 075.4        | 38.73           |
| 290.0                | 004.5000    | 0100.2      | 026.6        | 133.5                | 006.0000    | -0048.8     | 075.2        | 38.76           |
| 291.0                | 004.5000    | 0100.3      | 026.6        | 133.1                | 006.0000    | -0048.0     | 075.0        | 38.80           |
| 292.0                | 004.5000    | 0100.6      | 026.6        | 132.8                | 006.0000    | -0047.0     | 074.8        | 38.83           |
| 293.0                | 004.5000    | 0101.2      | 026.7        | 132.5                | 006.0000    | -0045.8     | 074.5        | 38.88           |
| 294.0                | 004.5000    | 0101.8      | 026.8        | 132.2                | 006.0000    | -0044.3     | 074.3        | 38.92           |
| 295.0                | 004.5000    | 0103.0      | 026.9        | 131.9                | 006.0000    | -0042.6     | 074.0        | 38.97           |
| 296.0                | 004.5000    | 0104.7      | 027.1        | 131.6                | 006.0000    | -0040.6     | 073.7        | 39.03           |
| 297.0                | 004.5000    | 0106.0      | 027.3        | 131.3                | 006.0000    | -0038.5     | 073.4        | 39.08           |
| 298.0                | 004.5000    | 0106.9      | 027.4        | 130.9                | 006.0000    | -0036.4     | 073.2        | 39.12           |
| 299.0                | 004.5000    | 0107.2      | 027.4        | 130.6                | 006.0000    | -0033.9     | 073.1        | 39.14           |
| 300.0                | 004.5000    | 0107.1      | 027.4        | 130.2                | 006.0000    | -0031.6     | 073.0        | 39.16           |
| 301.0                | 004.5000    | 0106.9      | 027.4        | 129.8                | 006.0000    | -0029.8     | 072.9        | 39.17           |
| 302.0                | 004.5000    | 0106.5      | 027.3        | 129.4                | 006.0000    | -0027.9     | 072.9        | 39.17           |
| 303.0                | 004.5000    | 0105.6      | 027.2        | 129.1                | 006.0000    | -0026.1     | 073.0        | 39.17           |
| 304.0                | 004.5000    | 0104.3      | 027.1        | 128.7                | 006.0000    | -0024.8     | 073.1        | 39.15           |
| 305.0                | 004.5000    | 0102.6      | 026.9        | 128.3                | 006.0000    | -0024.4     | 073.2        | 39.12           |
| 306.0                | 004.5000    | 0100.8      | 026.6        | 127.9                | 006.0000    | -0024.1     | 073.4        | 39.08           |
| 307.0                | 004.5000    | 0098.6      | 026.4        | 127.6                | 006.0000    | -0023.8     | 073.7        | 39.03           |
| 308.0                | 004.5000    | 0096.5      | 026.1        | 127.2                | 006.0000    | -0023.9     | 073.9        | 38.99           |
| 309.0                | 004.5000    | 0094.9      | 025.9        | 126.8                | 006.0000    | -0024.2     | 074.2        | 38.95           |
| 310.0                | 004.5000    | 0094.0      | 025.8        | 126.5                | 006.0000    | -0024.6     | 074.3        | 38.92           |
| 311.0                | 004.5000    | 0093.6      | 025.7        | 126.2                | 006.0000    | -0025.0     | 074.4        | 38.91           |
| 312.0                | 004.5000    | 0093.5      | 025.7        | 125.8                | 006.0000    | -0025.6     | 074.4        | 38.90           |
| 313.0                | 004.5000    | 0093.6      | 025.7        | 125.5                | 006.0000    | -0026.0     | 074.5        | 38.89           |
| 314.0                | 004.5000    | 0094.1      | 025.8        | 125.1                | 006.0000    | -0026.4     | 074.4        | 38.89           |
| 315.0                | 004.5000    | 0094.4      | 025.8        | 124.8                | 006.0000    | -0027.2     | 074.5        | 38.89           |
| 316.0                | 004.5000    | 0093.8      | 025.7        | 124.4                | 006.0000    | -0027.9     | 074.6        | 38.86           |
| 317.0                | 004.5000    | 0092.6      | 025.6        | 124.1                | 006.0000    | -0028.8     | 074.9        | 38.81           |
| 318.0                | 004.5000    | 0091.3      | 025.4        | 123.8                | 006.0000    | -0029.6     | 075.2        | 38.76           |
| 319.0                | 004.5000    | 0090.4      | 025.3        | 123.5                | 006.0000    | -0030.5     | 075.4        | 38.72           |
| 320.0                | 004.5000    | 0090.1      | 025.3        | 123.2                | 006.0000    | -0031.5     | 075.5        | 38.69           |
| 321.0                | 004.5000    | 0090.5      | 025.3        | 122.9                | 006.0000    | -0032.7     | 075.6        | 38.68           |
| 322.0                | 004.5000    | 0091.6      | 025.5        | 122.5                | 006.0000    | -0033.9     | 075.6        | 38.68           |
| 323.0                | 004.5000    | 0093.3      | 025.7        | 122.2                | 006.0000    | -0035.6     | 075.6        | 38.69           |
| 324.0                | 004.5000    | 0095.6      | 026.0        | 121.8                | 006.0000    | -0037.4     | 075.4        | 38.71           |
| 325.0                | 004.5000    | 0097.5      | 026.2        | 121.4                | 006.0000    | -0039.5     | 075.4        | 38.72           |
| 326.0                | 004.5000    | 0098.9      | 026.4        | 121.0                | 006.0000    | -0041.3     | 075.4        | 38.72           |
| 327.0                | 004.5000    | 0099.6      | 026.5        | 120.6                | 006.0000    | -0043.0     | 075.5        | 38.69           |
| 328.0                | 004.5000    | 0099.7      | 026.5        | 120.3                | 006.0000    | -0044.5     | 075.7        | 38.66           |
| 329.0                | 004.5000    | 0099.2      | 026.4        | 120.0                | 006.0000    | -0046.0     | 076.0        | 38.61           |
| 330.0                | 004.5000    | 0098.5      | 026.3        | 119.8                | 006.0000    | -0047.5     | 076.3        | 38.55           |
| 331.0                | 004.5000    | 0097.7      | 026.2        | 119.5                | 006.0000    | -0048.5     | 076.6        | 38.49           |
| 332.0                | 004.5000    | 0096.9      | 026.1        | 119.3                | 006.0000    | -0049.5     | 076.9        | 38.43           |
| 333.0                | 004.5000    | 0096.4      | 026.1        | 119.0                | 006.0000    | -0050.5     | 077.3        | 38.37           |
| 334.0                | 004.5000    | 0096.4      | 026.1        | 118.7                | 006.0000    | -0051.6     | 077.5        | 38.33           |
| 335.0                | 004.5000    | 0097.6      | 026.2        | 118.4                | 006.0000    | -0052.8     | 077.6        | 38.30           |

| 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) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 336.0                | 004.5000    | 0099.4      | 026.4        | 118.0                | 006.0000    | -0053.9     | 077.7        | 38.28           |
| 337.0                | 004.5000    | 0100.9      | 026.6        | 117.7                | 006.0000    | -0055.1     | 077.9        | 38.26           |
| 338.0                | 004.5000    | 0102.3      | 026.8        | 117.3                | 006.0000    | -0056.7     | 078.0        | 38.22           |
| 339.0                | 004.5000    | 0103.6      | 027.0        | 117.0                | 006.0000    | -0058.2     | 078.2        | 38.19           |
| 340.0                | 004.5000    | 0105.3      | 027.2        | 116.6                | 006.0000    | -0059.8     | 078.4        | 38.15           |
| 341.0                | 004.5000    | 0106.7      | 027.3        | 116.3                | 006.0000    | -0060.7     | 078.6        | 38.12           |
| 342.0                | 004.5000    | 0107.9      | 027.5        | 116.0                | 006.0000    | -0061.1     | 078.8        | 38.07           |
| 343.0                | 004.5000    | 0108.7      | 027.6        | 115.7                | 006.0000    | -0060.9     | 079.1        | 38.01           |
| 344.0                | 004.5000    | 0109.5      | 027.7        | 115.4                | 006.0000    | -0060.4     | 079.4        | 37.96           |
| 345.0                | 004.5000    | 0109.8      | 027.7        | 115.1                | 006.0000    | -0059.7     | 079.8        | 37.89           |
| 346.0                | 004.5000    | 0110.8      | 027.8        | 114.9                | 006.0000    | -0058.5     | 080.1        | 37.83           |
| 347.0                | 004.5000    | 0112.5      | 028.0        | 114.5                | 006.0000    | -0056.8     | 080.3        | 37.78           |
| 348.0                | 004.5000    | 0114.2      | 028.2        | 114.2                | 006.0000    | -0055.0     | 080.6        | 37.72           |
| 349.0                | 004.5000    | 0115.4      | 028.3        | 113.9                | 006.0000    | -0053.3     | 080.9        | 37.66           |
| 350.0                | 004.5000    | 0116.0      | 028.4        | 113.7                | 006.0000    | -0051.9     | 081.3        | 37.58           |
| 351.0                | 004.5000    | 0117.5      | 028.5        | 113.4                | 006.0000    | -0050.2     | 081.6        | 37.52           |
| 352.0                | 004.5000    | 0120.1      | 028.8        | 113.1                | 006.0000    | -0049.1     | 081.9        | 37.46           |
| 353.0                | 004.5000    | 0122.8      | 029.0        | 112.7                | 006.0000    | -0048.4     | 082.2        | 37.40           |
| 354.0                | 004.5000    | 0124.0      | 029.1        | 112.5                | 006.0000    | -0048.2     | 082.6        | 37.32           |
| 355.0                | 004.5000    | 0124.0      | 029.1        | 112.3                | 006.0000    | -0048.2     | 083.0        | 37.23           |
| 356.0                | 004.5000    | 0124.4      | 029.2        | 112.2                | 006.0000    | -0048.6     | 083.5        | 37.14           |
| 357.0                | 004.5000    | 0124.8      | 029.2        | 112.0                | 006.0000    | -0049.0     | 083.9        | 37.05           |
| 358.0                | 004.5000    | 0123.4      | 029.1        | 111.9                | 006.0000    | -0049.2     | 084.4        | 36.95           |
| 359.0                | 004.5000    | 0121.9      | 028.9        | 111.9                | 006.0000    | -0049.3     | 085.0        | 36.84           |
| 000.0                | 004.5000    | 0120.3      | 028.8        | 111.8                | 006.0000    | -0049.4     | 085.5        | 36.73           |
| 001.0                | 004.5000    | 0120.8      | 028.8        | 111.7                | 006.0000    | -0050.1     | 085.9        | 36.64           |
| 002.0                | 004.5000    | 0121.4      | 028.9        | 111.5                | 006.0000    | -0051.0     | 086.4        | 36.55           |
| 003.0                | 004.5000    | 0121.7      | 028.9        | 111.4                | 006.0000    | -0051.7     | 086.8        | 36.45           |
| 004.0                | 004.5000    | 0122.8      | 029.0        | 111.2                | 006.0000    | -0053.0     | 087.3        | 36.36           |
| 005.0                | 004.5000    | 0124.5      | 029.2        | 111.0                | 006.0000    | -0054.7     | 087.7        | 36.27           |
| 006.0                | 004.5000    | 0125.6      | 029.3        | 110.9                | 006.0000    | -0056.3     | 088.2        | 36.17           |
| 007.0                | 004.5000    | 0127.0      | 029.4        | 110.7                | 006.0000    | -0058.1     | 088.6        | 36.08           |
| 008.0                | 004.5000    | 0128.1      | 029.5        | 110.5                | 006.0000    | -0059.6     | 089.1        | 35.98           |

## 03-19-2009 FCC NGDC 30 Sec Terrain Data

WCVP-FM BLH19980128KC

Channel = 240A

Max ERP = 6 kW

RCAMSL = 936 M

N. Lat. 35 15 28.0

W. Lng. 83 47 44.0

Protected

60 dBu

WESLNew

Channel = 240A

Max ERP = 4.5 kW

RCAMSL = 367.9 M

N. Lat. 34 42 33.3

W. Lng. 82 55 28.7

Interfering

40 dBu

| 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) | IX<br>(km) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|------------|
| 067.0                | 006.0000    | 0075.5      | 024.8        | 321.5                | 004.5000    | 0091.0      | 090.5        | 37.30           |            |
| 068.0                | 006.0000    | 0087.9      | 026.6        | 322.6                | 004.5000    | 0092.5      | 089.6        | 37.61           |            |
| 069.0                | 006.0000    | 0092.8      | 027.3        | 322.9                | 004.5000    | 0093.1      | 088.9        | 37.81           |            |
| 070.0                | 006.0000    | 0096.9      | 027.9        | 323.2                | 004.5000    | 0093.7      | 088.3        | 38.01           |            |
| 071.0                | 006.0000    | 0097.1      | 027.9        | 323.1                | 004.5000    | 0093.5      | 087.9        | 38.12           |            |
| 072.0                | 006.0000    | 0100.7      | 028.4        | 323.3                | 004.5000    | 0094.0      | 087.2        | 38.31           |            |
| 073.0                | 006.0000    | 0102.7      | 028.6        | 323.3                | 004.5000    | 0094.1      | 086.7        | 38.47           |            |
| 074.0                | 006.0000    | 0099.4      | 028.2        | 322.9                | 004.5000    | 0093.2      | 086.4        | 38.51           |            |
| 075.0                | 006.0000    | 0100.0      | 028.3        | 322.9                | 004.5000    | 0093.1      | 085.9        | 38.64           |            |
| 076.0                | 006.0000    | 0100.4      | 028.3        | 322.8                | 004.5000    | 0092.9      | 085.4        | 38.76           |            |
| 077.0                | 006.0000    | 0099.8      | 028.3        | 322.6                | 004.5000    | 0092.5      | 085.0        | 38.86           |            |
| 078.0                | 006.0000    | 0099.4      | 028.2        | 322.4                | 004.5000    | 0092.2      | 084.6        | 38.96           |            |
| 079.0                | 006.0000    | 0095.4      | 027.7        | 321.9                | 004.5000    | 0091.5      | 084.4        | 38.98           |            |
| 080.0                | 006.0000    | 0087.3      | 026.5        | 321.1                | 004.5000    | 0090.5      | 084.5        | 38.90           |            |
| 081.0                | 006.0000    | 0079.6      | 025.4        | 320.3                | 004.5000    | 0090.2      | 084.7        | 38.83           |            |
| 082.0                | 006.0000    | 0072.3      | 024.3        | 319.5                | 004.5000    | 0090.1      | 084.9        | 38.78           |            |
| 083.0                | 006.0000    | 0066.9      | 023.5        | 318.9                | 004.5000    | 0090.5      | 085.0        | 38.77           |            |
| 084.0                | 006.0000    | 0062.8      | 022.9        | 318.4                | 004.5000    | 0090.8      | 085.0        | 38.78           |            |
| 085.0                | 006.0000    | 0058.2      | 022.2        | 317.9                | 004.5000    | 0091.5      | 085.1        | 38.78           |            |
| 086.0                | 006.0000    | 0050.5      | 020.7        | 316.9                | 004.5000    | 0092.7      | 085.7        | 38.67           |            |
| 087.0                | 006.0000    | 0042.6      | 018.9        | 315.9                | 004.5000    | 0093.9      | 086.6        | 38.48           |            |
| 088.0                | 006.0000    | 0034.3      | 016.8        | 314.7                | 004.5000    | 0094.4      | 087.8        | 38.19           |            |
| 089.0                | 006.0000    | 0025.9      | 015.8        | 314.1                | 004.5000    | 0094.2      | 088.3        | 38.03           |            |
| 090.0                | 006.0000    | 0020.4      | 015.8        | 314.0                | 004.5000    | 0094.1      | 088.1        | 38.08           |            |
| 091.0                | 006.0000    | 0016.8      | 015.8        | 313.9                | 004.5000    | 0094.1      | 087.9        | 38.13           |            |
| 092.0                | 006.0000    | 0013.2      | 015.8        | 313.7                | 004.5000    | 0094.0      | 087.8        | 38.17           |            |
| 093.0                | 006.0000    | 0009.6      | 015.8        | 313.6                | 004.5000    | 0093.9      | 087.6        | 38.22           |            |
| 094.0                | 006.0000    | 0001.8      | 015.8        | 313.4                | 004.5000    | 0093.8      | 087.4        | 38.26           |            |
| 095.0                | 006.0000    | -0012.8     | 015.8        | 313.3                | 004.5000    | 0093.8      | 087.2        | 38.31           |            |
| 096.0                | 006.0000    | -0026.6     | 015.8        | 313.2                | 004.5000    | 0093.7      | 087.1        | 38.35           |            |
| 097.0                | 006.0000    | -0040.2     | 015.8        | 313.0                | 004.5000    | 0093.7      | 086.9        | 38.39           |            |
| 098.0                | 006.0000    | -0049.3     | 015.8        | 312.9                | 004.5000    | 0093.6      | 086.7        | 38.43           |            |
| 099.0                | 006.0000    | -0050.7     | 015.8        | 312.7                | 004.5000    | 0093.5      | 086.6        | 38.47           |            |
| 100.0                | 006.0000    | -0051.1     | 015.8        | 312.6                | 004.5000    | 0093.5      | 086.4        | 38.51           |            |

| 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) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 101.0                | 006.0000    | -0055.7     | 015.8        | 312.4                | 004.5000    | 0093.5      | 086.3        | 38.55           |
| 102.0                | 006.0000    | -0062.0     | 015.8        | 312.2                | 004.5000    | 0093.5      | 086.2        | 38.59           |
| 103.0                | 006.0000    | -0068.2     | 015.8        | 312.1                | 004.5000    | 0093.5      | 086.0        | 38.62           |
| 104.0                | 006.0000    | -0073.6     | 015.8        | 311.9                | 004.5000    | 0093.5      | 085.9        | 38.66           |
| 105.0                | 006.0000    | -0078.8     | 015.8        | 311.8                | 004.5000    | 0093.5      | 085.8        | 38.69           |
| 106.0                | 006.0000    | -0083.8     | 015.8        | 311.6                | 004.5000    | 0093.5      | 085.6        | 38.73           |
| 107.0                | 006.0000    | -0087.6     | 015.8        | 311.4                | 004.5000    | 0093.5      | 085.5        | 38.76           |
| 108.0                | 006.0000    | -0086.7     | 015.8        | 311.3                | 004.5000    | 0093.6      | 085.4        | 38.79           |
| 109.0                | 006.0000    | -0077.7     | 015.8        | 311.1                | 004.5000    | 0093.6      | 085.3        | 38.82           |
| 110.0                | 006.0000    | -0066.0     | 015.8        | 310.9                | 004.5000    | 0093.7      | 085.2        | 38.85           |
| 111.0                | 006.0000    | -0054.9     | 015.8        | 310.7                | 004.5000    | 0093.7      | 085.1        | 38.88           |
| 112.0                | 006.0000    | -0049.0     | 015.8        | 310.6                | 004.5000    | 0093.7      | 085.0        | 38.90           |
| 113.0                | 006.0000    | -0048.8     | 015.8        | 310.4                | 004.5000    | 0093.8      | 084.9        | 38.93           |
| 114.0                | 006.0000    | -0053.6     | 015.8        | 310.2                | 004.5000    | 0093.9      | 084.9        | 38.96           |
| 115.0                | 006.0000    | -0059.1     | 015.8        | 310.0                | 004.5000    | 0094.0      | 084.8        | 38.98           |
| 116.0                | 006.0000    | -0061.2     | 015.8        | 309.9                | 004.5000    | 0094.1      | 084.7        | 39.00           |
| 117.0                | 006.0000    | -0058.1     | 015.8        | 309.7                | 004.5000    | 0094.2      | 084.7        | 39.03           |
| 118.0                | 006.0000    | -0054.0     | 015.8        | 309.5                | 004.5000    | 0094.3      | 084.6        | 39.05           |
| 119.0                | 006.0000    | -0050.5     | 015.8        | 309.3                | 004.5000    | 0094.5      | 084.6        | 39.07           |
| 120.0                | 006.0000    | -0046.2     | 015.8        | 309.1                | 004.5000    | 0094.7      | 084.5        | 39.09           |
| 121.0                | 006.0000    | -0041.3     | 015.8        | 308.9                | 004.5000    | 0095.0      | 084.5        | 39.12           |
| 122.0                | 006.0000    | -0036.3     | 015.8        | 308.8                | 004.5000    | 0095.2      | 084.4        | 39.14           |
| 123.0                | 006.0000    | -0032.2     | 015.8        | 308.6                | 004.5000    | 0095.5      | 084.4        | 39.16           |
| 124.0                | 006.0000    | -0029.2     | 015.8        | 308.4                | 004.5000    | 0095.8      | 084.4        | 39.18           |
| 125.0                | 006.0000    | -0026.7     | 015.8        | 308.2                | 004.5000    | 0096.1      | 084.4        | 39.20           |
| 126.0                | 006.0000    | -0025.3     | 015.8        | 308.0                | 004.5000    | 0096.5      | 084.4        | 39.22           |
| 127.0                | 006.0000    | -0024.0     | 015.8        | 307.8                | 004.5000    | 0096.8      | 084.4        | 39.24           |
| 128.0                | 006.0000    | -0024.2     | 015.8        | 307.6                | 004.5000    | 0097.2      | 084.4        | 39.26           |
| 129.0                | 006.0000    | -0025.8     | 015.8        | 307.4                | 004.5000    | 0097.6      | 084.4        | 39.27           |
| 130.0                | 006.0000    | -0030.7     | 015.8        | 307.3                | 004.5000    | 0098.0      | 084.4        | 39.29           |
| 131.0                | 006.0000    | -0036.9     | 015.8        | 307.1                | 004.5000    | 0098.4      | 084.4        | 39.31           |
| 132.0                | 006.0000    | -0043.2     | 015.8        | 306.9                | 004.5000    | 0098.9      | 084.4        | 39.32           |
| 133.0                | 006.0000    | -0047.6     | 015.8        | 306.7                | 004.5000    | 0099.3      | 084.4        | 39.33           |
| 134.0                | 006.0000    | -0049.4     | 015.8        | 306.5                | 004.5000    | 0099.7      | 084.5        | 39.34           |
| 135.0                | 006.0000    | -0049.9     | 015.8        | 306.3                | 004.5000    | 0100.1      | 084.5        | 39.35           |
| 136.0                | 006.0000    | -0049.9     | 015.8        | 306.2                | 004.5000    | 0100.4      | 084.6        | 39.35           |
| 137.0                | 006.0000    | -0049.7     | 015.8        | 306.0                | 004.5000    | 0100.8      | 084.6        | 39.36           |
| 138.0                | 006.0000    | -0048.9     | 015.8        | 305.8                | 004.5000    | 0101.2      | 084.7        | 39.36           |
| 139.0                | 006.0000    | -0046.8     | 015.8        | 305.6                | 004.5000    | 0101.5      | 084.7        | 39.36           |
| 140.0                | 006.0000    | -0043.6     | 015.8        | 305.4                | 004.5000    | 0101.8      | 084.8        | 39.35           |
| 141.0                | 006.0000    | -0039.4     | 015.8        | 305.2                | 004.5000    | 0102.2      | 084.9        | 39.35           |
| 142.0                | 006.0000    | -0035.4     | 015.8        | 305.1                | 004.5000    | 0102.5      | 084.9        | 39.34           |
| 143.0                | 006.0000    | -0033.8     | 015.8        | 304.9                | 004.5000    | 0102.9      | 085.0        | 39.34           |
| 144.0                | 006.0000    | -0036.3     | 015.8        | 304.7                | 004.5000    | 0103.2      | 085.1        | 39.33           |
| 145.0                | 006.0000    | -0043.9     | 015.8        | 304.5                | 004.5000    | 0103.4      | 085.2        | 39.31           |
| 146.0                | 006.0000    | -0053.7     | 015.8        | 304.4                | 004.5000    | 0103.7      | 085.3        | 39.30           |
| 147.0                | 006.0000    | -0064.6     | 015.8        | 304.2                | 004.5000    | 0104.0      | 085.4        | 39.28           |
| 148.0                | 006.0000    | -0076.6     | 015.8        | 304.0                | 004.5000    | 0104.3      | 085.5        | 39.26           |
| 149.0                | 006.0000    | -0088.4     | 015.8        | 303.9                | 004.5000    | 0104.5      | 085.6        | 39.24           |
| 150.0                | 006.0000    | -0098.1     | 015.8        | 303.7                | 004.5000    | 0104.7      | 085.8        | 39.22           |
| 151.0                | 006.0000    | -0101.1     | 015.8        | 303.5                | 004.5000    | 0104.9      | 085.9        | 39.19           |



| 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) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 152.0                | 006.0000    | -0100.4     | 015.8        | 303.4                | 004.5000    | 0105.1      | 086.0        | 39.17           |
| 153.0                | 006.0000    | -0101.8     | 015.8        | 303.2                | 004.5000    | 0105.3      | 086.2        | 39.14           |
| 154.0                | 006.0000    | -0106.3     | 015.8        | 303.1                | 004.5000    | 0105.5      | 086.3        | 39.11           |
| 155.0                | 006.0000    | -0109.3     | 015.8        | 302.9                | 004.5000    | 0105.7      | 086.4        | 39.07           |
| 156.0                | 006.0000    | -0110.3     | 015.8        | 302.8                | 004.5000    | 0105.8      | 086.6        | 39.04           |
| 157.0                | 006.0000    | -0107.1     | 015.8        | 302.6                | 004.5000    | 0106.0      | 086.7        | 39.00           |
| 158.0                | 006.0000    | -0098.0     | 015.8        | 302.5                | 004.5000    | 0106.1      | 086.9        | 38.97           |
| 159.0                | 006.0000    | -0084.5     | 015.8        | 302.3                | 004.5000    | 0106.3      | 087.1        | 38.93           |
| 160.0                | 006.0000    | -0070.6     | 015.8        | 302.2                | 004.5000    | 0106.4      | 087.2        | 38.89           |
| 161.0                | 006.0000    | -0058.0     | 015.8        | 302.0                | 004.5000    | 0106.5      | 087.4        | 38.84           |
| 162.0                | 006.0000    | -0046.0     | 015.8        | 301.9                | 004.5000    | 0106.6      | 087.6        | 38.80           |
| 163.0                | 006.0000    | -0034.1     | 015.8        | 301.8                | 004.5000    | 0106.7      | 087.8        | 38.75           |
| 164.0                | 006.0000    | -0021.7     | 015.8        | 301.6                | 004.5000    | 0106.7      | 087.9        | 38.71           |
| 165.0                | 006.0000    | -0009.5     | 015.8        | 301.5                | 004.5000    | 0106.8      | 088.1        | 38.66           |
| 166.0                | 006.0000    | -0000.6     | 015.8        | 301.4                | 004.5000    | 0106.8      | 088.3        | 38.61           |
| 167.0                | 006.0000    | 0008.4      | 015.8        | 301.2                | 004.5000    | 0106.9      | 088.5        | 38.55           |
| 168.0                | 006.0000    | 0019.7      | 015.8        | 301.1                | 004.5000    | 0106.9      | 088.7        | 38.50           |
| 169.0                | 006.0000    | 0030.6      | 015.9        | 300.9                | 004.5000    | 0106.9      | 088.8        | 38.47           |
| 170.0                | 006.0000    | 0038.4      | 017.9        | 299.8                | 004.5000    | 0107.1      | 087.8        | 38.77           |
| 171.0                | 006.0000    | 0049.2      | 020.4        | 298.4                | 004.5000    | 0107.1      | 086.5        | 39.13           |
| 172.0                | 006.0000    | 0063.4      | 023.0        | 296.8                | 004.5000    | 0105.8      | 085.3        | 39.41           |
| 173.0                | 006.0000    | 0078.6      | 025.3        | 295.4                | 004.5000    | 0103.6      | 084.4        | 39.56           |
| 174.0                | 006.0000    | 0094.2      | 027.5        | 293.9                | 004.5000    | 0101.8      | 083.6        | 39.68           |
| 175.0                | 006.0000    | 0108.9      | 029.4        | 292.6                | 004.5000    | 0100.9      | 083.1        | 39.77           |
| 176.0                | 006.0000    | 0116.2      | 030.3        | 291.9                | 004.5000    | 0100.6      | 083.2        | 39.73           |
| 177.0                | 006.0000    | 0117.9      | 030.5        | 291.6                | 004.5000    | 0100.5      | 083.6        | 39.62           |
| 178.0                | 006.0000    | 0119.6      | 030.7        | 291.3                | 004.5000    | 0100.4      | 084.0        | 39.50           |
| 179.0                | 006.0000    | 0118.2      | 030.5        | 291.3                | 004.5000    | 0100.4      | 084.6        | 39.34           |
| 180.0                | 006.0000    | 0118.9      | 030.6        | 291.1                | 004.5000    | 0100.3      | 085.1        | 39.21           |
| 181.0                | 006.0000    | 0119.6      | 030.7        | 291.0                | 004.5000    | 0100.3      | 085.5        | 39.08           |
| 182.0                | 006.0000    | 0117.5      | 030.5        | 291.0                | 004.5000    | 0100.3      | 086.1        | 38.92           |
| 183.0                | 006.0000    | 0117.8      | 030.5        | 290.9                | 004.5000    | 0100.3      | 086.6        | 38.78           |
| 184.0                | 006.0000    | 0118.7      | 030.6        | 290.7                | 004.5000    | 0100.2      | 087.1        | 38.65           |
| 185.0                | 006.0000    | 0115.8      | 030.3        | 290.8                | 004.5000    | 0100.3      | 087.7        | 38.48           |
| 186.0                | 006.0000    | 0117.6      | 030.5        | 290.6                | 004.5000    | 0100.2      | 088.1        | 38.36           |
| 187.0                | 006.0000    | 0119.6      | 030.7        | 290.4                | 004.5000    | 0100.2      | 088.6        | 38.23           |