

12-02-2004 30 Sec. Terrain Data

WLOBFM

Channel = 242C1

Max ERP = 40 kW

RCAMSL = 610 M

N. Lat = 44 15 03

W. Lng = 70 25 16

WCME BLH19890629KA

Channel = 244B1

Max ERP = 25 kW

RCAMSL = 131 M

N. Lat = 44 01 31

W. Lng = 69 34 17

Protected  
60 dBu

Interfering  
100 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) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 095.0                | 027.2360    | 0468.9      | 070.8        | 007.7                | 025.0000    | 0086.1      | 019.1        | 72.7            |
| 096.0                | 026.0016    | 0467.6      | 070.2        | 005.8                | 025.0000    | 0085.5      | 017.8        | 73.7            |
| 097.0                | 024.7958    | 0467.4      | 069.7        | 003.8                | 025.0000    | 0083.7      | 016.6        | 74.5            |
| 098.0                | 023.6186    | 0467.9      | 069.2        | 001.6                | 025.0000    | 0081.3      | 015.4        | 75.3            |
| 099.0                | 022.4700    | 0468.8      | 068.7        | 359.1                | 025.0000    | 0081.2      | 014.3        | 76.3            |
| 100.0                | 021.3501    | 0469.9      | 068.2        | 356.1                | 025.0000    | 0084.6      | 013.3        | 78.0            |
| 101.0                | 021.3501    | 0471.3      | 068.3        | 355.1                | 025.0000    | 0085.3      | 012.1        | 79.8            |
| 102.0                | 021.3501    | 0473.1      | 068.4        | 354.0                | 025.0000    | 0086.0      | 010.9        | 81.7            |
| 103.0                | 021.3501    | 0474.6      | 068.5        | 352.3                | 025.0000    | 0087.2      | 009.7        | 83.8            |
| 104.0                | 021.3501    | 0476.1      | 068.6        | 350.1                | 025.0000    | 0090.2      | 008.6        | 86.2            |
| 105.0                | 021.3501    | 0477.7      | 068.7        | 347.0                | 025.0000    | 0093.1      | 007.5        | 88.9            |
| 106.0                | 021.3501    | 0479.1      | 068.8        | 342.6                | 025.0000    | 0095.2      | 006.4        | 92.0            |
| 107.0                | 021.3501    | 0479.8      | 068.9        | 335.9                | 025.0000    | 0090.1      | 005.4        | 94.4            |
| 108.0                | 021.3501    | 0480.2      | 068.9        | 326.0                | 025.0000    | 0085.0      | 004.5        | 96.7            |
| 109.0                | 021.3501    | 0479.9      | 068.9        | 311.7                | 025.0000    | 0086.1      | 004.0        | 99.1            |
| 110.0                | 021.3501    | 0479.4      | 068.9        | 294.0                | 025.0000    | 0082.2      | 003.7        | 99.8            |
| 111.0                | 021.3501    | 0479.3      | 068.9        | 275.8                | 025.0000    | 0088.1      | 003.9        | 99.8            |
| 112.0                | 021.3501    | 0479.6      | 068.9        | 260.2                | 025.0000    | 0092.9      | 004.3        | 98.3            |
| 113.0                | 021.3501    | 0479.9      | 068.9        | 248.4                | 025.0000    | 0106.4      | 005.1        | 97.0            |
| 114.0                | 021.3501    | 0480.2      | 068.9        | 240.1                | 025.0000    | 0115.6      | 006.0        | 94.9            |
| 115.0                | 021.3501    | 0480.1      | 068.9        | 234.4                | 025.0000    | 0117.8      | 007.0        | 92.2            |
| 116.0                | 021.3501    | 0479.4      | 068.9        | 230.6                | 025.0000    | 0115.4      | 008.1        | 89.4            |
| 117.0                | 021.3501    | 0478.3      | 068.8        | 228.0                | 025.0000    | 0112.4      | 009.2        | 87.0            |
| 118.0                | 021.3501    | 0476.6      | 068.7        | 226.4                | 025.0000    | 0108.5      | 010.4        | 84.5            |
| 119.0                | 021.3501    | 0474.3      | 068.5        | 225.3                | 025.0000    | 0105.9      | 011.6        | 82.4            |
| 120.0                | 021.3501    | 0471.7      | 068.3        | 224.7                | 025.0000    | 0105.9      | 012.8        | 80.6            |
| 121.0                | 022.4700    | 0469.6      | 068.7        | 221.8                | 025.0000    | 0102.8      | 013.9        | 78.9            |
| 122.0                | 023.6186    | 0468.4      | 069.2        | 219.2                | 025.0000    | 0107.6      | 015.0        | 78.0            |
| 123.0                | 024.7958    | 0468.2      | 069.7        | 216.9                | 025.0000    | 0110.7      | 016.2        | 77.4            |
| 124.0                | 026.0016    | 0468.6      | 070.3        | 214.8                | 025.0000    | 0111.9      | 017.4        | 76.5            |
| 125.0                | 027.2360    | 0468.9      | 070.8        | 213.1                | 025.0000    | 0110.1      | 018.6        | 75.4            |

### FM Over Calculation

At no point on the WLOB-FM 60 dBu (Protected) contour does WCME (FM) deliver more than 100 dBu (Interfering).

### ATTACHMENT #29B

#### WLOB-FM

Channel 242c1 – 96.3 MHz  
40 kW ERP (DA) – 430 m HAAT  
Rumford, Maine  
December 2004

**BROMO** BROADCAST  
COMMUNICATIONS TECHNICAL CONSULTANTS