

Bromo Communications, Inc.
09-12-2003 30 Sec. Terrain Data

WLOBFM
Channel = 242C1
Max ERP = 36 kW
RCAMSL = 623 M
N. Lat = 441506
W. Lng = 702524

Protected
60 dBu

WCME BLH19890629KA
Channel = 244B1
Max ERP = 25 kW
RCAMSL = 133 M
N. Lat = 44 01 31
W. Lng = 69 34 17

Interfering
100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
091.0	030.0117	0484.3	073.0	011.4	025.0000	0085.2	024.4	68.5
092.0	028.7645	0483.1	072.5	010.6	025.0000	0085.2	023.0	69.5
093.0	027.5437	0482.5	071.9	009.7	025.0000	0086.8	021.7	70.7
094.0	026.3495	0482.1	071.4	008.5	025.0000	0088.0	020.4	71.8
095.0	025.1817	0481.2	070.8	007.1	025.0000	0088.1	019.1	72.9
096.0	024.0403	0479.8	070.2	005.2	025.0000	0087.4	017.9	73.8
097.0	022.9255	0479.2	069.6	003.1	025.0000	0084.4	016.7	74.5
098.0	021.8371	0479.6	069.1	000.9	025.0000	0083.0	015.5	75.4
099.0	020.7752	0480.5	068.6	358.3	025.0000	0084.2	014.4	76.5
100.0	019.7397	0481.6	068.2	355.3	025.0000	0087.3	013.4	78.1
101.0	019.7397	0483.0	068.2	354.2	025.0000	0088.0	012.2	79.9
102.0	019.7397	0484.7	068.4	352.9	025.0000	0088.8	011.0	81.8
103.0	019.7397	0486.4	068.5	351.2	025.0000	0089.9	009.9	83.9
104.0	019.7397	0488.0	068.6	348.9	025.0000	0093.4	008.7	86.3
105.0	019.7397	0489.6	068.7	345.7	025.0000	0097.1	007.6	89.0
106.0	019.7397	0491.1	068.8	341.3	025.0000	0098.7	006.5	91.9
107.0	019.7397	0492.0	068.9	334.6	025.0000	0089.4	005.6	93.8
108.0	019.7397	0492.5	068.9	324.9	025.0000	0086.3	004.7	96.3
109.0	019.7397	0492.2	068.9	311.1	025.0000	0089.0	004.1	98.7
110.0	019.7397	0491.7	068.9	294.2	025.0000	0084.2	003.9	99.2
111.0	019.7397	0491.5	068.9	276.8	025.0000	0090.0	004.0	99.2
112.0	019.7397	0491.5	068.9	261.8	025.0000	0094.5	004.5	97.8
113.0	019.7397	0491.6	068.9	250.4	025.0000	0106.7	005.2	96.5
114.0	019.7397	0491.8	068.9	242.0	025.0000	0117.2	006.1	94.6
115.0	019.7397	0491.6	068.9	236.2	025.0000	0119.4	007.1	92.0
116.0	019.7397	0490.8	068.8	232.2	025.0000	0118.2	008.2	89.4
117.0	019.7397	0489.8	068.7	229.5	025.0000	0115.8	009.3	87.0
118.0	019.7397	0487.9	068.6	227.7	025.0000	0114.4	010.5	84.8
119.0	019.7397	0485.5	068.4	226.6	025.0000	0112.6	011.7	82.7
120.0	019.7397	0483.0	068.2	225.8	025.0000	0110.5	012.9	80.8
121.0	020.7752	0480.9	068.7	222.8	025.0000	0104.6	013.9	79.0

FM Over Calculation

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

Attachment 27 B
73.215 Clearance Study
WLOB – 242 C1 – 36 KW (DA)
Rumford, Maine
September 2003

BROMO BROADCAST
COMMUNICATIONS TECHNICAL CONSULTANTS