

06-26-2009 30 Sec. Terrain Data

WNCC-F  
Channel = 281A  
Max ERP = 0.2 kW  
RCAMSL = 1253 M  
N. Lat = 351556.0  
W. Lng = 831903.0

WHLC BLH19990302KF  
Channel = 283A  
Max ERP = 6 kW  
RCAMSL = 1077 M  
N. Lat = 35 03 40  
W. Lng = 83 11 05

Protected  
60 dBu

Interfering  
100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
145.0	000.2000	0202.1	017.6	346.4	006.0000	-0191.9	008.5	70.8
146.0	000.2000	0218.5	018.3	346.0	006.0000	-0191.9	007.8	72.3
147.0	000.2000	0231.5	018.8	345.0	006.0000	-0185.4	007.1	73.7
148.0	000.2000	0241.3	019.2	343.3	006.0000	-0151.4	006.7	74.9
149.0	000.2000	0250.2	019.6	341.1	006.0000	-0108.0	006.2	76.0
150.0	000.2000	0261.8	020.0	338.6	006.0000	-0067.0	005.7	77.4
151.0	000.2000	0272.1	020.4	335.5	006.0000	-0030.9	005.3	78.7
152.0	000.2000	0277.3	020.6	331.6	006.0000	-0019.3	005.1	79.4
153.0	000.2000	0282.2	020.8	327.4	006.0000	0030.3	005.0	80.0
154.0	000.2000	0292.0	021.1	322.6	006.0000	0059.3	004.7	87.1
155.0	000.2000	0307.3	021.6	316.1	006.0000	0133.4	004.3	95.1
156.0	000.2000	0325.3	022.2	307.8	006.0000	0178.3	003.9	98.6
157.0	000.2000	0342.4	022.8	298.2	006.0000	0078.3	003.6	93.6
158.0	000.2000	0351.2	023.1	290.7	006.0000	0010.2	003.7	84.9
159.0	000.2000	0352.4	023.1	286.4	006.0000	0012.8	004.0	83.6
160.0	000.2000	0352.2	023.1	283.3	006.0000	0028.4	004.3	82.2
161.0	000.2000	0358.6	023.3	278.5	006.0000	0102.0	004.6	92.0
162.0	000.2000	0368.0	023.6	273.3	006.0000	0126.2	004.8	92.8
163.0	000.2000	0381.8	024.0	267.3	006.0000	0057.4	005.1	85.3
164.0	000.2000	0402.2	024.5	260.3	006.0000	-0032.1	005.4	78.4
165.0	000.2000	0424.4	025.2	253.8	006.0000	-0042.7	005.8	77.2
166.0	000.2000	0445.6	025.8	248.4	006.0000	-0035.3	006.3	75.8
167.0	000.2000	0465.5	026.4	244.0	006.0000	-0016.9	006.9	74.3
168.0	000.2000	0482.7	026.9	240.8	006.0000	0005.4	007.5	72.9
169.0	000.2000	0493.4	027.2	239.4	006.0000	0027.3	008.0	71.7
170.0	000.2000	0498.6	027.4	239.5	006.0000	0027.3	008.5	70.7
171.0	000.2000	0501.0	027.5	240.1	006.0000	0015.8	009.0	69.8
172.0	000.2000	0500.0	027.5	241.3	006.0000	0005.4	009.4	69.0
173.0	000.2000	0497.1	027.4	242.9	006.0000	-0011.0	009.9	68.3
174.0	000.2000	0493.9	027.3	244.3	006.0000	-0016.9	010.3	67.6
175.0	000.2000	0498.5	027.4	244.5	006.0000	-0016.9	010.8	66.7

## FM Over Calculation

At no point on the protected WNCC-FM contour does WHLC place more than 100 dBu interfering.

**Amendment to**  
**BPH-20090415AGW**  
**WNCC-FM**  
**Franklin, NC**  
June 2009

**BROMO** BROADCAST  
COMMUNICATIONS TECHNICAL CONSULTANTS