

AP252 BNPFT20030317EPV
 Channel = 252D
 Max ERP = 0.01 kW
 RCAMSL = 1377 M
 N. Lat = 35 34 06
 W. Lng = 82 54 28

W251AO
 Channel = 251D
 Max ERP = 0.115 kW
 RCAMSL = 1346 M
 N. Lat = 35 34 04
 W. Lng = 82 23 02

Protected
 60 dBu

Interfering
 54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
030.0	000.0100	0448.9	012.1	284.5	000.0888	0644.9	042.7	53.0
031.0	000.0100	0451.5	012.2	284.5	000.0887	0645.6	042.5	53.1
032.0	000.0100	0455.0	012.2	284.4	000.0886	0645.6	042.3	53.2
033.0	000.0100	0459.5	012.2	284.4	000.0885	0645.6	042.1	53.3
034.0	000.0100	0463.9	012.3	284.3	000.0884	0645.6	041.9	53.4
035.0	000.0100	0467.3	012.3	284.3	000.0882	0645.6	041.7	53.4
036.0	000.0100	0469.8	012.3	284.2	000.0880	0645.6	041.5	53.5
037.0	000.0100	0471.4	012.3	284.1	000.0877	0645.6	041.2	53.6
038.0	000.0100	0471.0	012.3	284.0	000.0874	0645.6	041.1	53.7
039.0	000.0100	0468.5	012.3	283.8	000.0870	0645.6	040.9	53.7
040.0	000.0100	0464.1	012.3	283.6	000.0865	0645.6	040.7	53.8
041.0	000.0100	0458.3	012.2	283.4	000.0860	0645.2	040.5	53.8
042.0	000.0100	0450.8	012.2	283.2	000.0854	0645.2	040.4	53.8
043.0	000.0100	0440.3	012.0	282.9	000.0846	0645.2	040.2	53.9
044.0	000.0100	0423.8	011.9	282.5	000.0836	0645.2	040.2	53.8
045.0	000.0100	0399.6	011.6	282.0	000.0823	0643.5	040.2	53.8
046.0	000.0100	0369.2	011.2	281.4	000.0808	0640.9	040.2	53.6
047.0	000.0100	0336.2	010.7	280.7	000.0790	0640.9	040.3	53.5
048.0	000.0100	0305.4	010.2	280.0	000.0773	0638.3	040.5	53.3
049.0	000.0100	0280.2	009.8	279.4	000.0752	0635.4	040.6	53.0
050.0	000.0100	0262.1	009.5	278.9	000.0736	0635.4	040.7	52.9
051.0	000.0100	0249.1	009.2	278.4	000.0723	0633.2	040.7	52.8
052.0	000.0100	0241.7	009.1	278.1	000.0713	0633.2	040.7	52.7
053.0	000.0100	0241.7	009.1	278.0	000.0708	0633.2	040.6	52.8
054.0	000.0100	0249.3	009.2	278.0	000.0708	0633.2	040.4	52.8
055.0	000.0100	0263.4	009.5	278.1	000.0710	0633.2	040.1	53.0
056.0	000.0100	0280.4	009.8	278.2	000.0714	0633.2	039.7	53.2
057.0	000.0100	0296.4	010.1	278.2	000.0716	0633.2	039.4	53.3
058.0	000.0100	0309.7	010.3	278.2	000.0716	0633.2	039.2	53.4
059.0	000.0100	0319.8	010.4	278.2	000.0715	0633.2	038.9	53.5
060.0	000.0100	0327.2	010.6	278.1	000.0711	0633.2	038.7	53.6
061.0	000.0100	0333.2	010.6	277.9	000.0707	0633.2	038.5	53.6
062.0	000.0100	0338.9	010.7	277.8	000.0702	0633.2	038.3	53.7
063.0	000.0100	0346.1	010.8	277.7	000.0698	0633.2	038.1	53.8
064.0	000.0100	0353.8	011.0	277.5	000.0694	0633.2	037.9	53.8
065.0	000.0100	0361.4	011.1	277.4	000.0689	0631.4	037.7	53.8

FM Over Calculation

At no point on the 60 dBu (Protected) contour of Application BNPFT-20030317EPV does W251AO deliver more than 54 dBu (Interfering).

Attachment #12B

\$73.1204 Clearance to Application

BNPFT-20030317EPV

FM Translator W251AO

Channel 251D – 98.1 mHz

0.115 kW ERP (DA) – 1346 m COR AMSL

Black Mountain, North Carolina

August 2006

BROMO BROADCAST
 TECHNICAL CONSULTANTS
COMMUNICATIONS

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
066.0	000.0100	0369.0	011.2	277.2	000.0684	0631.4	037.5	53.9
067.0	000.0100	0375.1	011.3	277.0	000.0678	0631.4	037.4	53.9
068.0	000.0100	0378.7	011.3	276.8	000.0670	0631.4	037.2	53.9
069.0	000.0100	0379.7	011.3	276.5	000.0662	0631.4	037.1	53.9
070.0	000.0100	0379.8	011.3	276.2	000.0654	0630.6	037.1	53.9
071.0	000.0100	0381.8	011.3	276.0	000.0646	0630.6	037.0	53.9
072.0	000.0100	0384.0	011.4	275.7	000.0638	0630.6	036.8	53.9
073.0	000.0100	0383.6	011.4	275.4	000.0629	0628.8	036.8	53.8
074.0	000.0100	0379.2	011.3	275.1	000.0620	0628.8	036.7	53.8
075.0	000.0100	0374.4	011.3	274.8	000.0611	0628.8	036.7	53.7
076.0	000.0100	0374.6	011.3	274.5	000.0602	0625.1	036.7	53.6
077.0	000.0100	0381.6	011.3	274.2	000.0595	0625.1	036.5	53.6
078.0	000.0100	0393.3	011.5	274.0	000.0588	0625.1	036.3	53.7
079.0	000.0100	0410.2	011.7	273.8	000.0581	0625.1	036.1	53.7
080.0	000.0100	0427.5	011.9	273.5	000.0575	0625.1	035.8	53.8
081.0	000.0100	0438.5	012.0	273.3	000.0567	0619.0	035.7	53.7
082.0	000.0100	0445.7	012.1	272.9	000.0558	0619.0	035.5	53.7
083.0	000.0100	0450.9	012.2	272.6	000.0549	0619.0	035.5	53.7
084.0	000.0100	0450.2	012.2	272.3	000.0539	0612.5	035.4	53.5
085.0	000.0100	0450.8	012.2	271.9	000.0530	0612.5	035.4	53.4
086.0	000.0100	0449.7	012.1	271.6	000.0521	0612.5	035.4	53.4
087.0	000.0100	0447.4	012.1	271.2	000.0511	0605.9	035.4	53.2
088.0	000.0100	0455.7	012.2	270.9	000.0502	0605.9	035.3	53.1
089.0	000.0100	0465.2	012.3	270.6	000.0493	0605.9	035.2	53.1
090.0	000.0100	0474.7	012.4	270.2	000.0484	0599.2	035.1	52.9

FM Over Calculation (Continued)

At no point on the 60 dBu (Protected) contour of Application BNPFT-20030317EPV does W251AO deliver more than 54 dBu (Interfering).

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\$73.1204 Clearance to Application
BNPFT-20030317EPV
FM Translator W251AO
Channel 251D – 98.1 MHz
0.115 kW ERP (DA) – 1346 m COR AMSL
Black Mountain, North Carolina
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