

Gore, Virginia

Exhibit 19

TV Channel 6 Study Index

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Gore, Virginia

Exhibit 19

TV6 Compliance Showing

According to 47 C.F.R. §73.525, an application needs to show non-interference to any TV6 station within the specified distance in Table A of 47 C.F.R. §73.525(a)(1). The distance for showing of non-interference for the proposed FM station applying on Channel 208 is 196 km. 47 C.F.R. §73.599 demonstrates the required FM/TV 6 protection ratio for the Class A on channel 208 at the Grade B 47 dBu protected contour is 20.3 dB. Therefore, the relevant interfering contour of the proposed station is the 67.5 dBu (47+20.5).

Page 2 of this Exhibit shows a plot of all TV6 stations within 196 km of the proposed new station as per 47 CFR §73.525. This demonstrates that WJAC is the only analog TV6 station within 196 km of the proposed station and that the proposed station's interfering contour lies within the 47 dBu F(50,50) of WJAC. The interference contour for WJAC is show on page 3. WDTV-D is a digital TV6 station and pages 4 to 6 are provided for information.

In accordance with 47 C.F.R. §73.525(e)(4)(i), the F(50,10) is calculated using $1/40^{\text{th}}$ of the effective radiated power since the proposed station is vertically polarized only and its interference contour is located completely outside the limits of a city of 50,000 or more.

Since there is no overlap to the TV6 station's Grade B contours by the proposed Class A FM station, the proposed NCE-FM station fully complies with the TV6 protection requirements of 47 C.F.R § 73.525.

Pages 7 to 10 of this exhibit is a printout of the station data for the affected TV6 stations.

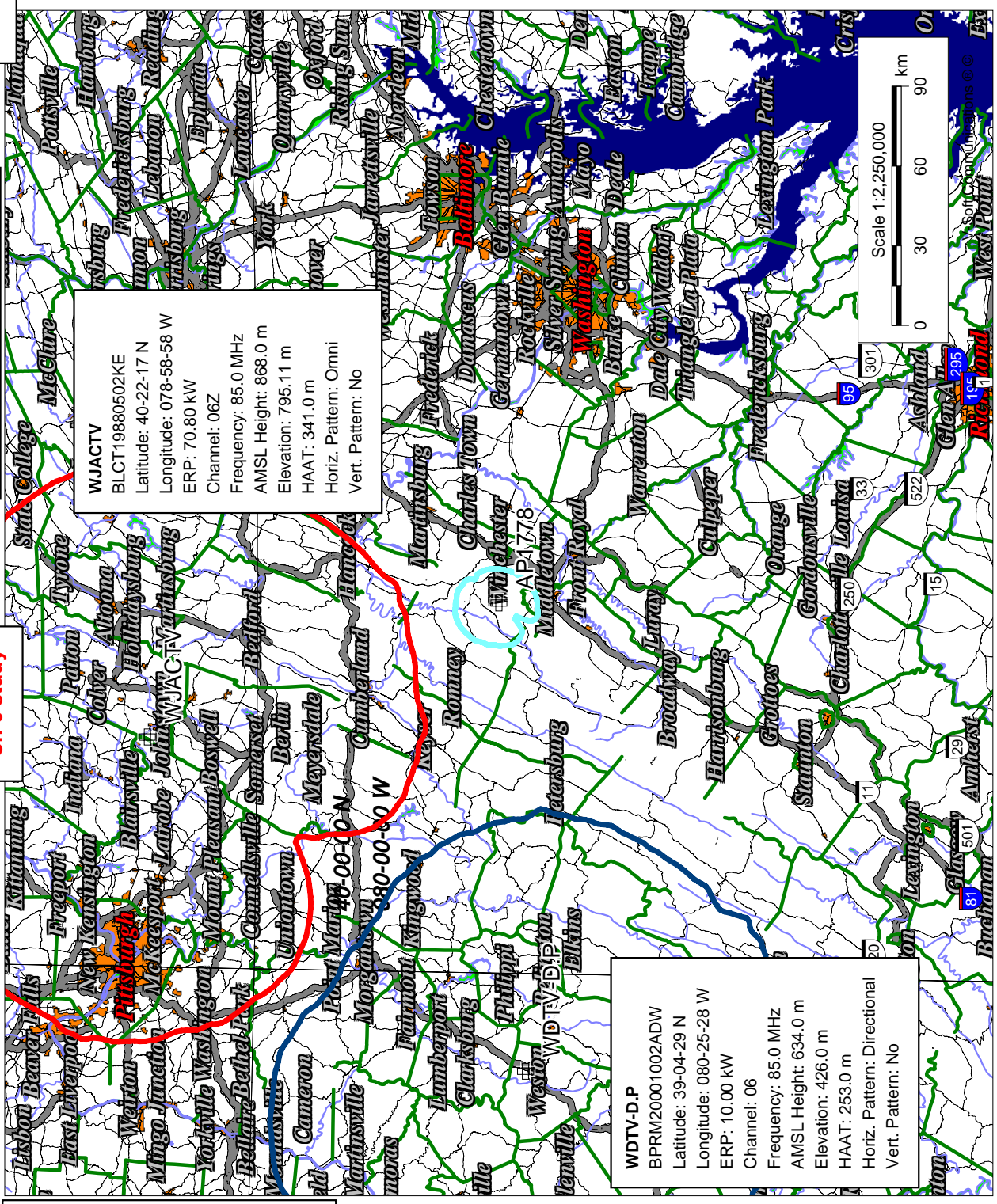
AP1778
 BNPED20000218AAF
 Latitude: 39-10-58 N
 Longitude: 078-23-23 W
 ERP: 0.035 kW
 Channel: 211
 Frequency: 90.1 MHz
 AMSL Height: 806.0 m
 Elevation: 783.1 m
 HAAT: 463.4 m
 Horiz. Pattern: Directional
 Vert. Pattern: No
 Prop Model: None

AP1778
 WJACTV
 WDTV-D.P

Data 10/12/07

**Gore VA
 Ch 6 study**

**Pensacola Christian College
 RBN**



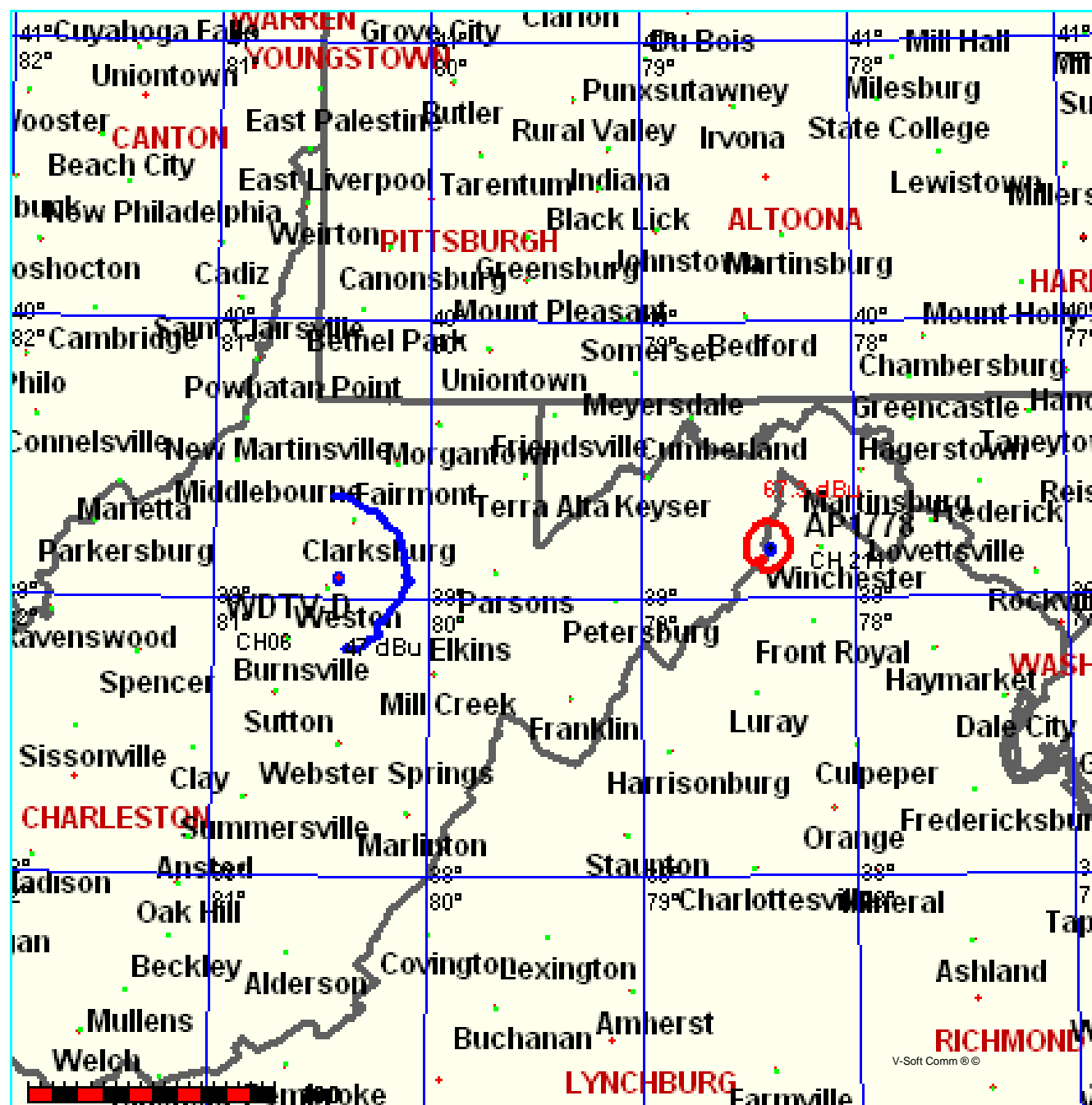
FMCommander Single Allocation Study
10-12-2007

AP1778	CH 211 A	WDTV-D	CH 06 1	BPRM20001002ADW
0.035 kW	806 M COR DA	10.0 kW	634 M COR DA	
Intef. = 67.3 dBu		Prot. = 47 dBu		



FMCommander Single Allocation Study
10-12-2007

AP1778	CH 211 A	WDTV-D	CH 06 C	BDSTA20050614ADO
0.035 kW	806 M COR DA	0.1 kW,	576.1 M COR	
Intef. = 67.3 dBu		Prot. = 47 dBu		



Channel-Six TV Protection Study

WJACTV LI 06Z 1C Dom Int 70.800 kW 341 M HAAT VHN
 Johnstown PA 868.0 M COR AMSL
 Lat= 40 22 17.0, Lng= 78 58 58.0
 Wpxi, Inc. BLCT19880502KE
 Fac ID# 73120
 Dist.=141.41 km, Azi=339.2°, Rev Azi=158.8°

Direct line HAAT Grade B, 47 dBu= 105.18 km & Grade A= 56.08 km

Distance from reference to Grade B = 36.23 km

Cutoff Dist from Full Service or Class CA= 196

Maximum Co-located power= 26.3 kW

WJACTV Signal Contour at Reference location = 36.0 dBu

CH. 211, U/D ratio = 20.3 dB, Maximum FM signal = 67.3 dBu , add 6 dB if within angle.

TV/FM D to U values

47.0	67.3	55.0	66.3	63.0	67.9	71.0	72.7	79.0	79.0	87.0	85.6
48.0	67.0	56.0	66.4	64.0	68.4	72.0	73.5	80.0	79.8	88.0	86.4
49.0	66.6	57.0	66.5	65.0	68.8	73.0	74.2	81.0	80.6	89.0	87.3
50.0	66.3	58.0	66.6	66.0	69.4	74.0	75.0	82.0	81.4	90.0	88.2
51.0	66.2	59.0	66.8	67.0	70.0	75.0	75.8	83.0	82.2	91.0	88.2
52.0	66.2	60.0	67.0	68.0	70.6	76.0	76.6	84.0	83.0	92.0	88.2
53.0	66.1	61.0	67.3	69.0	71.3	77.0	77.4	85.0	83.9	93.0	88.2
54.0	66.2	62.0	67.5	70.0	72.0	78.0	78.2	86.0	84.7	94.0	88.2

Channel-Six TV Protection Study

WDTV-D GRR 06 1 Dom Int 10.000 kW 253 M HAAT THN DA=D
 Weston WV 634.0 M COR AMSL
 Lat= 39 04 29.0, Lng= 80 25 28.0
 Withers Broadcasting Company BPRM20001002ADW
 Fac ID# 127948
 Dist.=176.35 km, Azi=266.7°, Rev Azi=85.4°

Direct line HAAT Grade B, 47 dBu= 67.31 km & Grade A= 26.53 km

Distance from reference to Grade B = 109.05 km

Cutoff Dist from Full Service or Class CA= 196

Maximum Co-located power= 26.3 kW

WDTV-D Signal Contour at Reference location = 14.3 dBu

CH. 211, U/D ratio = 20.3 dB, Maximum FM signal = 67.3 dBu , add 6 dB if within angle.

TV/FM D to U values

47.0	67.3	55.0	66.3	63.0	67.9	71.0	72.7	79.0	79.0	87.0	85.6
48.0	67.0	56.0	66.4	64.0	68.4	72.0	73.5	80.0	79.8	88.0	86.4
49.0	66.6	57.0	66.5	65.0	68.8	73.0	74.2	81.0	80.6	89.0	87.3
50.0	66.3	58.0	66.6	66.0	69.4	74.0	75.0	82.0	81.4	90.0	88.2
51.0	66.2	59.0	66.8	67.0	70.0	75.0	75.8	83.0	82.2	91.0	88.2
52.0	66.2	60.0	67.0	68.0	70.6	76.0	76.6	84.0	83.0	92.0	88.2
53.0	66.1	61.0	67.3	69.0	71.3	77.0	77.4	85.0	83.9	93.0	88.2
54.0	66.2	62.0	67.5	70.0	72.0	78.0	78.2	86.0	84.7	94.0	88.2

Channel-Six TV Protection Study

WDTV-D CP 06 1C Dom Int 10.000 kW 248 M HAAT THY DA=D
 Weston WV 629.7 M COR AMSL
 Lat= 39 04 29.0, Lng= 80 25 28.0
 Withers Broadcasting Company BPCDT19991029AFO
 Fac ID# 70592
 Dist.=176.35 km, Azi=266.7°, Rev Azi=85.4°

Direct line HAAT Grade B, 47 dBu= 59.08 km & Grade A= 21.72 km

Distance from reference to Grade B = 117.28 km

Cutoff Dist from Full Service or Class CA= 196

Maximum Co-located power= 26.3 kW

WDTV-D Signal Contour at Reference location = 10.7 dBu

CH. 211, U/D ratio = 20.3 dB, Maximum FM signal = 67.3 dBu , add 6 dB if within angle.

TV/FM D to U values

47.0	67.3	55.0	66.3	63.0	67.9	71.0	72.7	79.0	79.0	87.0	85.6
48.0	67.0	56.0	66.4	64.0	68.4	72.0	73.5	80.0	79.8	88.0	86.4
49.0	66.6	57.0	66.5	65.0	68.8	73.0	74.2	81.0	80.6	89.0	87.3
50.0	66.3	58.0	66.6	66.0	69.4	74.0	75.0	82.0	81.4	90.0	88.2
51.0	66.2	59.0	66.8	67.0	70.0	75.0	75.8	83.0	82.2	91.0	88.2
52.0	66.2	60.0	67.0	68.0	70.6	76.0	76.6	84.0	83.0	92.0	88.2
53.0	66.1	61.0	67.3	69.0	71.3	77.0	77.4	85.0	83.9	93.0	88.2
54.0	66.2	62.0	67.5	70.0	72.0	78.0	78.2	86.0	84.7	94.0	88.2

Channel-Six TV Protection Study

WDTV-D ST 06 C Dom Int 0.100 kW 193 M HAAT T N
 Weston WV 576.1 M COR AMSL
 Lat= 39 04 29.0, Lng= 80 25 28.0
 Withers Broadcasting Company BDSTA20050614ADO
 Fac ID# 70592
 Dist.=176.35 km, Azi=266.7°, Rev Azi=85.4°

Direct line HAAT Grade B, 47 dBu= 28.18 km & Grade A= 8.65 km

Distance from reference to Grade B = 148.17 km

Cutoff Dist from Full Service or Class CA= 196

Maximum Co-located power= 26.3 kW

WDTV-D Signal Contour at Reference location = -4.1 dBu

CH. 211, U/D ratio = 20.3 dB, Maximum FM signal = 67.3 dBu , add 6 dB if within angle.

TV/FM D to U values

47.0	67.3	55.0	66.3	63.0	67.9	71.0	72.7	79.0	79.0	87.0	85.6
48.0	67.0	56.0	66.4	64.0	68.4	72.0	73.5	80.0	79.8	88.0	86.4
49.0	66.6	57.0	66.5	65.0	68.8	73.0	74.2	81.0	80.6	89.0	87.3
50.0	66.3	58.0	66.6	66.0	69.4	74.0	75.0	82.0	81.4	90.0	88.2
51.0	66.2	59.0	66.8	67.0	70.0	75.0	75.8	83.0	82.2	91.0	88.2
52.0	66.2	60.0	67.0	68.0	70.6	76.0	76.6	84.0	83.0	92.0	88.2
53.0	66.1	61.0	67.3	69.0	71.3	77.0	77.4	85.0	83.9	93.0	88.2
54.0	66.2	62.0	67.5	70.0	72.0	78.0	78.2	86.0	84.7	94.0	88.2