

TECHNICAL EXHIBIT
MINOR CHANGE APPLICATION FOR
MODIFICATION OF CONSTRUCTION PERMIT
FCC FILE NO. BPTTA-20020624AAQ
CLASS A STATION WITD-CA
FACILITY ID 71119
CHESAPEAKE, VIRGINIA
CH 23 70 KW (MAX-DA)

Technical Narrative

The technical exhibit of which this narrative is part was prepared in support of a minor change application for modification of construction permit (FCC File No. BPTTA-20020624AAQ) for Class A station WITD-CA at Chesapeake, Virginia (Facility ID: 71119). Specifically, this modification application proposes to change directional antenna system, increase effective radiated power (ERP), and decrease the antenna radiation center above mean sea level (RCAMSL). No other changes are proposed including no change in channel (23), frequency offset (+), transmitter site location or community of license (Chesapeake).

Purpose of Application

The instant modification application has been prepared to correct the currently authorized facilities to reflect the facilities that were actually built.

Freeze Compliance

This application can be accepted for filing as it does not request a change which is consider "frozen" by FCC's Public Notice (DA 04-2446) released August 3, 2004, *Freeze on the filing of Certain TV and DTV Requests for Allotment or Service Area Changes*. Specifically, the proposed 74 dBu contour will not result in an extension of the currently licensed 74 dBu contour (see Figure 1).

Minor Change Application

This application is considered a "minor change" in facilities pursuant to Section 73.3572(a)(2), as there will be no change in frequency and the authorized 74 dBu contour will wholly encompass the proposed 74 dBu contour.

Proposed Facilities

It is proposed to operate on channel 23 (524-530 MHz) with a "plus" carrier frequency offset using a Dielectric model TUA-C2SP-12/24M-1-N, composite directional antenna with an orientation of 0 degrees true.¹ The maximum directional ERP at any horizontal or vertical angle will be 70 kW. The antenna will be mounted at the 194 meter level on an existing 313 meter tower (Antenna Registration Number 1018104). The antenna radiation center height above mean sea level will be 201 meters.

Response to Paragraph 13

The proposed facility complies with all the following applicable rule Sections: Sections 74.705, 74.706, 74.707, 74.708, 74.709 and 74.710. Figure 2 provides the output of study based on OET-69 Bulletin which demonstrates that the proposed WITD-CA operation complies with the FCC's NTSC, DTV, LPTV/TV translator and Class A interference criteria.²

Environmental Considerations

The proposed WITD-CA television facilities were evaluated in terms of potential radiofrequency radiation exposure at ground level in accordance with OST Bulletin No. 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radiofrequency Radiation".

The calculated power density towards the base of the tower (-60° to -90° elevation) was calculated using the appropriate equation of the Bulletin. Using a greater than expected vertical relative field value of 0.1 (see Figure 3), a maximum visual effective radiated power of 70 kilowatts and 10 percent aural power, the calculated power density at 2 meters above ground level at the base of the tower is 0.0003 milliwatt per square centimeter (mW/cm^2), or 0.1 percent of the Commission's recommended limit applicable to general population/uncontrolled exposure areas (0.35 mW/cm^2 for TV

¹ The main lobes of the antenna will be oriented at 82 degrees and 178 degrees true.

² The du Treil, Lundin & Rackley, Inc. DTV interference analysis program is based on the program and procedures outlined by the FCC in the Sixth Report and Order; subsequent Memorandum Opinion and Order; and FCC OET Bulletin No. 69. **A nominal grid size resolution of 1 km was employed.** A Sun computer system was employed. The results have been found to be in agreement with the results of the FCC implementation of OET Bulletin 69.

channel 23). Therefore, based on the responsibility threshold of 5%, the proposal will comply with the FCC'S RF emission rules.

Access to the transmitting site will be restricted and appropriately marked with warning signs. Furthermore, as this is a multi-user site, an agreement will be in effect in the event that workers or other authorized personnel enter the restricted area or climb the tower to ensure that appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the stations are at reduced power or shut down.

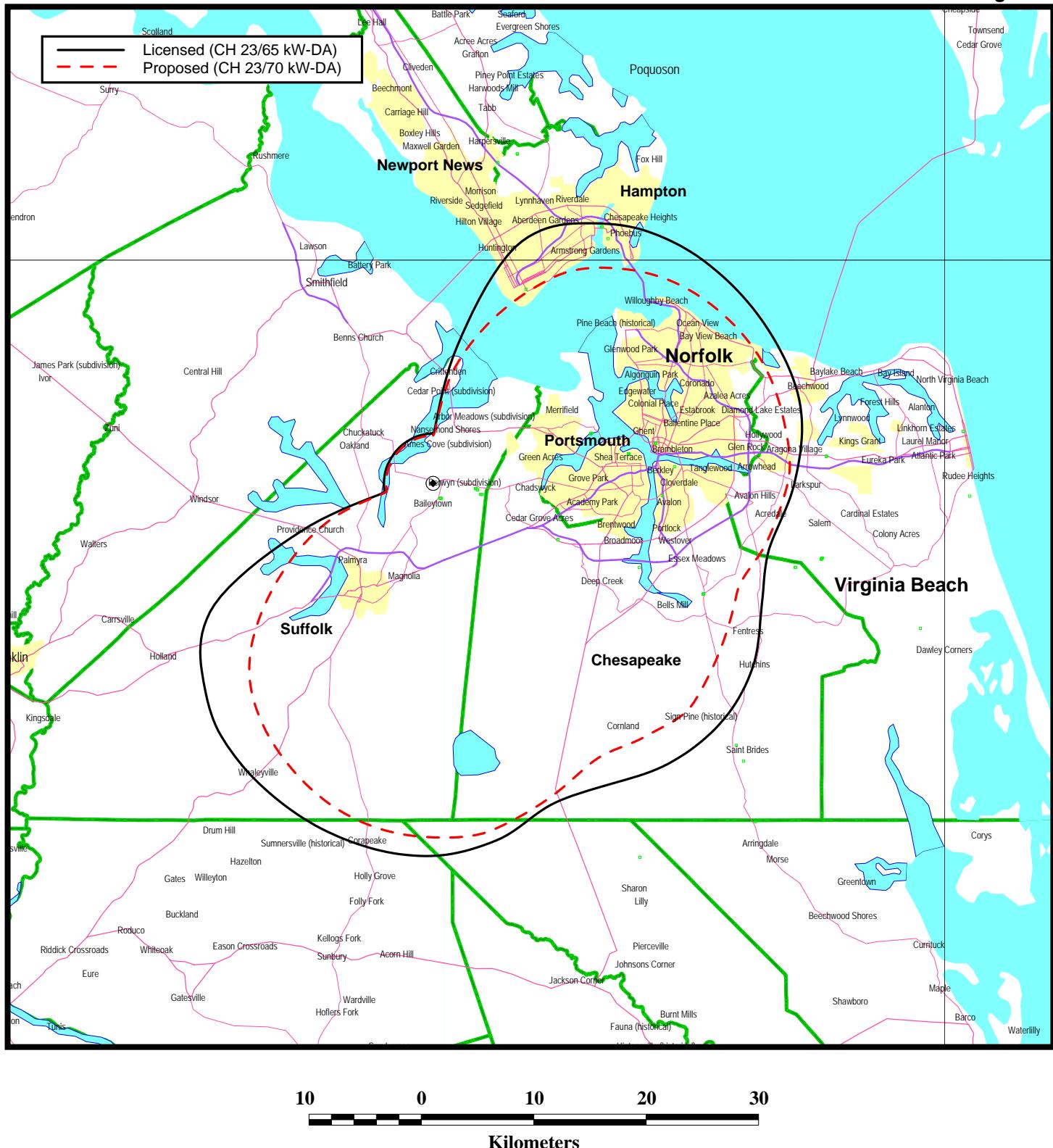


W. Jeffery Reynolds

du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 34237
JEFF@DLR.COM

July 19, 2006

Figure 1



PREDICTED 74 DBU CONTOURS

STATION WITD-CA
CHESAPEAKE, VIRGINIA
CH 23 70 KW (MAX-DA)

OET-69 Interference Caused Study

Record Selected for Analysis

WITD-CA USERRECORD-01 CHESAPEAKE VA US
Channel 23 ERP 70. kW HAAT 199. m RCAMSL 00201 m
Latitude 036-49-14 Longitude 0076-30-41
Status APP Zone 2 Border Offset +
Dir Antenna Make CDB Model 00000000072269 Beam tilt N Ref Azimuth 0.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	74.0 dBu F(50,50) (km)
0.0	0.000	198.8	1.0
45.0	28.270	197.6	26.6
90.0	67.091	197.3	31.5
135.0	52.134	195.5	29.9
180.0	69.860	195.0	31.6
225.0	15.168	192.5	23.0
270.0	0.000	189.0	1.0
315.0	0.000	189.4	1.0

Evaluation from Class A Station

Spacing violation to station
961001XL 21 VIRGINIA BEACH VA BPCT 19961001XL
Site-to-site distance 0.0km

Spacing violation to station
961001XY 21 VIRGINIA BEACH VA BPCT 19961001XY
Site-to-site distance 21.5km

Spacing violation to station
960404LP 21 VIRGINIA BEACH VA BPCT 19960404LP
Site-to-site distance 19.8km

Spacing violation to station
960919KO 21 VIRGINIA BEACH VA BPCT 19960919KO
Site-to-site distance 26.0km

Spacing violation to station
960724LD 21 VIRGINIA BEACH VA BPCT 19960724LD
Site-to-site distance 26.0km

Spacing violation to station
WHRE 21 VIRGINIA BEACH VA BLCT 20060329AGW

Site-to-site distance 1.5km

Spacing violation to station
960724LE 21 VIRGINIA BEACH VA BPCT 19960724LE
Site-to-site distance 1.5km

Contour overlap to station
WUNK-TV 23 GREENVILLE NC BLEDT 20021007ABG

Contour overlap to station
WUNK-DT 23 GREENVILLE NC DTVPLN DTVP0530

Spacing violation to station
WGNT 27 PORTSMOUTH VA BMLCT 20020718AAB
Site-to-site distance 4.5km

Contour Overlap Evaluation from Class A Complete

Contour Overlap Evaluation from LPTV Station to LPTV Stations

No Spacing violations or contour overlap from LPTV station

Contour Overlap Evaluation from LPTV to LPTV Stations Complete

Contour Overlap to Proposed Station

Station
WCVE-TV 23 RICHMOND VA BLET20030520AKD causes

Contour overlap to Class A station
WITD-CA 23 CHESAPEAKE VA USERRECORD01

Station
WTVZ-TV 38 NORFOLK VA BMPCDT20010730ABJ

Station inside contour of Class A station
WITD-CA 23 CHESAPEAKE VA USERRECORD01

Station
WTVZ-TV 38 NORFOLK VA BMPCDT20060629AAS

Station inside contour of Class A station
WITD-CA 23 CHESAPEAKE VA USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Figure 2
Sheet 3 of 25

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Proposed Station			
Channel	Call	City/State	ARN
23	WITD-CA	CHESAPEAKE VA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	961001XL	VIRGINIA BEACH VA	0.0	APP	BPCT -19961001XL
21	961001XY	VIRGINIA BEACH VA	21.5	APP	BPCT -19961001XY
21	960404LP	VIRGINIA BEACH VA	19.8	APP	BPCT -19960404LP
21	960919KO	VIRGINIA BEACH VA	26.0	APP	BPCT -19960919KO
21	960724LD	VIRGINIA BEACH VA	26.0	APP	BPCT -19960724LD
21	WHRE	VIRGINIA BEACH VA	1.5	LIC	BLCT -20060329AGW
21	960724LE	VIRGINIA BEACH VA	1.5	APP	BPCT -19960724LE
23	WUNK-TV	GREENVILLE NC	171.5	LIC	BLEDT -20021007ABG
23	WUNK-DT	GREENVILLE NC	171.7	PLN	DTVPLN -DTVP0530
27	WGNT	PORTSMOUTH VA	4.5	LIC	BMLCT -20020718AAB

%%%%%%%%%%%%%

Analysis of Interference to Affected Station 1

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
21	NEW	VIRGINIA BEACH VA	DTVPLN -NPLN1130

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WYDO	GREENVILLE NC	182.0	PLN	DTVPLN -NPLN0893
19	WGNT-DT	PORTSMOUTH VA	28.7	PLN	DTVPLN -DTVP0376
20	WUND-DT	COLUMBIA NC	96.5	PLN	DTVPLN -DTVP0407
21	WBOC-DT	SALISBURY MD	199.7	PLN	DTVPLN -DTVP0441
21	WYDO-DT	GREENVILLE NC	182.0	PLN	DTVPLN -DTVP0446
21	WHPTV	HARRISBURG PA	404.1	PLN	DTVPLN -NPLN1124
21	WWMB	FLORENCE SC	391.4	PLN	DTVPLN -NPLN1125
21	WVPY-DT	FRONT ROYAL VA	311.1	PLN	DTVPLN -DTVP0461
21	WJPR	LYNCHBURG VA	315.5	PLN	DTVPLN -NPLN1129
22	WRIC-DT	PETERSBURG VA	153.9	PLN	DTVPLN -DTVP0509
28	WCPB	SALISBURY MD	188.0	PLN	DTVPLN -NPLN1333
29	WVBT-DT	VIRGINIA BEACH VA	33.1	PLN	DTVPLN -DTVP0771
35	WRLHTV	RICHMOND VA	161.0	PLN	DTVPLN -NPLN1509
36	WUNPTV	ROANOKE RAPIDS NC	159.2	PLN	DTVPLN -NPLN1523

Results for: 21N VA VIRGINIA BEACH	DTVPLN	NPLN1130	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1322083	9646.3	
not affected by terrain losses	1322083	9646.3	
lost to NTSC IX	0	1.0	
lost to additional IX by ATV	24368	418.4	
lost to all IX	24368	419.4	

Figure 2
Sheet 4 of 25

Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	961001XL	VIRGINIA BEACH VA	BPCT -19961001XL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WYDO	GREENVILLE NC	171.1	LIC	BLCT -19920709KF
19	WGNT-DT	PORTSMOUTH VA	4.4	PLN	DTVPLN -DTVP0376
20	WUND-DT	COLUMBIA NC	103.4	PLN	DTVPLN -DTVP0407
20	WUND-TV	EDENTON NC	103.4	LIC	BLEDT -20051011AGU
21	WBOC-TV	SALISBURY MD	202.2	CP MOD	BMPCTD -20031124APT
21	WBOC-DT	SALISBURY MD	202.2	PLN	DTVPLN -DTVP0441
21	WYDO	GREENVILLE NC	171.1	CP	BPCDT -19991101AHL
21	WYDO-DT	GREENVILLE NC	171.1	PLN	DTVPLN -DTVP0446
21	WHP-TV	HARRISBURG PA	393.0	LIC	BLCT -2171
21	WWMB	FLORENCE SC	373.4	LIC	BLCT -19941005KG
21	WVPY	FRONT ROYAL VA	286.4	LIC	BLEDT -20021220ADZ
21	WVPY-DT	FRONT ROYAL VA	286.4	PLN	DTVPLN -DTVP0461
21	WWCW	LYNCHBURG VA	282.4	LIC	BLCT -19930513KE
22	WRIC-TV	PETERSBURG VA	123.4	LIC	BLCDT -20021112ACD
22	WRIC-DT	PETERSBURG VA	123.5	PLN	DTVPLN -DTVP0509
23	WCVE-TV	RICHMOND VA	123.4	LIC	BLET -20030520AKD
24	WCVE-DT	RICHMOND VA	123.5	PLN	DTVPLN -DTVP0588
25	WTVR-TV	RICHMOND VA	123.4	LIC	BLCDT -20021204ABA
25	WTVR-DT	RICHMOND VA	119.1	PLN	DTVPLN -DTVP0622
28	WCPB	SALISBURY MD	191.9	LIC	BLET -19950629KE
29	WVBT	VIRGINIA BEACH VA	0.0	LIC	BLCDT -20020326ABB
29	WVBT-DT	VIRGINIA BEACH VA	0.0	PLN	DTVPLN -DTVP0771
35	WRLH-TV	RICHMOND VA	130.0	LIC	BLCT -19870930LA
36	WUNP-TV	ROANOKE RAPIDS NC	132.1	LIC	BMLET -20041104ARP
23	WITD-CA	CHESAPEAKE VA	0.0	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	961001XY	VIRGINIA BEACH VA	BPCT -19961001XY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WYDO	GREENVILLE NC	183.2	LIC	BLCT -19920709KF
19	WGNT-DT	PORTSMOUTH VA	17.4	PLN	DTVPLN -DTVP0376
20	WUND-DT	COLUMBIA NC	104.1	PLN	DTVPLN -DTVP0407
20	WUND-TV	EDENTON NC	104.1	LIC	BLEDT -20051011AGU
21	WBOC-TV	SALISBURY MD	193.7	CP MOD	BMPCTD -20031124APT
21	WBOC-DT	SALISBURY MD	193.7	PLN	DTVPLN -DTVP0441
21	WYDO	GREENVILLE NC	183.2	CP	BPCDT -19991101AHL
21	WYDO-DT	GREENVILLE NC	183.2	PLN	DTVPLN -DTVP0446
21	WHP-TV	HARRISBURG PA	393.7	LIC	BLCT -2171
21	WWMB	FLORENCE SC	389.6	LIC	BLCT -19941005KG
21	WVPY	FRONT ROYAL VA	297.5	LIC	BLEDT -20021220ADZ
21	WVPY-DT	FRONT ROYAL VA	297.5	PLN	DTVPLN -DTVP0461
21	WWCW	LYNCHBURG VA	303.1	LIC	BLCT -19930513KE
22	WRIC-TV	PETERSBURG VA	140.0	LIC	BLCDT -20021112ACD
22	WRIC-DT	PETERSBURG VA	140.0	PLN	DTVPLN -DTVP0509

Figure 2
Sheet 5 of 25

23	WCVE-TV	RICHMOND VA	140.0	LIC	BLET	-20030520AKD
24	WCVE-DT	RICHMOND VA	140.0	PLN	DTVPLN	-DTVP0588
25	WTVR-TV	RICHMOND VA	140.0	LIC	BLCDT	-20021204ABA
25	WTVR-DT	RICHMOND VA	134.3	PLN	DTVPLN	-DTVP0622
28	WCPB	SALISBURY MD	182.5	LIC	BLET	-19950629KE
29	WVBT	VIRGINIA BEACH VA	21.5	LIC	BLCDT	-20020326ABB
29	WVBT-DT	VIRGINIA BEACH VA	21.5	PLN	DTVPLN	-DTVP0771
35	WRLH-TV	RICHMOND VA	147.1	LIC	BLCT	-19870930LA
36	WUNP-TV	ROANOKE RAPIDS NC	152.3	LIC	BMLET	-20041104ARP
23	WITD-CA	CHESAPEAKE VA	21.5	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	960404LP	VIRGINIA BEACH VA	BPCT -19960404LP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WYDO	GREENVILLE NC	173.9	LIC	BLCT -19920709KF
19	WGNT-DT	PORTSMOUTH VA	15.5	PLN	DTVPLN -DTVP0376
20	WUND-DT	COLUMBIA NC	95.0	PLN	DTVPLN -DTVP0407
20	WUND-TV	EDENTON NC	94.9	LIC	BLEDT -20051011AGU
21	WBOC-TV	SALISBURY MD	203.2	CP MOD	BMPCTD -20031124APT
21	WBOC-DT	SALISBURY MD	203.2	PLN	DTVPLN -DTVP0441
21	WYDO	GREENVILLE NC	173.9	CP	BPCDT -19991101AHL
21	WYDO-DT	GREENVILLE NC	173.9	PLN	DTVPLN -DTVP0446
21	WHP-TV	HARRISBURG PA	402.2	LIC	BLCT -2171
21	WWMB	FLORENCE SC	381.1	LIC	BLCT -19941005KG
21	WVPY	FRONT ROYAL VA	302.9	LIC	BLEDT -20021220ADZ
21	WVPY-DT	FRONT ROYAL VA	302.9	PLN	DTVPLN -DTVP0461
21	WWCW	LYNCHBURG VA	301.9	LIC	BLCT -19930513KE
22	WRIC-TV	PETERSBURG VA	142.5	LIC	BLCDT -20021112ACD
22	WRIC-DT	PETERSBURG VA	142.6	PLN	DTVPLN -DTVP0509
25	WTVR-DT	RICHMOND VA	137.6	PLN	DTVPLN -DTVP0622
28	WCPB	SALISBURY MD	192.0	LIC	BLET -19950629KE
29	WVBT	VIRGINIA BEACH VA	19.8	LIC	BLCDT -20020326ABB
29	WVBT-DT	VIRGINIA BEACH VA	19.8	PLN	DTVPLN -DTVP0771
35	WRLH-TV	RICHMOND VA	149.3	LIC	BLCT -19870930LA
36	WUNP-TV	ROANOKE RAPIDS NC	146.1	LIC	BMLET -20041104ARP
23	WITD-CA	CHESAPEAKE VA	19.8	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	960919KO	VIRGINIA BEACH VA	BPCT -19960919KO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WYDO	GREENVILLE NC	175.2	LIC	BLCT -19920709KF

Figure 2
Sheet 6 of 25

19	WGNT-DT	PORTSMOUTH VA	21.7	PLN	DTVPLN	-DTVP0376
20	WUND-DT	COLUMBIA NC	93.0	PLN	DTVPLN	-DTVP0407
20	WUND-TV	EDENTON NC	92.9	LIC	BLEDT	-20051011AGU
21	WBOC-TV	SALISBURY MD	203.9	CP MOD	BMPCTD	-20031124APT
21	WBOC-DT	SALISBURY MD	203.9	PLN	DTVPLN	-DTVP0441
21	WYDO	GREENVILLE NC	175.2	CP	BPCDT	-19991101AHL
21	WYDO-DT	GREENVILLE NC	175.2	PLN	DTVPLN	-DTVP0446
21	WHP-TV	HARRISBURG PA	405.3	LIC	BLCT	-2171
21	WWMB	FLORENCE SC	383.7	LIC	BLCT	-19941005KG
21	WVPY	FRONT ROYAL VA	308.2	LIC	BLEDT	-20021220ADZ
21	WVPY-DT	FRONT ROYAL VA	308.2	PLN	DTVPLN	-DTVP0461
21	WWCW	LYNCHBURG VA	308.0	LIC	BLCT	-19930513KE
22	WRIC-TV	PETERSBURG VA	148.5	LIC	BLCDT	-20021112ACD
22	WRIC-DT	PETERSBURG VA	148.6	PLN	DTVPLN	-DTVP0509
28	WCPB	SALISBURY MD	192.5	LIC	BLET	-19950629KE
29	WVBT	VIRGINIA BEACH VA	26.0	LIC	BLCDT	-20020326ABB
29	WVBT-DT	VIRGINIA BEACH VA	26.0	PLN	DTVPLN	-DTVP0771
35	WRLH-TV	RICHMOND VA	155.4	LIC	BLCT	-19870930LA
36	WUNP-TV	ROANOKE RAPIDS NC	150.7	LIC	BMLET	-20041104ARP
23	WITD-CA	CHESAPEAKE VA	26.0	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	960724LD	VIRGINIA BEACH VA	BPCT -19960724LD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WYDO	GREENVILLE NC	175.2	LIC	BLCT -19920709KF
19	WGNT-DT	PORTSMOUTH VA	21.7	PLN	DTVPLN -DTVP0376
20	WUND-DT	COLUMBIA NC	93.0	PLN	DTVPLN -DTVP0407
20	WUND-TV	EDENTON NC	92.9	LIC	BLEDT -20051011AGU
21	WBOC-TV	SALISBURY MD	203.9	CP MOD	BMPCTD -20031124APT
21	WBOC-DT	SALISBURY MD	203.9	PLN	DTVPLN -DTVP0441
21	WYDO	GREENVILLE NC	175.2	CP	BPCDT -19991101AHL
21	WYDO-DT	GREENVILLE NC	175.2	PLN	DTVPLN -DTVP0446
21	WHP-TV	HARRISBURG PA	405.3	LIC	BLCT -2171
21	WWMB	FLORENCE SC	383.7	LIC	BLCT -19941005KG
21	WVPY	FRONT ROYAL VA	308.2	LIC	BLEDT -20021220ADZ
21	WVPY-DT	FRONT ROYAL VA	308.2	PLN	DTVPLN -DTVP0461
21	WWCW	LYNCHBURG VA	308.0	LIC	BLCT -19930513KE
22	WRIC-TV	PETERSBURG VA	148.5	LIC	BLCDT -20021112ACD
22	WRIC-DT	PETERSBURG VA	148.6	PLN	DTVPLN -DTVP0509
28	WCPB	SALISBURY MD	192.5	LIC	BLET -19950629KE
29	WVBT	VIRGINIA BEACH VA	26.0	LIC	BLCDT -20020326ABB
29	WVBT-DT	VIRGINIA BEACH VA	26.0	PLN	DTVPLN -DTVP0771
35	WRLH-TV	RICHMOND VA	155.4	LIC	BLCT -19870930LA
36	WUNP-TV	ROANOKE RAPIDS NC	150.7	LIC	BMLET -20041104ARP
23	WITD-CA	CHESAPEAKE VA	26.0	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 6

Figure 2
Sheet 7 of 25

Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	WHRE	VIRGINIA BEACH VA	BLCT -20060329AGW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WYDO	GREENVILLE NC	170.3	LIC	BLCT -19920709KF
19	WGNT-DT	PORTSMOUTH VA	3.6	PLN	DTVPLN -DTVP0376
20	WUND-DT	COLUMBIA NC	102.0	PLN	DTVPLN -DTVP0407
20	WUND-TV	EDENTON NC	102.0	LIC	BLEDT -20051011AGU
21	WBOC-TV	SALISBURY MD	203.1	CP MOD	BMPCDT -20031124APT
21	WBOC-DT	SALISBURY MD	203.1	PLN	DTVPLN -DTVP0441
21	WYDO	GREENVILLE NC	170.3	CP	BPCDT -19991101AHL
21	WYDO-DT	GREENVILLE NC	170.3	PLN	DTVPLN -DTVP0446
21	WHP-TV	HARRISBURG PA	394.4	LIC	BLCT -2171
21	WWMB	FLORENCE SC	372.9	LIC	BLCT -19941005KG
21	WVPY	FRONT ROYAL VA	287.9	LIC	BLEDT -20021220ADZ
21	WVPY-DT	FRONT ROYAL VA	287.9	PLN	DTVPLN -DTVP0461
21	WWCW	LYNCHBURG VA	283.3	LIC	BLCT -19930513KE
22	WRIC-TV	PETERSBURG VA	124.8	LIC	BLCDT -20021112ACD
22	WRIC-DT	PETERSBURG VA	124.9	PLN	DTVPLN -DTVP0509
23	WCVE-TV	RICHMOND VA	124.8	LIC	BLET -20030520AKD
24	WCVE-DT	RICHMOND VA	124.9	PLN	DTVPLN -DTVP0588
25	WTVR-TV	RICHMOND VA	124.8	LIC	BLCDT -20021204ABA
25	WTVR-DT	RICHMOND VA	120.5	PLN	DTVPLN -DTVP0622
28	WCPB	SALISBURY MD	192.8	LIC	BLET -19950629KE
29	WVBT	VIRGINIA BEACH VA	1.5	LIC	BLCDT -20020326ABB
29	WVBT-DT	VIRGINIA BEACH VA	1.5	PLN	DTVPLN -DTVP0771
35	WRLH-TV	RICHMOND VA	131.4	LIC	BLCT -19870930LA
36	WUNP-TV	ROANOKE RAPIDS NC	132.2	LIC	BMLET -20041104ARP
23	WITD-CA	CHESAPEAKE VA	1.5	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	960724LE	VIRGINIA BEACH VA	BPCT -19960724LE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WYDO	GREENVILLE NC	170.3	LIC	BLCT -19920709KF
19	WGNT-DT	PORTSMOUTH VA	3.6	PLN	DTVPLN -DTVP0376
20	WUND-DT	COLUMBIA NC	102.0	PLN	DTVPLN -DTVP0407
20	WUND-TV	EDENTON NC	102.0	LIC	BLEDT -20051011AGU
21	WBOC-TV	SALISBURY MD	203.1	CP MOD	BMPCDT -20031124APT
21	WBOC-DT	SALISBURY MD	203.1	PLN	DTVPLN -DTVP0441
21	WYDO	GREENVILLE NC	170.3	CP	BPCDT -19991101AHL
21	WYDO-DT	GREENVILLE NC	170.3	PLN	DTVPLN -DTVP0446
21	WHP-TV	HARRISBURG PA	394.3	LIC	BLCT -2171
21	WWMB	FLORENCE SC	372.9	LIC	BLCT -19941005KG
21	WVPY	FRONT ROYAL VA	287.9	LIC	BLEDT -20021220ADZ
21	WVPY-DT	FRONT ROYAL VA	287.9	PLN	DTVPLN -DTVP0461
21	WWCW	LYNCHBURG VA	283.3	LIC	BLCT -19930513KE
22	WRIC-TV	PETERSBURG VA	124.8	LIC	BLCDT -20021112ACD
22	WRIC-DT	PETERSBURG VA	124.8	PLN	DTVPLN -DTVP0509

Figure 2
Sheet 8 of 25

23	WCVE-TV	RICHMOND VA	124.8	LIC	BLET	-20030520AKD
24	WCVE-DT	RICHMOND VA	124.8	PLN	DTVPLN	-DTVP0588
25	WTVR-TV	RICHMOND VA	124.8	LIC	BLCDT	-20021204ABA
25	WTVR-DT	RICHMOND VA	120.5	PLN	DTVPLN	-DTVP0622
28	WCPB	SALISBURY MD	192.8	LIC	BLET	-19950629KE
29	WVBT	VIRGINIA BEACH VA	1.5	LIC	BLCDT	-20020326ABB
29	WVBT-DT	VIRGINIA BEACH VA	1.5	PLN	DTVPLN	-DTVP0771
35	WRLH-TV	RICHMOND VA	131.3	LIC	BLCT	-19870930LA
36	WUNP-TV	ROANOKE RAPIDS NC	132.2	LIC	BMLET	-20041104ARP
23	WITD-CA	CHESAPEAKE VA	1.5	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 8

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
23	WUNK-DT	GREENVILLE NC	DTVPLN -DTVP0530

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
22	WLFL	RALEIGH NC	111.4	PLN	DTVPLN -NPLN1148
22	WRIC-DT	PETERSBURG VA	218.1	PLN	DTVPLN -DTVP0509
23	WBTV-DT	CHARLOTTE NC	325.3	PLN	DTVPLN -DTVP0529
23	WHMC	CONWAY SC	224.8	PLN	DTVPLN -NPLN1190
23	WCVETV	RICHMOND VA	218.1	PLN	DTVPLN -NPLN1195
24	WFXI-DT	MOREHEAD CITY NC	124.0	PLN	DTVPLN -DTVP0575
24	WDRLT	DANVILLE VA	199.3	PLN	DTVPLN -NPLN1230
24	WCVE-DT	RICHMOND VA	218.1	PLN	DTVPLN -DTVP0588

Results for: 23A NC GREENVILLE	DTVPLN	DTVP0530	PLN
HAAT 351.0 m, ATV ERP 50.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	645056	15454.3	
not affected by terrain losses	645056	15454.3	
lost to NTSC IX	305	11.9	
lost to additional IX by ATV	0	2.0	
lost to ATV IX only	178	5.0	
lost to all IX	305	13.9	

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
25	WUNKTV	GREENVILLE NC	DTVPLN -NPLN1252

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	WNCN	GOLDSBORO NC	79.6	PLN	DTVPLN -NPLN0992
21	WYDO-DT	GREENVILLE NC	24.0	PLN	DTVPLN -DTVP0446
22	WLFL	RALEIGH NC	111.4	PLN	DTVPLN -NPLN1148
23	WUNK-DT	GREENVILLE NC	0.0	PLN	DTVPLN -DTVP0530
24	WFXI-DT	MOREHEAD CITY NC	124.0	PLN	DTVPLN -DTVP0575
24	WDRLT	DANVILLE VA	199.3	PLN	DTVPLN -NPLN1230
25	WUNU-DT	LUMBERTON NC	155.6	PLN	DTVPLN -DTVP0609
25	WOLOTV	COLUMBIA SC	350.3	PLN	DTVPLN -NPLN1257
25	WTVR-DT	RICHMOND VA	224.4	PLN	DTVPLN -DTVP0622
26	WSFXTV	WILMINGTON NC	166.6	PLN	DTVPLN -NPLN1282
27	WRDC-DT	DURHAM NC	85.7	PLN	DTVPLN -DTVP0677
28	WRDC	DURHAM NC	85.7	PLN	DTVPLN -NPLN1335

Figure 2
Sheet 9 of 25

32	WITN-DT	WASHINGTON NC	27.8	PLN	DTVPLN	-DTVP0869
39	WUNP-DT	ROANOKE RAPIDS NC	85.0	PLN	DTVPLN	-DTVP1097
39	WUNJTV	WILMINGTON NC	166.6	PLN	DTVPLN	-NPLN1565
40	WKFT	FAYETTEVILLE NC	124.6	PLN	DTVPLN	-NPLN1588

Results for: 25N NC GREENVILLE

	DTVPLN	NPLN1252	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	645056	15454.3	
not affected by terrain losses	645003	15453.3	
lost to NTSC IX	46528	1138.7	
lost to additional IX by ATV	11107	323.6	
lost to all IX	57635	1462.3	

Analysis of current record

Channel	Call	City/State	Application Ref. No.
23	WUNK-TV	GREENVILLE NC	BLEDT -20021007ABG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
22	WLFL	RALEIGH NC	111.2	LIC	BLCT -19861113KR
22	WRIC-TV	PETERSBURG VA	217.8	LIC	BLCDT -20021112ACD
22	WRIC-DT	PETERSBURG VA	217.9	PLN	DTVPLN -DTVP0509
23	WBTV-DT	CHARLOTTE NC	325.3	PLN	DTVPLN -DTVP0529
23	WHMC	CONWAY SC	225.2	CP	BPET -20050104AAW
23	WCVE-TV	RICHMOND VA	217.8	LIC	BLET -20030520AKD
24	WFPX-TV	FAYETTEVILLE NC	153.0	APP	BPRM -20020327ABP
24	WFXI-DT	MOREHEAD CITY NC	124.2	PLN	DTVPLN -DTVP0575
24	WFXI	MOREHEAD CITY NC	124.2	CP	BPCDT -19991029AFA
24	WDRL-TV	DANVILLE VA	199.0	LIC	BLCT -19940818KF
24	WCVE-DT	RICHMOND VA	217.9	PLN	DTVPLN -DTVP0588
23	WITD-CA	CHESAPEAKE VA	171.5	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
23	WUNK-DT	GREENVILLE NC	DTVPLN -DTVP0530

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
22	WLFL	RALEIGH NC	111.4	LIC	BLCT -19861113KR
22	WRIC-TV	PETERSBURG VA	218.1	LIC	BLCDT -20021112ACD
22	WRIC-DT	PETERSBURG VA	218.1	PLN	DTVPLN -DTVP0509
23	WBTV-DT	CHARLOTTE NC	325.3	PLN	DTVPLN -DTVP0529
23	WHMC	CONWAY SC	225.0	CP	BPET -20050104AAW
23	WCVE-TV	RICHMOND VA	218.1	LIC	BLET -20030520AKD
24	WFPX-TV	FAYETTEVILLE NC	153.0	APP	BPRM -20020327ABP
24	WFXI-DT	MOREHEAD CITY NC	124.0	PLN	DTVPLN -DTVP0575
24	WFXI	MOREHEAD CITY NC	124.0	CP	BPCDT -19991029AFA
24	WDRL-TV	DANVILLE VA	199.3	LIC	BLCT -19940818KF
24	WCVE-DT	RICHMOND VA	218.1	PLN	DTVPLN -DTVP0588
23	WITD-CA	CHESAPEAKE VA	171.7	APP	USERRECORD-01

Proposal causes no interference

#####

Figure 2
Sheet 10 of 25

Analysis of Interference to Affected Station 10

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
27	WGNT	PORTSMOUTH VA	DTVPLN -NPLN1319

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	WGNT-DT	PORTSMOUTH VA	0.0	PLN	DTVPLN -DTVP0376
20	WUND-DT	COLUMBIA NC	101.9	PLN	DTVPLN -DTVP0407
24	WCVE-DT	RICHMOND VA	127.4	PLN	DTVPLN -DTVP0588
25	WTVR-DT	RICHMOND VA	122.8	PLN	DTVPLN -DTVP0622
26	WRLH-DT	RICHMOND VA	134.0	PLN	DTVPLN -DTVP0657
27	WETA-DT	WASHINGTON DC	245.7	PLN	DTVPLN -DTVP0667
27	WRDC-DT	DURHAM NC	224.6	PLN	DTVPLN -DTVP0677
27	WGTW-DT	BURLINGTON NJ	374.6	PLN	DTVPLN -DTVP0678
27	WHTMTV	HARRISBURG PA	391.7	PLN	DTVPLN -NPLN1315
27	WFXRTV	ROANOKE VA	330.4	PLN	DTVPLN -NPLN1320
28	WCPB	SALISBURY MD	191.0	PLN	DTVPLN -NPLN1333
29	WVBT-DT	VIRGINIA BEACH VA	4.4	PLN	DTVPLN -DTVP0771
31	WAVY-DT	PORTSMOUTH VA	4.4	PLN	DTVPLN -DTVP0846
35	WRLHTV	RICHMOND VA	134.0	PLN	DTVPLN -NPLN1509
41	WVEC-DT	HAMPTON VA	0.7	PLN	DTVPLN -DTVP1178

Results for: 27N VA PORTSMOUTH	DTVPLN	NPLN1319	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1566163	18905.2	
not affected by terrain losses	1566163	18905.2	
lost to NTSC IX	0	1.0	
lost to additional IX by ATV	959	74.2	
lost to all IX	959	75.2	

Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	WGNT	PORTSMOUTH VA	BMLCT -20020718AAB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	WGNT-DT	PORTSMOUTH VA	0.1	PLN	DTVPLN -DTVP0376
20	WUND-DT	COLUMBIA NC	101.9	PLN	DTVPLN -DTVP0407
20	WUND-TV	EDENTON NC	101.9	LIC	BLEDT -20051011AGU
24	WCVE-DT	RICHMOND VA	127.5	PLN	DTVPLN -DTVP0588
25	WTVR-TV	RICHMOND VA	127.4	LIC	BLCDT -20021204ABA
25	WTVR-DT	RICHMOND VA	122.9	PLN	DTVPLN -DTVP0622
26	WRLH-DT	RICHMOND VA	134.1	PLN	DTVPLN -DTVP0657
26	WRLH-TV	RICHMOND VA	127.4	CP MOD	BMPCDT -20040507ABE
27	WETA-TV	WASHINGTON DC	243.8	CP	BPEDT -20040426ABF
27	WETA-DT	WASHINGTON DC	245.7	PLN	DTVPLN -DTVP0667
27	WETA-TV	WASHINGTON DC	238.5	LIC	BLEDT -19981207KF
27	WRDC	DURHAM NC	224.2	CP	BPCDT -19991029ACD
27	WRDC-DT	DURHAM NC	224.7	PLN	DTVPLN -DTVP0677
27	WGTW-TV	BURLINGTON NJ	374.5	LIC	BLCDT -20060105AAR
27	WGTW-DT	BURLINGTON NJ	374.5	PLN	DTVPLN -DTVP0678
27	WHTMTV	HARRISBURG PA	391.8	LIC	BLCT -19960626KF
27	WFXR-TV	ROANOKE VA	330.5	LIC	BMLCT -19940217KE
28	WCPB	SALISBURY MD	191.0	LIC	BLET -19950629KE
29	WVBT	VIRGINIA BEACH VA	4.5	LIC	BLCDT -20020326ABB
29	WVBT-DT	VIRGINIA BEACH VA	4.5	PLN	DTVPLN -DTVP0771
31	WAVY-TV	PORTSMOUTH VA	4.5	LIC	BLCDT -20010409ABP

Figure 2
Sheet 11 of 25

31	WAVY-DT	PORTSMOUTH VA	4.5	PLN	DTVPLN	-DTVP0846
35	WRLH-TV	RICHMOND VA	134.1	LIC	BLCT	-19870930LA
41	WVEC-TV	HAMPTON VA	0.7	LIC	BLCDT	-20020412AAT
41	WVEC-DT	HAMPTON VA	0.7	PLN	DTVPLN	-DTVP1178
42	WCVE	RICHMOND VA	127.5	LIC	BPRM	-20000413AAL
42	WCVE-TV	RICHMOND VA	127.4	LIC	BLCDT	-20050606AHG
23	WITD-CA	CHESAPEAKE VA	4.5	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1
 Scenario 1 Affected station 10 WGNT
 Before Analysis

Results for: 27N VA PORTSMOUTH BMLCT 20020718AAB LIC
 POPULATION AREA (sq km)
 within Noise Limited Contour 1565928 18904.2
 not affected by terrain losses 1565928 18904.2
 lost to NTSC IX 0 0.0
 lost to additional IX by ATV 13694 619.3
 lost to all IX 13694 619.3

Potential Interfering Stations Included in above Scenario 1

26A VA RICHMOND	BMPCDT	20040507ABE	CP
27A NC DURHAM	BPCDT	19991029ACD	CP
31A VA PORTSMOUTH	BLCDT	20010409ABP	LIC

After Analysis

Results for: 27N VA PORTSMOUTH BMLCT 20020718AAB LIC
 POPULATION AREA (sq km)
 within Noise Limited Contour 1565928 18904.2
 not affected by terrain losses 1565928 18904.2
 lost to NTSC IX 0 0.0
 lost to additional IX by ATV 13694 619.3
 lost to all IX 13694 619.3

Potential Interfering Stations Included in above Scenario 1

26A VA RICHMOND	BMPCDT	20040507ABE	CP
27A NC DURHAM	BPCDT	19991029ACD	CP
31A VA PORTSMOUTH	BLCDT	20010409ABP	LIC

Result key: 2
 Scenario 2 Affected station 10 WGNT
 Before Analysis

Results for: 27N VA PORTSMOUTH BMLCT 20020718AAB LIC
 POPULATION AREA (sq km)
 within Noise Limited Contour 1565928 18904.2
 not affected by terrain losses 1565928 18904.2
 lost to NTSC IX 0 0.0
 lost to additional IX by ATV 1848 223.7
 lost to all IX 1848 223.7

Potential Interfering Stations Included in above Scenario 2

26A VA RICHMOND	BMPCDT	20040507ABE	CP
27A NC DURHAM	DTVPLN	DTVP0677	PLN
31A VA PORTSMOUTH	BLCDT	20010409ABP	LIC

Figure 2
Sheet 12 of 25

After Analysis

Results for: 27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1565928	18904.2	
not affected by terrain losses	1565928	18904.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1848	223.7	
lost to all IX	1848	223.7	

Potential Interfering Stations Included in above Scenario 2

26A VA RICHMOND	BMPCDT	20040507ABE	CP
27A NC DURHAM	DTVPLN	DTVP0677	PLN
31A VA PORTSMOUTH	BLCDT	20010409ABP	LIC

#####

Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
23	WITD-CA	CHESAPEAKE VA	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	WHRO-TV	HAMPTON-NORFOLK VA	1.5	LIC	BLEDT -20020604AAB
16	WHRO-DT	HAMPTON-NORFOLK VA	1.5	PLN	DTVPLN -DTVP0245
16	WHRO-TV	HAMPTON-NORFOLK VA	1.5	CP MOD	BMPEDT -20000428ADG
19	WGNT-DT	PORTSMOUTH VA	4.4	PLN	DTVPLN -DTVP0376
20	WUND-DT	COLUMBIA NC	103.4	PLN	DTVPLN -DTVP0407
20	WUND-TV	EDENTON NC	103.4	LIC	BLEDT -20051011AGU
21	961001XL	VIRGINIA BEACH VA	0.0	APP	BPCT -19961001XL
21	960718KR	VIRGINIA BEACH VA	37.1	APP	BPCT -19960718KR
21	961001XY	VIRGINIA BEACH VA	21.5	APP	BPCT -19961001XY
21	960404LP	VIRGINIA BEACH VA	19.8	APP	BPCT -19960404LP
21	960111LA	VIRGINIA BEACH VA	33.1	APP	BPCT -19960111LA
21	960919KO	VIRGINIA BEACH VA	26.0	APP	BPCT -19960919KO
21	960724LD	VIRGINIA BEACH VA	26.0	APP	BPCT -19960724LD
21	WHRE	VIRGINIA BEACH VA	1.5	LIC	BLCT -20060329AGW
21	960724LM	VIRGINIA BEACH VA	41.7	APP	BPCT -19960724LM
21	960925KE	VIRGINIA BEACH VA	35.7	APP	BPCT -19960925KE
21	960724LL	VIRGINIA BEACH VA	45.2	APP	BPCT -19960724LL
21	960724LE	VIRGINIA BEACH VA	1.5	APP	BPCT -19960724LE
21	960723KW	VIRGINIA BEACH VA	33.1	APP	BPCT -19960723KW
22	WRIC-TV	PETERSBURG VA	123.4	LIC	BLCDT -20021112ACD
22	WRIC-DT	PETERSBURG VA	123.5	PLN	DTVPLN -DTVP0509
23	W23CX	SALISBURY MD	194.0	CP	BNPTTL -20000829AFJ
23	WUNK-TV	GREENVILLE NC	171.5	LIC	BLEDT -20021007ABG
23	WUNK-DT	GREENVILLE NC	171.7	PLN	DTVPLN -DTVP0530
23	WNJS	CAMDEN NJ	354.4	LIC	BLET -19860630KO
23	WLYH-TV	LANCASTER PA	382.6	LIC	BLCDT -20040922AAC
23	WLYH-DT	LANCASTER PA	382.6	PLN	DTVPLN -DTVP0539
23	WCVE-TV	RICHMOND VA	123.4	LIC	BLET -20030520AKD
24	WCVE-DT	RICHMOND VA	123.5	PLN	DTVPLN -DTVP0588
25	WTVR-TV	RICHMOND VA	123.4	LIC	BLCDT -20021204ABA
25	WTVR-DT	RICHMOND VA	119.1	PLN	DTVPLN -DTVP0622
26	WRLH-DT	RICHMOND VA	130.0	PLN	DTVPLN -DTVP0657
26	WRLH-TV	RICHMOND VA	123.4	CP MOD	BMPCDT -20040507ABE
27	WGNT	PORTSMOUTH VA	4.5	LIC	BMLCT -20020718AAB

Figure 2
Sheet 13 of 25

31	WAVY-TV	PORTSMOUTH VA	0.0	LIC	BLCDT	-20010409ABP
31	WAVY-DT	PORTSMOUTH VA	0.0	PLN	DTVPLN	-DTVP0846
38	WTVZ-TV	NORFOLK VA	1.5	CP MOD	BMPCTD	-20010730ABJ
38	WTVZ-DT	NORFOLK VA	1.5	PLN	DTVPLN	-DTVP1074
38	WTVZ-TV	NORFOLK VA	1.5	APP	BMPCTD	-20060629AAS

Total scenarios = 36

Result key: 3
 Scenario 1 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE

	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	689280	1800.6
not affected by terrain losses	689280	1800.6
lost to NTSC IX	16854	80.2
lost to additional IX by ATV	0	0.0
lost to all IX	16854	80.2

Potential Interfering Stations Included in above Scenario 1

21N VA VIRGINIA BEACH	BLCT	20060329AGW	LIC
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BLEDT	20020604AAB	LIC
38A VA NORFOLK	BMPCTD	20010730ABJ	CP

Result key: 4
 Scenario 2 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE

	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	689280	1800.6
not affected by terrain losses	689280	1800.6
lost to NTSC IX	16854	80.2
lost to additional IX by ATV	0	0.0
lost to all IX	16854	80.2

Potential Interfering Stations Included in above Scenario 2

21N VA VIRGINIA BEACH	BLCT	20060329AGW	LIC
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BMPEDT	20000428ADG	CP
38A VA NORFOLK	BMPCTD	20010730ABJ	CP

Result key: 5
 Scenario 3 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE

	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	689280	1800.6
not affected by terrain losses	689280	1800.6
lost to NTSC IX	19025	119.3
lost to additional IX by ATV	43	1.0
lost to all IX	19068	120.2

Potential Interfering Stations Included in above Scenario 3

Figure 2
Sheet 14 of 25

21N VA VIRGINIA BEACH	BPCT	19961001XL	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BLEDT	20020604AAB	LIC
38A VA NORFOLK	BMPCT	20010730ABJ	CP

Result key: 6
 Scenario 4 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01	APP
		POPULATION	AREA (sq km)
within Noise Limited Contour		689280	1800.6
not affected by terrain losses		689280	1800.6
lost to NTSC IX		19025	119.3
lost to additional IX by ATV		43	1.0
lost to all IX		19068	120.2

Potential Interfering Stations Included in above Scenario 4

21N VA VIRGINIA BEACH	BPCT	19961001XL	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BLEDT	20020604AAB	LIC
38A VA NORFOLK	BMPCT	20060629AAS	APP

Result key: 7
 Scenario 5 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01	APP
		POPULATION	AREA (sq km)
within Noise Limited Contour		689280	1800.6
not affected by terrain losses		689280	1800.6
lost to NTSC IX		19025	119.3
lost to additional IX by ATV		43	1.0
lost to all IX		19068	120.2

Potential Interfering Stations Included in above Scenario 5

21N VA VIRGINIA BEACH	BPCT	19961001XL	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BMPEDT	20000428ADG	CP
38A VA NORFOLK	BMPCT	20010730ABJ	CP

Result key: 8
 Scenario 6 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01	APP
		POPULATION	AREA (sq km)
within Noise Limited Contour		689280	1800.6
not affected by terrain losses		689280	1800.6
lost to NTSC IX		19025	119.3
lost to additional IX by ATV		43	1.0
lost to all IX		19068	120.2

Potential Interfering Stations Included in above Scenario 6

21N VA VIRGINIA BEACH	BPCT	19961001XL	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC

Figure 2
Sheet 15 of 25

16A VA HAMPTON-NORFOLK	BMPEDT	20000428ADG	CP
38A VA NORFOLK	BMPCT	20060629AAS	APP

Result key: 9
 Scenario 7 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE

	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	689280	1800.6
not affected by terrain losses	689280	1800.6
lost to NTSC IX	142950	168.1
lost to additional IX by ATV	43	1.0
lost to all IX	142993	169.1

Potential Interfering Stations Included in above Scenario 7

21N VA VIRGINIA BEACH	BPCT	19961001XY	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BLEDT	20020604AAB	LIC
38A VA NORFOLK	BMPCT	20010730ABJ	CP

Result key: 10
 Scenario 8 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE

	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	689280	1800.6
not affected by terrain losses	689280	1800.6
lost to NTSC IX	142950	168.1
lost to additional IX by ATV	43	1.0
lost to all IX	142993	169.1

Potential Interfering Stations Included in above Scenario 8

21N VA VIRGINIA BEACH	BPCT	19961001XY	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BLEDT	20020604AAB	LIC
38A VA NORFOLK	BMPCT	20060629AAS	APP

Result key: 11
 Scenario 9 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE

	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	689280	1800.6
not affected by terrain losses	689280	1800.6
lost to NTSC IX	142950	168.1
lost to additional IX by ATV	43	1.0
lost to all IX	142993	169.1

Potential Interfering Stations Included in above Scenario 9

21N VA VIRGINIA BEACH	BPCT	19961001XY	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BMPEDT	20000428ADG	CP
38A VA NORFOLK	BMPCT	20010730ABJ	CP

Figure 2
Sheet 16 of 25

Result key: 12
 Scenario 10 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01		APP
		POPULATION	AREA (sq km)	
within Noise Limited Contour	689280	1800.6		
not affected by terrain losses	689280	1800.6		
lost to NTSC IX	142950	168.1		
lost to additional IX by ATV	43	1.0		
lost to all IX	142993	169.1		

Potential Interfering Stations Included in above Scenario 10

21N VA VIRGINIA BEACH	BPCT	19961001XY	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BMPEDT	20000428ADG	CP
38A VA NORFOLK	BMPCDT	20060629AAS	APP

Result key: 13
 Scenario 11 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01		APP
		POPULATION	AREA (sq km)	
within Noise Limited Contour	689280	1800.6		
not affected by terrain losses	689280	1800.6		
lost to NTSC IX	17339	80.2		
lost to additional IX by ATV	43	1.0		
lost to all IX	17382	81.1		

Potential Interfering Stations Included in above Scenario 11

21N VA VIRGINIA BEACH	BPCT	19960404LP	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BLEDT	20020604AAB	LIC
38A VA NORFOLK	BMPCDT	20010730ABJ	CP

Result key: 14
 Scenario 12 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01		APP
		POPULATION	AREA (sq km)	
within Noise Limited Contour	689280	1800.6		
not affected by terrain losses	689280	1800.6		
lost to NTSC IX	17339	80.2		
lost to additional IX by ATV	43	1.0		
lost to all IX	17382	81.1		

Potential Interfering Stations Included in above Scenario 12

21N VA VIRGINIA BEACH	BPCT	19960404LP	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BLEDT	20020604AAB	LIC
38A VA NORFOLK	BMPCDT	20060629AAS	APP

Result key: 15
 Scenario 13 Affected station 11 WITD-CA
 Before Analysis

Figure 2
Sheet 17 of 25

Results for: 23N VA CHESAPEAKE

	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	689280	1800.6
not affected by terrain losses	689280	1800.6
lost to NTSC IX	17339	80.2
lost to additional IX by ATV	43	1.0
lost to all IX	17382	81.1

Potential Interfering Stations Included in above Scenario 13

21N VA VIRGINIA BEACH	BPCT	19960404LP	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BMPEDT	20000428ADG	CP
38A VA NORFOLK	BMPCDT	20010730ABJ	CP

Result key: 16
 Scenario 14 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE

	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	689280	1800.6
not affected by terrain losses	689280	1800.6
lost to NTSC IX	17339	80.2
lost to additional IX by ATV	43	1.0
lost to all IX	17382	81.1

Potential Interfering Stations Included in above Scenario 14

21N VA VIRGINIA BEACH	BPCT	19960404LP	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BMPEDT	20000428ADG	CP
38A VA NORFOLK	BMPCDT	20060629AAS	APP

Result key: 17
 Scenario 15 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE

	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	689280	1800.6
not affected by terrain losses	689280	1800.6
lost to NTSC IX	17485	78.2
lost to additional IX by ATV	43	1.0
lost to all IX	17528	79.2

Potential Interfering Stations Included in above Scenario 15

21N VA VIRGINIA BEACH	BPCT	19960111LA	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BLEDT	20020604AAB	LIC
38A VA NORFOLK	BMPCDT	20010730ABJ	CP

Result key: 18
 Scenario 16 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE

	USERRECORD01	APP
	POPULATION	AREA (sq km)

Figure 2
Sheet 18 of 25

within Noise Limited Contour	689280	1800.6
not affected by terrain losses	689280	1800.6
lost to NTSC IX	17485	78.2
lost to additional IX by ATV	43	1.0
lost to all IX	17528	79.2

Potential Interfering Stations Included in above Scenario 16

21N VA VIRGINIA BEACH	BPCT	19960111LA	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BLEDT	20020604AAB	LIC
38A VA NORFOLK	BMPCT	20060629AAS	APP

Result key: 19
 Scenario 17 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01	APP
		POPULATION	AREA (sq km)
within Noise Limited Contour		689280	1800.6
not affected by terrain losses		689280	1800.6
lost to NTSC IX		17485	78.2
lost to additional IX by ATV		43	1.0
lost to all IX		17528	79.2

Potential Interfering Stations Included in above Scenario 17

21N VA VIRGINIA BEACH	BPCT	19960111LA	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BMPEDT	20000428ADG	CP
38A VA NORFOLK	BMPCT	20010730ABJ	CP

Result key: 20
 Scenario 18 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01	APP
		POPULATION	AREA (sq km)
within Noise Limited Contour		689280	1800.6
not affected by terrain losses		689280	1800.6
lost to NTSC IX		17485	78.2
lost to additional IX by ATV		43	1.0
lost to all IX		17528	79.2

Potential Interfering Stations Included in above Scenario 18

21N VA VIRGINIA BEACH	BPCT	19960111LA	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BMPEDT	20000428ADG	CP
38A VA NORFOLK	BMPCT	20060629AAS	APP

Result key: 21
 Scenario 19 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01	APP
		POPULATION	AREA (sq km)
within Noise Limited Contour		689280	1800.6
not affected by terrain losses		689280	1800.6
lost to NTSC IX		27030	107.5

Figure 2
Sheet 19 of 25

lost to additional IX by ATV	43	1.0	
lost to all IX	27073	108.5	
Potential Interfering Stations Included in above Scenario			19
21N VA VIRGINIA BEACH	BPCT	19960919KO	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BLEDT	20020604AAB	LIC
38A VA NORFOLK	BMPCDT	20010730ABJ	CP
Result key:	22		
Scenario	20	Affected station	11 WITD-CA
Before Analysis			
Results for: 23N VA CHESAPEAKE	USERRECORD01		APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	689280	1800.6	
not affected by terrain losses	689280	1800.6	
lost to NTSC IX	27030	107.5	
lost to additional IX by ATV	43	1.0	
lost to all IX	27073	108.5	
Potential Interfering Stations Included in above Scenario			20
21N VA VIRGINIA BEACH	BPCT	19960919KO	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BLEDT	20020604AAB	LIC
38A VA NORFOLK	BMPCDT	20060629AAS	APP
Result key:	23		
Scenario	21	Affected station	11 WITD-CA
Before Analysis			
Results for: 23N VA CHESAPEAKE	USERRECORD01		APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	689280	1800.6	
not affected by terrain losses	689280	1800.6	
lost to NTSC IX	27030	107.5	
lost to additional IX by ATV	43	1.0	
lost to all IX	27073	108.5	
Potential Interfering Stations Included in above Scenario			21
21N VA VIRGINIA BEACH	BPCT	19960919KO	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BMPEDT	20000428ADG	CP
38A VA NORFOLK	BMPCDT	20010730ABJ	CP
Result key:	24		
Scenario	22	Affected station	11 WITD-CA
Before Analysis			
Results for: 23N VA CHESAPEAKE	USERRECORD01		APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	689280	1800.6	
not affected by terrain losses	689280	1800.6	
lost to NTSC IX	27030	107.5	
lost to additional IX by ATV	43	1.0	
lost to all IX	27073	108.5	

Figure 2
Sheet 20 of 25

Potential Interfering Stations Included in above Scenario 22

21N VA VIRGINIA BEACH	BPCT	19960919KO	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BMPEDT	20000428ADG	CP
38A VA NORFOLK	BMPCT	20060629AAS	APP

Result key: 25
 Scenario 23 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01	APP
		POPULATION	AREA (sq km)
within Noise Limited Contour		689280	1800.6
not affected by terrain losses		689280	1800.6
lost to NTSC IX		29030	112.4
lost to additional IX by ATV		43	1.0
lost to all IX		29073	113.4

Potential Interfering Stations Included in above Scenario 23

21N VA VIRGINIA BEACH	BPCT	19960724LD	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BLEDT	20020604AAB	LIC
38A VA NORFOLK	BMPCT	20010730ABJ	CP

Result key: 26
 Scenario 24 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01	APP
		POPULATION	AREA (sq km)
within Noise Limited Contour		689280	1800.6
not affected by terrain losses		689280	1800.6
lost to NTSC IX		29030	112.4
lost to additional IX by ATV		43	1.0
lost to all IX		29073	113.4

Potential Interfering Stations Included in above Scenario 24

21N VA VIRGINIA BEACH	BPCT	19960724LD	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BLEDT	20020604AAB	LIC
38A VA NORFOLK	BMPCT	20060629AAS	APP

Result key: 27
 Scenario 25 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01	APP
		POPULATION	AREA (sq km)
within Noise Limited Contour		689280	1800.6
not affected by terrain losses		689280	1800.6
lost to NTSC IX		29030	112.4
lost to additional IX by ATV		43	1.0
lost to all IX		29073	113.4

Potential Interfering Stations Included in above Scenario 25

21N VA VIRGINIA BEACH	BPCT	19960724LD	APP
-----------------------	------	------------	-----

Figure 2
Sheet 21 of 25

23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BMPEDT	20000428ADG	CP
38A VA NORFOLK	BMPCT	20010730ABJ	CP

Result key: 28
 Scenario 26 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01	APP
		POPULATION	AREA (sq km)
within Noise Limited Contour		689280	1800.6
not affected by terrain losses		689280	1800.6
lost to NTSC IX		29030	112.4
lost to additional IX by ATV		43	1.0
lost to all IX		29073	113.4

Potential Interfering Stations Included in above Scenario 26

21N VA VIRGINIA BEACH	BPCT	19960724LD	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BMPEDT	20000428ADG	CP
38A VA NORFOLK	BMPCT	20060629AAS	APP

Result key: 29
 Scenario 27 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01	APP
		POPULATION	AREA (sq km)
within Noise Limited Contour		689280	1800.6
not affected by terrain losses		689280	1800.6
lost to NTSC IX		16854	80.2
lost to additional IX by ATV		0	0.0
lost to all IX		16854	80.2

Potential Interfering Stations Included in above Scenario 27

21N VA VIRGINIA BEACH	BLCT	20060329AGW	LIC
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BLEDT	20020604AAB	LIC
38A VA NORFOLK	BMPCT	20060629AAS	APP

Result key: 30
 Scenario 28 Affected station 11 WITD-CA
 Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01	APP
		POPULATION	AREA (sq km)
within Noise Limited Contour		689280	1800.6
not affected by terrain losses		689280	1800.6
lost to NTSC IX		16854	80.2
lost to additional IX by ATV		0	0.0
lost to all IX		16854	80.2

Potential Interfering Stations Included in above Scenario 28

21N VA VIRGINIA BEACH	BLCT	20060329AGW	LIC
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BMPEDT	20000428ADG	CP

Figure 2
Sheet 22 of 25

38A VA NORFOLK BMPCDT 20060629AAS APP

Result key: 31
Scenario 29 Affected station 11 WITD-CA
Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01		APP
		POPULATION	AREA (sq km)	
within Noise Limited Contour		689280	1800.6	
not affected by terrain losses		689280	1800.6	
lost to NTSC IX		19238	121.2	
lost to additional IX by ATV		0	0.0	
lost to all IX		19238	121.2	

Potential Interfering Stations Included in above Scenario 29

21N VA VIRGINIA BEACH	BPCT	19960724LE	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BLEDT	20020604AAB	LIC
38A VA NORFOLK	BMPCDT	20010730ABJ	CP

Result key: 32
Scenario 30 Affected station 11 WITD-CA
Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01		APP
		POPULATION	AREA (sq km)	
within Noise Limited Contour		689280	1800.6	
not affected by terrain losses		689280	1800.6	
lost to NTSC IX		19238	121.2	
lost to additional IX by ATV		0	0.0	
lost to all IX		19238	121.2	

Potential Interfering Stations Included in above Scenario 30

21N VA VIRGINIA BEACH	BPCT	19960724LE	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BLEDT	20020604AAB	LIC
38A VA NORFOLK	BMPCDT	20060629AAS	APP

Result key: 33
Scenario 31 Affected station 11 WITD-CA
Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01		APP
		POPULATION	AREA (sq km)	
within Noise Limited Contour		689280	1800.6	
not affected by terrain losses		689280	1800.6	
lost to NTSC IX		19238	121.2	
lost to additional IX by ATV		0	0.0	
lost to all IX		19238	121.2	

Potential Interfering Stations Included in above Scenario 31

21N VA VIRGINIA BEACH	BPCT	19960724LE	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BMPCDT	20000428ADG	CP
38A VA NORFOLK	BMPCDT	20010730ABJ	CP

Result key: 34

Figure 2
Sheet 23 of 25

Scenario 32 Affected station 11 WITD-CA
Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01		APP
		POPULATION	AREA (sq km)	
within Noise Limited Contour		689280	1800.6	
not affected by terrain losses		689280	1800.6	
lost to NTSC IX		19238	121.2	
lost to additional IX by ATV		0	0.0	
lost to all IX		19238	121.2	

Potential Interfering Stations Included in above Scenario 32

21N VA VIRGINIA BEACH	BPCT	19960724LE	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BMPEDT	20000428ADG	CP
38A VA NORFOLK	BMPCT	20060629AAS	APP

Result key: 35
Scenario 33 Affected station 11 WITD-CA
Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01		APP
		POPULATION	AREA (sq km)	
within Noise Limited Contour		689280	1800.6	
not affected by terrain losses		689280	1800.6	
lost to NTSC IX		18292	79.2	
lost to additional IX by ATV		43	1.0	
lost to all IX		18335	80.2	

Potential Interfering Stations Included in above Scenario 33

21N VA VIRGINIA BEACH	BPCT	19960723KW	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BLEDT	20020604AAB	LIC
38A VA NORFOLK	BMPCT	20010730ABJ	CP

Result key: 36
Scenario 34 Affected station 11 WITD-CA
Before Analysis

Results for: 23N VA CHESAPEAKE		USERRECORD01		APP
		POPULATION	AREA (sq km)	
within Noise Limited Contour		689280	1800.6	
not affected by terrain losses		689280	1800.6	
lost to NTSC IX		18292	79.2	
lost to additional IX by ATV		43	1.0	
lost to all IX		18335	80.2	

Potential Interfering Stations Included in above Scenario 34

21N VA VIRGINIA BEACH	BPCT	19960723KW	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BLEDT	20020604AAB	LIC
38A VA NORFOLK	BMPCT	20060629AAS	APP

Result key: 37
Scenario 35 Affected station 11 WITD-CA
Before Analysis

Figure 2
Sheet 24 of 25

Results for: 23N VA CHESAPEAKE	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	689280	1800.6
not affected by terrain losses	689280	1800.6
lost to NTSC IX	18292	79.2
lost to additional IX by ATV	43	1.0
lost to all IX	18335	80.2

Potential Interfering Stations Included in above Scenario 35

21N VA VIRGINIA BEACH	BPCT	19960723KW	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BMPEDT	20000428ADG	CP
38A VA NORFOLK	BMPCDT	20010730ABJ	CP

Result key: 38

Scenario 36 Affected station 11 WITD-CA
Before Analysis

Results for: 23N VA CHESAPEAKE	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	689280	1800.6
not affected by terrain losses	689280	1800.6
lost to NTSC IX	18292	79.2
lost to additional IX by ATV	43	1.0
lost to all IX	18335	80.2

Potential Interfering Stations Included in above Scenario 36

21N VA VIRGINIA BEACH	BPCT	19960723KW	APP
23N VA RICHMOND	BLET	20030520AKD	LIC
27N VA PORTSMOUTH	BMLCT	20020718AAB	LIC
16A VA HAMPTON-NORFOLK	BMPEDT	20000428ADG	CP
38A VA NORFOLK	BMPCDT	20060629AAS	APP

Proposal fails scenario 7 received IX increased to 18.8%

Proposal fails scenario 8 received IX increased to 18.8%

Proposal fails scenario 9 received IX increased to 18.8%

Proposal fails scenario 10 received IX increased to 18.8%

Proposal is MX with BPCT 19961001XY in scenario 7

Proposal is MX with BPCT 19961001XY in scenario 9

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

Summary of Calculations

1 21 961001XL	VIRGINIA BEACH VA	0.0 APP	BPCT	-19961001XL
2 21 961001XY	VIRGINIA BEACH VA	21.5 APP	BPCT	-19961001XY
3 21 960404LP	VIRGINIA BEACH VA	19.8 APP	BPCT	-19960404LP
4 21 960919KO	VIRGINIA BEACH VA	26.0 APP	BPCT	-19960919KO
5 21 960724LD	VIRGINIA BEACH VA	26.0 APP	BPCT	-19960724LD
6 21 WHRE	VIRGINIA BEACH VA	1.5 LIC	BLCT	-20060329AGW
7 21 960724LE	VIRGINIA BEACH VA	1.5 APP	BPCT	-19960724LE
8 23 WUNK-TV	GREENVILLE NC	171.5 LIC	BLEDT	-20021007ABG
9 23 WUNK-DT	GREENVILLE NC	171.7 PLN	DTVPLN	-DTVP0530
10 27 WGNT	PORTSMOUTH VA	4.5 LIC	BMLCT	-20020718AAB

Result Key Scenario	Affected Station	Before	After	Baseline	Net Change	Percentage
---------------------	------------------	--------	-------	----------	------------	------------

There is no interference to station 1

There is no interference to station 2

There is no interference to station 3

There is no interference to station 4

There is no interference to station 5

There is no interference to station 6

There is no interference to station 7

There is no interference to station 8

There is no interference to station 9

1	1	10	13694	13694	1565928	0	0
---	---	----	-------	-------	---------	---	---

Cannot calculate maximum change for station 11

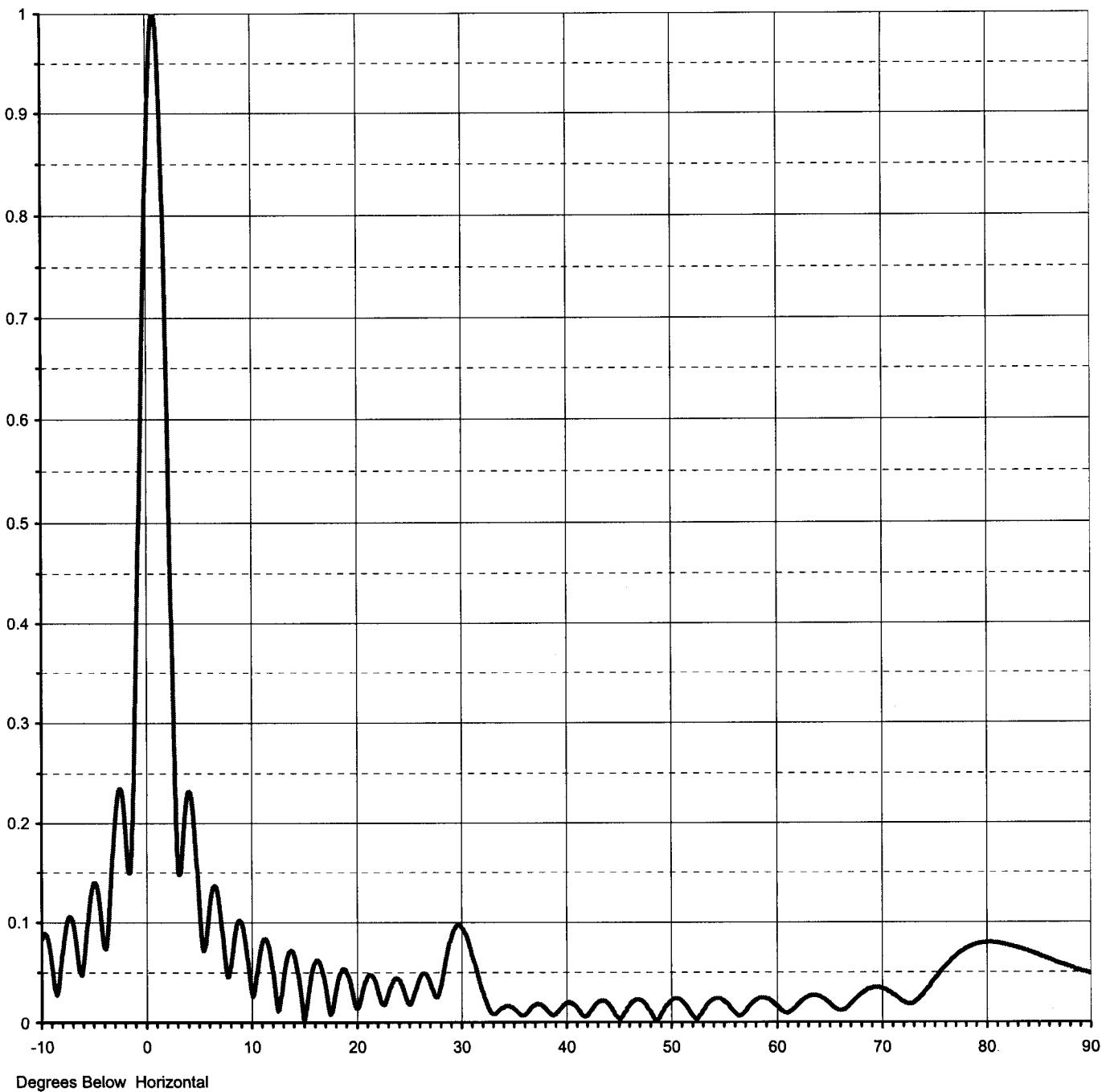
Figure 3

Dielectric

Proposal Number **DCA-11273** Revision: **1**
 Date **3-Mar-06**
 Call Letters **WITD-CA** Channel **23**
 Location
 Customer
 Antenna Type **TUA-C2SP-12/24M-1-N**

ELEVATION PATTERN

RMS Gain at Main Lobe	24.60 (13.91 dB)	Beam Tilt	0.75 deg
RMS Gain at Horizontal	17.60 (12.46 dB)	Frequency	527.00 MHz
Calculated / Measured	Calculated	Drawing #	12U246075-90



Degrees Below Horizontal