

tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: W08BP CP MOD 1-17-20, Model: Longley-Rice
Start: 2020.01.29 16:24:29

Study last edited: 2020.01.29 16:24:24

Proposal: W08BP-D D35 LD CP BEAVER DAM, NC
File number: W08BP CP MOD
Facility ID: 66394
Station data: User record
Record ID: 647
Country: U.S.

Proposal "before": (none)

Study has been edited. Stations studied for impact of proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
W34DX-D	D34	LD	LIC	WEST ASHEVILLE, NC	BLDTT20130530AGK	17.6 km
WVLT-TV	D34	DT	LIC	KNOXVILLE, TN	BLANK0000081956	141.7
W35CO-D	D35-	LD	LIC	BURNSVILLE, NC	BLDTT20090615AAS	49.0
WFMY-TV	D35	DT	CP	GREENSBORO, NC	BLANK0000028086	242.7
WMYA-TV	D35	DT	CP	ANDERSON, SC	BLANK0000034497	99.9
WCYB-TV	D35	LD	CP	BRISTOL, VA	BLANK0000054449	108.2
WASV-LP	D36	LD	CP	ASHEVILLE, NC	BLANK0000055083	17.5
WUNE-TV	D36	DT	CP	LINVILLE, NC	BLANK0000034440	83.8
WVLR	D36	DT	CP	TAZEWELL, TN	BLANK0000025318	130.4

Record parameters as studied:

Channel: D35
Mask: Full Service
Latitude: 35 31 39.40 N (NAD83)
Longitude: 82 29 43.40 W
Height AMSL: 1073.1 m
HAAT: 344.2 m
Peak ERP: 15.0 kW
Antenna: ERI-AL80C 0.0 deg
Elev Pattn: Generic
Elec Tilt: 1.75

50.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	268.9 m	53.9 km
45.0	12.1	284.6	53.7
90.0	7.22	297.2	51.6
135.0	6.42	294.2	50.8
180.0	7.54	403.3	57.0
225.0	6.42	377.4	55.0
270.0	7.22	395.2	56.4
315.0	12.1	433.2	61.1

Distance to Canadian border: 683.5 km

Distance to Mexican border: 1736.4 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 228.4 degrees Distance: 275.2 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 291.2 degrees Distance: 2053.6 km

Study cell size: 1.00 km
Profile point spacing: 0.10 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

Interference to BLDTT20130530AGK LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W34DX-D	D34	LD	LIC	WEST ASHEVILLE, NC	BLDTT20130530AGK	
Undesireds:	W08BP-D	D35	LD	CP	BEAVER DAM, NC	W08BP CP MOD	17.6 km
	W33EH-D	D33	LD	LIC	BLACK MOUNTAIN, NC	BLANK0000082269	26.4
	NEW	D34	LD	APP	ATHENS, GA	BNPDTL20090825AJE	203.2
	NEW	D34	LD	APP	ATHENS, GA	BNPDTL20090825AFQ	202.0
	WATC-DT	D34	DT	CP	ATLANTA, GA	BLANK0000034436	234.6
	NEW	D34	LD	APP	CRAWFORDVILLE, GA	BNPDTT20090825BMZ	231.7
	W34FH-D	D34	LD	LIC	MARION, ETC., NC	BLANK0000086808	104.6
	WACN-LP	D34z	LD	CP	RALEIGH, NC	BLANK0000050869	350.6
	W06AN	D34	LD	CP	SAPPHIRE VALLEY, ETC., NC	BDISDTT20120614AAN	53.8
	WNSC-TV	D34	DT	CP	ROCK HILL, SC	BLANK0000034493	171.9
	WVLT-TV	D34	DT	LIC	KNOXVILLE, TN	BLANK0000081956	124.1
	WLSL-TV	D34	DT	LIC	ROANOKE, VA	BLANK0000081215	288.4
	W35CO-D	D35-	LD	LIC	BURNSVILLE, NC	BLDTT20090615AAS	51.6
	WMYA-TV	D35	DT	CP	ANDERSON, SC	BLANK0000034497	111.0
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	7533.1	472,991	6138.1	394,247	6090.1	389,849	6061.2 385,216 0.47 1.19
Undesired				Total IX	Unique IX, before	Unique IX, after	
W08BP-D D35 LD CP		32.9		6,332		28.9	4,633
W33EH-D D33 LD LIC		2.0		4	1.0 4	1.0 4	

NEW D34 LD APP	2.0	0	0.0	0	0.0	0
NEW D34 LD APP	1.0	0	0.0	0	0.0	0
WATC-DT D34 DT CP	2.0	346	0.0	0	0.0	0
NEW D34 LD APP	2.0	346	0.0	0	0.0	0
W34FH-D D34 LD LIC	2.0	13	0.0	0	0.0	0
W06AN D34 LD CP	1.0	0	0.0	0	0.0	0
WN5C-TV D34 DT CP	27.9	3,918	23.9	3,918	20.9	2,219
WVLT-TV D34 DT LIC	16.1	117	14.1	117	14.1	117
WSLS-TV D34 DT LIC	1.0	0	0.0	0	0.0	0
W35C0-D D35- LD LIC	2.0	13	1.0	0	1.0	0
WMYA-TV D35 DT CP	4.0	346	1.0	0	1.0	0

Interference to BLANK0000081956 LIC scenario 1
Proposal causes no interference.

Interference to BLDTT20090615AAS LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W35C0-D	D35-	LD	LIC	BURNSVILLE, NC	BLDTT20090615AAS	
Undesireds:	W08BP-D	D35	LD	CP	BEAVER DAM, NC	W08BP CP MOD	49.0 km
	WUVG-DT	D35	LD	CP	ATHENS, GA	BLANK0000054445	239.0
	WFMY-TV	D35	DT	CP	GREENSBORO, NC	BLANK0000028086	221.3
	WMYA-TV	D35	DT	CP	ANDERSON, SC	BLANK0000034497	143.4
	WCYB-TV	D35	LD	CP	BRISTOL, VA	BLANK0000054449	59.3
	WASV-LP	D36	LD	CP	ASHEVILLE, NC	BLANK0000055083	51.5
	WUNE-TV	D36	DT	CP	LINVILLE, NC	BLANK0000034440	43.2
Service area	137,781	Terrain-limited	3426.8	93,959	IX-free, before	IX-free, after	Percent New IX
4156.7					3390.5	92,537	0.68 1.43
Undesired				Total IX	Unique IX, before	Unique IX, after	
W08BP-D D35 LD CP	23.9			1,343	22.9	1,343	
WFMY-TV D35 DT CP	4.0			0	2.0	0	
WMYA-TV D35 DT CP	6.1			0	3.0	0	
WCYB-TV D35 LD CP	28.2			0	25.2	0	
WUNE-TV D36 DT CP	2.0			79	2.0	79	

Interference to BLANK0000028086 CP scenario 1
Proposal causes no interference.

Interference to BLANK0000034497 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WMYA-TV	D35	DT	CP	ANDERSON, SC	BLANK0000034497	
Undesireds:	W08BP-D	D35	LD	CP	BEAVER DAM, NC	W08BP CP MOD	99.9 km
	WN5C-TV	D34	DT	CP	ROCK HILL, SC	BLANK0000034493	116.3
	WSCG	D35	DT	LIC	BAXLEY, GA	BLCDT20071120AJC	301.7
	WFMY-TV	D35	DT	CP	GREENSBORO, NC	BLANK0000028086	259.1
	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	281.4
	WFXG	D36	DT	LIC	AUGUSTA, GA	BLANK0000081277	142.5
	WUNE-TV	D36	DT	CP	LINVILLE, NC	BLANK0000034440	162.1
Service area	1,653,829	Terrain-limited	24602.2	1,580,710	IX-free, before	IX-free, after	Percent New IX
25287.4					24324.5	1,570,947	0.26 0.40
Undesired				Total IX	Unique IX, before	Unique IX, after	
W08BP-D D35 LD CP	81.6			7,139	63.7	6,322	
WN5C-TV D34 DT CP	52.1			2,113	45.1	1,971	
WSCG D35 DT LIC	68.2			410	30.7	328	
WFMY-TV D35 DT CP	97.9			5,596	84.9	5,258	
WTCI D35 DT CP	1.0			0	1.0	0	
WFXG D36 DT LIC	65.2			333	27.7	251	
WUNE-TV D36 DT CP	43.8			1,731	40.8	1,542	

Interference to BLANK0000054449 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WCYB-TV	D35	LD	CP	BRISTOL, VA	BLANK0000054449	
Undesireds:	W08BP-D	D35	LD	CP	BEAVER DAM, NC	W08BP CP MOD	108.2 km
	WUVG-DT	D35	LD	CP	ATHENS, GA	BLANK0000054445	297.7
	W35C0-D	D35-	LD	LIC	BURNSVILLE, NC	BLDTT20090615AAS	59.3
	WFMY-TV	D35	DT	CP	GREENSBORO, NC	BLANK0000028086	213.5
	WMYA-TV	D35	DT	CP	ANDERSON, SC	BLANK0000034497	200.8
	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	317.5
	WJDW-LD	D35	LD	LIC	TAZEWELL, VA	BLDTL20110525ADU	97.1
	WUNE-TV	D36	DT	CP	LINVILLE, NC	BLANK0000034440	49.0
Service area	709,774	Terrain-limited	11954.8	627,182	IX-free, before	IX-free, after	Percent New IX
13930.9					11917.6	626,922	0.02 0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
W08BP-D D35 LD CP	2.0			0	2.0	0	
W35C0-D D35- LD LIC	13.1			72	12.1	66	
WFMY-TV D35 DT CP	12.1			150	10.1	149	
WMYA-TV D35 DT CP	2.0			0	1.0	0	
WJDW-LD D35 LD LIC	10.0			38	10.0	38	
WUNE-TV D36 DT CP	3.0			7	1.0	0	

Interference to BLANK0000055083 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WASV-LP	D36	LD	CP	ASHEVILLE, NC	BLANK0000055083	
Undesireds:	W08BP-D	D35	LD	CP	BEAVER DAM, NC	W08BP CP MOD	17.5 km
	W35CO-D	D35-	LD	LIC	BURNSVILLE, NC	BLD TT20090615AAS	51.5
	WMYA-TV	D35	DT	CP	ANDERSON, SC	BLANK0000034497	111.0
	WUPA	D36	DT	LIC	ATLANTA, GA	BLANK0000084466	249.8
	WFXG	D36	DT	LIC	AUGUSTA, GA	BLANK0000081277	253.4
	WAXN-TV	D36	LD	LIC	KANNAPOLIS, NC	BLCDT20100630BZK	184.8
	WUNE-TV	D36	DT	CP	LINVILLE, NC	BLANK0000034440	91.6
	WVLR	D36	DT	CP	TAZEWELL, TN	BLANK0000025318	113.6
	WFXR	D36	DT	LIC	ROANOKE, VA	BLANK0000080996	287.6
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
9540.9	534,056	7437.6	423,913	7347.8	418,713	7326.9	0.28 0.94
Undesired		Total IX		Unique IX, before		Unique IX, after	
W08BP-D	D35 LD CP	31.8	4,837			20.9	3,948
W35CO-D	D35- LD LIC	4.0	0	2.0	0	2.0	0
WMYA-TV	D35 DT CP	7.0	346	0.0	0	0.0	0
WUPA	D36 DT LIC	6.0	724	2.0	378	2.0	378
WFXG	D36 DT LIC	10.0	392	0.0	0	0.0	0
WUNE-TV	D36 DT CP	63.8	4,476	54.8	4,299	44.9	3,410
WVLR	D36 DT CP	20.1	131	17.0	0	17.0	0

Interference to BLANK0000034440 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WUNE-TV	D36	DT	CP	LINVILLE, NC	BLANK0000034440	
Undesireds:	W08BP-D	D35	LD	CP	BEAVER DAM, NC	W08BP CP MOD	83.8 km
	WFMY-TV	D35	DT	CP	GREENSBORO, NC	BLANK0000028086	181.4
	WMYA-TV	D35	DT	CP	ANDERSON, SC	BLANK0000034497	162.1
	WUPA	D36	DT	LIC	ATLANTA, GA	BLANK0000084466	338.6
	WFXG	D36	DT	LIC	AUGUSTA, GA	BLANK0000081277	294.2
	WKAS	D36	DT	LIC	ASHLAND, KY	BLANK0000087441	275.3
	WFFT-CD	D36	DC	CP	SANFORD, NC	BLANK0000034838	248.6
	WFXB	D36	DT	LIC	MYRTLE BEACH, SC	BLANK0000081825	319.1
	WVLR	D36	DT	CP	TAZEWELL, TN	BLANK0000025318	161.7
	WFXR	D36	DT	LIC	ROANOKE, VA	BLANK0000080996	196.3
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
36998.1	3,150,826	33105.8	2,742,037	32433.5	2,699,879	32407.6	0.08 0.09
Undesired		Total IX		Unique IX, before		Unique IX, after	
W08BP-D	D35 LD CP	53.8	4,853			25.9	2,443
WFMY-TV	D35 DT CP	105.0	10,126	70.6	6,450	70.6	6,450
WMYA-TV	D35 DT CP	22.0	1,574	10.0	506	10.0	506
WUPA	D36 DT LIC	21.9	1,304	4.0	157	4.0	157
WFXG	D36 DT LIC	155.6	7,725	82.8	3,020	76.8	3,017
WKAS	D36 DT LIC	2.0	0	2.0	0	2.0	0
WFXB	D36 DT LIC	88.8	5,038	36.9	1,860	36.9	1,860
WVLR	D36 DT CP	66.3	4,734	49.3	3,221	47.3	3,221
WFXR	D36 DT LIC	361.9	22,871	288.6	17,272	272.7	15,756

Interference to BLANK0000025318 CP scenario 1
Proposal causes no interference.

Interference to proposal scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W08BP-D	D35	LD	CP	BEAVER DAM, NC	W08BP CP MOD	
Undesireds:	W06AN	D34	LD	CP	SAPPHIRE VALLEY,ETC., NC	BDISDTT20120614AAN	47.9 km
	W34DX-D	D34	LD	LIC	WEST ASHEVILLE, NC	BLD TT20130530AGK	17.6
	WVLT-TV	D34	DT	LIC	KNOXVILLE, TN	BLANK0000081956	141.7
	WUVG-DT	D35	LD	CP	ATHENS, GA	BLANK0000054445	190.1
	NEW	D35	LD	APP	ATHENS, GA	BNPDTL20090825AJQ	197.5
	NEW	D35	LD	APP	ATHENS, GA	BNPDTL20090825AJB	200.8
	W35DV-D	D35	LD	CP	AUGUSTA, GA	BLANK0000071990	247.7
	W35CO-D	D35-	LD	LIC	BURNSVILLE, NC	BLD TT20090615AAS	49.0
	WFMY-TV	D35	DT	CP	GREENSBORO, NC	BLANK0000028086	242.7
	W35CK-D	D35	LD	LIC	HIGHLANDS, NC	BLD TT20080922ABE	85.1
	WMYA-TV	D35	DT	CP	ANDERSON, SC	BLANK0000034497	99.9
	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	255.0
	WCYB-TV	D35	LD	CP	BRISTOL, VA	BLANK0000054449	108.2
	WASV-LP	D36	LD	CP	ASHEVILLE, NC	BLANK0000055083	17.5
	WUNE-TV	D36	DT	CP	LINVILLE, NC	BLANK0000034440	83.8
Service area		Terrain-limited		IX-free		Percent IX	
9338.1	537,320	7347.6	428,067	7233.7	419,684	1.55	1.96
Undesired		Total IX		Unique IX		Prcnt Unique IX	
W34DX-D	D34 LD LIC	18.0	401	0.0	0	0.00	0.00
WUVG-DT	D35 LD CP	2.0	0	0.0	0	0.00	0.00
NEW	D35 LD APP	4.0	0	0.0	0	0.00	0.00
NEW	D35 LD APP	7.0	0	0.0	0	0.00	0.00
W35CO-D	D35- LD LIC	33.0	2,619	19.0	2,050	0.26	0.48
WFMY-TV	D35 DT CP	20.9	195	8.0	151	0.11	0.04
W35CK-D	D35 LD LIC	1.0	0	0.0	0	0.00	0.00
WMYA-TV	D35 DT CP	32.0	1,435	19.0	957	0.26	0.22
WCYB-TV	D35 LD CP	3.0	0	1.0	0	0.01	0.00
WASV-LP	D36 LD CP	53.0	5,131	27.0	4,024	0.37	0.94
WUNE-TV	D36 DT CP	4.0	0	0.0	0	0.00	0.00

Interference to proposal scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W08BP-D	D35	LD	CP	BEAVER DAM, NC	W08BP CP MOD	
Undesireds:	W06AN	D34	LD	CP	SAPPHIRE VALLEY,ETC., NC	BDISDTT20120614AAN	47.9 km
	W34DX-D	D34	LD	LIC	WEST ASHEVILLE, NC	BLDTT20130530AGK	17.6
	WVLT-TV	D34	DT	LIC	KNOXVILLE, TN	BLANK0000081956	141.7
	WUVG-DT	D35	LD	LIC	ATHENS, GA	BLANK0000081844	190.1
	NEW	D35	LD	APP	ATHENS, GA	BNPDTL20090825AJQ	197.5
	NEW	D35	LD	APP	ATHENS, GA	BNPDTL20090825AJB	200.8
	W35DV-D	D35	LD	CP	AUGUSTA, GA	BLANK0000071990	247.7
	W35C0-D	D35-	LD	LIC	BURNSVILLE, NC	BLDTT20090615AAS	49.0
	WFMY-TV	D35	DT	CP	GREENSBORO, NC	BLANK0000028086	242.7
	W35CK-D	D35	LD	LIC	HIGHLANDS, NC	BLDTT20080922ABE	85.1
	WMYA-TV	D35	DT	CP	ANDERSON, SC	BLANK0000034497	99.9
	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	255.0
	WCYB-TV	D35	LD	CP	BRISTOL, VA	BLANK0000054449	108.2
	WASV-LP	D36	LD	CP	ASHEVILLE, NC	BLANK0000055083	17.5
	WUNE-TV	D36	DT	CP	LINVILLE, NC	BLANK0000034440	83.8

Service area	Terrain-limited	IX-free	Percent IX
9338.1 537,320	7347.6 428,067	7233.7 419,684	1.55 1.96

Undesired	Total IX	Unique IX	Prcnt Unique IX
W34DX-D D34 LD LIC	18.0 401	0.0 0	0.00 0.00
WUVG-DT D35 LD LIC	2.0 0	0.0 0	0.00 0.00
NEW D35 LD APP	4.0 0	0.0 0	0.00 0.00
NEW D35 LD APP	7.0 0	0.0 0	0.00 0.00
W35C0-D D35- LD LIC	33.0 2,619	19.0 2,050	0.26 0.48
WFMY-TV D35 DT CP	20.9 195	8.0 151	0.11 0.04
W35CK-D D35 LD LIC	1.0 0	0.0 0	0.00 0.00
WMYA-TV D35 DT CP	32.0 1,435	19.0 957	0.26 0.22
WCYB-TV D35 LD CP	3.0 0	1.0 0	0.01 0.00
WASV-LP D36 LD CP	53.0 5,131	27.0 4,024	0.37 0.94
WUNE-TV D36 DT CP	4.0 0	0.0 0	0.00 0.00