

tvstudy v2.2.5 (V91R41)

Database: localhost, Study: WDWW\_ch2\_2kW\_ND, Model: Longley-Rice

Start: 2018.03.26 18:54:33

Study created: 2018.03.26 18:54:33

Study build station data: LMS TV 2018-03-19

Proposal: WDWW-LD D2 LD LIC CLEVELAND, GA

File number: BLANK0000013970

Facility ID: 125861

Station data: User record

Record ID: 98

Country: U.S.

Build options:

Protect baseline records from LPTV

Search options:

Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	WHDF	D2	DT	CP	FLORENCE, AL	BLANK0000034217	288.8 km
No	WESL-LP	N2z	TX	LIC	JAMESTOWN, KY	BLTVL20070504AGP	379.8
Yes	W02AG-D	D2	LD	LIC	BREVARD, NC	BLDTV20120622ABF	215.4
No	W02AH	N2	TX	LIC	MARS HILL, NC	BLTTV3255	279.5
No	W02AF-D	D2	LD	LIC	SYLVA, ETC., NC	BLANK0000008418	201.3
No	W02AF-D	N2	TX	LIC	SYLVA, ETC., NC	BLTTV19781204IC	201.4
Yes	WGG5-TV	D2	DT	CP	GREENVILLE, SC	BLANK0000034219	217.1
No	WUVM-LP	N4z	TX	LIC	ATLANTA, GA	BLTVL20030523AEX	0.0

No non-directional AM stations found within 0.8 km

Directional AM stations within 3.2 km:

WQXI 790 L DAN D ATLANTA, GA BML20061226ABR

WQXI 790 L DAN N ATLANTA, GA BML20061226ABR

Record parameters as studied:

Channel: D2

Mask: Full Service

Latitude: 33 48 26.40 N (NAD83)

Longitude: 84 20 21.50 W

Height AMSL: 547.8 m

HAAT: 0.0 m

Peak ERP: 2.00 kW

Antenna: Omnidirectional

Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	2.00 kW	248.4 m	60.3 km
45.0	2.00	258.2	60.9
90.0	2.00	250.5	60.4
135.0	2.00	259.6	61.0
180.0	2.00	263.4	61.2
225.0	2.00	247.8	60.2
270.0	2.00	287.2	62.8
315.0	2.00	273.1	61.9

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 261 m

Distance to Canadian border: 886.7 km

Distance to Mexican border: 1490.8 km

Conditions at FCC monitoring station: Powder Springs GA  
 Bearing: 279.9 degrees Distance: 36.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
 Bearing: 296.8 degrees Distance: 1977.2 km

Study cell size: 0.50 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%

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 Interference to BLANK0000034217 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WHDF	D2	DT	CP	FLORENCE, AL	BLANK0000034217	
Undesireds:	WDWW-LD	D2	LD	LIC	CLEVELAND, GA	BLANK0000013970	288.8 km
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
41745.3		1,552,631		40118.0		1,497,469	0.20 0.18
Undesired		Total IX		Unique IX, before		Unique IX, after	
WDWW-LD D2 LD LIC		81.4		2,754		81.4 2,754	

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 Interference to BLDTV20120622ABF LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W02AG-D	D2	LD	LIC	BREVARD, NC	BLDTV20120622ABF	
Undesireds:	WDWW-LD	D2	LD	LIC	CLEVELAND, GA	BLANK0000013970	215.4 km
	W02AH	N2	TX	LIC	MARS HILL, NC	BLTTV3255	75.5
	W02AF-D	D2	LD	LIC	SYLVA, ETC., NC	BLANK0000008418	53.3
	WGGG-TV	D2	DT	CP	GREENVILLE, SC	BLANK0000034219	36.1
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
2112.0		91,717		2021.3		86,316	0.00 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
WDWW-LD D2 LD LIC		0.2		0		0.0 0	
W02AH N2 TX LIC		1.7		90		0.7 0	
W02AF-D D2 LD LIC		7.7		59		4.0 32	
WGGG-TV D2 DT CP		372.5		30,700		367.8 30,583	

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 Interference to BLDTV20120622ABF LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W02AG-D	D2	LD	LIC	BREVARD, NC	BLDTV20120622ABF	
Undesireds:	WDWW-LD	D2	LD	LIC	CLEVELAND, GA	BLANK0000013970	215.4 km
	W02AH	N2	TX	LIC	MARS HILL, NC	BLTTV3255	75.5
	W02AF-D	N2	TX	LIC	SYLVA, ETC., NC	BLTTV19781204IC	53.4
	WGGG-TV	D2	DT	CP	GREENVILLE, SC	BLANK0000034219	36.1
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
2112.0		91,717		2021.3		86,316	0.00 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
WDWW-LD D2 LD LIC		0.2		0		0.0 0	
W02AH N2 TX LIC		1.7		90		0.7 0	
W02AF-D N2 TX LIC		1.2		20		1.0 20	
WGGG-TV D2 DT CP		372.5		30,700		371.3 30,610	

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Interference to BLANK0000034219 CP scenario 1

Desired:	Call WGGG-TV	Chan D2	Svc DT	Status CP	City, State GREENVILLE, SC	File Number BLANK0000034219	Distance
Undesireds:	WDWW-LD	D2	LD	LIC	CLEVELAND, GA	BLANK0000013970	217.1 km
	Service area 46803.2 2,761,316		Terrain-limited 45759.6 2,702,024		IX-free, before 45759.6 2,702,024	IX-free, after 45651.5 2,696,569	Percent New IX 0.24 0.20
Undesired				Total IX	Unique IX, before	Unique IX, after	
WDWW-LD D2 LD LIC			108.1	5,455		108.1 5,455	

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Interference to proposal scenario 1

Desired:	Call WDWW-LD	Chan D2	Svc LD	Status LIC	City, State CLEVELAND, GA	File Number BLANK0000013970	Distance
Undesireds:	WHDF	D2	DT	CP	FLORENCE, AL	BLANK0000034217	288.8 km
	W02AF-D	D2	LD	LIC	SYLVA, ETC., NC	BLANK0000008418	201.3
	WGGG-TV	D2	DT	CP	GREENVILLE, SC	BLANK0000034219	217.1
	Service area 11709.8 4,803,288		Terrain-limited 11553.1 4,783,880		IX-free 11366.1 4,749,585	Percent IX 1.62 0.72	
Undesired				Total IX	Unique IX	Prcnt Unique IX	
WHDF D2 DT CP			3.1	17	2.4 17	0.02 0.00	
WGGG-TV D2 DT CP			184.6	34,278	183.9 34,278	1.59 0.72	