

OET-69 Interference Analysis (W24DP-D, Wilmington, NC, Channel 24)(Summary Results)

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/export/home/cdbs/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 12-12-2014

Record Selected for Analysis

W24DP-D USERRECORD-01 WILMINGTON NC US
Channel 24 ERP 15. kW HAAT 135. m RCAMSL 00140 m FULL SERVICE MASK
Latitude 034-05-51 Longitude 0077-58-18
Status APP Zone 2 Border Site number: 01
Dir Antenna Make CDB Model 00000000113470 Beam tilt N Ref Azimuth 110.
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
Service Class = LD
Maximum height/power limits not checked

Site number	1			
Azimuth	ERP	HAAT	51.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	8.618	138.3	43.101	
45.0	14.776	134.9	45.599	
90.0	13.537	138.5	45.411	
135.0	13.184	139.5	45.342	
180.0	14.880	134.9	45.632	
225.0	7.754	131.2	42.072	
270.0	1.359	127.3	32.928	
315.0	1.827	133.6	34.848	

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations
Proposed facility OK toward West Virginia quiet zone
Proposed facility OK toward Table Mountain
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

OET-69 Interference Analysis (W24DP-D, Wilmington, NC, Channel 24)(Summary Results)

Channel	Proposed Station	ARN
24	Call W24DP-D City/State WILMINGTON NC	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	W22CJ	JACKSONVILLE NC	88.6	LIC	BLTT	-19990629JD
23	WUNK-TV	GREENVILLE NC	165.2	LIC	BLEDT	-20100913ACD
23	W23EL-D	WILMINGTON NC	34.3	CP	BDISDTL	-20120831ABX
23	WLDW-LD	MYRTLE BEACH SC	128.4	CP MOD	BMPDTL	-20140805ABN
24	W24EL-D	AUGUSTA GA	399.8	CP	BNPDTL	-20090825BBP
24	W24EK-D	CHARLOTTE NC	325.7	CP MOD	BMPDTT	-20130322AIL
24	W24CP-D	DURHAM NC	224.9	CP	BPDTL	-20140717AAH
24	W24CP-D	DURHAM NC	224.9	LIC	BLDTL	-20140506ADQ
24	W24AY-D	LILESVILLE/WADESBORO NC	207.8	LIC	BLDTT	-20111212AFX
24	W24EC-D	MANTEO NC	288.5	LIC	BLDTL	-20120627AAJ
24	W24EC-D	MANTEO NC	288.6	CP	BPDTL	-20140401AKN
24	NEW	NEW BERN NC	127.6	APP	BNPDTL	-20100209AAW
24	WTAT-TV	CHARLESTON SC	205.1	LIC	BLCDDT	-20090612AHS
24	WTLU	DANVILLE VA	354.6	CP	BPCDDT	-20080317AIL
24	W24OI	VIRGINIA BEACH VA	356.2	LIC	BLTT	-19960603JA
25	W25EU-D	LUMBERTON NC	89.7	CP	BNPDTL	-20100210AAS
25	W25EJ-D	NEW BERN NC	127.6	CP	BNPDTL	-20100209AAX
25	NEW	FLORENCE SC	162.4	APP	BNPDTL	-20090825AZB

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
22	W22CJ	JACKSONVILLE NC	BLTT -19990629JD

Stations Potentially Affecting This Station

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
23	WUNK-TV	GREENVILLE NC	BLEDT -20100913ACD

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
23	W23EL-D	WILMINGTON NC	BDISDTL -20120831ABX

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 4

OET-69 Interference Analysis (W24DP-D, Wilmington, NC, Channel 24)(Summary Results)

Analysis of current record
Channel Call City/State Application Ref. No.
23 WLDW-LD MYRTLE BEACH SC BMPDTL -20140805ABN

Stations Potentially Affecting This Station

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record
Channel Call City/State Application Ref. No.
24 W24EL-D AUGUSTA GA BNPDTL -20090825BBP

Stations Potentially Affecting This Station

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record
Channel Call City/State Application Ref. No.
24 W24EK-D CHARLOTTE NC BMPDTT -20130322AIL

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record
Channel Call City/State Application Ref. No.
24 W24CP-D DURHAM NC BPDTL -20140717AAH

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record
Channel Call City/State Application Ref. No.
24 W24CP-D DURHAM NC BLDTL -20140506ADQ

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

OET-69 Interference Analysis (W24DP-D, Wilmington, NC, Channel 24)(Summary Results)

Channel	Call	City/State	Application	Ref. No.
24	W24AY-D	LILESVILLE/WADESBORO NC	BLDTT	-20111212AFX

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	W24EC-D	MANTEO NC	BLDTL	-20120627AAJ

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	W24EC-D	MANTEO NC	BPDTL	-20140401AKN

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	NEW	NEW BERN NC	BNPDTL	-20100209AAW

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WTAT-TV	CHARLESTON SC	BLCDT	-20090612AHS

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WTLU	DANVILLE VA	BPCDT	-20080317AIL

Stations Potentially Affecting This Station

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Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.	
24	W24OI	VIRGINIA BEACH VA	BLTT	-19960603JA

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.	
25	W25EU-D	LUMBERTON NC	BNPDTL	-20100210AAS

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.	
25	W25EJ-D	NEW BERN NC	BNPDTL	-20100209AAX

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application Ref. No.	
25	NEW	FLORENCE SC	BNPDTL	-20090825AZB

Stations Potentially Affecting This Station

Proposed station is beyond the site to nearest cell evaluation distance

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