

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/cdb/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 Call | City/State | ARN |
|---------|--------------------------|---------------|--------------|
| 24 | W24DP-D | 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 | BLCDT | -20090612AHS |
| 24 | WTLU | DANVILLE VA | 354.6 | CP | BPCDT | -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 | BMPDTH | -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

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

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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