

Lumberton25\_summary  
Summary Study

Percent allowed new interference: 0.500  
Percent allowed new interference to non Class A LPTV: 2.000  
Census data selected 2000  
Data Base Selected  
./data\_files/pt\_tvdb.sff  
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 01-13-2011 Time: 07:38:39

Record Selected for Analysis

20100210 USERRECORD-01 LUMBERTON NC US  
Channel 25 ERP 5. kw HAAT 38. m RCAMSL 00071 m STRINGENT MASK  
Latitude 034-31-50 Longitude 0078-47-48  
Status APP Zone 2 Border Site number: 01  
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 180.  
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	0.000	33.0	2.7
45.0	0.000	33.0	2.7
90.0	0.006	42.5	5.6
135.0	1.708	41.5	22.2
180.0	5.000	40.5	27.2
225.0	1.708	37.9	21.2
270.0	0.006	42.1	5.6
315.0	0.000	36.9	2.8

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations  
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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

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## Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
25	20100210	LUMBERTON NC	USERRECORD01

## Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	W22CJ	JACKSONVILLE NC	128.7	LIC	BLTT	-19990629JD
22	W58CD	RALEIGH NC	139.5	CP	BDISTTL	-20060817AEP
24	W24CP	DURHAM NC	163.3	CP	BPTTA	-20030207AAD
24	W24CP	DURHAM NC	165.4	CP	BDFCDTL	-20081211ADV
24	W24AY	LILESVILLE/WADESBORO NC	118.3	LIC	BLTT	-19900423JV
24	W24AY	LILESVILLE/WADESBORO NC	118.3	CP MOD	BMPDTT	-20100810AAS
24	NEW	NEW BERN NC	182.7	APP	BNPDTL	-20100209AAW
24	W24DP-D	WILMINGTON NC	57.0	CP	BNPDTL	-20090825BVF
24	WTAT-TV	CHARLESTON SC	195.4	CP MOD	BMPCDT	-20080620ADZ
25	NEW	AUGUSTA GA	341.1	APP	BNPDTL	-20090825BBN
25	W25CQ	STATESBORO GA	362.6	LIC	BLTT	-19990603JE
25	WUNF-TV	ASHEVILLE NC	374.1	CP MOD	BMPEDT	-20090511ANS +
25	WJJV-LP	ASHEVILLE NC	354.4	LIC	BLTTL	-19990120JB
25	WUNF-TV	ASHEVILLE NC	374.1	LIC	BLEDT	-20030401BAI
25	WUNF-TV	ASHEVILLE NC	374.1	CP	BPEDT	-20080619AEH
25	WUNC-TV	CHAPEL HILL NC	152.2	LIC	BLEDT	-20090824ABP
25	WDMC-LP	CHARLOTTE NC	190.0	CP	BDFCDTL	-20091218AAC
25	WDMC-LP	CHARLOTTE NC	190.0	LIC	BLTTL	-19940627JF
25	WDMC-LP	CHARLOTTE NC	190.0	CP	BPTTL	-20060323ABK
25	W25AY-D	JEFFERSON NC	324.6	LIC	BLDTT	-20100503ABO
25	NEW	NEW BERN NC	182.7	APP	BNPDTL	-20100209AAX
25	NEW	FLORENCE SC	89.9	APP	BNPDTL	-20090825AZB
25	WVAD-LP	CHESAPEAKE VA	340.2	LIC	BLTTL	-20021216AAN
25	WTVR-TV	RICHMOND VA	348.4	LIC	BLCDD	-20021204ABA
26	W26DW-D	KINSTON NC	157.9	CP MOD	BMPDTL	-20101102ACU
26	W26DR-D	WILMINGTON NC	69.0	CP	BNPDTL	-20090825AEP
26	NEW	FLORENCE SC	89.9	APP	BNPDTL	-20090825AYZ
26	NEW	FLORENCE SC	93.4	APP	BNPDTL	-20090825BKL
26	W26DT-D	MYRTLE BEACH SC	107.0	CP	BNPDTL	-20090825AZU
28	WWSC-LP	MYRTLE BEACH SC	95.8	LIC	BLTTL	-20030605ADS

+ Indicates station is part of a DTS

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study of this proposal found the following interference problem(s):

NONE.