

Lumberton50_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: 08:24:46

Record Selected for Analysis

20100210 USERRECORD-01 LUMBERTON NC US
Channel 50 ERP 10. kw HAAT 122. m RCAMSL 00168 m STRINGENT MASK
Latitude 034-40-27 Longitude 0079-02-20
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 (Deg)	ERP (kw)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	0.001	117.0	6.0
45.0	0.001	120.9	6.1
90.0	0.012	121.7	11.0
135.0	3.416	128.1	37.7
180.0	10.000	128.8	43.2
225.0	3.416	124.6	37.4
270.0	0.012	121.5	11.0
315.0	0.001	117.2	6.0

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

LANDMOBILE SPACING VIOLATIONS FOUND

NONE from Site # 01

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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

Channel	Proposed Station Call	City/State	ARN
50	20100210	LUMBERTON NC	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	W35CC	LUMBERTON NC	0.0	LIC	BLTT	-20040802BEA
46	WBFT-CA	SANFORD NC	90.6	LIC	BLTTL	-19890630IK
47	WPEM-LP	LUMBERTON NC	0.2	LIC	BLTTL	-19960530JB
47	W47CK	SHALLOTTE NC	95.5	LIC	BLTTL	-20021220AAC
49	WRAZ	RALEIGH NC	120.5	CP MOD	BMPCDT	-20040329AKW
49	W49DH-D	WILMINGTON NC	105.2	CP	BNPDTL	-20090825AGU
49	NEW	FLORENCE SC	81.5	APP	BNPDTL	-20100819ABD
49	W49AN	MYRTLE BEACH SC	94.7	LIC	BLTTL	-19940927ID
50	NEW	AUGUSTA GA	325.3	APP	BNPDTL	-20100421ABR
50	WGS-CA	SAVANNAH GA	345.6	LIC	BLTTL	-19990413JD
50	WGS-CA	SAVANNAH GA	353.9	APP	BSTA	-20101203ABW
50	W50CZ	ASHEVILLE NC	345.7	LIC	BLTT	-20051013ADK
50	WHOB-LD	BUXTON NC	318.9	LIC	BLDTL	-20100408ABE
50	WAXN-TV	KANNAPOLIS NC	167.1	CP MOD	BMPCDT	-20090505ABO
50	WAXN-TV	KANNAPOLIS NC	167.1	LIC	BLCDT	-20090511AYQ
50	W50DV-D	SPARTA NC	278.6	LIC	BLDTT	-20090615AAM
50	W50CL	ANDERSON SC	321.7	LIC	BLTT	-20010523AAC
50	WCB-CA	CHARLESTON SC	202.1	CP MOD	BMPCDT	-20040419ABK
50	WKDC-LP	COLUMBIA SC	194.9	LIC	BLTT	-20080305ADA
50	WKDC-LP	COLUMBIA SC	194.9	CP	BDFCDTL	-20101025ADZ
50	WTLU-CA	LYNCHBURG VA	281.9	LIC	BLTTA	-20040812AAE
50	WGNT	PORTSMOUTH VA	332.4	CP	BPCDT	-20080616ABC
50	WGNT	PORTSMOUTH VA	332.4	LIC	BLCDT	-20020718AAK
51	WFMY-TV	GREENSBORO NC	151.5	LIC	BLCDT	-20050628AAB
51	WEPX-TV	GREENVILLE NC	168.1	LIC	BLCDT	-20090211ACH
51	WEPX-TV	GREENVILLE NC	168.1	CP MOD	BMPCDT	-20080620AJW
51	W51CW-D	WILMINGTON NC	115.2	APP	BPDTL	-20101206ACK
51	W51CW-D	WILMINGTON NC	115.2	LIC	BLDTL	-20100617AJZ
51	W51DI	FLORENCE SC	84.8	LIC	BLTT	-20050927ACW
51	W51DI	FLORENCE SC	84.8	CP	BDFCDTT	-20060403APC
51	W51AT	MYRTLE BEACH SC	94.6	LIC	BLTT	-20000211AAP
58	W58CD	RALEIGH NC	128.0	LIC	BLTTL	-19930420IC

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

NONE.