

Florence35\_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: 03-19-2011 Time: 14:27:16

Record Selected for Analysis

W35CV USERRECORD-01 FLORENCE SC US  
Channel 35 ERP 15. kw HAAT 101. m RCAMSL 00130 m STRINGENT MASK  
Latitude 034-16-18 Longitude 0079-43-33  
Status APP Zone 2 Border Site number: 01  
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 240.  
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	5.400	113.1	38.9
45.0	0.630	112.1	27.8
90.0	0.991	112.1	30.2
135.0	9.243	103.3	40.7
180.0	14.406	98.8	42.4
225.0	14.259	96.1	42.0
270.0	12.696	85.1	40.0
315.0	14.553	84.2	40.5

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	Call	Proposed Station City/State	ARN
35	W35CV	FLORENCE SC	USERRECORD01

## Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	W21CA	COLUMBIA SC	117.8	LIC	BLTTL	-20031001ALE
28	WGTB-LP	CHARLOTTE NC	139.9	LIC	BLTTL	-20000615AGB
28	WWSC-LP	MYRTLE BEACH SC	101.0	LIC	BLTTL	-20030605ADS
31	W31BS	ORANGEBURG SC	122.8	LIC	BLTTL	-19980529JJ
34	WSOC-TV	CHARLOTTE NC	143.0	LIC	BLCDDT	-20040526ANW
34	WDRN-LP	FAYETTEVILLE NC	117.4	CP	BDISDTT	-20061010AGB
34	WDRN-LP	FAYETTEVILLE NC	117.4	APP	BDISDTT	-20060328AJZ
34	WACN-LP	RALEIGH NC	176.3	APP	BSTA	-20080403AAU
34	WACN-LP	RALEIGH NC	190.3	LIC	BLTTL	-20060609AAA
34	WACN-LP	RALEIGH / DURHAM NC	176.3	APP	BPTTL	-20070529AAP
34	WARZ-LP	SMITHFIELD-SELMA NC	190.8	CP MOD	BMPDTA	-20100323AJG
34	WARZ-LP	SMITHFIELD-SELMA NC	190.8	LIC	BLTTA	-20070619ABR
34	NEW	WILMINGTON NC	137.6	APP	BNPDTL	-20091210ADH
34	WCIV	CHARLESTON SC	149.8	LIC	BLCDDT	-20060630ADJ
34	W34CQ	MYRTLE BEACH SC	98.1	LIC	BLTT	-20010926AAM
35	NEW	ATHENS GA	296.3	APP	BNPDTL	-20090825AEY
35	NEW	ATHENS GA	296.3	APP	BNPDTL	-20090825AJQ
35	NEW	ATHENS GA	313.7	APP	BNPDTL	-20090825AJB
35	W35CU-D	AUGUSTA GA	248.1	CP	BNPDTL	-20090825BBK
35	WGSB	BAXLEY GA	289.4	LIC	BLCDDT	-20071120AJC
35	W35BB	DUBLIN GA	354.6	CP	BDFCDTL	-20100223AAX
35	W35BB	DUBLIN GA	354.6	CP	BPTTL	-20090805ABM
35	W35DA-D	MACON GA	393.2	CP	BNPDTL	-20100309ACC
35	W35AV	BLACK MOUNTAIN NC	281.8	LIC	BLTT	-19920323JI
35	W35CO-D	BURNSVILLE NC	298.2	LIC	BLDTT	-20090615AAS
35	WGHP	HIGH POINT NC	171.6	LIC	BLCDDT	-20060912ACW
35	WGHP-DR	HIGH POINT NC	171.6	APP	BPRM	-20091014AFK
35	WGHP	HIGH POINT NC	171.6	CP	BPCDDT	-20100125ABJ
35	W35CK-D	HIGHLANDS NC	330.4	LIC	BLDTT	-20080922ABE
35	NEW	JACKSONVILLE NC	261.5	APP	BNPDTL	-20100209AAS
35	DW35CC	LUMBERTON NC	77.2	CP	BDFCDTT	-20070309ADN
35	W35AY	HILTON HEAD ISLAND SC	248.2	LIC	BLTTL	-19930107ID
35	WJDW-LD	TAZEWELL VA	363.0	CP	BDCCDTL	-20061025ADE
35	NEW	TAZEWELL VA	363.0	APP	BNPDTL	-20100331ABS
36	WAXN-TV	CHINA GROVE NC	168.3	CP MOD	BMPCDT	-20100302AAP
36	WFPX-TV	FAYETTEVILLE NC	90.5	LIC	BLCDDT	-20021025AAD
36	W36DY-D	WILMINGTON NC	137.6	CP	BNPDTL	-20091210ADD

36	WMMP	CHARLESTON SC	148.0	CP MOD	BMPCDT	-20080620AJI
36	W36DL-D	COLUMBIA SC	97.0	CP	BDCCDTL	-20061027AEO

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

Page 3