

MyrtleBeach27_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: 04-29-2011 Time: 12:10:35

Record Selected for Analysis

W27DI USERRECORD-01 MYRTLE BEACH SC US
Channel 27 ERP 15. kw HAAT 111. m RCAMSL 00115 m STRINGENT MASK
Latitude 033-35-28 Longitude 0079-02-54
Status APP Zone 2 Border Site number: 01
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 200.
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	0.002	109.5	6.4
45.0	0.002	108.0	6.4
90.0	0.003	114.2	7.9
135.0	0.846	114.9	29.6
180.0	12.558	114.2	43.3
225.0	11.120	111.8	42.5
270.0	0.347	109.8	24.4
315.0	0.002	108.8	7.1

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
27	W27DI	MYRTLE BEACH SC	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	W20CN	CHARLESTON SC	112.9	LIC	BLTT	-20060227AFJ
26	W26DR-D	WILMINGTON NC	83.0	CP	BNPDTL	-20090825AEP
26	NEW	FLORENCE SC	98.1	APP	BNPDTL	-20090825AYZ
26	NEW	FLORENCE SC	95.9	APP	BNPDTL	-20090825BKL
26	W26DT-D	MYRTLE BEACH SC	0.0	CP	BNPDTL	-20090825AZU
26	W26CF	SUMMERVILLE SC	120.5	LIC	BLTT	-20070723ADK
26	W26CF	SUMMERVILLE SC	120.5	CP	BDFCDTT	-20060403AOI
27	NEW	AUGUSTA GA	300.8	APP	BNPDTL	-20090825BBM
27	NEW	AUGUSTA GA	290.8	APP	BNPDTL	-20090825ACT
27	NEW	DUBLIN GA	380.0	APP	BNPDTL	-20100510AHA
27	WCCB	CHARLOTTE NC	242.1	LIC	BLCDDT	-20020227AAZ
27	NEW	NEW BERN NC	250.2	APP	BNPDTL	-20100209AAP
27	WLFL	RALEIGH NC	236.4	CP MOD	BMPCDT	-20080620AJP
27	W27DB-D	SHALLOTTE NC	83.0	CP	BDCCDTL	-20061027AFS
27	WSQY-LD	GREENVILLE SC	343.5	CP	BDCCDTL	-20061023AFR
28	NEW	WILMINGTON NC	125.8	APP	BNPDTL	-20100422AAI
28	WWSC-LP	MYRTLE BEACH SC	16.4	LIC	BLTTL	-20030605ADS
28	WRJA-TV	SUMTER SC	117.5	LIC	BLEDT	-20040805ABA
34	W34CQ	MYRTLE BEACH SC	0.0	LIC	BLTT	-20010926AAM

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

NONE.