

CollegeStation15_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: 01-14-2011 Time: 11:34:22

Record Selected for Analysis

20090825 USERRECORD-01 COLLEGE STATION TX US
Channel 15 ERP 3. kw HAAT 53. m RCAMSL 00142 m STRINGENT MASK
Latitude 030-39-09 Longitude 0096-23-06
Status APP Zone 3 Border Site number: 01
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.
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	3.000	37.7	23.9
45.0	3.000	44.9	25.9
90.0	3.000	50.3	27.2
135.0	3.000	45.9	26.1
180.0	3.000	59.1	29.0
225.0	3.000	69.7	30.7
270.0	3.000	65.9	30.1
315.0	3.000	50.6	27.3

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

SPACING VIOLATION FOUND BETWEEN STATION

20090825 15 COLLEGE STATION TX USERRECORD01 Site # 01

and station

CollegeStation15_summary

SHORT TO: NEW 14 COLLEGE STATION TX BNPDTL 20090825AWU
030-41- 7 0096-14-57
Req. separation => 12.0 <= 106.0 Actual separation 13.5 Short 92.5(1.5) km

SHORT TO: KVVV-LP 15 HOUSTON TX BDISDTL 20101130AOZ
029-34-15 0095-30-37
Req. separation 244.6 Actual separation 146.6 Short 98.0 km

SHORT TO: KVVV-LP 15 HOUSTON TX BDISDTL 20060302AAL
029-24-40 0094-57- 4
Req. separation 244.6 Actual separation 195.1 Short 49.5 km

SHORT TO: K15ID-D 15 LUFKIN TX BNPDTL 20090825AUO
031-22- 9 0094-38-47
Req. separation 244.6 Actual separation 184.1 Short 60.5 km

SHORT TO: KHPZ-CA 15 ROUND ROCK TX BLTTA 20020408AAC
030-36- 4 0097-39-34
Req. separation 244.6 Actual separation 122.3 Short 122.3 km

SHORT TO: KAVU-TV 15 VICTORIA TX BPCDT 19991021ACQ
028-50-42 0097-07-33
Req. separation 223.7 Actual separation 212.8 Short 10.9 km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE from Site # 01

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 0.09km from AM station

BRYAN TX KAGC Status: L Antenna: NDD

Start of Interference Analysis

Channel	Proposed Station	Call	City/State	ARN
15	20090825	COLLEGE STATION TX		USERRECORD01

Page 2

Stations Potentially Affected by Proposed Station

[illegible]

The following station failed the de minimis interference criteria.

Due to interference to the following station and scenario: 1

Percent new interference from proposal: 2.7728 to BNPDTL 20090825AWU

Proposal MX with BNPDTL 20090825AWU scenario 1 of station 3

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