Summary Study

BLANK0000004263

Percent allowed new interference: 0.500

Percent allowed new interference to non Class A LPTV: 2.000

Census data selected 2000

Data Base Selected

/extra/jobs/tv\_pro\_data\_files/pt\_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 07-30-2015 Time: 08:14:10

Record Selected for Analysis

K44GS BLANK -0000004263 WICHITA FALLS TX US

Channel 44 ERP 3.34 kW HAAT 174 m RCAMSL 00465 m SIMPLE MASK

Latitude 033-54- 3 Longitude 0098-32-20

Status APP Zone Border Site number: 01

Dir Antenna Make CDB Model 00000000016237 Beam tilt N Ref Azimuth 90.0

Last update 00000000 Cutoff date 20150721 Docket

Comments

Applicant NORTH TEXAS PUBLIC BROADCASTING, INC

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 1.590 154.1 35.5

45.0 2.766 174.0 39.6

90.0 3.340 167.6 40.2

135.0 2.858 169.2 39.5

180.0 1.544 162.9 35.9

225.0 1.499 159.3 35.5

270.0 1.731 173.4 37.1

315.0 1.390 156.2 34.9

Database HAAT does not agree with computed HAAT

Database HAAT: 174 Computed HAAT: 165

Contour Overlap to Proposed Station

Station

K44GS 44 WICHITA FALLS TX BLTT20050909AFP

Station inside contour of Digital LPTV station

K44GS 44 WICHITA FALLS TX BLANK 0000004263

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

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

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Start of Interference Analysis

Proposed Station

Channel Call City/State ARN

44 K44GS WICHITA FALLS TX BLANK 0000004263

Stations Potentially Affected by Proposed Station

Chan Call City/State Dist(km) Status Application Ref. No.

40 K40HZ WICHITA FALLS TX 0.5 LIC BLTTL -20070208ABL

43 K43KS-D ALTUS OK 111.1 LIC BLDTT -20100709AJX

43 K43OL-D DICKSON OK 146.9 CP BNPDTL -20100510ANB

43 K43KT-D ELK CITY OK 175.0 LIC BLDTT -20100510ATA

43 K43LK-D LAWTON OK 82.2 LIC BLDTL -20090713ACU

43 K43HD-D QUANAH TX 115.4 LIC BLDTT -20111014ABZ

43 KIDT-LD STAMFORD TX 200.7 APP BDFCDTA -20110310AAO

44 K44BQ ARDMORE OK 134.8 APP BSTA -20121029AAF

44 K44BQ ARDMORE OK 149.6 CP BDFCDTL -20111205AKH

44 K44BQ ARDMORE OK 134.8 LIC BLTT -19900823II

44 K45EJ ENID OK 290.8 CP BDISDTT -20091008AAE

44 K44IW-D HOLLIS OK 149.3 LIC BLDTT -20100802AZF

44 K40KC-D TULSA OK 336.6 CP BDISDTL -20091027AAZ

44 K44LB-D BIG SPRING TX 339.6 CP BNPDTL -20100312ACY

44 KLEG-CD DALLAS TX 203.7 LIC BLDTA -20110217ACF

44 KHPF-CD FREDERICKSBURG TX 406.1 LIC BLANK -0000001533

44 K44CC-D GRUVER TX 367.1 LIC BLDTT -20100827AAN

44 KYAM-LD HEREFORD TX 335.1 LIC BLANK -0000001221

44 K44HH LUBBOCK TX 307.7 CP BDFCDTL -20110919ADE

44 K44HH LUBBOCK TX 307.7 LIC BLTT -20050801AHG

44 K44AK-D MEMPHIS TX 214.4 LIC BLDTT -20100817ABH

44 K44KH-D MIDLAND TX 406.4 CP BNPDTL -20090825AQG

44 K44GL PLAINVIEW TX 294.6 LIC BLTT -20050630AEW

44 KIDT-LD STAMFORD TX 200.7 LIC BLDTT -20110428AAL

44 KIDT-LD STAMFORD TX 200.7 CP BPTTA -20110217AAH

44 NEW TYLER TX 347.1 APP BNPDTT -20091123AIZ

44 KWKT-TV WACO TX 309.1 LIC BLCDT -20090612AIS

44 K44KY-D WESTBROOK TX 284.7 CP BNPDTL -20100310ACJ

45 K45JZ-D ELK CITY OK 175.0 LIC BLDTT -20100510ASY

45 K45LN-D LAWTON OK 78.9 CP BNPDTL -20100210ABL

45 KOHC-CD OKLAHOMA CITY OK 190.6 LIC BLTTA -20110128ACE

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No interference problem is found for this study.

[Show Detail Study](http://165.135.234.47/jobs/cdbs_tv-process/BLANK0000004263_pt.out)(38950 bytes)