

FIGURE 1 (10 Pages)

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/space/software/cdb/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-04-2012 Time: 14:28:42

Record Selected for Analysis

K50LH-D USERRECORD-01 BEAUMONT TX US
Channel 50 ERP 0.056 kW HAAT 31. m RCAMSL 00032 m SIMPLE MASK
Latitude 030-08-01 Longitude 0094-07-09
Status APP Zone 2 Border Site number: 01
Dir Antenna Make usr Model WADE_D1338BB 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	ERP	HAAT	51.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	0.000	33.0	2.6	
45.0	0.000	33.0	2.5	
90.0	0.000	33.0	1.8	
135.0	0.001	33.0	3.3	
180.0	0.056	33.0	8.5	
225.0	0.001	33.0	3.3	
270.0	0.000	33.0	1.8	
315.0	0.000	33.0	2.5	

Database HAAT does not agree with computed HAAT

Database HAAT: 31 Computed HAAT: 33

Contour Overlap to Proposed Station

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 2.18km from AM station

BEAUMONT TX KZZB Status: L Antenna: DA1

Start of Interference Analysis

Channel	Call	City/State	ARN
50	K50LH-D	BEAUMONT TX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	KTDJ-LP	BEAUMONT TX	18.0	LIC	BLTTL	-20060911AAQ
49	W49DR-D	IOWA LA	113.5	CP	BNPDTL	-20100407ABR
49	W49DQ-D	SULPHUR LA	64.1	CP	BNPDTL	-20100407AAW
49	KEHO-LD	BEAUMONT TX	40.3	LIC	BLDTL	-20100803AEA
49	K49LS-D	HEMPHILL TX	145.2	CP	BNPDTL	-20100423AAD
49	KEHO-LD	HOUSTON TX	126.8	CP	BPDTL	-20101112ADB
50	KTSS-LP	HOPE AR	395.3	LIC	BLTTL	-20020311AAR
50	W50EJ-D	LAKE CHARLES LA	85.4	CP	BNPDTL	-20100429ADH
50	KLWB	NEW IBERIA LA	208.4	LIC	BLCDT	-20090618AAQ
50	WPXL-TV	NEW ORLEANS LA	394.7	LIC	BLCDT	-20040408ABR
50	KBXS-CA	SHREVEPORT LA	266.9	LIC	BLTTA	-20030718ADM
50	KBTX-TV	BRYAN TX	189.2	LIC	BLCDT	-20090309ABZ
50	KATA-CD	MESQUITE TX	384.3	LIC	BLDTA	-20090604ABX
50	KATA-CD	MESQUITE TX	384.3	APP	BMPTTA	-20031125AHW
50	KNTA-LD	NEW BRAUNFELS TX	388.0	CP	BDCCDTL	-20061030ACH
50	K50MU-D	TYLER TX	287.1	CP	BMJADTL	-20100521ACC
50	NEW	VICTORIA TX	314.0	APP	BNPDTL	-20100510AKK
51	K51FO	LEESVILLE LA	150.7	CP MOD	BMPDIT	-20100927AFV
51	K51LL-D	PORT ARTHUR TX	0.0	CP MOD	BMPDTL	-20110318AAW

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	KTDJ-LP	BEAUMONT TX	BLTTL	-20060911AAQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	KBTB-TV	PORT ARTHUR TX	14.9	LIC	BLCDT	-20090615ACC
46	K46LC-D	PORT ARTHUR TX	18.0	CP MOD	BMPDTL	-20110318AAV
47	KYAZ	KATY TX	162.5	LIC	BLCDT	-20100126ACZ
47	NEW	PORT ARTHUR TX	42.5	APP	BNPDTL	-20100525AEV
48	K48NU-D	BEAUMONT TX	18.0	CP	BNPDTL	-20100701ACS
50	K50LH-D	BEAUMONT TX	18.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	W49DR-D	IOWA LA	BNPDTL	-20100407ABR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	K48MK-D	LAFAYETTE LA	43.7	CP MOD	BMPDTL	-20111011ADN
48	W48DZ-D	LAKE CHARLES LA	29.2	CP	BNPDTL	-20100407ABM
49	KMYA-DT	CAMDEN AR	336.3	LIC	BLCDT	-20090813ABY
49	W49DQ-D	SULPHUR LA	49.6	CP	BNPDTL	-20100407AAW
49	WNTZ-TV	NATCHEZ MS	197.6	LIC	BLCDT	-20060630AAV
49	WNTZ-TV	NATCHEZ MS	264.8	APP	BMPCDT	-20011116ABJ
49	KEHO-LD	BEAUMONT TX	153.6	LIC	BLDTL	-20100803AEA
49	K49LS-D	HEMPHILL TX	159.9	CP	BNPDTL	-20100423AAD
50	W50EJ-D	LAKE CHARLES LA	29.0	CP	BNPDTL	-20100429ADH
50	KLWB	NEW IBERIA LA	94.8	LIC	BLCDT	-20090618AAQ
50	K50LH-D	BEAUMONT TX	113.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	W49DQ-D	SULPHUR LA	BNPDTL	-20100407AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	W48DZ-D	LAKE CHARLES LA	20.5	CP	BNPDTL	-20100407ABM
48	K48NU-D	BEAUMONT TX	64.1	CP	BNPDTL	-20100701ACS
49	KMYA-DT	CAMDEN AR	346.3	LIC	BLCDT	-20090813ABY
49	W49DR-D	IOWA LA	49.6	CP	BNPDTL	-20100407ABR
49	WNTZ-TV	NATCHEZ MS	233.0	LIC	BLCDT	-20060630AAV
49	WNTZ-TV	NATCHEZ MS	304.5	APP	BMPCDT	-20011116ABJ
49	KEHO-LD	BEAUMONT TX	104.3	LIC	BLDTL	-20100803AEA
49	K49LS-D	HEMPHILL TX	140.7	CP	BNPDTL	-20100423AAD
49	KEHO-LD	HOUSTON TX	190.3	CP	BPDTL	-20101112ADB
50	W50EJ-D	LAKE CHARLES LA	21.6	CP	BNPDTL	-20100429ADH
50	K50LH-D	BEAUMONT TX	64.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	KEHO-LD	BEAUMONT TX	BLDTL	-20100803AEA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	K48NU-D	BEAUMONT TX	40.3	CP	BNPDTL	-20100701ACS
48	KTMD	GALVESTON TX	108.8	LIC	BLCDT	-20040325AEO
49	W49DR-D	IOWA LA	153.6	CP	BNPDTL	-20100407ABR
49	W49DQ-D	SULPHUR LA	104.3	CP	BNPDTL	-20100407AAW
49	WNTZ-TV	NATCHEZ MS	324.8	LIC	BLCDT	-20060630AAV
49	KNVA	AUSTIN TX	315.9	LIC	BLCDT	-20080808ACP
49	K49LC-D	COLLEGE STATION TX	179.6	CP	BNPDTL	-20090825AVS
49	K49LS-D	HEMPHILL TX	163.9	CP	BNPDTL	-20100423AAD
50	K50LH-D	BEAUMONT TX	40.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	K49LS-D	HEMPHILL TX	BNPDTL	-20100423AAD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	KLNK-LD	LUFKIN TX	80.9	LIC	BLDTL	-20101216ADM
49	KMYA-DT	CAMDEN AR	234.1	LIC	BLCDT	-20090813ABY
49	W49DQ-D	SULPHUR LA	140.7	CP	BNPDTL	-20100407AAW
49	WNTZ-TV	NATCHEZ MS	212.0	LIC	BLCDT	-20060630AAV
49	WNTZ-TV	NATCHEZ MS	288.4	APP	BMPCDT	-20011116ABJ

49	KNVA	AUSTIN TX	390.5	LIC	BLCDT	-20080808ACP
49	KEHO-LD	BEAUMONT TX	163.9	LIC	BLDTL	-20100803AEA
50	K50LH-D	BEAUMONT TX	145.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	KEHO-LD	HOUSTON TX	BPDTL	-20101112ADB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	KTMD	GALVESTON TX	25.4	LIC	BLCDT	-20040325AEO
49	KNVA	AUSTIN TX	242.7	LIC	BLCDT	-20080808ACP
49	K49LC-D	COLLEGE STATION TX	133.5	CP	BNPDTL	-20090825AVS
50	KBTX-TV	BRYAN TX	109.1	LIC	BLCDT	-20090309ABZ
50	K50LH-D	BEAUMONT TX	126.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	KTSS-LP	HOPE AR	BLTTL	-20020311AAR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	KMYA-DT	CAMDEN AR	89.4	LIC	BLCDT	-20090813ABY
50	KNWA-TV	ROGERS AR	308.5	LIC	BLCDT	-20060915ANF
50	KBXS-CA	SHREVEPORT LA	128.4	LIC	BLTTA	-20030718ADM
50	KSJF-CA	POTEAU OK	188.3	LIC	BLTT	-19970415JB
50	KSJF-CA	POTEAU OK	188.3	LIC	BLTTA	-20010329AAB
50	K50LH-D	BEAUMONT TX	395.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
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50 W50EJ-D LAKE CHARLES LA BNPDTL -20100429ADH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	W49DR-D	IOWA LA	29.0	CP	BNPDTL	-20100407ABR
49	W49DQ-D	SULPHUR LA	21.6	CP	BNPDTL	-20100407AAW
50	KLWB	NEW IBERIA LA	123.3	LIC	BLCDDT	-20090618AAQ
50	WPXL-TV	NEW ORLEANS LA	312.3	LIC	BLCDDT	-20040408ABR
50	KBTX-TV	BRYAN TX	268.7	LIC	BLCDDT	-20090309ABZ
50	K50LH-D	BEAUMONT TX	85.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	KLWB	NEW IBERIA LA	BLCDDT	-20090618AAQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	WNTZ-TV	NATCHEZ MS	149.7	LIC	BLCDDT	-20060630AAV
49	WNTZ-TV	NATCHEZ MS	197.7	APP	BMPCDDT	-20011116ABJ
50	WFGX	FORT WALTON BEACH FL	414.6	APP	BMPCDDT	-20051108AFS
50	WFGX	FORT WALTON BEACH FL	414.7	LIC	BLCDDT	-20100806AAW
50	WPXL-TV	NEW ORLEANS LA	192.1	LIC	BLCDDT	-20040408ABR
50	KBTX-TV	BRYAN TX	390.5	LIC	BLCDDT	-20090309ABZ
50	K50LH-D	BEAUMONT TX	208.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	WPXL-TV	NEW ORLEANS LA	BLCDDT	-20040408ABR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
50	WFGX	FORT WALTON BEACH FL	241.0	APP	BMPCDDT	-20051108AFS
50	WFGX	FORT WALTON BEACH FL	241.1	LIC	BLCDDT	-20100806AAW
50	KLWB	NEW IBERIA LA	192.1	LIC	BLCDDT	-20090618AAQ
50	K50LH-D	BEAUMONT TX	394.7	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	KBXS-CA	SHREVEPORT LA	BLTTA	-20030718ADM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	KMYA-DT	CAMDEN AR	128.8	LIC	BLCDDT	-20090813ABY
50	KLWB	NEW IBERIA LA	294.9	LIC	BLCDDT	-20090618AAQ
50	KBTX-TV	BRYAN TX	306.8	LIC	BLCDDT	-20090309ABZ
50	K50MU-D	TYLER TX	137.8	CP	BMJADTL	-20100521ACC
51	KCEB-DR	LONGVIEW TX	116.2	APP	BPRM	-20080514AHH
51	KCEB	LONGVIEW TX	116.2	LIC	BLCDDT	-20100212AAO
50	K50LH-D	BEAUMONT TX	266.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	KBTX-TV	BRYAN TX	BLCDDT	-20090309ABZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	KNVA	AUSTIN TX	171.4	LIC	BLCDDT	-20080808ACP
50	KLWB	NEW IBERIA LA	390.5	LIC	BLCDDT	-20090618AAQ
51	KCEB-DR	LONGVIEW TX	215.5	APP	BPRM	-20080514AHH
51	KCEB	LONGVIEW TX	215.5	LIC	BLCDDT	-20100212AAO
50	K50LH-D	BEAUMONT TX	189.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	KATA-CD	MESQUITE TX	BLDTA	-20090604ABX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	K49HT	COMMANCHE TX	104.7	APP	BDFCDTL	-20061030AAE

49	KJJM-LD	DALLAS & MESQUITE TX	0.0	CP	BDISDTL	-20090622ADP
50	KOPX-TV	OKLAHOMA CITY OK	337.8	LIC	BLCDT	-20021108ABC
50	KBTX-TV	BRYAN TX	243.0	LIC	BLCDT	-20090309ABZ
50	K50LF-D	DENISON TX	148.1	CP	BDCCDTL	-20081211AAB
50	NEW	JOLLY TX	192.1	APP	BNPDTL	-20100510AGM
50	K50MU-D	TYLER TX	164.0	CP	BMJADTL	-20100521ACC
51	KHFD-LD	DALLAS TX	0.8	LIC	BLDTL	-20120103ACA
50	K50LH-D	BEAUMONT TX	384.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	KATA-CD	MESQUITE TX	BMPPTA	-20031125AHW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	KPXD-TV	ARLINGTON TX	5.2	LIC	BLCDT	-20091022ACM
43	KDTN	DENTON TX	5.2	LIC	BLEDT	-20040301AAH
46	KTXD-TV	GREENVILLE TX	5.2	LIC	BLCDT	-20040414ACS
48	KSTR-DT	IRVING TX	5.2	LIC	BLCDT	-20100826AFG
49	KJJM-LD	DALLAS & MESQUITE TX	0.0	CP	BDISDTL	-20090622ADP
50	KOPX-TV	OKLAHOMA CITY OK	337.8	LIC	BLCDT	-20021108ABC
50	KBTX-TV	BRYAN TX	243.0	LIC	BLCDT	-20090309ABZ
50	K50LF-D	DENISON TX	148.1	CP	BDCCDTL	-20081211AAB
50	K50MU-D	TYLER TX	164.1	CP	BMJADTL	-20100521ACC
51	KHFD-LD	DALLAS TX	0.9	LIC	BLDTL	-20120103ACA
50	K50LH-D	BEAUMONT TX	384.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	KNTA-LD	NEW BRAUNFELS TX	BDCCDTL	-20061030ACH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	KNVA	AUSTIN TX	73.0	LIC	BLCDT	-20080808ACP
50	KBTX-TV	BRYAN TX	220.8	LIC	BLCDT	-20090309ABZ
50	K20BW	SAN ANTONIO TX	49.4	APP	BDISTT	-20060206ABK
50	NEW	VICTORIA TX	131.2	APP	BNPDTL	-20100510AKK
51	K51JF	SAN ANTONIO TX	49.2	APP	BDFCDTL	-20081203AEK
51	K51JF	SAN ANTONIO TX	49.2	APP	BDFCDTL	-20100726AKK
50	K50LH-D	BEAUMONT TX	388.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	K50MU-D	TYLER TX	BMJADTL	-20100521ACC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
50	KTSS-LP	HOPE AR	199.0	LIC	BLTTL	-20020311AAR
50	KLWB	NEW IBERIA LA	393.7	LIC	BLCDT	-20090618AAQ
50	KBXS-CA	SHREVEPORT LA	137.8	LIC	BLTTA	-20030718ADM
50	KBTX-TV	BRYAN TX	233.7	LIC	BLCDT	-20090309ABZ
50	K50LF-D	DENISON TX	190.2	CP	BDCCDTL	-20081211AAB
50	KATA-CD	MESQUITE TX	164.0	LIC	BLDTA	-20090604ABX
50	KATA-CD	MESQUITE TX	164.1	APP	BMPTTA	-20031125AHW
51	KCEB-DR	LONGVIEW TX	40.1	APP	BPRM	-20080514AHH
51	KCEB	LONGVIEW TX	40.1	LIC	BLCDT	-20100212AAO
50	K50LH-D	BEAUMONT TX	287.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	NEW	VICTORIA TX	BNPDTL	-20100510AKK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	K49IE	VICTORIA TX	25.6	LIC	BLTTL	-20070223AGB
50	KBTX-TV	BRYAN TX	202.8	LIC	BLCDT	-20090309ABZ
50	KTMV-LP	CORPUS CHRISTI TX	140.6	CP	BPTTL	-20041220AAE
50	KNTA-LD	NEW BRAUNFELS TX	131.2	CP	BDCCDTL	-20061030ACH
50	K20BW	SAN ANTONIO TX	156.7	APP	BDISTT	-20060206ABK
51	KTJA-LP	VICTORIA TX	24.3	LIC	BLTTA	-20060209AAY
50	K50LH-D	BEAUMONT TX	314.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
51	K51FO	LEESVILLE LA	BMPDTT	-20100927AFV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
51	KCEB-DR	LONGVIEW TX	200.8	APP	BPRM	-20080514AHH
51	KCEB	LONGVIEW TX	200.8	LIC	BLCDT	-20100212AAO
51	K51LL-D	PORT ARTHUR TX	150.7	CP MOD	BMPDTL	-20110318AAW
50	K50LH-D	BEAUMONT TX	150.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
51	K51LL-D	PORT ARTHUR TX	BMPDTL	-20110318AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
51	K51FO	LEESVILLE LA	150.7	CP MOD	BMPDTT	-20100927AFV
51	KCEB-DR	LONGVIEW TX	249.2	APP	BPRM	-20080514AHH
51	KCEB	LONGVIEW TX	249.2	LIC	BLCDT	-20100212AAO
50	K50LH-D	BEAUMONT TX	0.0	APP	USERRECORD-01	

Proposal causes no interference

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