

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/cdbs/pt\_tvdb.sff  
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 12-10-2011 Time: 09:50:07

#### Record Selected for Analysis

K20BW USERRECORD-01 US  
Channel 20 ERP 15. kW HAAT 241. m RCAMSL 00404 m FULL SERVICE MASK  
Latitude 029-17-38 Longitude 0098-15-31  
Status APP Zone 2 Border Site number: 01  
Dir Antenna Make CDB Model 00000000018055 Beam tilt N Ref Azimuth 300.  
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	2.109	229.6	41.3
45.0	0.541	238.8	34.7
90.0	1.094	213.6	37.0
135.0	1.197	241.0	38.9
180.0	0.600	265.2	36.4
225.0	0.975	259.4	38.8
270.0	10.458	246.0	50.5
315.0	13.395	233.4	51.1

#### Contour Overlap to Proposed Station

Station  
KOB5-LD 19 SAN ANTONIO TX BDISTTL20060320AAJ

Station inside contour of Digital LPTV station  
K20BW 20 USERRECORD01

Station  
K20BW 20 SAN ANTONIO TX BLTT19981014JC

Station inside contour of Digital LPTV station  
K20BW 20 USERRECORD01

Station  
KXTM-LP 21 SAN ANTONIO TX BLTT19980616JE

Station inside contour of Digital LPTV station

K20BW 20

USERRECORD01

Station

KXTM-LP 21 SAN ANTONIO

TX BPTTA20050728AAA

Station inside contour of Digital LPTV station

K20BW 20

USERRECORD01

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 within the Mexican coordination distance

Distance to border = 217.6km

Proposed station is OK toward AM broadcast stations

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Start of Interference Analysis

Channel	Call	Proposed Station City/State	ARN
20	K20BW		USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	KNIC-CA	SAN ANTONIO TX	27.1	LIC	BLTTL	-19910311JJ
17	K17GL	UVALDE TX	132.2	CP	BPTTL	-20090406ADC
17	KMOL-LP	VICTORIA TX	120.8	LIC	BLTTL	-20050427AAC
19	KGBS-LD	AUSTIN TX	122.2	CP	BDCCDTL	-20080918AHK
19	NEW	CORPUS CHRISTI TX	182.1	APP	BNPDTL	-20100916ABM
19	KOBS-LD	SAN ANTONIO TX	29.0	LIC	BLDTL	-20110429AAD
19	KOBS-LD	SAN ANTONIO TX	25.8	APP	BDISTTL	-20060320AAJ
19	KXTS-LP	VICTORIA TX	120.8	CP	BDISDTL	-20090603AFS
20	KADF-LP	AUSTIN TX	122.5	LIC	BLTTL	-20071029AAN
20	KADF-LP	AUSTIN TX	122.5	CP	BDFCDTL	-20090728AAT
20	KVTF-CA	BROWNSVILLE TX	377.2	LIC	BLTTL	-19990218JC
20	K20KJ-D	BRYAN TX	242.2	CP	BNPDTL	-20090825BXZ
20	K20JT-D	CORPUS CHRISTI TX	184.8	LIC	BLDTL	-20111006ACG
20	K20JT-D	CORPUS CHRISTI TX	184.8	CP	BDISTTL	-20080509ACA
20	K20JT-D	CORPUS CHRISTI TX	184.8	CP	BDFCDTL	-20090915AAI
20	KBOP-LD	DALLAS-FT WORTH TX	386.3	LIC	BLDTL	-20110120ACW
20	NEW	DEL RIO TX	260.7	APP	BMJADTL	-20100524AII
20	KQHO-LP	HOUSTON TX	284.7	CP	BDISDTL	-20110606ABR
20	NEW	INGRAM TX	155.4	APP	BMJADTL	-20100524AGO
20	K20EK	KINGSVILLE-ALICE TX	183.6	LIC	BLTTL	-19931101II
20	NEW	LAREDO TX	232.6	APP	BMJADTL	-20100517AFH
20	KSFE-LD	MCALLEN TX	356.8	LIC	BLDTL	-20100505AIY
20	K20LG-D	SONORA TX	267.9	CP	BNPDTL	-20100329ACJ
20	KTXS-TV	SWEETWATER TX	389.0	LIC	BLCDT	-20080815ABJ
20	KTXS-TV	SWEETWATER TX	389.0	CP	BPCDT	-20110801ALU
20	KDYW	WACO TX	241.8	LIC	BLEDT	-20060622AAS

21	KXAN-TV	AUSTIN TX	123.0	LIC	BLCDDT	-20050630AAG
21	KTOV-LP	CORPUS CHRISTI TX	186.6	LIC	BLTTL	-20030121AAG
21	KXTM-LP	SAN ANTONIO TX	0.0	LIC	BLTTL	-19980616JE
21	KXTM-LP	SAN ANTONIO TX	25.8	CP	BPTTA	-20050728AAA
21	KXTS-LP	VICTORIA TX	138.4	LIC	BLTTL	-19990728JB
23	KTDF-LP	SAN ANTONIO TX	27.1	LIC	BLTTL	-20110531ACJ
28	KSAA-LP	SAN ANTONIO TX	29.1	LIC	BLTTL	-20020122AAM

%%%

# Analysis of Interference to Affected Station 1

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	KNIC-CA	SAN ANTONIO TX	BLTTL	-19910311JJ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	KHCE-TV	SAN ANTONIO TX	27.6	LIC	BLEDT	-20110215AEM
17	KVAT-LD	AUSTIN TX	119.8	LIC	BLDTL	-20101123ACY
17	K51JF	SAN ANTONIO TX	2.0	APP	BDISDTL	-20111006ACA
17	KMOL-LP	VICTORIA TX	147.6	CP	BDFCDTL	-20090115AHV
18	KNIC-DT	BLANCO TX	29.9	LIC	BLCDDT	-20091019ADG
21	KXAN-TV	AUSTIN TX	120.1	LIC	BLCDDT	-20050630AAG
32	KMYS	KERRVILLE TX	43.7	LIC	BLCDDT	-20060608ACW
20	K20BW		27.1	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.
17	K17GL	UVALDE TX	BPTTL	-20090406ADC

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	KHCE-TV	SAN ANTONIO TX	132.5	LIC	BLEDT	-20110215AEM
17	K51JF	SAN ANTONIO TX	108.3	APP	BDISDTL	-20111006ACA
18	KNIC-DT	BLANCO TX	113.4	LIC	BLCDDT	-20091019ADG
24	KVAW	EAGLE PASS TX	109.2	CP	BPCDDT	-20080402AAG
32	KMYS	KERRVILLE TX	75.6	LIC	BLCDDT	-20060608ACW
20	K20BW		132.2	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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# Analysis of Interference to Affected Station 3

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	KMOL-LP	VICTORIA TX	BLTTL	-20050427AAC

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
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15	KAVU-TV	VICTORIA TX	0.0	LIC	BLCDDT	-20060627ABY
16	KHCE-TV	SAN ANTONIO TX	120.4	LIC	BLEDT	-20110215AEM
18	NEW	VICTORIA TX	0.0	APP	BMJADTL	-20100524AIH
20	K20BW		120.8	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 4

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	KGBS-LD	AUSTIN TX	BDCCDTL -20080918AHK

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	KNIC-DT	BLANCO TX	97.3	LIC	BLCDDT -20091019ADG
19	KTXA-DR	FORT WORTH TX	263.7	APP	BPRM -20080620AHA
19	KTVT-DR	FORT WORTH TX	263.7	APP	BPRM -20090720ACZ
19	KTVT	FORT WORTH TX	259.8	CP MOD	BMPCDT -20100521ADJ
19	KTXH	HOUSTON TX	236.2	LIC	BLCDDT -20090804ABC
19	KLDO-TV	LAREDO TX	343.4	LIC	BLCDDT -20110421ABF
19	KIDY	SAN ANGELO TX	294.8	LIC	BLCDDT -20110520ADN
19	KOBS-LD	SAN ANTONIO TX	118.9	LIC	BLDTL -20110429AAD
19	KOBS-LD	SAN ANTONIO TX	118.1	APP	BDISTTL -20060320AAJ
19	KXTS-LP	VICTORIA TX	176.4	CP	BDISDTL -20090603AFS
20	KADF-LP	AUSTIN TX	0.3	LIC	BLTTL -20071029AAN
20	KADF-LP	AUSTIN TX	0.3	CP	BDFCDTL -20090728AAT
20	KDYW	WACO TX	119.6	LIC	BLEDT -20060622AAS
20	K20BW		122.2	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.
19	NEW	CORPUS CHRISTI TX	BNPDTL -20100916ABM

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	KTXH	HOUSTON TX	286.4	LIC	BLCDDT -20090804ABC
19	KLDO-TV	LAREDO TX	197.2	LIC	BLCDDT -20110421ABF
19	KOBS-LD	SAN ANTONIO TX	204.2	APP	BDISTTL -20060320AAJ
19	KXTS-LP	VICTORIA TX	129.6	CP	BDISDTL -20090603AFS
20	K20JT-D	CORPUS CHRISTI TX	15.8	LIC	BLDTL -20111006ACG
20	K20JT-D	CORPUS CHRISTI TX	15.8	CP	BDISTTL -20080509ACA
20	K20JT-D	CORPUS CHRISTI TX	15.8	CP	BDFCDTL -20090915AAI
20	K20EK	KINGSVILLE-ALICE TX	32.0	LIC	BLTTL -19931101II
20	K20BW		182.1	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 6

# Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	KOBS-LD	SAN ANTONIO TX	BLDTL	-20110429AAD

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	KNIC-DT	BLANCO TX	28.4	LIC	BLCDDT	-20091019ADG
19	KGBS-LD	AUSTIN TX	118.9	CP	BDCCDTL	-20080918AHK
19	NEW	CORPUS CHRISTI TX	206.6	APP	BNPDTL	-20100916ABM
19	KTXA-DR	FORT WORTH TX	378.8	APP	BPRM	-20080620AHA
19	KTVT-DR	FORT WORTH TX	378.8	APP	BPRM	-20090720ACZ
19	KTVT	FORT WORTH TX	375.0	CP MOD	BMPCDT	-20100521ADJ
19	KTXH	HOUSTON TX	290.2	LIC	BLCDDT	-20090804ABC
19	KLDO-TV	LAREDO TX	224.9	LIC	BLCDDT	-20110421ABF
19	KIDY	SAN ANGELO TX	306.7	LIC	BLCDDT	-20110520ADN
19	KXTS-LP	VICTORIA TX	149.5	CP	BDISDTL	-20090603AFS
20	K20BW	SAN ANTONIO TX	10.7	LIC	BLTT	-19981014JC
20	K20BW		29.0	APP	USERRECORD-01	

Total scenarios = 1

Result key: 1  
Scenario 1 Affected station 6  
Before Analysis

Results for: 19A TX SAN ANTONIO BLDLTL 20110429AAD LIC  
HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1465002	4943.5
not affected by terrain losses	1465002	4943.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17564	338.2
lost to ATV IX only	17564	338.2
lost to all IX	17564	338.2

Potential Interfering Stations Included in above Scenario 1

18A TX BLANCO	BLCDDT	20091019ADG	LIC
19A TX VICTORIA	BDISDTL	20090603AFS	CP

## After Analysis

Results for: 19A TX SAN ANTONIO BLDLTL 20110429AAD LIC  
HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1465002	4943.5
not affected by terrain losses	1465002	4943.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	18991	362.8
lost to ATV IX only	18991	362.8
lost to all IX	18991	362.8

Potential Interfering Stations Included in above Scenario 1

18A TX BLANCO	BLCDDT	20091019ADG	LIC
19A TX VICTORIA	BDISDTL	20090603AFS	CP
20A	USERRECORD01		APP

Percent new IX = 0.0986%

Worst case new IX 0.0986% Scenario 1

#####

# Analysis of Interference to Affected Station 7

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	KOBS-LD	SAN ANTONIO TX	BDISTTL -20060320AAJ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	KHCE-TV	SAN ANTONIO TX	26.3	LIC	BLEDT -20110215AEM
18	KNIC-DT	BLANCO TX	29.8	LIC	BLCDDT -20091019ADG
19	KGBS-LD	AUSTIN TX	118.1	CP	BDCCDDL -20080918AHK
19	KTXA-DR	FORT WORTH TX	378.6	APP	BPRM -20080620AHA
19	KTVT-DR	FORT WORTH TX	378.6	APP	BPRM -20090720ACZ
19	KTVT	FORT WORTH TX	374.8	CP MOD	BMPCDDT -20100521ADJ
19	KTXH	HOUSTON TX	287.0	LIC	BLCDDT -20090804ABC
19	KLDO-TV	LAREDO TX	225.4	LIC	BLCDDT -20110421ABF
19	KIDY	SAN ANGELO TX	309.6	LIC	BLCDDT -20110520ADN
19	KXTS-LP	VICTORIA TX	146.1	CP	BDISDDL -20090603AFS
20	K20BW	SAN ANTONIO TX	13.6	LIC	BLTT -19981014JC
21	KXAN-TV	AUSTIN TX	118.8	LIC	BLCDDT -20050630AAG
22	KLRU	AUSTIN TX	118.2	LIC	BLEDT -20040305ACK
26	KPXL-TV	UVALDE TX	59.5	LIC	BLCDDT -20090612AHU
27	KBVO	LLANO TX	138.7	LIC	BLCDDT -20090622ABA
33	KVUE	AUSTIN TX	118.2	LIC	BLCDDT -20050624AAI
34	KNIC-CA	SAN ANTONIO TX	1.9	CP	BDISTTA -20070615ADF
20	K20BW		25.8	APP	USERRECORD-01

Proposal causes no interference

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# Analysis of Interference to Affected Station 8

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	KXTS-LP	VICTORIA TX	BDISDDL -20090603AFS

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	NEW	HALLETTSVILLE TX	80.2	APP	BMJADTL -20100524AGN
18	NEW	VICTORIA TX	0.0	APP	BMJADTL -20100524AIH
19	KGBS-LD	AUSTIN TX	176.4	CP	BDCCDDL -20080918AHK
19	NEW	CORPUS CHRISTI TX	129.6	APP	BNPDDL -20100916ABM
19	KTXH	HOUSTON TX	175.9	LIC	BLCDDT -20090804ABC
19	KLDO-TV	LAREDO TX	276.2	LIC	BLCDDT -20110421ABF
19	KOBS-LD	SAN ANTONIO TX	149.5	LIC	BLDDL -20110429AAD
19	KOBS-LD	SAN ANTONIO TX	146.1	APP	BDISTTL -20060320AAJ
20	K20BW		120.8	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.
20	KADF-LP	AUSTIN TX	BLTTL -20071029AAN

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	KHCE-TV	SAN ANTONIO TX	122.8	LIC	BLEDT	-20110215AEM
18	KNIC-DT	BLANCO TX	97.6	LIC	BLCDDT	-20091019ADG
19	KGBS-LD	AUSTIN TX	0.3	CP	BDCCDTL	-20080918AHK
20	K20BW	SAN ANTONIO TX	116.0	LIC	BLTT	-19981014JC
20	KTXS-TV	SWEETWATER TX	319.2	LIC	BLCDDT	-20080815ABJ
20	KTXS-TV	SWEETWATER TX	319.2	CP	BPCDDT	-20110801ALU
20	KDYW	WACO TX	119.3	LIC	BLEDT	-20060622AAS
21	KXAN-TV	AUSTIN TX	0.4	LIC	BLCDDT	-20050630AAG
22	KLRU	AUSTIN TX	0.2	LIC	BLEDT	-20040305ACK
27	KBVO	LLANO TX	83.2	LIC	BLCDDT	-20090622ABA
28	KYLE-TV	BRYAN TX	137.8	LIC	BLCDDT	-20090612ABZ
28	KYLE-DR	BRYAN TX	137.8	APP	BPRM	-20090203AEO
20	K20BW		122.5	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.
20	KADF-LP	AUSTIN TX	BDFCDTL	-20090728AAT

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	KGBS-LD	AUSTIN TX	0.3	CP	BDCCDTL	-20080918AHK
20	K20KJ-D	BRYAN TX	150.3	CP	BNPDTL	-20090825BXZ
20	NEW	INGRAM TX	164.8	APP	BMJADTL	-20100524AGO
20	K20BW	SAN ANTONIO TX	116.0	LIC	BLTT	-19981014JC
20	KTXS-TV	SWEETWATER TX	319.2	LIC	BLCDDT	-20080815ABJ
20	KTXS-TV	SWEETWATER TX	319.2	CP	BPCDDT	-20110801ALU
20	KDYW	WACO TX	119.3	LIC	BLEDT	-20060622AAS
21	KXAN-TV	AUSTIN TX	0.4	LIC	BLCDDT	-20050630AAG
20	K20BW		122.5	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 11

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	KVTF-CA	BROWNSVILLE TX	BLTTL	-19990218JC

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KSFE-LD	MCALLEN TX	55.9	LIC	BLDTL	-20100505AIY
24	KVEO-TV	BROWNSVILLE TX	35.3	LIC	BLCDDT	-20050630AGL
34	KLUJ-TV	HARLINGEN TX	38.3	LIC	BLEDT	-20070402KPK
20	K20BW		377.2	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 12

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	K20KJ-D	BRYAN TX	BNPDTL -20090825BXZ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KLTL-TV	LAKE CHARLES LA	314.5	LIC	BLEDT -20100216ABR
20	KADF-LP	AUSTIN TX	150.3	LIC	BLTTTL -20071029AAN
20	KADF-LP	AUSTIN TX	150.3	CP	BDFCDTL -20090728AAT
20	KBOP-LD	DALLAS-FT WORTH TX	227.1	LIC	BLDTL -20110120ACW
20	KQHO-LP	HOUSTON TX	130.6	CP	BDISDTL -20110606ABR
20	K20KH-D	LUFKIN TX	175.4	CP MOD	BMPDTL -20111011ACS
20	KDYW	WACO TX	127.5	LIC	BLEDT -20060622AAS
21	KHTX-LD	HUNTSVILLE TX	76.8	CP	BDCCDTL -20061030AOC
20	K20BW		242.2	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.
20	K20JT-D	CORPUS CHRISTI TX	BLDTL -20111006ACG

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	NEW	CORPUS CHRISTI TX	15.8	APP	BNPDTL -20100916ABM
20	K20EK	KINGSVILLE-ALICE TX	47.8	LIC	BLTTTL -19931101II
20	NEW	LAREDO TX	206.2	APP	BMJADTL -20100517AFH
20	KSFE-LD	MCALLEN TX	198.7	LIC	BLDTL -20100505AIY
20	K20BW	SAN ANTONIO TX	221.1	LIC	BLTT -19981014JC
20	KDYW	WACO TX	392.6	LIC	BLEDT -20060622AAS
21	KTOV-LP	CORPUS CHRISTI TX	5.4	LIC	BLTTTL -20030121AAG
20	K20BW		184.8	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.
20	K20JT-D	CORPUS CHRISTI TX	BDISTTL -20080509ACA

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	NEW	CORPUS CHRISTI TX	15.8	APP	BNPDTL -20100916ABM
20	K20EK	KINGSVILLE-ALICE TX	47.8	LIC	BLTTTL -19931101II
20	KDYW	WACO TX	392.6	LIC	BLEDT -20060622AAS
21	KTOV-LP	CORPUS CHRISTI TX	5.4	LIC	BLTTTL -20030121AAG
23	KEDT	CORPUS CHRISTI TX	18.8	LIC	BLEDT -20081016ABR
27	KORO	CORPUS CHRISTI TX	20.2	LIC	BLCDT -20060626ACE
35	KHCC-LP	CORPUS CHRISTI TX	4.3	LIC	BLTTTL -19990503JG
20	K20BW		184.8	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.
20	K20JT-D	CORPUS CHRISTI TX	BDFCDTL -20090915AAI

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	NEW	CORPUS CHRISTI TX	15.8	APP	BNPDTL -20100916ABM
20	K20EK	KINGSVILLE-ALICE TX	47.8	LIC	BLTTL -19931101II
20	NEW	LAREDO TX	206.2	APP	BMJADTL -20100517AFH
20	KSFE-LD	MCALLEN TX	198.7	LIC	BLDTL -20100505AIY
20	K20BW	SAN ANTONIO TX	221.1	LIC	BLTT -19981014JC
20	KDYW	WACO TX	392.6	LIC	BLEDT -20060622AAS
21	KTOV-LP	CORPUS CHRISTI TX	5.4	LIC	BLTTL -20030121AAG
20	K20BW		184.8	APP	USERRECORD-01

Proposal causes no interference

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# Analysis of Interference to Affected Station 16

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	KBOP-LD	DALLAS-FT WORTH TX	BLDTL -20110120ACW

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	KTXA-DR	FORT WORTH TX	1.8	APP	BPRM -20080620AHA
19	KTVT-DR	FORT WORTH TX	1.8	APP	BPRM -20090720ACZ
19	KTVT	FORT WORTH TX	5.1	CP MOD	BMPCDT -20100521ADJ
20	KQCW-DT	MUSKOGEE OK	367.5	LIC	BLCDT -20090227ACN
20	KADF-LP	AUSTIN TX	264.0	LIC	BLTTL -20071029AAN
20	KTXS-TV	SWEETWATER TX	294.9	LIC	BLCDT -20080815ABJ
20	KTXS-TV	SWEETWATER TX	294.9	CP	BPCDT -20110801ALU
20	KDYW	WACO TX	145.3	LIC	BLEDT -20060622AAS
20	K20LC-D	WICHITA FALLS TX	206.8	CP	BNPDTL -20090825BQN
21	KWDA-LD	DALLAS TX	26.2	LIC	BLDTL -20110711AGT
20	K20BW		386.3	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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# Analysis of Interference to Affected Station 17

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	NEW	DEL RIO TX	BMJADTL -20100524AII

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	NEW	INGRAM TX	165.3	APP	BMJADTL -20100524AGO
20	K20BW	SAN ANTONIO TX	230.6	LIC	BLTT -19981014JC
20	K20LG-D	SONORA TX	134.7	CP	BNPDTL -20100329ACJ
20	KTXS-TV	SWEETWATER TX	347.8	LIC	BLCDT -20080815ABJ
20	KTXS-TV	SWEETWATER TX	347.8	CP	BPCDT -20110801ALU

20 K20BW 260.7 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.
20	KQHO-LP	HOUSTON TX	BDISDTL -20110606ABR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	KTXH	HOUSTON TX	26.1	LIC	BLCDT -20090804ABC
20	KLTL-TV	LAKE CHARLES LA	238.0	LIC	BLEDT -20100216ABR
20	KADF-LP	AUSTIN TX	242.7	LIC	BLTTL -20071029AAN
20	K20KJ-D	BRYAN TX	130.6	CP	BNPDTL -20090825BXZ
20	K20KH-D	LUFKIN TX	191.6	CP MOD	BMPDTL -20111011ACS
20	KDYW	WACO TX	257.0	LIC	BLEDT -20060622AAS
21	KVQT-LD	HOUSTON TX	25.4	CP	BPTTL -20080611AAA
21	KVQT-LD	HOUSTON TX	25.4	LIC	BLDTL -20100319AAW
20	K20BW		284.7	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.
20	NEW	INGRAM TX	BMJADTL -20100524AGO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KADF-LP	AUSTIN TX	164.8	LIC	BLTTL -20071029AAN
20	KADF-LP	AUSTIN TX	164.8	CP	BDFCDTL -20090728AAT
20	NEW	DEL RIO TX	165.3	APP	BMJADTL -20100524AII
20	K20BW	SAN ANTONIO TX	116.1	LIC	BLTT -19981014JC
20	K20LG-D	SONORA TX	115.5	CP	BNPDTL -20100329ACJ
20	KTXS-TV	SWEETWATER TX	255.1	LIC	BLCDT -20080815ABJ
20	KTXS-TV	SWEETWATER TX	255.1	CP	BPCDT -20110801ALU
20	KDYW	WACO TX	242.8	LIC	BLEDT -20060622AAS
20	K20BW		155.4	APP	USERRECORD-01

Total scenarios = 2

Result key: 2  
Scenario 1 Affected station 19  
Before Analysis

Results for: 20A TX INGRAM BMJADTL 20100524AGO APP  
HAAT 202.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	49756	7956.5
not affected by terrain losses	48949	7848.2
lost to NTSC IX	24	13.7
lost to additional IX by ATV	4	67.3
lost to ATV IX only	6	72.2
lost to all IX	28	81.0

Potential Interfering Stations Included in above Scenario 1

20A TX SWEETWATER	BLCDT	20080815ABJ	LIC
20A TX WACO	BLEDT	20060622AAS	LIC
20N TX SAN ANTONIO	BLTT	19981014JC	LIC

After Analysis

Results for: 20A TX INGRAM BMJADTL 20100524AGO APP

HAAT 202.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	49756	7956.5
not affected by terrain losses	48949	7848.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	164	109.3
lost to ATV IX only	164	109.3
lost to all IX	164	109.3

Potential Interfering Stations Included in above Scenario 1

20A TX SWEETWATER	BLCDT	20080815ABJ	LIC
20A TX WACO	BLEDT	20060622AAS	LIC
20A	USERRECORD01		APP

Percent new IX = 0.2780%

Result key: 3  
 Scenario 2 Affected station 19  
 Before Analysis

Results for: 20A TX INGRAM BMJADTL 20100524AGO APP

HAAT 202.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	49756	7956.5
not affected by terrain losses	48949	7848.2
lost to NTSC IX	24	13.7
lost to additional IX by ATV	83	108.3
lost to ATV IX only	85	115.1
lost to all IX	107	122.0

Potential Interfering Stations Included in above Scenario 2

20A TX SWEETWATER	BPCDT	20110801ALU	CP
20A TX WACO	BLEDT	20060622AAS	LIC
20N TX SAN ANTONIO	BLTT	19981014JC	LIC

After Analysis

Results for: 20A TX INGRAM BMJADTL 20100524AGO APP

HAAT 202.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	49756	7956.5
not affected by terrain losses	48949	7848.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	243	149.3
lost to ATV IX only	243	149.3
lost to all IX	243	149.3

Potential Interfering Stations Included in above Scenario 2

20A TX SWEETWATER	BPCDT	20110801ALU	CP
20A TX WACO	BLEDT	20060622AAS	LIC
20A	USERRECORD01		APP

Percent new IX = 0.2784%

Worst case new IX 0.2784% Scenario 2

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	K20EK	KINGSVILLE-ALICE TX	BLTTL -19931101II

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	NEW	CORPUS CHRISTI TX	32.0	APP	BNPDTL -20100916ABM
20	K20JT-D	CORPUS CHRISTI TX	47.8	LIC	BLDTL -20111006ACG
20	K20JT-D	CORPUS CHRISTI TX	47.8	CP	BDISTTL -20080509ACA
20	K20JT-D	CORPUS CHRISTI TX	47.8	CP	BDFCDTL -20090915AAI
23	KEDT	CORPUS CHRISTI TX	34.6	LIC	BLEDT -20081016ABR
27	KORO	CORPUS CHRISTI TX	28.2	LIC	BLCDT -20060626ACE
20	K20BW		183.6	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	NEW	LAREDO TX	BMJADTL -20100517AFH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	KLDO-TV	LAREDO TX	18.2	LIC	BLCDT -20110421ABF
20	K20EK	KINGSVILLE-ALICE TX	159.1	LIC	BLTTL -19931101II
20	KSFE-LD	MCALLEN TX	215.2	LIC	BLDTL -20100505AIY
20	K20BW	SAN ANTONIO TX	240.8	LIC	BLTT -19981014JC
20	K20BW		232.6	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	KSFE-LD	MCALLEN TX	BLDTL -20100505AIY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KVTF-CA	BROWNSVILLE TX	55.9	LIC	BLTTL -19990218JC
20	K20JT-D	CORPUS CHRISTI TX	198.7	CP	BDISTTL -20080509ACA
20	K20EK	KINGSVILLE-ALICE TX	176.3	LIC	BLTTL -19931101II
20	NEW	LAREDO TX	215.2	APP	BMJADTL -20100517AFH
20	K20BW		356.8	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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# Analysis of Interference to Affected Station 23

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	K20LG-D	SONORA TX	BNPDTL -20100329ACJ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	KIDY	SAN ANGELO TX	116.1	LIC	BLCDT -20110520ADN
20	NEW	DEL RIO TX	134.7	APP	BMJADTL -20100524AII
20	NEW	INGRAM TX	115.5	APP	BMJADTL -20100524AGO
20	KTXS-TV	SWEETWATER TX	213.1	LIC	BLCDT -20080815ABJ
20	KTXS-TV	SWEETWATER TX	213.1	CP	BPCDT -20110801ALU
20	KDYW	WACO TX	325.0	LIC	BLEDT -20060622AAS
21	K21LP-D	SONORA TX	0.0	CP	BNPDTL -20100329ACK
20	K20BW		267.9	APP	USERRECORD-01

Proposal causes no interference

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# Analysis of Interference to Affected Station 24

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	KTXS-TV	SWEETWATER TX	BLCDT -20080815ABJ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	KIDY	SAN ANGELO TX	99.4	LIC	BLCDT -20110520ADN
20	KDYW	WACO TX	287.6	LIC	BLEDT -20060622AAS
20	K20BW		389.0	APP	USERRECORD-01

Proposal causes no interference

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# Analysis of Interference to Affected Station 25

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	KTXS-TV	SWEETWATER TX	BPCDT -20110801ALU

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	KIDY	SAN ANGELO TX	99.4	LIC	BLCDT -20110520ADN
20	KDYW	WACO TX	287.6	LIC	BLEDT -20060622AAS
20	K20BW		389.0	APP	USERRECORD-01

Proposal causes no interference

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# Analysis of Interference to Affected Station 26

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	KDYW	WACO TX	BLEDT -20060622AAS

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	KTXA-DR	FORT WORTH TX	144.5	APP	BPRM	-20080620AHA
19	KTVT-DR	FORT WORTH TX	144.5	APP	BPRM	-20090720ACZ
19	KTVT	FORT WORTH TX	140.6	CP MOD	BMPCDT	-20100521ADJ
20	KLTL-TV	LAKE CHARLES LA	427.0	LIC	BLEDT	-20100216ABR
20	KTXS-TV	SWEETWATER TX	287.6	LIC	BLCDT	-20080815ABJ
20	KTXS-TV	SWEETWATER TX	287.6	CP	BPCDT	-20110801ALU
21	KXAN-TV	AUSTIN TX	118.9	LIC	BLCDT	-20050630AAG
20	K20BW		241.8	APP	USERRECORD-01	