

OET-69 Interference Analysis, KHPB-CA, Bastrop, TX, Channel 45 (worst-case scenarios)

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
/export/home/cdbs/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 05-02-2012

Record Selected for Analysis

KHPB-CA USERRECORD-01 BASTROP TX US
Channel 45 ERP 0.158 kW HAAT 124. m RCAMSL 00267 m STRINGENT MASK
Latitude 030-08-59 Longitude 0097-13-15
Status APP Zone 2 Border Site number: 01
Dir Antenna Make CDB Model 00000000016531 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

Facility (site # 01) meets maximum height/power limits

Site number	1			
Azimuth	ERP	HAAT	51.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	0.158	92.8	18.4	
45.0	0.126	100.1	18.0	
90.0	0.071	120.2	16.9	
135.0	0.060	121.9	16.2	
180.0	0.072	160.3	20.2	
225.0	0.060	132.0	17.0	
270.0	0.071	139.1	18.4	
315.0	0.126	123.0	20.1	

Contour Overlap to Proposed Station

Station
KHPB-CA 45 BASTROP TX BDFCDTA20060330ACV

Station inside contour of Digital LPTV station
KHPB-CA 45 BASTROP TX USERRECORD01

Station
KHPB-CA 45 BASTROP TX BLTTA20020405ABF

Station inside contour of Digital LPTV station
KHPB-CA 45 BASTROP TX USERRECORD01

Station
KXLN-DT 45 ROSENBERG TX BLCDT20091211AEX causes

Contour overlap to Digital LPTV station
KHPB-CA 45 BASTROP TX USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

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

OET-69 Interference Analysis, KHPB-CA, Bastrop, TX, Channel 45 (worst-case scenarios)

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	City/State	ARN
45	KHPB-CA	BASTROP TX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	KHPG-CA	GIDDINGS TX	27.8	LIC	BLTTA	-20020913AAQ
31	KPLE-CA	KILLEEN TX	115.0	LIC	BLTTT	-19930713IH
42	KSSJ-LP	SAN ANTONIO TX	129.2	LIC	BLTTT	-20110325ABK
44	KHPF-CA	FREDERICKSBURG TX	160.5	LIC	BLTTA	-20021004AAC
44	KHPF-CA	FREDERICKSBURG TX	160.5	CP	BDFCDTA	-20060329AHQ
44	KZJL	HOUSTON TX	177.4	CP	BPCDT	-20080612AAQ
44	KZJL	HOUSTON TX	177.4	LIC	BLCDT	-20060524AEC
44	KGMM-CA	SAN ANTONIO TX	138.1	LIC	BLTTA	-20040406AAU
44	NEW	VICTORIA TX	131.3	APP	BNPDTL	-20100510AKJ
44	KWKT-TV	WACO TX	129.9	LIC	BLCDT	-20090612AIS
45	K45HY	LAKE CHARLES LA	382.1	CP	BDFCDTL	-20090824AAZ
45	K45HY	LAKE CHARLES LA	382.0	LIC	BLTTT	-20070316ACZ
45	K45LK-D	COLLEGE STATION TX	100.4	CP	BNPDTL	-20100119AEC
45	KXCC-CA	CORPUS CHRISTI TX	262.2	LIC	BLTTT	-19931126JE
45	DK45HZ	CROCKETT TX	212.4	APP	BSTA	-20080117AAE
45	KDTX-TV	DALLAS TX	267.2	LIC	BLCDT	-20041105AON
45	K45MC-D	OZONA TX	378.4	CP	BNPDTL	-20100329ACN
45	KAZP-LP	PORT ARTHUR TX	310.1	LIC	BLTTT	-20090416ATV
45	KXLN-DT	ROSENBERG TX	177.4	LIC	BLCDT	-20091211AEX
45	DK45HW	SAN ANGELO TX	341.5	CP	BDFCDTL	-20100726AKB
45	DK45FJ	SAN ANTONIO TX	138.2	APP	BDFCDTT	-20060330AHD
45	KVTX-LP	VICTORIA TX	154.6	LIC	BLTTT	-20010523ABB
45	KVTX-LP	VICTORIA TX	145.3	CP	BDFCDTL	-20080804ADY
46	NEW	BEEVILLE-REFUGIO TX	197.3	APP	BDCCDTL	-20061026AAD
46	KNCT	BELTON TX	100.8	LIC	BLEDT	-20100322ACY
46	KBPX-LD	HOUSTON TX	177.0	LIC	BLDTL	-20100629ATU
46	KQVE-LP	LA VERNIA TX	138.1	LIC	BLTTT	-20001219AAU
46	KSAA-LP	SAN ANTONIO TX	146.9	APP	BDISDTL	-20081222AAW
46	KQVE-LP	SAN ANTONIO TX	146.5	APP	BPTTL	-20010412AAA
47	K47ED	COLLEGE STATION TX	100.4	LIC	BLTT	-19930505IG
47	KTXU-LP	WEST LAKE HILLS TX	58.8	LIC	BLTTT	-20050124ADH

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	KHPG-CA	GIDDINGS TX	BLTTA	-20020913AAQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KYLE-DR	BRYAN TX	74.4	APP	BPRM	-20090203AEO
28	KYLE-TV	BRYAN TX	74.4	LIC	BLCDT	-20090612ABZ
31	KJIB-LP	HOUSTON TX	153.0	CP	BDISDTL	-20090303AAK
31	KFXK-TV	LONGVIEW TX	298.1	LIC	BLCDT	-20060705AAW
31	KVHM-LP	VICTORIA TX	157.2	LIC	BLTTT	-19980616JF
33	KVUE	AUSTIN TX	84.9	LIC	BLCDT	-20050624AAI
46	KNCT	BELTON TX	111.5	LIC	BLEDT	-20100322ACY
45	KHPB-CA	BASTROP TX	27.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 2

OET-69 Interference Analysis, KHPB-CA, Bastrop, TX, Channel 45 (worst-case scenarios)

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	KPLE-CA	KILLEEN TX	BLTTL -19930713IH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	KBVO	LLANO TX	90.3	LIC	BLCDDT -20090622ABA
28	KYLE-DR	BRYAN TX	133.1	APP	BPRM -20090203AEO
28	KYLE-TV	BRYAN TX	133.1	LIC	BLCDDT -20090612ABZ
30	KPLE-LD	KILLEEN TX	0.0	LIC	BLDTL -20090416ASY
31	KGSW-LP	KEENE TX	152.3	LIC	BLTTL -20050819ACA
31	KFXK-TV	LONGVIEW TX	295.0	LIC	BLCDDT -20060705AAW
33	KVUE	AUSTIN TX	84.5	LIC	BLCDDT -20050624AAI
46	KNCT	BELTON TX	15.2	LIC	BLEDT -20100322ACY
45	KHPB-CA	BASTROP TX	115.0	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	KSSJ-LP	SAN ANTONIO TX	BLTTL -20110325ABK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	KVDA	SAN ANTONIO TX	47.3	LIC	BLCDDT -20021015ABQ
39	KENS	SAN ANTONIO TX	49.5	LIC	BLCDDT -20090720ABH
41	KWEX-DT	SAN ANTONIO TX	47.2	CP	BPCDDT -20090626ACY
41	KWEX-DT	SAN ANTONIO TX	47.2	LIC	BLCDDT -20090619AAK
42	KPXD-TV	ARLINGTON TX	347.9	LIC	BLCDDT -20091022ACM
42	KTBU	CONROE TX	284.4	LIC	BLCDDT -20050103AJA
42	KVCV-LP	VICTORIA TX	177.1	LIC	BLTTL -20070511ABY
43	KEYE-TV	AUSTIN TX	94.2	LIC	BLCDDT -20031001BGN
49	KNVA	AUSTIN TX	94.8	LIC	BLCDDT -20080808ACP
45	KHPB-CA	BASTROP TX	129.2	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	KHPF-CA	FREDERICKSBURG TX	BLTTA -20021004AAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	KWEX-DT	SAN ANTONIO TX	123.3	CP	BPCDDT -20090626ACY
41	KWEX-DT	SAN ANTONIO TX	123.3	LIC	BLCDDT -20090619AAK
43	KEYE-TV	AUSTIN TX	104.3	LIC	BLCDDT -20031001BGN
44	KZJL	HOUSTON TX	334.5	CP	BPCDDT -20080612AAQ
44	KZJL	HOUSTON TX	334.5	LIC	BLCDDT -20060524AEC
44	KGMM-CA	SAN ANTONIO TX	123.3	LIC	BLTTA -20040406AAU
44	KWKT-TV	WACO TX	189.6	LIC	BLCDDT -20090612AIS
46	KNCT	BELTON TX	144.7	LIC	BLEDT -20100322ACY
48	WOAI-TV	SAN ANTONIO TX	125.3	LIC	BLCDDT -20090731ADF
45	KHPB-CA	BASTROP TX	160.5	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

OET-69 Interference Analysis, KHPB-CA, Bastrop, TX, Channel 45 (worst-case scenarios)

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	KHPF-CA	FREDERICKSBURG TX	BDFCDTA -20060329AHQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	KEYE-TV	AUSTIN TX	104.3	LIC	BLCDT -20031001BGN
44	KZJL	HOUSTON TX	334.5	CP	BPCDT -20080612AAQ
44	KZJL	HOUSTON TX	334.5	LIC	BLCDT -20060524AEC
44	KGMM-CA	SAN ANTONIO TX	123.3	LIC	BLTTA -20040406AAU
44	KWKT-TV	WACO TX	189.6	LIC	BLCDT -20090612AIS
45	KHPB-CA	BASTROP TX	160.5	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.
44	KZJL	HOUSTON TX	BPCDT -20080612AAQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	KSHV-TV	SHREVEPORT LA	376.2	LIC	BLCDT -20060215ACP
44	KWKT-TV	WACO TX	261.3	LIC	BLCDT -20090612AIS
45	KXLN-DT	ROSENBERG TX	0.0	LIC	BLCDT -20091211AEX
45	KHPB-CA	BASTROP TX	177.4	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.
44	KZJL	HOUSTON TX	BLCDT -20060524AEC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	KSHV-TV	SHREVEPORT LA	376.2	LIC	BLCDT -20060215ACP
44	KWKT-TV	WACO TX	261.3	LIC	BLCDT -20090612AIS
45	KXLN-DT	ROSENBERG TX	0.0	LIC	BLCDT -20091211AEX
45	KHPB-CA	BASTROP TX	177.4	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.
44	KGMM-CA	SAN ANTONIO TX	BLTTA -20040406AAU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	KWEX-DT	SAN ANTONIO TX	0.0	CP	BPCDT -20090626ACY
41	KWEX-DT	SAN ANTONIO TX	0.0	LIC	BLCDT -20090619AAK
43	KEYE-TV	AUSTIN TX	122.4	LIC	BLCDT -20031001BGN
44	KZJL	HOUSTON TX	267.7	CP	BPCDT -20080612AAQ
44	KZJL	HOUSTON TX	267.7	LIC	BLCDT -20060524AEC
44	KWKT-TV	WACO TX	241.7	LIC	BLCDT -20090612AIS
45	DK45FJ	SAN ANTONIO TX	0.5	APP	BDFCDTT -20060330AHD
48	WOAI-TV	SAN ANTONIO TX	2.8	LIC	BLCDT -20090731ADF
45	KHPB-CA	BASTROP TX	138.1	APP	USERRECORD-01

Proposal causes no interference

OET-69 Interference Analysis, KHPB-CA, Bastrop, TX, Channel 45 (worst-case scenarios)

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	NEW	VICTORIA TX	BNPDTL	-20100510AKJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	K44KI-D	CORPUS CHRISTI TX	136.5	CP	BNPDTL	-20090825AKU
44	KZJL	HOUSTON TX	165.8	CP	BPCDT	-20080612AAQ
44	KZJL	HOUSTON TX	165.8	LIC	BLCDT	-20060524AEC
44	KINE-LP	ROBSTOWN TX	154.1	LIC	BLTTL	-19990503JH
44	KGMM-CA	SAN ANTONIO TX	119.7	LIC	BLTTA	-20040406AAU
44	KWKT-TV	WACO TX	261.2	LIC	BLCDT	-20090612AIS
45	KVTX-LP	VICTORIA TX	24.8	LIC	BLTTL	-20010523ABB
45	KVTX-LP	VICTORIA TX	15.0	CP	BDFCDTL	-20080804ADY
45	KHPB-CA	BASTROP TX	131.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	KWKT-TV	WACO TX	BLCDT	-20090612AIS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	KEYE-TV	AUSTIN TX	119.4	LIC	BLCDT	-20031001BGN
43	KDTN	DENTON TX	140.9	LIC	BLEDT	-20040301AAH
44	KSHV-TV	SHREVEPORT LA	353.4	LIC	BLCDT	-20060215ACP
44	KZJL	HOUSTON TX	261.3	CP	BPCDT	-20080612AAQ
44	KZJL	HOUSTON TX	261.3	LIC	BLCDT	-20060524AEC
45	KDTX-TV	DALLAS TX	140.9	LIC	BLCDT	-20041105AON
45	KHPB-CA	BASTROP TX	129.9	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.
45	K45HY	LAKE CHARLES LA	BDFCDTL	-20090824AAZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	K63HF	LAKE CHARLES LA	1.3	APP	BDISDTL	-20090824AFG
45	K45IY	ALEXANDRIA LA	134.1	LIC	BLTT	-20060502ADK
45	WGMB-TV	BATON ROUGE LA	189.0	LIC	BLCDT	-20060103ACW
45	KAZP-LP	PORT ARTHUR TX	84.6	LIC	BLTTL	-20090416ATV
45	KXLN-DT	ROSENBERG TX	232.2	LIC	BLCDT	-20091211AEX
45	KHPB-CA	BASTROP TX	382.1	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 12

Analysis of current record

OET-69 Interference Analysis, KHPB-CA, Bastrop, TX, Channel 45 (worst-case scenarios)

Channel	Call	City/State	Application	Ref. No.
45	K45HY	LAKE CHARLES LA	BLTTL	-20070316ACZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	KBCA	ALEXANDRIA LA	92.4	LIC	BLCDT	-20090618AAN
44	K63HF	LAKE CHARLES LA	0.0	APP	BDISDTL	-20090824AFG
45	WGMB-TV	BATON ROUGE LA	189.1	LIC	BLCDT	-20060103ACW
45	KAZP-LP	PORT ARTHUR TX	84.0	LIC	BLTTL	-20090416ATV
45	KXLN-DT	ROSENBERG TX	231.8	LIC	BLCDT	-20091211AEX
45	KHPB-CA	BASTROP TX	382.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	K45LK-D	COLLEGE STATION TX	BNPDTL	-20100119AEC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	KWKT-TV	WACO TX	118.9	LIC	BLCDT	-20090612AIS
45	KHPB-CA	BASTROP TX	100.4	CP	BDFCDTA	-20060330ACV
45	KHPB-CA	BASTROP TX	100.4	LIC	BLTTA	-20020405ABF
45	DK45HZ	CROCKETT TX	112.5	APP	BSTA	-20080117AAE
45	KDTX-TV	DALLAS TX	218.2	LIC	BLCDT	-20041105AON
45	KXLN-DT	ROSENBERG TX	145.4	LIC	BLCDT	-20091211AEX
45	KVTX-LP	VICTORIA TX	214.2	CP	BDFCDTL	-20080804ADY
46	KNCT	BELTON TX	127.9	LIC	BLEDT	-20100322ACY
45	KHPB-CA	BASTROP TX	100.4	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.
45	KXCC-CA	CORPUS CHRISTI TX	BLTTL	-19931126JE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	KUQI	CORPUS CHRISTI TX	21.1	LIC	BLCDT	-20090612AFW
44	K44KI-D	CORPUS CHRISTI TX	5.4	CP	BNPDTL	-20090825AKU
45	KXLN-DT	ROSENBERG TX	269.0	LIC	BLCDT	-20091211AEX
45	KVTX-LP	VICTORIA TX	119.6	CP	BDFCDTL	-20080804ADY
46	NEW	CORPUS CHRISTI TX	0.7	APP	BNPDTL	-20100427ACR
45	KHPB-CA	BASTROP TX	262.2	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.
45	DK45HZ	CROCKETT TX	BSTA	-20080117AAE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	K45LK-D	COLLEGE STATION TX	112.5	CP	BNPDTL	-20100119AEC
45	KDTX-TV	DALLAS TX	196.5	LIC	BLCDT	-20041105AON
45	KXLN-DT	ROSENBERG TX	195.0	LIC	BLCDT	-20091211AEX
45	KHPB-CA	BASTROP TX	212.4	APP	USERRECORD-01	

Proposal causes no interference

OET-69 Interference Analysis, KHPB-CA, Bastrop, TX, Channel 45 (worst-case scenarios)

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	KDTX-TV	DALLAS TX	BLCDT -20041105AON

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	KWKT-TV	WACO TX	140.9	LIC	BLCDT -20090612AIS
45	KOTV-DT	TULSA OK	404.1	LIC	BLCDT -20090625ACJ
45	KXLN-DT	ROSENBERG TX	358.9	LIC	BLCDT -20091211AEX
46	KNCT	BELTON TX	184.4	LIC	BLEDT -20100322ACY
46	KTXD-TV	GREENVILLE TX	0.0	LIC	BLCDT -20040414ACS
45	KHPB-CA	BASTROP TX	267.2	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.
45	K45MC-D	OZONA TX	BNPDTL -20100329ACN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	NEW	ODESSA-MIDLAND TX	186.4	APP	BNPDTL -20100927AGC
45	DK45HW	SAN ANGELO TX	105.7	CP	BDFCDTL -20100726AKB
46	K46LP-D	OZONA TX	0.0	CP	BNPDTL -20100329ACO
45	KHPB-CA	BASTROP TX	378.4	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	KAZP-LP	PORT ARTHUR TX	BLTTL -20090416ATV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	WGMB-TV	BATON ROUGE LA	267.1	LIC	BLCDT -20060103ACW
45	K45HY	LAKE CHARLES LA	84.6	CP	BDFCDTL -20090824AAZ
45	K45HY	LAKE CHARLES LA	84.0	LIC	BLTTL -20070316ACZ
45	KXLN-DT	ROSENBERG TX	149.5	LIC	BLCDT -20091211AEX
46	K46LC-D	PORT ARTHUR TX	27.6	CP MOD	BMPDTL -20110318AAV
45	KHPB-CA	BASTROP TX	310.1	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	KXLN-DT	ROSENBERG TX	BLCDT -20091211AEX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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OET-69 Interference Analysis, KHPB-CA, Bastrop, TX, Channel 45 (worst-case scenarios)

44	KZJL	HOUSTON TX	0.0	CP	BPCDT	-20080612AAQ
44	KZJL	HOUSTON TX	0.0	LIC	BLCDT	-20060524AEC
45	WGMB-TV	BATON ROUGE LA	416.4	LIC	BLCDT	-20060103ACW
45	KDTX-TV	DALLAS TX	358.9	LIC	BLCDT	-20041105AON
45	KHPB-CA	BASTROP TX	177.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	DK45HW	SAN ANGELO TX	BDFCDTL -20100726AKB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	KDTX-TV	DALLAS TX	350.2	LIC	BLCDT -20041105AON
45	NEW	ODESSA-MIDLAND TX	185.7	APP	BNPDTL -20100927AGC
45	K45MC-D	OZONA TX	105.7	CP	BNPDTL -20100329ACN
45	K45LY-D	WESTBROOK TX	112.1	CP	BNPDTL -20100310ACI
45	KHPB-CA	BASTROP TX	341.5	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.
45	DK45FJ	SAN ANTONIO TX	BDFCDTT -20060330AHD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	KGMM-CA	SAN ANTONIO TX	0.5	LIC	BLTTA -20040406AAU
45	KHPB-CA	BASTROP TX	138.2	LIC	BLTTA -20020405ABF
45	KXCC-CA	CORPUS CHRISTI TX	186.0	LIC	BLTTL -19931126JE
45	KDTX-TV	DALLAS TX	382.2	LIC	BLCDT -20041105AON
45	KXLN-DT	ROSENBERG TX	267.5	LIC	BLCDT -20091211AEX
45	KVTX-LP	VICTORIA TX	138.0	LIC	BLTTL -20010523ABB
45	KVTX-LP	VICTORIA TX	120.4	CP	BDFCDTL -20080804ADY
46	KQVE-LP	LA VERNIA TX	0.6	LIC	BLTTL -20001219AAU
46	KSAA-LP	SAN ANTONIO TX	29.5	APP	BDISDTL -20081222AAW
46	KQVE-LP	SAN ANTONIO TX	27.6	APP	BPTTL -20010412AAA
45	KHPB-CA	BASTROP TX	138.2	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.
45	KVTX-LP	VICTORIA TX	BLTTL -20010523ABB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	KUQI	CORPUS CHRISTI TX	129.6	LIC	BLCDT -20090612AFW
38	KVDA	SAN ANTONIO TX	138.4	LIC	BLCDT -20021015ABQ
41	KWEX-DT	SAN ANTONIO TX	138.4	CP	BPCDT -20090626ACY
41	KWEX-DT	SAN ANTONIO TX	138.4	LIC	BLCDT -20090619AAK
44	NEW	VICTORIA TX	24.8	APP	BNPDTL -20100510AKJ
45	KXLN-DT	ROSENBERG TX	165.8	LIC	BLCDT -20091211AEX
48	WOAI-TV	SAN ANTONIO TX	138.0	LIC	BLCDT -20090731ADF
45	KHPB-CA	BASTROP TX	154.6	APP	USERRECORD-01

Proposal causes no interference

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OET-69 Interference Analysis, KHPB-CA, Bastrop, TX, Channel 45 (worst-case scenarios)

Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	KVTX-LP	VICTORIA TX	BDFCDTL -20080804ADY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	NEW	VICTORIA TX	15.0	APP	BNPDTL -20100510AKJ
45	KHPB-CA	BASTROP TX	145.3	LIC	BLTTA -20020405ABF
45	K45LK-D	COLLEGE STATION TX	214.2	CP	BNPDTL -20100119AEC
45	KXCC-CA	CORPUS CHRISTI TX	119.6	LIC	BLTTTL -19931126JE
45	KXLN-DT	ROSENBERG TX	175.9	LIC	BLCDT -20091211AEX
45	DK45FJ	SAN ANTONIO TX	120.4	APP	BDFCDTT -20060330AHD
46	NEW	BEEVILLE-REFUGIO TX	60.9	APP	BDCCDTL -20061026AAD
45	KHPB-CA	BASTROP TX	145.3	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	NEW	BEEVILLE-REFUGIO TX	BDCCDTL -20061026AAD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	KVTX-LP	VICTORIA TX	60.9	CP	BDFCDTL -20080804ADY
46	KNCT	BELTON TX	289.1	LIC	BLEDT -20100322ACY
46	NEW	CORPUS CHRISTI TX	66.1	APP	BNPDTL -20100427ACR
46	KBPX-LD	HOUSTON TX	231.6	LIC	BLDTL -20100629ATU
46	KQVE-LP	LA VERNIA TX	126.5	LIC	BLTTTL -20001219AAU
46	KSAA-LP	SAN ANTONIO TX	154.3	APP	BDISDTL -20081222AAW
46	KQVE-LP	SAN ANTONIO TX	152.4	APP	BPTTL -20010412AAA
45	KHPB-CA	BASTROP TX	197.3	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	KNCT	BELTON TX	BLEDT -20100322ACY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	KDTX-TV	DALLAS TX	184.4	LIC	BLCDT -20041105AON
46	KTXD-TV	GREENVILLE TX	184.4	LIC	BLCDT -20040414ACS
45	KHPB-CA	BASTROP TX	100.8	APP	USERRECORD-01

Total scenarios = 1

Result key:

1
Scenario 1 Affected station 25
Before Analysis

Results for: 46A TX BELTON BLEDT 20100322ACY LIC
HAAT 392.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1746095	30016.4
not affected by terrain losses	1730176	29443.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	20115	934.1
lost to ATV IX only	20115	934.1
lost to all IX	20115	934.1

OET-69 Interference Analysis, KHPB-CA, Bastrop, TX, Channel 45 (worst-case scenarios)

Potential Interfering Stations Included in above Scenario 1

46A TX GREENVILLE BLCDT 20040414ACS LIC

After Analysis

Results for: 46A TX BELTON BLEDT 20100322ACY LIC

HAAT 392.0 m, ATV ERP 500.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	1746095	30016.4
not affected by terrain losses	1730176	29443.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	20665	960.9
lost to ATV IX only	20665	960.9
lost to all IX	20665	960.9

Potential Interfering Stations Included in above Scenario 1

46A TX GREENVILLE BLCDT 20040414ACS LIC
45A TX BASTROP USERRECORD01 APP

Percent new IX = 0.0322%

Worst case new IX 0.0322% Scenario 1

#####

Analysis of Interference to Affected Station 26

Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	KBPX-LD	HOUSTON TX	BLDTL -20100629ATU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	KXLN-DT	ROSENBERG TX	1.0	LIC	BLCDT -20091211AEX
46	NEW	BEEVILLE-REFUGIO TX	231.6	APP	BDCCDTL -20061026AAD
46	KNCT	BELTON TX	257.2	LIC	BLEDT -20100322ACY
46	KTXD-TV	GREENVILLE TX	358.0	LIC	BLCDT -20040414ACS
46	KQVE-LP	LA VERNIA TX	267.8	LIC	BLTTL -20001219AAU
46	K46LC-D	PORT ARTHUR TX	148.0	CP MOD	BMPDTL -20110318AAV
47	KYAZ	KATY TX	1.0	LIC	BLCDT -20100126ACZ
45	KHPB-CA	BASTROP TX	177.0	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 27

Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	KQVE-LP	LA VERNIA TX	BLTTL -20001219AAU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	KVDA	SAN ANTONIO TX	0.1	LIC	BLCDT -20021015ABQ
39	KENS	SAN ANTONIO TX	2.8	LIC	BLCDT -20090720ABH
43	KEYE-TV	AUSTIN TX	122.4	LIC	BLCDT -20031001BGN
45	DK45FJ	SAN ANTONIO TX	0.6	APP	BDFCDTT -20060330AHD
46	NEW	BEEVILLE-REFUGIO TX	126.5	APP	BDCCDTL -20061026AAD
46	KNCT	BELTON TX	197.5	LIC	BLEDT -20100322ACY
46	KTXD-TV	GREENVILLE TX	381.8	LIC	BLCDT -20040414ACS
46	KSAA-LP	SAN ANTONIO TX	29.0	APP	BDISDTL -20081222AAW
47	KSSJ-LP	SAN ANTONIO TX	47.2	APP	BSTA -20110329AAS
47	KSSJ-LP	SAN ANTONIO TX	47.2	CP	BDISDTL -20100803ADM
48	WOAI-TV	SAN ANTONIO TX	2.8	LIC	BLCDT -20090731ADF
49	KNVA	AUSTIN TX	122.9	LIC	BLCDT -20080808ACP
45	KHPB-CA	BASTROP TX	138.1	APP	USERRECORD-01

Proposal causes no interference

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OET-69 Interference Analysis, KHPB-CA, Bastrop, TX, Channel 45 (worst-case scenarios)

Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	KSAA-LP	SAN ANTONIO TX	BDISDTL -20081222AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	DK45FJ	SAN ANTONIO TX	29.5	APP	BDFCDTT -20060330AHD
46	NEW	BEEVILLE-REFUGIO TX	154.3	APP	BDCCDTL -20061026AAD
46	KNCT	BELTON TX	191.1	LIC	BLEDT -20100322ACY
46	KTXD-TV	GREENVILLE TX	375.0	LIC	BLCDT -20040414ACS
46	KQVE-LP	LA VERNIA TX	29.0	LIC	BLTTL -20001219AAU
46	KQVE-LP	SAN ANTONIO TX	2.0	APP	BPTTL -20010412AAA
47	KSSJ-LP	SAN ANTONIO TX	27.6	APP	BSTA -20110329AAS
47	KSSJ-LP	SAN ANTONIO TX	27.6	CP	BDISDTL -20100803ADM
45	KHPB-CA	BASTROP TX	146.9	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 29

Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	KQVE-LP	SAN ANTONIO TX	BPTTL -20010412AAA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	KVDA	SAN ANTONIO TX	27.2	LIC	BLCDT -20021015ABQ
39	KENS	SAN ANTONIO TX	28.2	LIC	BLCDT -20090720ABH
43	KEYE-TV	AUSTIN TX	119.5	LIC	BLCDT -20031001BGN
45	DK45FJ	SAN ANTONIO TX	27.6	APP	BDFCDTT -20060330AHD
46	KNCT	BELTON TX	191.9	LIC	BLEDT -20100322ACY
46	KTXD-TV	GREENVILLE TX	375.8	LIC	BLCDT -20040414ACS
46	KSAA-LP	SAN ANTONIO TX	2.0	APP	BDISDTL -20081222AAW
47	KSSJ-LP	SAN ANTONIO TX	28.8	APP	BSTA -20110329AAS
47	KSSJ-LP	SAN ANTONIO TX	28.8	CP	BDISDTL -20100803ADM
48	WOAI-TV	SAN ANTONIO TX	28.2	LIC	BLCDT -20090731ADF
49	KNVA	AUSTIN TX	120.1	LIC	BLCDT -20080808ACP
45	KHPB-CA	BASTROP TX	146.5	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 30

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	K47ED	COLLEGE STATION TX	BLTT -19930505IG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	KEYE-TV	AUSTIN TX	144.0	LIC	BLCDT -20031001BGN
44	KZJL	HOUSTON TX	145.4	CP	BPCDT -20080612AAQ
44	KZJL	HOUSTON TX	145.4	LIC	BLCDT -20060524AEC
44	KWKT-TV	WACO TX	118.9	LIC	BLCDT -20090612AIS
45	KXLN-DT	ROSENBERG TX	145.4	LIC	BLCDT -20091211AEX
46	KNCT	BELTON TX	127.9	LIC	BLEDT -20100322ACY
47	KYAZ	KATY TX	145.4	LIC	BLCDT -20100126ACZ
47	KTXU-LP	WEST LAKE HILLS TX	143.6	LIC	BLTTL -20050124ADH
48	K48NM-D	COLLEGE STATION TX	4.6	CP	BNPDTL -20100728ADP
49	KNVA	AUSTIN TX	143.5	LIC	BLCDT -20080808ACP
50	KBTX-TV	BRYAN TX	32.3	LIC	BLCDT -20090309ABZ
45	KHPB-CA	BASTROP TX	100.4	APP	USERRECORD-01

Proposed station is beyond the site to

OET-69 Interference Analysis, KHPB-CA, Bastrop, TX, Channel 45 (worst-case scenarios)

nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 31

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	KTXU-LP	WEST LAKE HILLS TX	BLTTL -20050124ADH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	KENS	SAN ANTONIO TX	125.4	LIC	BLCDT -20090720ABH
43	KEYE-TV	AUSTIN TX	0.4	LIC	BLCDT -20031001BGN
44	KWKT-TV	WACO TX	119.1	LIC	BLCDT -20090612AIS
46	KNCT	BELTON TX	75.4	LIC	BLEDT -20100322ACY
47	KYAZ	KATY TX	236.2	LIC	BLCDT -20100126ACZ
47	KSSJ-LP	SAN ANTONIO TX	94.6	APP	BSTA -20110329AAS
47	KSSJ-LP	SAN ANTONIO TX	94.6	CP	BDISDTL -20100803ADM
48	WOAI-TV	SAN ANTONIO TX	125.4	LIC	BLCDT -20090731ADF
49	KNVA	AUSTIN TX	0.3	LIC	BLCDT -20080808ACP
45	KHPB-CA	BASTROP TX	58.8	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 32

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	KHPB-CA	BASTROP TX	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	KWKT-TV	WACO TX	129.9	LIC	BLCDT -20090612AIS
45	K45LK-D	COLLEGE STATION TX	100.4	CP	BNPDTL -20100119AEC
45	KDTX-TV	DALLAS TX	267.2	LIC	BLCDT -20041105AON
45	KXLN-DT	ROSENBERG TX	177.4	LIC	BLCDT -20091211AEX
45	DK45FJ	SAN ANTONIO TX	138.2	APP	BDFCDTT -20060330AHD
45	KVTX-LP	VICTORIA TX	145.3	CP	BDFCDTL -20080804ADY
46	KNCT	BELTON TX	100.8	LIC	BLEDT -20100322ACY

Total scenarios = 1

Result key:

2

Scenario 1 Affected station 32
Before Analysis

Results for: 45A TX BASTROP USERRECORD01 APP

HAAT 124.0 m, ATV ERP 0.2 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	26420	969.2
not affected by terrain losses	26420	969.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14	2.9
lost to ATV IX only	14	2.9
lost to all IX	14	2.9

Potential Interfering Stations Included in above Scenario 1

45A TX ROSENBERG BLCDT 20091211AEX LIC

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