

KBPX-LD DISPLACEMENT APPLICATION FOR CH 27 15 kW DA
HOUSTON, TEXAS
ENGINEERING NARRATIVE AND RF RADIATION ENVIRONMENTAL ANALYSIS
MAY 2018

The proposed facility qualifies for displacement as described in FCC PN DA 18-124 released February 9, 2018. KBPX-LD is a licensed and operating digital LPTV facility on ch 46 as authorized in file number 0000035884. The KBPX-LD facility is clearly displaced since it is currently assigned out of core TV Channel 46.

The proposed antenna system is an RFS PEPSIL18C Cardioid Pattern-3C4, elliptically polarized antenna with 1.0 degree electrical beam tilt. The maximum relative field in the elevation pattern across the depression angle range of 20 to 90 degrees is less than 0.15 with a radiation center 381 meters above ground. Utilizing formula 10 OF OET Bulletin No. 65, Edition 97-01, a value F of 0.2 has been used to calculate the power density 2 meters above ground. The maximum power density is 0.279 uw/cm squared calculated for an ERP OF 15,000 watts H. polarization and 15,000 watts V. polarization. This value is 0.076% of the Public Exposure MPE per section 1.1310. Based on this analysis it is believed that the proposed facility is in compliance with OET-65 Guidelines.

The applicant will reduce power or cease transmission as required to meet FCC OET-65 Guidelines.

The proposed tower is at an existing site with, building, access road and power.

Attached is a copy of the TVStudy Report and TV Interference analysis for CH 27 based on the proposed 15 kW ERP and DA antenna described above with an orientation of 245 degrees. As can be seen by examination of the Report and TV ISIX tabulation there is no impermissible caused interference other than to and from proposed KQHO-LD, CH 27 application for Houston, Texas FCC file 0000053158. It is believed that the proposed facility provides full protection to all currently authorized television facilities.

Report Tabulation:

Study created: 2018.05.07 14:18:08

Study build station data: LMS TV 2018-05-04

Proposal: KBPX-LD D27 LD LIC HOUSTON, TX
File number: BLDTL20100629ATU
Facility ID: 17746
Station data: User record
Record ID: 348
Country: U.S.

Search options:

All records for new LPTV stations excluded

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KRIV	D26	DT	APP	HOUSTON, TX	BLANK0000035805	1.7 km
No	KRIV	D26	DT	LIC	HOUSTON, TX	BLCDDT20111212AHM	1.7
No	KXTS-LD	D26	LD	APP	VICTORIA, TX	BLANK0000052678	176.3
No	KXXV	D26	DT	LIC	WACO, TX	BLCDDT20050630AFE	261.3
No	KWCE-LP	N27-	TX	LIC	ALEXANDRIA, LA	BLTTTL20060714ACI	354.8
No	K43MS-D	D27	LD	APP	LAFAYETTE, LA	BLANK0000051601	383.7
No	KNYS-LD	D27	LD	LIC	NATCHITOCHE, LA	BLDTL20120203AAD	331.2
No	K42FE-D	D27	LD	APP	SHREVEPORT, LA	BLANK0000049061	362.7
No	W27DJ-D	D27	LD	CP	SULPHUR, LA	BNPDDL20100407ABL	210.4
No	KAOB-LD	D27	LD	LIC	BEAUMONT, TX	BLDTL20090910AAA	154.9
No	KODF-LD	D27	LD	LIC	BRITTON, TX	BLDTL20100324ACQ	363.1
No	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDDT20060626ACE	292.8
No	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	363.0
No	KDFI	D27	DT	CP	DALLAS, TX	BLANK0000027211	358.0
No	K27JJ-D	D27	LD	LIC	FORBES/JASPER CTY, TX	BLDTL20110610AAD	152.1
Yes	KQHO-LD	D27	LD	APP	HOUSTON, TX	BLANK0000053158	25.4
Yes	KBVO	D27	DT	LIC	LLANO, TX	BLCDDT20090622ABA	318.5
No	KLUF-LP	D27-	LD	CP	LUFKIN, TX	BLANK0000010680	211.8
No	KBTU-TV	D27	DT	CP	PORT ARTHUR, TX	BLANK0000034248	160.7
No	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	289.0
No	K27LU-D	D27	LD	LIC	STEPHENVILLE, TX	BLDTL20140610AAO	401.7
No	KDKJ-LD	D27	LD	LIC	TYLER, TX	BLANK0000001765	299.1
No	KUNU-LD	D27	LD	APP	VICTORIA, TX	BLANK0000052679	176.3
No	KUGB-CD	D28	DC	LIC	HOUSTON, TX	BLDTA20120801ALF	0.0
No	KETX-LP	D28	LD	CP	LIVINGSTON, TX	BDISDDL20090814AAJ	141.5

No	WOAI-TV	D28	DT	CP	SAN ANTONIO, TX	BLANK0000025130	268.8
No	WOAI-TV	D28	DT	APP	SAN ANTONIO, TX	BLANK0000033833	268.8
No	KUNU-LD	D28	LD	LIC	VICTORIA, TX	BLDTL20131112BSU	176.3
No	KWKT-TV	D28	DT	CP	WACO, TX	BLANK0000028462	260.5
No	KWKT-TV	D28	DT	APP	WACO, TX	BLANK0000034740	260.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D27
 Mask: Full Service
 Latitude: 29 34 16.00 N (NAD83)
 Longitude: 95 30 38.00 W
 Height AMSL: 404.0 m
 HAAT: 0.0 m
 Peak ERP: 15.0 kW
 Antenna: RFS PEPSIL18C 3C4 PANEL` 245.0 deg
 Elev Pattn: Generic
 Elec Tilt: 1.00

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	4.87 kW	384.3 m	54.7 km
45.0	0.074	386.5	30.2
90.0	0.122	385.8	33.0
135.0	6.73	384.6	56.5
180.0	9.24	385.8	58.3
225.0	7.78	385.5	57.3
270.0	9.13	383.4	58.1
315.0	10.1	379.4	58.4

Database HAAT does not agree with computed HAAT
 Database HAAT: 0 m Computed HAAT: 384 m

Distance to Canadian border: 1764.5 km

Distance to Mexican border: 423.2 km

Conditions at FCC monitoring station: Kingsville TX
 Bearing: 225.0 degrees Distance: 331.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 325.6 degrees Distance: 1467.5 km

Study cell size: 1.00 km
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

**MX with BLANK0000053158 APP scenario 1, 47.58% interference caused
**MX with BLANK0000053158 APP scenario 2, 47.58% interference caused

---- Below is IX received by proposal BLDTL20100629ATU ----

**MX with scenario 1, 89.41% interference received
**MX with BLANK0000053158 APP scenario 2, 89.41% interference received

TV ISIX Study:

tvstudy v2.2.5 (4uoc83)
Database: 127.0.0.1, Study: BLDTL20100629ATU #1033, Model: Longley-Rice
Start: 2018.05.07 14:18:08

Study created: 2018.05.07 14:18:08

Study build station data: LMS TV 2018-05-04

Proposal: KBPX-LD D27 LD LIC HOUSTON, TX
File number: BLDTL20100629ATU
Facility ID: 17746
Station data: User record
Record ID: 348
Country: U.S.

Search options:
All records for new LPTV stations excluded

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KRIV	D26	DT	APP	HOUSTON, TX	BLANK0000035805	1.7 km
No	KRIV	D26	DT	LIC	HOUSTON, TX	BLC DT20111212AHM	1.7
No	KXTS-LD	D26	LD	APP	VICTORIA, TX	BLANK0000052678	176.3
No	KXXV	D26	DT	LIC	WACO, TX	BLC DT20050630AFE	261.3
No	KWCE-LP	N27-	TX	LIC	ALEXANDRIA, LA	BLTTTL20060714ACI	354.8

No	K43MS-D	D27	LD	APP	LAFAYETTE, LA	BLANK0000051601	383.7
No	KNYS-LD	D27	LD	LIC	NATCHITOCHEs, LA	BLDTL20120203AAD	331.2
No	K42FE-D	D27	LD	APP	SHREVEPORT, LA	BLANK0000049061	362.7
No	W27DJ-D	D27	LD	CP	SULPHUR, LA	BNPDTL20100407ABL	210.4
No	KA0B-LD	D27	LD	LIC	BEAUMONT, TX	BLDTL20090910AAA	154.9
No	KODF-LD	D27	LD	LIC	BRITTON, TX	BLDTL20100324ACQ	363.1
No	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	292.8
No	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	363.0
No	KDFI	D27	DT	CP	DALLAS, TX	BLANK0000027211	358.0
No	K27JJ-D	D27	LD	LIC	FORBES/JASPER CTY, TX	BLDTL20110610AAD	152.1
Yes	KQHO-LD	D27	LD	APP	HOUSTON, TX	BLANK0000053158	25.4
Yes	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	318.5
No	KLUF-LP	D27-	LD	CP	LUFKIN, TX	BLANK0000010680	211.8
No	KBTv-TV	D27	DT	CP	PORT ARTHUR, TX	BLANK0000034248	160.7
No	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	289.0
No	K27LU-D	D27	LD	LIC	STEPHENVILLE, TX	BLDTL20140610AAO	401.7
No	KDKJ-LD	D27	LD	LIC	TYLER, TX	BLANK0000001765	299.1
No	KUNU-LD	D27	LD	APP	VICTORIA, TX	BLANK0000052679	176.3
No	KUGB-CD	D28	DC	LIC	HOUSTON, TX	BLDTA20120801ALF	0.0
No	KETX-LP	D28	LD	CP	LIVINGSTON, TX	BDISDTL20090814AAJ	141.5
No	WOAI-TV	D28	DT	CP	SAN ANTONIO, TX	BLANK0000025130	268.8
No	WOAI-TV	D28	DT	APP	SAN ANTONIO, TX	BLANK0000033833	268.8
No	KUNU-LD	D28	LD	LIC	VICTORIA, TX	BLDTL20131112BSU	176.3
No	KWKT-TV	D28	DT	CP	WACO, TX	BLANK0000028462	260.5
No	KWKT-TV	D28	DT	APP	WACO, TX	BLANK0000034740	260.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D27
Mask: Full Service
Latitude: 29 34 16.00 N (NAD83)
Longitude: 95 30 38.00 W
Height AMSL: 404.0 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: RFS PEPSIL18C 3C4 PANEL` 245.0 deg
Elev Pattn: Generic
Elec Tilt: 1.00

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	4.87 kW	384.3 m	54.7 km

45.0	0.074	386.5	30.2
90.0	0.122	385.8	33.0
135.0	6.73	384.6	56.5
180.0	9.24	385.8	58.3
225.0	7.78	385.5	57.3
270.0	9.13	383.4	58.1
315.0	10.1	379.4	58.4

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 384 m

Distance to Canadian border: 1764.5 km

Distance to Mexican border: 423.2 km

Conditions at FCC monitoring station: Kingsville TX
Bearing: 225.0 degrees Distance: 331.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 325.6 degrees Distance: 1467.5 km

Study cell size: 1.00 km
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

Interference to BLANK0000053158 APP scenario 1
**MX: 47.58% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KQHO-LD	D27	LD	APP	HOUSTON, TX	BLANK0000053158	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	25.4 km
	KRIV	D26	DT	APP	HOUSTON, TX	BLANK0000035805	24.1
	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	349.5
	KBTW-TV	D27	DT	CP	PORT ARTHUR, TX	BLANK0000034248	139.7
	KUGB-CD	D28	DC	LIC	HOUSTON, TX	BLDTA20120801ALF	25.4

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	8738.4	5,082,150	8738.4	5,082,150	8572.5	4,983,395	3106.0	2,612,530	63.77 47.58

Undesired		Total IX	Unique IX, before	Unique IX, after
KBPX-LD D27 LD LIC	5598.2	2,462,196		5466.5 2,370,865
KRIV D26 DT APP	165.8	98,755	76.4 40,652	23.1 6,674
KBTB-TV D27 DT CP	9.1	10,773	0.0 0	0.0 0
KUGB-CD D28 DC LIC	89.5	58,103	0.0 0	0.0 0

Interference to BLANK0000053158 APP scenario 2

**MX: 47.58% interference caused

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KQHO-LD	D27	LD	APP	HOUSTON, TX	BLANK0000053158	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	25.4 km
	KRIV	D26	DT	LIC	HOUSTON, TX	BLCDT20111212AHM	24.1
	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	349.5
	KBTB-TV	D27	DT	CP	PORT ARTHUR, TX	BLANK0000034248	139.7
	KUGB-CD	D28	DC	LIC	HOUSTON, TX	BLDTA20120801ALF	25.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
8738.4 5,082,150	8738.4 5,082,150	8587.6 4,990,683	3112.0 2,615,982	63.76 47.58

Undesired		Total IX	Unique IX, before	Unique IX, after
KBPX-LD D27 LD LIC	5598.2	2,462,196		5475.6 2,374,701
KRIV D26 DT LIC	150.8	91,467	61.3 33,364	17.1 3,222
KBTB-TV D27 DT CP	9.1	10,773	0.0 0	0.0 0
KUGB-CD D28 DC LIC	89.5	58,103	0.0 0	0.0 0

Interference to BLCDT20090622ABA LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	342.2
	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	259.9
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	CP	SAN ANTONIO, TX	BLANK0000025130	159.1
	KWKT-TV	D28	DT	CP	WACO, TX	BLANK0000028462	137.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
--------------	-----------------	-----------------	----------------	----------------

24658.1	1,491,118	23297.2	1,319,314	21940.5	1,158,068	21940.5	1,158,068	0.00	0.00
---------	-----------	---------	-----------	---------	-----------	---------	-----------	------	------

Undesired		Total IX	Unique IX, before	Unique IX, after
KBPX-LD D27 LD LIC	3.0	2,880	0.0	0
KPXL-TV D26 DT LIC	68.2	183	16.1	0
KXXV D26 DT LIC	696.2	93,463	277.6	22,849
KORO D27 DT LIC	227.7	55,622	66.2	36,108
KDFI D27 DT APP	449.2	45,919	212.1	3,551
KNIC-CD D27 DC CP	356.0	42,574	117.5	7,930
WOAI-TV D28 DT CP	44.2	549	4.0	67
KWKT-TV D28 DT CP	391.2	70,632	13.3	93

Interference to BLCDT20090622ABA LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	342.2
	KDFI	D27	DT	CP	DALLAS, TX	BLANK0000027211	257.3
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	CP	SAN ANTONIO, TX	BLANK0000025130	159.1
	KWKT-TV	D28	DT	CP	WACO, TX	BLANK0000028462	137.8

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
24658.1	1,491,118	23297.2	1,319,314	22084.7	1,159,618	22084.7	1,159,618	0.00	0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
KBPX-LD D27 LD LIC	3.0	2,880	0.0	0
KPXL-TV D26 DT LIC	68.2	183	16.1	0
KXXV D26 DT LIC	696.2	93,463	314.2	22,933
KORO D27 DT LIC	227.7	55,622	66.2	36,108
KDFI D27 DT CP	186.0	23,055	68.0	2,001
KNIC-CD D27 DC CP	356.0	42,574	120.5	8,151
WOAI-TV D28 DT CP	44.2	549	4.0	67
KWKT-TV D28 DT CP	391.2	70,632	21.4	184

Interference to BLCDT20090622ABA LIC scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	

Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDDT20060626ACE	342.2
	KDFI	D27	DT	BL	DALLAS, TX	DTVBL17037	257.3
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	CP	SAN ANTONIO, TX	BLANK0000025130	159.1
	KWKT-TV	D28	DT	CP	WACO, TX	BLANK0000028462	137.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
24658.1	1,491,118	23297.2	1,319,314	22078.6	1,159,613	22078.6	1,159,613	0.00 0.00

Undesired			Total IX		Unique IX, before		Unique IX, after
KBPX-LD D27 LD LIC	3.0		2,880		0.0		0
KPXL-TV D26 DT LIC	68.2		183		16.1		0
KXXV D26 DT LIC	696.2		93,463		314.2	22,933	22,933
KORO D27 DT LIC	227.7		55,622		66.2	36,108	36,108
KDFI D27 DT BL	199.3		23,125		74.1	2,006	2,006
KNIC-CD D27 DC CP	356.0		42,574		118.5	8,151	6,044
WOAI-TV D28 DT CP	44.2		549		4.0	67	67
KWKT-TV D28 DT CP	391.2		70,632		20.4	184	184

Interference to BLCDDT20090622ABA LIC scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KBVO	D27	DT	LIC	LLANO, TX	BLCDDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDDT20060626ACE	342.2
	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	259.9
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	CP	SAN ANTONIO, TX	BLANK0000025130	159.1
	KWKT-TV	D28	DT	APP	WACO, TX	BLANK0000034740	137.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
24658.1	1,491,118	23297.2	1,319,314	21927.4	1,157,082	21927.4	1,157,082	0.00 0.00

Undesired			Total IX		Unique IX, before		Unique IX, after
KBPX-LD D27 LD LIC	3.0		2,880		0.0		0
KPXL-TV D26 DT LIC	68.2		183		16.1		0

KXXV D26 DT LIC	696.2	93,463	143.7	12,046	143.7	12,046
KORO D27 DT LIC	227.7	55,622	66.2	36,108	66.2	36,108
KDFI D27 DT APP	449.2	45,919	210.1	3,551	210.1	3,551
KNIC-CD D27 DC CP	356.0	42,574	116.5	7,924	115.5	5,817
WOAI-TV D28 DT CP	44.2	549	4.0	67	4.0	67
KWKT-TV D28 DT APP	579.9	82,491	26.4	1,079	26.4	1,079

Interference to BLCDT20090622ABA LIC scenario 5

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	342.2
	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	259.9
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	CP	SAN ANTONIO, TX	BLANK0000025130	159.1
	KWKT-TV	D28	DT	BL	WACO, TX	DTVBL12522	137.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
24658.1	1,491,118	23297.2	1,319,314	21940.5	1,158,068	21940.5	1,158,068	0.00	0.00
Undesired		Total IX		Unique IX, before		Unique IX, after			
KBPX-LD D27 LD LIC	3.0	2,880			0.0	0			
KPXL-TV D26 DT LIC	68.2	183	16.1	0	16.1	0			
KXXV D26 DT LIC	696.2	93,463	277.6	22,819	277.6	22,819			
KORO D27 DT LIC	227.7	55,622	66.2	36,108	66.2	36,108			
KDFI D27 DT APP	449.2	45,919	212.1	3,551	212.1	3,551			
KNIC-CD D27 DC CP	356.0	42,574	117.5	7,930	116.5	5,823			
WOAI-TV D28 DT CP	44.2	549	4.0	67	4.0	67			
KWKT-TV D28 DT BL	391.2	70,662	13.3	93	13.3	93			

Interference to BLCDT20090622ABA LIC scenario 6

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	342.2

KDFI	D27	DT	CP	DALLAS, TX	BLANK0000027211	257.3
KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
WOAI-TV	D28	DT	CP	SAN ANTONIO, TX	BLANK0000025130	159.1
KWKT-TV	D28	DT	APP	WACO, TX	BLANK0000034740	137.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
24658.1 1,491,118	23297.2 1,319,314	22069.5 1,158,632	22069.5 1,158,632	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KBPX-LD D27 LD LIC 3.0	2,880	0.0 0	
KPXL-TV D26 DT LIC 68.2	183	16.1 0	
KXXV D26 DT LIC 696.2	93,463	152.9 12,091	
KORO D27 DT LIC 227.7	55,622	66.2 36,108	
KDFI D27 DT CP 186.0	23,055	68.0 2,001	
KNIC-CD D27 DC CP 356.0	42,574	119.5 8,145	
WOAI-TV D28 DT CP 44.2	549	4.0 67	
KWKT-TV D28 DT APP 579.9	82,491	36.6 1,170	

Interference to BLCDDT20090622ABA LIC scenario 7

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KBVO	D27	DT	LIC	LLANO, TX	BLCDDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDDT20060626ACE	342.2
	KDFI	D27	DT	BL	DALLAS, TX	DTVBL17037	257.3
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	CP	SAN ANTONIO, TX	BLANK0000025130	159.1
	KWKT-TV	D28	DT	APP	WACO, TX	BLANK0000034740	137.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
24658.1 1,491,118	23297.2 1,319,314	22063.4 1,158,627	22063.4 1,158,627	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KBPX-LD D27 LD LIC 3.0	2,880	0.0 0	
KPXL-TV D26 DT LIC 68.2	183	16.1 0	
KXXV D26 DT LIC 696.2	93,463	152.9 12,091	
KORO D27 DT LIC 227.7	55,622	66.2 36,108	
KDFI D27 DT BL 199.3	23,125	74.1 2,006	
KNIC-CD D27 DC CP 356.0	42,574	117.5 8,145	
WOAI-TV D28 DT CP 44.2	549	4.0 67	

KWKT-TV D28 DT APP	579.9	82,491	35.6	1,170	35.6	1,170
--------------------	-------	--------	------	-------	------	-------

Interference to BLCDT20090622ABA LIC scenario 8

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	342.2
	KDFI	D27	DT	CP	DALLAS, TX	BLANK0000027211	257.3
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	CP	SAN ANTONIO, TX	BLANK0000025130	159.1
	KWKT-TV	D28	DT	BL	WACO, TX	DTVBL12522	137.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
24658.1 1,491,118	23297.2 1,319,314	22084.7 1,159,618	22084.7 1,159,618	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KBPX-LD D27 LD LIC	3.0 2,880	0.0 0	
KPXL-TV D26 DT LIC	68.2 183	16.1 0	
KXXV D26 DT LIC	696.2 93,463	314.2 22,903	
KORO D27 DT LIC	227.7 55,622	66.2 36,108	
KDFI D27 DT CP	186.0 23,055	68.0 2,001	
KNIC-CD D27 DC CP	356.0 42,574	120.5 8,151	
WOAI-TV D28 DT CP	44.2 549	4.0 67	
KWKT-TV D28 DT BL	391.2 70,662	21.4 184	

Interference to BLCDT20090622ABA LIC scenario 9

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	342.2
	KDFI	D27	DT	BL	DALLAS, TX	DTVBL17037	257.3
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	CP	SAN ANTONIO, TX	BLANK0000025130	159.1
	KWKT-TV	D28	DT	BL	WACO, TX	DTVBL12522	137.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
24658.1 1,491,118	23297.2 1,319,314	22078.6 1,159,613	22078.6 1,159,613	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KBPX-LD D27 LD LIC	3.0 2,880	0.0 0	
KPXL-TV D26 DT LIC	68.2 183	16.1 0	
KXXV D26 DT LIC	696.2 93,463	314.2 22,903	
KORO D27 DT LIC	227.7 55,622	66.2 36,108	
KDFI D27 DT BL	199.3 23,125	74.1 2,006	
KNIC-CD D27 DC CP	356.0 42,574	118.5 8,151	
WOAI-TV D28 DT CP	44.2 549	4.0 67	
KWKT-TV D28 DT BL	391.2 70,662	20.4 184	

Interference to BLCDT20090622ABA LIC scenario 10

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	342.2
	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	259.9
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	APP	SAN ANTONIO, TX	BLANK0000033833	159.1
	KWKT-TV	D28	DT	CP	WACO, TX	BLANK0000028462	137.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
24658.1 1,491,118	23297.2 1,319,314	21940.5 1,158,068	21940.5 1,158,068	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KBPX-LD D27 LD LIC	3.0 2,880	0.0 0	
KPXL-TV D26 DT LIC	68.2 183	16.1 0	
KXXV D26 DT LIC	696.2 93,463	277.6 22,849	
KORO D27 DT LIC	227.7 55,622	66.2 36,108	
KDFI D27 DT APP	449.2 45,919	212.1 3,551	
KNIC-CD D27 DC CP	356.0 42,574	114.5 7,917	
WOAI-TV D28 DT APP	48.2 562	4.0 67	
KWKT-TV D28 DT CP	391.2 70,632	13.3 93	

Interference to BLCDT20090622ABA LIC scenario 11

Desired:	Call KBVO	Chan D27	Svc DT	Status LIC	City, State LLANO, TX	File Number BLCDT20090622ABA	Distance
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	342.2
	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	259.9
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	BL	SAN ANTONIO, TX	DTVBL69618	159.1
	KWKT-TV	D28	DT	CP	WACO, TX	BLANK0000028462	137.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
24658.1	1,491,118	23297.2	1,319,314	21939.5	1,158,068	21939.5	1,158,068	0.00 0.00

Undesired				Total IX		Unique IX, before		Unique IX, after
KBPX-LD D27 LD LIC			3.0		2,880		0.0	0
KPXL-TV D26 DT LIC			68.2		183	16.1	0	16.1
KXXV D26 DT LIC			696.2		93,463	277.6	22,849	22,849
KORO D27 DT LIC			227.7		55,622	66.2	36,108	36,108
KDFI D27 DT APP			449.2		45,919	212.1	3,551	3,551
KNIC-CD D27 DC CP			356.0		42,574	119.5	7,964	5,857
WOAI-TV D28 DT BL			44.2		379	5.0	67	67
KWKT-TV D28 DT CP			391.2		70,632	13.3	93	93

Interference to BLCDT20090622ABA LIC scenario 12

Desired:	Call KBVO	Chan D27	Svc DT	Status LIC	City, State LLANO, TX	File Number BLCDT20090622ABA	Distance
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	342.2
	KDFI	D27	DT	CP	DALLAS, TX	BLANK0000027211	257.3
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	APP	SAN ANTONIO, TX	BLANK0000033833	159.1
	KWKT-TV	D28	DT	CP	WACO, TX	BLANK0000028462	137.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
24658.1	1,491,118	23297.2	1,319,314	22084.7	1,159,618	22084.7	1,159,618	0.00 0.00

Undesired				Total IX		Unique IX, before		Unique IX, after
-----------	--	--	--	----------	--	-------------------	--	------------------

KBPX-LD D27 LD LIC	3.0	2,880			0.0	0
KPXL-TV D26 DT LIC	68.2	183	16.1	0	16.1	0
KXXV D26 DT LIC	696.2	93,463	314.2	22,933	314.2	22,933
KORO D27 DT LIC	227.7	55,622	66.2	36,108	66.2	36,108
KDFI D27 DT CP	186.0	23,055	68.0	2,001	68.0	2,001
KNIC-CD D27 DC CP	356.0	42,574	117.5	8,138	116.5	6,031
WOAI-TV D28 DT APP	48.2	562	4.0	67	4.0	67
KWKT-TV D28 DT CP	391.2	70,632	21.4	184	21.4	184

Interference to BLCDT20090622ABA LIC scenario 13

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	342.2
	KDFI	D27	DT	BL	DALLAS, TX	DTVBL17037	257.3
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	APP	SAN ANTONIO, TX	BLANK0000033833	159.1
	KWKT-TV	D28	DT	CP	WACO, TX	BLANK0000028462	137.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
24658.1 1,491,118	23297.2 1,319,314	22078.6 1,159,613	22078.6 1,159,613	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KBPX-LD D27 LD LIC	3.0 2,880	0.0 0	
KPXL-TV D26 DT LIC	68.2 183 16.1 0	16.1 0	
KXXV D26 DT LIC	696.2 93,463 314.2 22,933	314.2 22,933	
KORO D27 DT LIC	227.7 55,622 66.2 36,108	66.2 36,108	
KDFI D27 DT BL	199.3 23,125 74.1 2,006	74.1 2,006	
KNIC-CD D27 DC CP	356.0 42,574 115.5 8,138	114.5 6,031	
WOAI-TV D28 DT APP	48.2 562 4.0 67	4.0 67	
KWKT-TV D28 DT CP	391.2 70,632 20.4 184	20.4 184	

Interference to BLCDT20090622ABA LIC scenario 14

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3

KXXV	D26	DT	LIC	WACO, TX	BLCDDT20050630AFE	140.4
KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDDT20060626ACE	342.2
KDFI	D27	DT	CP	DALLAS, TX	BLANK0000027211	257.3
KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
WOAI-TV	D28	DT	BL	SAN ANTONIO, TX	DTVBL69618	159.1
KWKT-TV	D28	DT	CP	WACO, TX	BLANK0000028462	137.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
24658.1 1,491,118	23297.2 1,319,314	22083.7 1,159,618	22083.7 1,159,618	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KBPX-LD D27 LD LIC	3.0 2,880	0.0 0	
KPXL-TV D26 DT LIC	68.2 183	16.1 0	
KXXV D26 DT LIC	696.2 93,463	314.2 22,933	
KORO D27 DT LIC	227.7 55,622	66.2 36,108	
KDFI D27 DT CP	186.0 23,055	68.0 2,001	
KNIC-CD D27 DC CP	356.0 42,574	122.5 8,185	
WOAI-TV D28 DT BL	44.2 379	5.0 67	
KWKT-TV D28 DT CP	391.2 70,632	21.4 184	

Interference to BLCDDT20090622ABA LIC scenario 15

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KBVO	D27	DT	LIC	LLANO, TX	BLCDDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDDT20060626ACE	342.2
	KDFI	D27	DT	BL	DALLAS, TX	DTVBL17037	257.3
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	BL	SAN ANTONIO, TX	DTVBL69618	159.1
	KWKT-TV	D28	DT	CP	WACO, TX	BLANK0000028462	137.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
24658.1 1,491,118	23297.2 1,319,314	22077.6 1,159,613	22077.6 1,159,613	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KBPX-LD D27 LD LIC	3.0 2,880	0.0 0	
KPXL-TV D26 DT LIC	68.2 183	16.1 0	
KXXV D26 DT LIC	696.2 93,463	314.2 22,933	
KORO D27 DT LIC	227.7 55,622	66.2 36,108	
KDFI D27 DT BL	199.3 23,125	74.1 2,006	

KNIC-CD D27 DC CP	356.0	42,574	120.5	8,185	119.5	6,078
WOAI-TV D28 DT BL	44.2	379	5.0	67	5.0	67
KWKT-TV D28 DT CP	391.2	70,632	20.4	184	20.4	184

Interference to BLCDT20090622ABA LIC scenario 16

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	342.2
	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	259.9
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	APP	SAN ANTONIO, TX	BLANK0000033833	159.1
	KWKT-TV	D28	DT	APP	WACO, TX	BLANK0000034740	137.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
24658.1	1,491,118	23297.2	1,319,314	21927.4	1,157,082	21927.4	1,157,082	0.00	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
KBPX-LD D27 LD LIC	3.0	2,880			0.0	0
KPXL-TV D26 DT LIC	68.2	183	16.1	0	16.1	0
KXXV D26 DT LIC	696.2	93,463	143.7	12,046	143.7	12,046
KORO D27 DT LIC	227.7	55,622	66.2	36,108	66.2	36,108
KDFI D27 DT APP	449.2	45,919	210.1	3,551	210.1	3,551
KNIC-CD D27 DC CP	356.0	42,574	113.5	7,911	112.5	5,804
WOAI-TV D28 DT APP	48.2	562	4.0	67	4.0	67
KWKT-TV D28 DT APP	579.9	82,491	26.4	1,079	26.4	1,079

Interference to BLCDT20090622ABA LIC scenario 17

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	342.2
	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	259.9
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1

WOAI-TV	D28	DT	APP	SAN ANTONIO, TX	BLANK0000033833	159.1
KWKT-TV	D28	DT	BL	WACO, TX	DTVBL12522	137.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
24658.1	1,491,118	23297.2	1,319,314	21940.5	1,158,068	21940.5	1,158,068	0.00	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
KBPX-LD D27 LD LIC	3.0	2,880			0.0	0	
KPXL-TV D26 DT LIC	68.2	183		16.1	16.1	0	
KXXV D26 DT LIC	696.2	93,463		277.6	277.6	22,819	
KORO D27 DT LIC	227.7	55,622		66.2	66.2	36,108	
KDFI D27 DT APP	449.2	45,919		212.1	212.1	3,551	
KNIC-CD D27 DC CP	356.0	42,574		114.5	113.5	5,810	
WOAI-TV D28 DT APP	48.2	562		4.0	4.0	67	
KWKT-TV D28 DT BL	391.2	70,662		13.3	13.3	93	

Interference to BLCDDT20090622ABA LIC scenario 18

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KBVO	D27	DT	LIC	LLANO, TX	BLCDDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDDT20060626ACE	342.2
	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	259.9
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	BL	SAN ANTONIO, TX	DTVBL69618	159.1
	KWKT-TV	D28	DT	APP	WACO, TX	BLANK0000034740	137.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
24658.1	1,491,118	23297.2	1,319,314	21926.4	1,157,082	21926.4	1,157,082	0.00	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
KBPX-LD D27 LD LIC	3.0	2,880			0.0	0	
KPXL-TV D26 DT LIC	68.2	183		16.1	16.1	0	
KXXV D26 DT LIC	696.2	93,463		143.7	143.7	12,046	
KORO D27 DT LIC	227.7	55,622		66.2	66.2	36,108	
KDFI D27 DT APP	449.2	45,919		210.1	210.1	3,551	
KNIC-CD D27 DC CP	356.0	42,574		118.5	117.5	5,851	
WOAI-TV D28 DT BL	44.2	379		5.0	5.0	67	
KWKT-TV D28 DT APP	579.9	82,491		26.4	26.4	1,079	

Interference to BLCDT20090622ABA LIC scenario 19

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	342.2
	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	259.9
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	BL	SAN ANTONIO, TX	DTVBL69618	159.1
	KWKT-TV	D28	DT	BL	WACO, TX	DTVBL12522	137.8

	Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX					
	24658.1	1,491,118	23297.2	1,319,314	21939.5	1,158,068	21939.5	1,158,068	0.00	0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KBPX-LD D27 LD LIC	3.0	2,880	0.0
KPXL-TV D26 DT LIC	68.2	183	16.1
KXXV D26 DT LIC	696.2	93,463	277.6
KORO D27 DT LIC	227.7	55,622	66.2
KDFI D27 DT APP	449.2	45,919	212.1
KNIC-CD D27 DC CP	356.0	42,574	119.5
WOAI-TV D28 DT BL	44.2	379	5.0
KWKT-TV D28 DT BL	391.2	70,662	13.3

Interference to BLCDT20090622ABA LIC scenario 20

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	342.2
	KDFI	D27	DT	CP	DALLAS, TX	BLANK0000027211	257.3
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	APP	SAN ANTONIO, TX	BLANK0000033833	159.1
	KWKT-TV	D28	DT	APP	WACO, TX	BLANK0000034740	137.8

	Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX					
	24658.1	1,491,118	23297.2	1,319,314	22069.5	1,158,632	22069.5	1,158,632	0.00	0.00

Undesired			Total IX	Unique IX, before	Unique IX, after	
KBPX-LD D27 LD LIC	3.0		2,880		0.0	0
KPXL-TV D26 DT LIC	68.2		183	16.1	16.1	0
KXXV D26 DT LIC	696.2		93,463	152.9	152.9	12,091
KORO D27 DT LIC	227.7		55,622	66.2	66.2	36,108
KDFI D27 DT CP	186.0		23,055	68.0	68.0	2,001
KNIC-CD D27 DC CP	356.0		42,574	116.5	115.5	6,025
WOAI-TV D28 DT APP	48.2		562	4.0	4.0	67
KWKT-TV D28 DT APP	579.9		82,491	36.6	36.6	1,170

Interference to BLCDT20090622ABA LIC scenario 21

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	342.2
	KDFI	D27	DT	BL	DALLAS, TX	DTVBL17037	257.3
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	APP	SAN ANTONIO, TX	BLANK0000033833	159.1
	KWKT-TV	D28	DT	APP	WACO, TX	BLANK0000034740	137.8

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
24658.1	1,491,118	23297.2	1,319,314	22063.4	1,158,627	22063.4	1,158,627	0.00	0.00

Undesired			Total IX	Unique IX, before	Unique IX, after	
KBPX-LD D27 LD LIC	3.0		2,880		0.0	0
KPXL-TV D26 DT LIC	68.2		183	16.1	16.1	0
KXXV D26 DT LIC	696.2		93,463	152.9	152.9	12,091
KORO D27 DT LIC	227.7		55,622	66.2	66.2	36,108
KDFI D27 DT BL	199.3		23,125	74.1	74.1	2,006
KNIC-CD D27 DC CP	356.0		42,574	114.5	113.5	6,025
WOAI-TV D28 DT APP	48.2		562	4.0	4.0	67
KWKT-TV D28 DT APP	579.9		82,491	35.6	35.6	1,170

Interference to BLCDT20090622ABA LIC scenario 22

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	

Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDDT20060626ACE	342.2
	KDFI	D27	DT	CP	DALLAS, TX	BLANK0000027211	257.3
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	APP	SAN ANTONIO, TX	BLANK0000033833	159.1
	KWKT-TV	D28	DT	BL	WACO, TX	DTVBL12522	137.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
24658.1	1,491,118	23297.2	1,319,314	22084.7	1,159,618	22084.7	1,159,618	0.00 0.00

Undesired			Total IX	Unique IX, before	Unique IX, after
KBPX-LD D27 LD LIC	3.0		2,880		0.0 0
KPXL-TV D26 DT LIC	68.2		183	16.1 0	16.1 0
KXXV D26 DT LIC	696.2		93,463	314.2 22,903	314.2 22,903
KORO D27 DT LIC	227.7		55,622	66.2 36,108	66.2 36,108
KDFI D27 DT CP	186.0		23,055	68.0 2,001	68.0 2,001
KNIC-CD D27 DC CP	356.0		42,574	117.5 8,138	116.5 6,031
WOAI-TV D28 DT APP	48.2		562	4.0 67	4.0 67
KWKT-TV D28 DT BL	391.2		70,662	21.4 184	21.4 184

Interference to BLCDDT20090622ABA LIC scenario 23

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KBVO	D27	DT	LIC	LLANO, TX	BLCDDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDDT20060626ACE	342.2
	KDFI	D27	DT	BL	DALLAS, TX	DTVBL17037	257.3
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	APP	SAN ANTONIO, TX	BLANK0000033833	159.1
	KWKT-TV	D28	DT	BL	WACO, TX	DTVBL12522	137.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
24658.1	1,491,118	23297.2	1,319,314	22078.6	1,159,613	22078.6	1,159,613	0.00 0.00

Undesired			Total IX	Unique IX, before	Unique IX, after
KBPX-LD D27 LD LIC	3.0		2,880		0.0 0
KPXL-TV D26 DT LIC	68.2		183	16.1 0	16.1 0
KXXV D26 DT LIC	696.2		93,463	314.2 22,903	314.2 22,903

KORO D27 DT LIC	227.7	55,622	66.2	36,108	66.2	36,108
KDFI D27 DT BL	199.3	23,125	74.1	2,006	74.1	2,006
KNIC-CD D27 DC CP	356.0	42,574	115.5	8,138	114.5	6,031
WOAI-TV D28 DT APP	48.2	562	4.0	67	4.0	67
KWKT-TV D28 DT BL	391.2	70,662	20.4	184	20.4	184

Interference to BLCDT20090622ABA LIC scenario 24

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	342.2
	KDFI	D27	DT	CP	DALLAS, TX	BLANK0000027211	257.3
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	BL	SAN ANTONIO, TX	DTVBL69618	159.1
	KWKT-TV	D28	DT	APP	WACO, TX	BLANK0000034740	137.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
24658.1	1,491,118	23297.2	1,319,314	22068.5	1,158,632	22068.5	1,158,632	0.00	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
KBPX-LD D27 LD LIC	3.0	2,880			0.0	0
KPXL-TV D26 DT LIC	68.2	183	16.1	0	16.1	0
KXXV D26 DT LIC	696.2	93,463	152.9	12,091	152.9	12,091
KORO D27 DT LIC	227.7	55,622	66.2	36,108	66.2	36,108
KDFI D27 DT CP	186.0	23,055	68.0	2,001	68.0	2,001
KNIC-CD D27 DC CP	356.0	42,574	121.5	8,179	120.5	6,072
WOAI-TV D28 DT BL	44.2	379	5.0	67	5.0	67
KWKT-TV D28 DT APP	579.9	82,491	36.6	1,170	36.6	1,170

Interference to BLCDT20090622ABA LIC scenario 25

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	342.2
	KDFI	D27	DT	BL	DALLAS, TX	DTVBL17037	257.3

KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
WOAI-TV	D28	DT	BL	SAN ANTONIO, TX	DTVBL69618	159.1
KWKT-TV	D28	DT	APP	WACO, TX	BLANK0000034740	137.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
24658.1	1,491,118	23297.2	1,319,314	22062.4	1,158,627	22062.4	1,158,627	0.00	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
KBPX-LD D27 LD LIC	3.0	2,880			0.0	0	
KPXL-TV D26 DT LIC	68.2	183	16.1	0	16.1	0	
KXXV D26 DT LIC	696.2	93,463	152.9	12,091	152.9	12,091	
KORO D27 DT LIC	227.7	55,622	66.2	36,108	66.2	36,108	
KDFI D27 DT BL	199.3	23,125	74.1	2,006	74.1	2,006	
KNIC-CD D27 DC CP	356.0	42,574	119.5	8,179	118.5	6,072	
WOAI-TV D28 DT BL	44.2	379	5.0	67	5.0	67	
KWKT-TV D28 DT APP	579.9	82,491	35.6	1,170	35.6	1,170	

Interference to BLCDT20090622ABA LIC scenario 26

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	342.2
	KDFI	D27	DT	CP	DALLAS, TX	BLANK0000027211	257.3
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	BL	SAN ANTONIO, TX	DTVBL69618	159.1
	KWKT-TV	D28	DT	BL	WACO, TX	DTVBL12522	137.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
24658.1	1,491,118	23297.2	1,319,314	22083.7	1,159,618	22083.7	1,159,618	0.00	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
KBPX-LD D27 LD LIC	3.0	2,880			0.0	0	
KPXL-TV D26 DT LIC	68.2	183	16.1	0	16.1	0	
KXXV D26 DT LIC	696.2	93,463	314.2	22,903	314.2	22,903	
KORO D27 DT LIC	227.7	55,622	66.2	36,108	66.2	36,108	
KDFI D27 DT CP	186.0	23,055	68.0	2,001	68.0	2,001	
KNIC-CD D27 DC CP	356.0	42,574	122.5	8,185	121.5	6,078	
WOAI-TV D28 DT BL	44.2	379	5.0	67	5.0	67	
KWKT-TV D28 DT BL	391.2	70,662	21.4	184	21.4	184	

Interference to BLCDT20090622ABA LIC scenario 27

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	
Undesireds:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	318.5 km
	KPXL-TV	D26	DT	LIC	UVALDE, TX	BLCDT20090612AHU	126.3
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	140.4
	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	342.2
	KDFI	D27	DT	BL	DALLAS, TX	DTVBL17037	257.3
	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	362.9
	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.1
	WOAI-TV	D28	DT	BL	SAN ANTONIO, TX	DTVBL69618	159.1
	KWKT-TV	D28	DT	BL	WACO, TX	DTVBL12522	137.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
24658.1 1,491,118	23297.2 1,319,314	22077.6 1,159,613	22077.6 1,159,613	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KBPX-LD D27 LD LIC 3.0	2,880	0.0	0
KPXL-TV D26 DT LIC 68.2	183	16.1	0
KXXV D26 DT LIC 696.2	93,463	314.2	22,903
KORO D27 DT LIC 227.7	55,622	66.2	36,108
KDFI D27 DT BL 199.3	23,125	74.1	2,006
KNIC-CD D27 DC CP 356.0	42,574	120.5	8,185
WOAI-TV D28 DT BL 44.2	379	5.0	67
KWKT-TV D28 DT BL 391.2	70,662	20.4	184

Interference to proposal scenario 1

**MX: 89.41% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	
Undesireds:	KRIV	D26	DT	APP	HOUSTON, TX	BLANK0000035805	1.7 km
	KQHO-LD	D27	LD	APP	HOUSTON, TX	BLANK0000053158	25.4
	KUGB-CD	D28	DC	LIC	HOUSTON, TX	BLDTA20120801ALF	0.0

Service area	Terrain-limited	IX-free	Percent IX
8691.2 3,839,942	8691.2 3,839,942	387.2 406,774	95.54 89.41

Undesired	Total IX	Unique IX	Prcnt Unique IX
KRIV D26 DT APP 966.8	1,112,280	0.0	0
			0.00 0.00

KQHO-LD D27 LD APP	8291.9	3,404,609	7272.6	2,261,695	83.68	58.90
KUGB-CD D28 DC LIC	782.0	835,392	0.0	0	0.00	0.00

Interference to proposal scenario 2
**MX: 89.41% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLDTL20100629ATU	
Undesireds:	KRIV	D26	DT	LIC	HOUSTON, TX	BLCDT20111212AHM	1.7 km
	KQHO-LD	D27	LD	APP	HOUSTON, TX	BLANK0000053158	25.4
	KUGB-CD	D28	DC	LIC	HOUSTON, TX	BLDTA20120801ALF	0.0

Service area		Terrain-limited		IX-free	Percent IX
8691.2	3,839,942	8691.2	3,839,942	387.2	406,774 95.54 89.41

Undesired		Total IX		Unique IX	Prcnt Unique IX
KRIV D26 DT LIC	865.1	1,015,093	0.0	0	0.00 0.00
KQHO-LD D27 LD APP	8291.9	3,404,609	7349.1	2,345,890	84.56 61.09
KUGB-CD D28 DC LIC	782.0	835,392	0.0	0	0.00 0.00

The foregoing was prepared on behalf of Word Broadcasting Network by Clarence M. Beverage of *Communications Technologies, Inc.*, Marlton, New Jersey, whose qualifications are a matter of record with the Federal Communications Commission. The statements herein are true and correct of his own knowledge, except such statements made on information and belief, and as to these statements she believes them to be true and correct.



Clarence M. Beverage
for Communications Technologies, Inc.
Marlton, New Jersey
May 7, 2018

