

tvstudy v2.2.3 (Dxtpx3)
Database: localhost, Study: KEUSLD21 (784), Model: Longley-Rice
Start: 2017.09.20 12:01:46

Study created: 2017.09.20 12:00:31

Study build station data: LMS TV 2017-09-17 (28)

Proposal: KEUS-LD D21 LD APP SAN ANGELO, TX
File number: KEUSLD21
Facility ID: 48013
Station data: User record
Record ID: 748
Country: U.S.

Build options:
Protect records not on baseline channel
Protect baseline records from LPTV

Search options:
Non-U.S. records included
Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
KTXS-TV	D20	DT	LIC	SWEETWATER, TX	BLCDT20080815ABJ	107.8 km
KTXS-TV	D20	DT	CP	SWEETWATER, TX	BPCDT20110801ALU	107.8
KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDT20050630AAG	286.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D21
Mask: Stringent
Latitude: 31 29 47.00 N (NAD83)
Longitude: 100 28 40.40 W
Height AMSL: 720.2 m
HAAT: 124.0 m
Peak ERP: 15.0 kW
Antenna: DIE-TLP-16M 130.0 deg
Elev Pattn: Generic
Elec Tilt: 1.0

49.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	2.32 kW	83.2 m	33.1 km
45.0	10.2	126.3	44.9
90.0	14.3	157.6	48.8
135.0	12.2	156.4	47.9
180.0	14.9	143.6	48.0
225.0	7.98	106.0	42.0
270.0	1.18	96.7	31.3
315.0	0.878	122.9	32.2

Distance to Canadian border: 1926.6 km

**Proposal is within coordination distance of Mexican border
Distance to Mexican border: 211.1 km

Conditions at FCC monitoring station: Kingsville TX
Bearing: 150.2 degrees Distance: 515.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 337.3 degrees Distance: 1049.1 km

No land mobile station failures found

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 BLCDT20080815ABJ LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KTXS-TV	D20	DT	LIC	SWEETWATER, TX	BLCDT20080815ABJ	
Undesireds:	KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	107.8 km
	KIDY	D19	DT	LIC	SAN ANGELO, TX	BLCDT20110520ADN	99.4
	KHPM-CD	D20	DC	CP	SAN MARCOS, TX	BLANK0000027654	347.5
	K20DN-D	D20	DC	LIC	WICHITA FALLS, TX	BLANK0000001589	218.4
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
30338.8 247,618		29994.9		245,759 29914.1 245,751		29697.2 245,147	0.72 0.25
Undesired		Total IX		Unique IX, before		Unique IX, after	
KEUS-LD D21 LD APP		273.6		606		216.9 604	
KIDY D19 DT LIC		64.8		7 64.8 7		8.1 5	
K20DN-D D20 DC LIC		16.0		1 16.0 1		16.0 1	

Interference to BPCDT20110801ALU CP, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KTXS-TV	D20	DT	CP	SWEETWATER, TX	BPCDT20110801ALU	
Undesireds:	KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	107.8 km
	KIDY	D19	DT	LIC	SAN ANGELO, TX	BLCDT20110520ADN	99.4
	KHPM-CD	D20	DC	CP	SAN MARCOS, TX	BLANK0000027654	347.5
	K20DN-D	D20	DC	LIC	WICHITA FALLS, TX	BLANK0000001589	218.4
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
37707.0 261,635		37125.6		258,251 36900.9 253,858		36565.4 252,887	0.91 0.38
Undesired		Total IX		Unique IX, before		Unique IX, after	
KEUS-LD D21 LD APP		531.1		5,358		335.5 971	
KIDY D19 DT LIC		202.7		4,392 202.7 4,392		7.1 5	
K20DN-D D20 DC LIC		21.9		1 21.9 1		21.9 1	

Interference to BLCDT20050630AAG LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDT20050630AAG	
Undesireds:	KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	286.6 km
	KHPM-CD	D20	DC	CP	SAN MARCOS, TX	BLANK0000027654	50.5
	KAVU-TV	D20	DT	CP	VICTORIA, TX	BLANK0000028099	177.0
	KDTX-TV	D21	DT	CP	DALLAS, TX	BLANK0000027714	259.0
	KZJL	D21	DT	CP	HOUSTON, TX	BLANK0000028638	236.3
	KLRU	D22	DT	LIC	AUSTIN, TX	BLEDT20040305ACK	0.6
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
34875.3 2,680,739		34096.4		2,630,577 33289.8 2,609,303		33288.8 2,609,303	0.00 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
KEUS-LD D21 LD APP		1.0		0		1.0 0	
KHPM-CD D20 DC CP		1.0		412 1.0 412		1.0 412	
KAVU-TV D20 DT CP		12.1		9 3.0 9		3.0 9	
KDTX-TV D21 DT CP		105.4		3,660 91.2 3,208		91.2 3,208	
KZJL D21 DT CP		646.1		11,075 621.8 10,745		621.8 10,745	
KLRU D22 DT LIC		69.4		6,767 63.3 6,251		63.3 6,251	

Interference to BLCDT20050630AAG LIC, scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDT20050630AAG	
Undesireds:	KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	286.6 km
	KHPM-CD	D20	DC	CP	SAN MARCOS, TX	BLANK0000027654	50.5
	KAVU-TV	D20	DT	BL	VICTORIA, TX	DTVBL73101	177.0
	KDTX-TV	D21	DT	CP	DALLAS, TX	BLANK0000027714	259.0
	KZJL	D21	DT	CP	HOUSTON, TX	BLANK0000028638	236.3
	KLRU	D22	DT	LIC	AUSTIN, TX	BLEDT20040305ACK	0.6
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
34875.3 2,680,739		34096.4		2,630,577 33290.8 2,609,303		33289.8 2,609,303	0.00 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	

KEUS-LD D21 LD APP	1.0	0	1.0	0
KHPM-CD D20 DC CP	1.0	412	1.0	412
KAVU-TV D20 DT BL	10.1	9	2.0	9
KDTX-TV D21 DT CP	105.4	3,660	91.2	3,208
KZJL D21 DT CP	646.1	11,075	622.8	10,745
KLRU D22 DT LIC	69.4	6,767	63.3	6,251

Interference to BLCDT20050630AAG LIC, scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDT20050630AAG	
Undesireds:	KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	286.6 km
	KHPM-CD	D20	DC	CP	SAN MARCOS, TX	BLANK0000027654	50.5
	KAVU-TV	D20	DT	CP	VICTORIA, TX	BLANK0000028099	177.0
	KDTX-TV	D21	DT	CP	DALLAS, TX	BLANK0000027714	259.0
	KZJL	D21	DT	BL	HOUSTON, TX	DTVBL69531	236.3
	KLRU	D22	DT	LIC	AUSTIN, TX	BLEDT20040305ACK	0.6
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
34875.3	2,680,739	34096.4	2,630,577	33319.0	2,610,575	33318.0 2,610,575	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KEUS-LD D21 LD APP	1.0	0	1.0 0
KHPM-CD D20 DC CP	1.0	412	1.0 412
KAVU-TV D20 DT CP	12.1	9	3.0 9
KDTX-TV D21 DT CP	105.4	3,660	91.2 3,208
KZJL D21 DT BL	616.9	9,803	592.6 9,473
KLRU D22 DT LIC	69.4	6,767	63.3 6,251

Interference to BLCDT20050630AAG LIC, scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDT20050630AAG	
Undesireds:	KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	286.6 km
	KHPM-CD	D20	DC	CP	SAN MARCOS, TX	BLANK0000027654	50.5
	KAVU-TV	D20	DT	BL	VICTORIA, TX	DTVBL73101	177.0
	KDTX-TV	D21	DT	CP	DALLAS, TX	BLANK0000027714	259.0
	KZJL	D21	DT	BL	HOUSTON, TX	DTVBL69531	236.3
	KLRU	D22	DT	LIC	AUSTIN, TX	BLEDT20040305ACK	0.6
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
34875.3	2,680,739	34096.4	2,630,577	33320.0	2,610,575	33319.0 2,610,575	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KEUS-LD D21 LD APP	1.0	0	1.0 0
KHPM-CD D20 DC CP	1.0	412	1.0 412
KAVU-TV D20 DT BL	10.1	9	2.0 9
KDTX-TV D21 DT CP	105.4	3,660	91.2 3,208
KZJL D21 DT BL	616.9	9,803	593.6 9,473
KLRU D22 DT LIC	69.4	6,767	63.3 6,251

Interference to BLCDT20050630AAG LIC, scenario 5

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDT20050630AAG	
Undesireds:	KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	286.6 km
	KHPM-CD	D20	DC	BL	SAN MARCOS, TX	DTVBL35921	50.5
	KAVU-TV	D20	DT	CP	VICTORIA, TX	BLANK0000028099	177.0
	KDTX-TV	D21	DT	CP	DALLAS, TX	BLANK0000027714	259.0
	KZJL	D21	DT	CP	HOUSTON, TX	BLANK0000028638	236.3
	KLRU	D22	DT	LIC	AUSTIN, TX	BLEDT20040305ACK	0.6
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
34875.3	2,680,739	34096.4	2,630,577	33289.8	2,609,303	33288.8 2,609,303	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KEUS-LD D21 LD APP	1.0	0	1.0 0
KHPM-CD D20 DC BL	1.0	412	1.0 412
KAVU-TV D20 DT CP	12.1	9	3.0 9
KDTX-TV D21 DT CP	105.4	3,660	91.2 3,208
KZJL D21 DT CP	646.1	11,075	621.8 10,745
KLRU D22 DT LIC	69.4	6,767	63.3 6,251

Interference to BLCDT20050630AAG LIC, scenario 6

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDT20050630AAG	
Undesireds:	KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	286.6 km
	KHPM-CD	D20	DC	BL	SAN MARCOS, TX	DTVBL35921	50.5
	KAVU-TV	D20	DT	BL	VICTORIA, TX	DTVBL73101	177.0
	KDTX-TV	D21	DT	CP	DALLAS, TX	BLANK0000027714	259.0
	KZJL	D21	DT	CP	HOUSTON, TX	BLANK0000028638	236.3
	KLRU	D22	DT	LIC	AUSTIN, TX	BLEDT20040305ACK	0.6
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
34875.3	2,680,739	34096.4	2,630,577	33290.8	2,609,303	33289.8 2,609,303	0.00 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
KEUS-LD D21	LD APP	1.0	0			1.0 0	
KHPM-CD D20	DC BL	1.0	412	1.0	412	1.0 412	
KAVU-TV D20	DT BL	10.1	9	2.0	9	2.0 9	
KDTX-TV D21	DT CP	105.4	3,660	91.2	3,208	91.2 3,208	
KZJL D21	DT CP	646.1	11,075	622.8	10,745	622.8 10,745	
KLRU D22	DT LIC	69.4	6,767	63.3	6,251	63.3 6,251	

Interference to BLCDT20050630AAG LIC, scenario 7

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDT20050630AAG	
Undesireds:	KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	286.6 km
	KHPM-CD	D20	DC	BL	SAN MARCOS, TX	DTVBL35921	50.5
	KAVU-TV	D20	DT	CP	VICTORIA, TX	BLANK0000028099	177.0
	KDTX-TV	D21	DT	CP	DALLAS, TX	BLANK0000027714	259.0
	KZJL	D21	DT	BL	HOUSTON, TX	DTVBL69531	236.3
	KLRU	D22	DT	LIC	AUSTIN, TX	BLEDT20040305ACK	0.6
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
34875.3	2,680,739	34096.4	2,630,577	33319.0	2,610,575	33318.0 2,610,575	0.00 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
KEUS-LD D21	LD APP	1.0	0			1.0 0	
KHPM-CD D20	DC BL	1.0	412	1.0	412	1.0 412	
KAVU-TV D20	DT CP	12.1	9	3.0	9	3.0 9	
KDTX-TV D21	DT CP	105.4	3,660	91.2	3,208	91.2 3,208	
KZJL D21	DT BL	616.9	9,803	592.6	9,473	592.6 9,473	
KLRU D22	DT LIC	69.4	6,767	63.3	6,251	63.3 6,251	

Interference to BLCDT20050630AAG LIC, scenario 8

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDT20050630AAG	
Undesireds:	KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	286.6 km
	KHPM-CD	D20	DC	BL	SAN MARCOS, TX	DTVBL35921	50.5
	KAVU-TV	D20	DT	BL	VICTORIA, TX	DTVBL73101	177.0
	KDTX-TV	D21	DT	CP	DALLAS, TX	BLANK0000027714	259.0
	KZJL	D21	DT	BL	HOUSTON, TX	DTVBL69531	236.3
	KLRU	D22	DT	LIC	AUSTIN, TX	BLEDT20040305ACK	0.6
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
34875.3	2,680,739	34096.4	2,630,577	33320.0	2,610,575	33319.0 2,610,575	0.00 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
KEUS-LD D21	LD APP	1.0	0			1.0 0	
KHPM-CD D20	DC BL	1.0	412	1.0	412	1.0 412	
KAVU-TV D20	DT BL	10.1	9	2.0	9	2.0 9	
KDTX-TV D21	DT CP	105.4	3,660	91.2	3,208	91.2 3,208	
KZJL D21	DT BL	616.9	9,803	593.6	9,473	593.6 9,473	
KLRU D22	DT LIC	69.4	6,767	63.3	6,251	63.3 6,251	

Interference to BLCDT20050630AAG LIC, scenario 9

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDT20050630AAG	
Undesireds:	KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	286.6 km

KHPM-CD	D20	DC	CP	SAN MARCOS, TX	BLANK0000027654	50.5
KAVU-TV	D20	DT	CP	VICTORIA, TX	BLANK0000028099	177.0
KDTX-TV	D21	DT	BL	DALLAS, TX	DTVBL67910	259.0
KZJL	D21	DT	CP	HOUSTON, TX	BLANK0000028638	236.3
KLRU	D22	DT	LIC	AUSTIN, TX	BLEDT20040305ACK	0.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
34875.3	2,680,739	34096.4	2,630,577	33294.9	2,609,303	33293.9	2,609,303	0.00 0.00

Undesired		Total IX		Unique IX, before		Unique IX, after
KEUS-LD D21 LD APP	1.0	0		1.0	0	
KHPM-CD D20 DC CP	1.0	412	1.0	412	1.0	412
KAVU-TV D20 DT CP	12.1	9	3.0	9	3.0	9
KDTX-TV D21 DT BL	100.3	3,669	86.1	3,208	86.1	3,208
KZJL D21 DT CP	646.1	11,075	621.8	10,736	621.8	10,736
KLRU D22 DT LIC	69.4	6,767	63.3	6,251	63.3	6,251

Interference to BLCDT20050630AAG LIC, scenario 10

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDT20050630AAG	
Undesireds: KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	286.6 km
KHPM-CD	D20	DC	CP	SAN MARCOS, TX	BLANK0000027654	50.5
KAVU-TV	D20	DT	BL	VICTORIA, TX	DTVBL73101	177.0
KDTX-TV	D21	DT	BL	DALLAS, TX	DTVBL67910	259.0
KZJL	D21	DT	CP	HOUSTON, TX	BLANK0000028638	236.3
KLRU	D22	DT	LIC	AUSTIN, TX	BLEDT20040305ACK	0.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
34875.3	2,680,739	34096.4	2,630,577	33295.9	2,609,303	33294.9	2,609,303	0.00 0.00

Undesired		Total IX		Unique IX, before		Unique IX, after
KEUS-LD D21 LD APP	1.0	0		1.0	0	
KHPM-CD D20 DC CP	1.0	412	1.0	412	1.0	412
KAVU-TV D20 DT BL	10.1	9	2.0	9	2.0	9
KDTX-TV D21 DT BL	100.3	3,669	86.1	3,208	86.1	3,208
KZJL D21 DT CP	646.1	11,075	622.8	10,736	622.8	10,736
KLRU D22 DT LIC	69.4	6,767	63.3	6,251	63.3	6,251

Interference to BLCDT20050630AAG LIC, scenario 11

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDT20050630AAG	
Undesireds: KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	286.6 km
KHPM-CD	D20	DC	CP	SAN MARCOS, TX	BLANK0000027654	50.5
KAVU-TV	D20	DT	CP	VICTORIA, TX	BLANK0000028099	177.0
KDTX-TV	D21	DT	BL	DALLAS, TX	DTVBL67910	259.0
KZJL	D21	DT	BL	HOUSTON, TX	DTVBL69531	236.3
KLRU	D22	DT	LIC	AUSTIN, TX	BLEDT20040305ACK	0.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
34875.3	2,680,739	34096.4	2,630,577	33324.1	2,610,575	33323.1	2,610,575	0.00 0.00

Undesired		Total IX		Unique IX, before		Unique IX, after
KEUS-LD D21 LD APP	1.0	0		1.0	0	
KHPM-CD D20 DC CP	1.0	412	1.0	412	1.0	412
KAVU-TV D20 DT CP	12.1	9	3.0	9	3.0	9
KDTX-TV D21 DT BL	100.3	3,669	86.1	3,208	86.1	3,208
KZJL D21 DT BL	616.9	9,803	592.6	9,464	592.6	9,464
KLRU D22 DT LIC	69.4	6,767	63.3	6,251	63.3	6,251

Interference to BLCDT20050630AAG LIC, scenario 12

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDT20050630AAG	
Undesireds: KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	286.6 km
KHPM-CD	D20	DC	CP	SAN MARCOS, TX	BLANK0000027654	50.5
KAVU-TV	D20	DT	BL	VICTORIA, TX	DTVBL73101	177.0
KDTX-TV	D21	DT	BL	DALLAS, TX	DTVBL67910	259.0
KZJL	D21	DT	BL	HOUSTON, TX	DTVBL69531	236.3
KLRU	D22	DT	LIC	AUSTIN, TX	BLEDT20040305ACK	0.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
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34875.3 2,680,739 34096.4 2,630,577 33325.1 2,610,575 33324.1 2,610,575 0.00 0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
KEUS-LD D21 LD APP	1.0	0		1.0 0
KHPM-CD D20 DC CP	1.0	412	1.0 412	1.0 412
KAVU-TV D20 DT BL	10.1	9	2.0 9	2.0 9
KDTX-TV D21 DT BL	100.3	3,669	86.1 3,208	86.1 3,208
KZJL D21 DT BL	616.9	9,803	593.6 9,464	593.6 9,464
KLRU D22 DT LIC	69.4	6,767	63.3 6,251	63.3 6,251

Interference to BLCDDT20050630AAG LIC, scenario 13

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDDT20050630AAG	
Undesireds:	KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	286.6 km
	KHPM-CD	D20	DC	BL	SAN MARCOS, TX	DTVBL35921	50.5
	KAVU-TV	D20	DT	CP	VICTORIA, TX	BLANK0000028099	177.0
	KDTX-TV	D21	DT	BL	DALLAS, TX	DTVBL67910	259.0
	KZJL	D21	DT	CP	HOUSTON, TX	BLANK0000028638	236.3
	KLRU	D22	DT	LIC	AUSTIN, TX	BLEDT20040305ACK	0.6

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
34875.3 2,680,739	34096.4 2,630,577	33294.9 2,609,303	33293.9 2,609,303	0.00 0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
KEUS-LD D21 LD APP	1.0	0		1.0 0
KHPM-CD D20 DC BL	1.0	412	1.0 412	1.0 412
KAVU-TV D20 DT CP	12.1	9	3.0 9	3.0 9
KDTX-TV D21 DT BL	100.3	3,669	86.1 3,208	86.1 3,208
KZJL D21 DT CP	646.1	11,075	621.8 10,736	621.8 10,736
KLRU D22 DT LIC	69.4	6,767	63.3 6,251	63.3 6,251

Interference to BLCDDT20050630AAG LIC, scenario 14

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDDT20050630AAG	
Undesireds:	KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	286.6 km
	KHPM-CD	D20	DC	BL	SAN MARCOS, TX	DTVBL35921	50.5
	KAVU-TV	D20	DT	BL	VICTORIA, TX	DTVBL73101	177.0
	KDTX-TV	D21	DT	BL	DALLAS, TX	DTVBL67910	259.0
	KZJL	D21	DT	CP	HOUSTON, TX	BLANK0000028638	236.3
	KLRU	D22	DT	LIC	AUSTIN, TX	BLEDT20040305ACK	0.6

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
34875.3 2,680,739	34096.4 2,630,577	33295.9 2,609,303	33294.9 2,609,303	0.00 0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
KEUS-LD D21 LD APP	1.0	0		1.0 0
KHPM-CD D20 DC BL	1.0	412	1.0 412	1.0 412
KAVU-TV D20 DT BL	10.1	9	2.0 9	2.0 9
KDTX-TV D21 DT BL	100.3	3,669	86.1 3,208	86.1 3,208
KZJL D21 DT CP	646.1	11,075	622.8 10,736	622.8 10,736
KLRU D22 DT LIC	69.4	6,767	63.3 6,251	63.3 6,251

Interference to BLCDDT20050630AAG LIC, scenario 15

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDDT20050630AAG	
Undesireds:	KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	286.6 km
	KHPM-CD	D20	DC	BL	SAN MARCOS, TX	DTVBL35921	50.5
	KAVU-TV	D20	DT	CP	VICTORIA, TX	BLANK0000028099	177.0
	KDTX-TV	D21	DT	BL	DALLAS, TX	DTVBL67910	259.0
	KZJL	D21	DT	BL	HOUSTON, TX	DTVBL69531	236.3
	KLRU	D22	DT	LIC	AUSTIN, TX	BLEDT20040305ACK	0.6

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
34875.3 2,680,739	34096.4 2,630,577	33324.1 2,610,575	33323.1 2,610,575	0.00 0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
KEUS-LD D21 LD APP	1.0	0		1.0 0
KHPM-CD D20 DC BL	1.0	412	1.0 412	1.0 412
KAVU-TV D20 DT CP	12.1	9	3.0 9	3.0 9
KDTX-TV D21 DT BL	100.3	3,669	86.1 3,208	86.1 3,208

KZJL D21 DT BL	616.9	9,803	592.6	9,464	592.6	9,464
KLRU D22 DT LIC	69.4	6,767	63.3	6,251	63.3	6,251

Interference to BLCDT20050630AAG LIC, scenario 16

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDT20050630AAG	
Undesireds:	KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	286.6 km
	KHPM-CD	D20	DC	BL	SAN MARCOS, TX	DTVBL35921	50.5
	KAVU-TV	D20	DT	BL	VICTORIA, TX	DTVBL73101	177.0
	KDTX-TV	D21	DT	BL	DALLAS, TX	DTVBL67910	259.0
	KZJL	D21	DT	BL	HOUSTON, TX	DTVBL69531	236.3
	KLRU	D22	DT	LIC	AUSTIN, TX	BLEDT20040305ACK	0.6
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
34875.3 2,680,739		34096.4 2,630,577		33325.1 2,610,575		33324.1 2,610,575	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
KEUS-LD D21 LD APP	1.0 0		1.0 0
KHPM-CD D20 DC BL	1.0 412	1.0 412	1.0 412
KAVU-TV D20 DT BL	10.1 9	2.0 9	2.0 9
KDTX-TV D21 DT BL	100.3 3,669	86.1 3,208	86.1 3,208
KZJL D21 DT BL	616.9 9,803	593.6 9,464	593.6 9,464
KLRU D22 DT LIC	69.4 6,767	63.3 6,251	63.3 6,251

Interference to proposal, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	
Undesireds:	KTXS-TV	D20	DT	LIC	SWEETWATER, TX	BLCDT20080815ABJ	107.8 km
	KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDT20050630AAG	286.6
	K21KJ-D	D21	LD	CP	MINERAL WELLS, TX	BLANK0000001185	311.1
Service area		Terrain-limited		IX-free		Percent IX	
5456.7 113,427		5255.3 113,351		5252.2 113,351		0.06 0.00	

Undesired	Total IX	Unique IX	Prcnt Unique IX
KXAN-TV D21 DT LIC	3.1 0	3.1 0	0.06 0.00

Interference to proposal, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KEUS-LD	D21	LD	APP	SAN ANGELO, TX	KEUSLD21	
Undesireds:	KTXS-TV	D20	DT	CP	SWEETWATER, TX	BPCDT20110801ALU	107.8 km
	KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDT20050630AAG	286.6
	K21KJ-D	D21	LD	CP	MINERAL WELLS, TX	BLANK0000001185	311.1
Service area		Terrain-limited		IX-free		Percent IX	
5456.7 113,427		5255.3 113,351		5249.2 113,350		0.12 0.00	

Undesired	Total IX	Unique IX	Prcnt Unique IX
KTXS-TV D20 DT CP	3.0 1	3.0 1	0.06 0.00
KXAN-TV D21 DT LIC	3.1 0	3.1 0	0.06 0.00