

**Special Displacement Window Application**

LPTV or Translator Facility: K31LQ-D Facility ID 184857 Sherman, TX  
Licensed Ch. 31 File# 0000013869

Nature of Displacement: Interference received from KAZD Repack Ch. 31 Lake Dallas TX  
TVStudy Displacement summary in Table 1

Proposed Facility: Ch. 28 15 kW ERP directional (azimuth pattern in Figure 1)

Modification Compliance: 0.0 km from licensed site  
Contour comparison in Figure 2  
TVStudy Analysis report in Table 2  
(Study cell size: 1.00 km Profile point spacing: 0.20 km)

Contingent Application Rule: No waiver required, not dependent on spectrum to be vacated

RF Exposure: The calculated signal density near the tower at two meters above ground level attributable to the proposed facility is 0.7 percent of the general population/uncontrolled maximum permitted exposure limit. Calculations conducted pursuant to FCC OET Bulletin Number 65 and incorporate the worst-case 100 percent relative field at downward angles. This is below the five percent threshold limit described in §1.1307(b) regarding sites with multiple emitters, categorically excluding the applicant from responsibility for taking any corrective action in the areas where the proposal's contribution is less than five percent.

**Chesapeake RF Consultants, LLC**

Joseph M. Davis, P.E. May 12, 2018  
207 Old Dominion Road Yorktown, VA 23692 703-650-9600



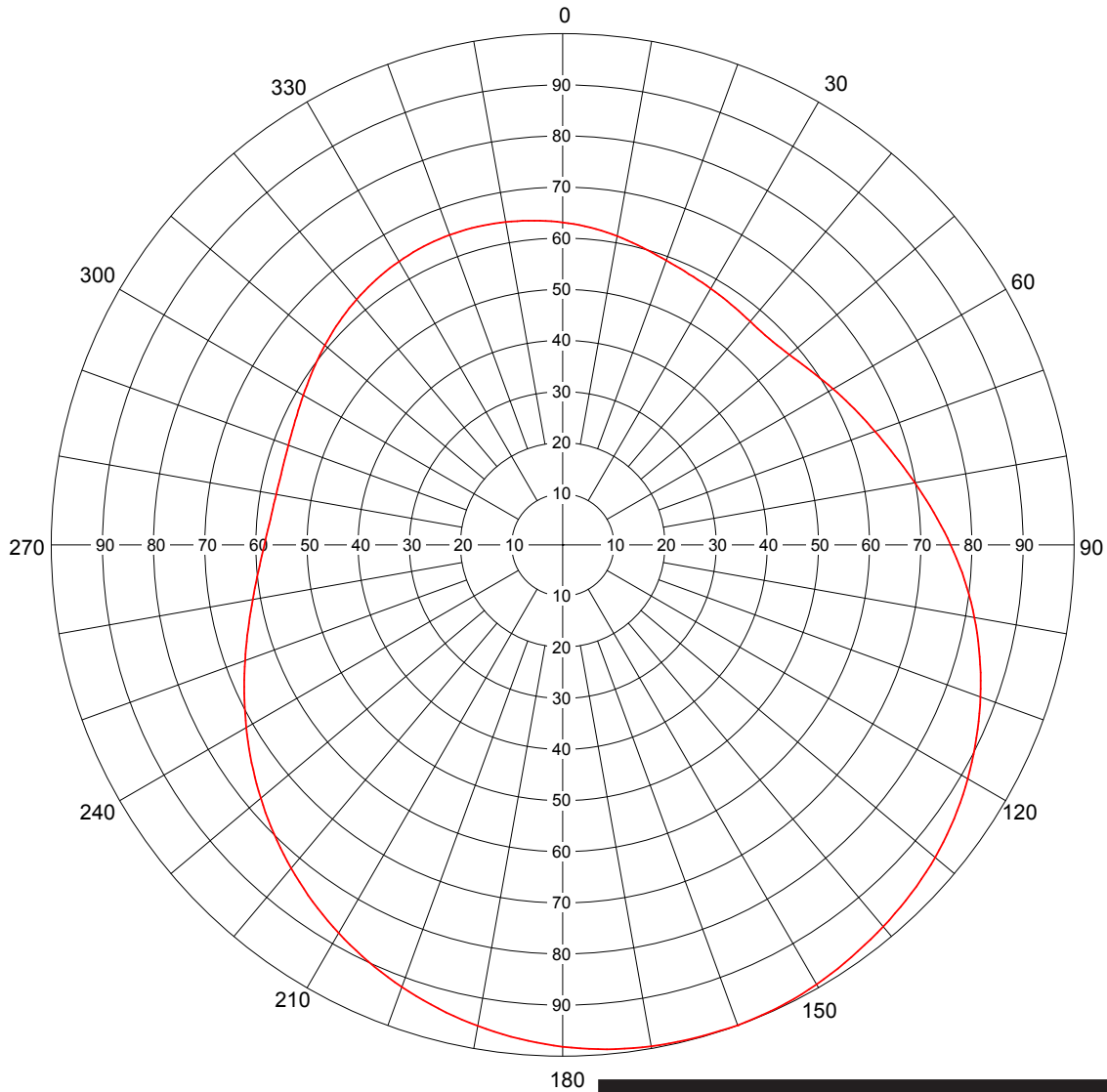
Date **12 May 2018**  
Call Letters  
Location  
Customer  
Antenna Type **TLP-8B**  
Channel **28**

### AZIMUTH PATTERN

Gain  
Calculated / Measured

**1.70 (2.30 dB)**  
**Calculated**

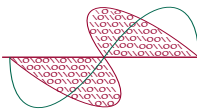
Frequency **557 MHz**  
Drawing # **TLP-B**



**Figure 1**  
**Antenna Azimuthal Pattern**  
**K31LQ-D Sherman, TX**  
**Facility ID 184857**  
**Ch. 28 (digital) 15 kW**

prepared for  
**Gray Television Licensee, LLC**

May, 2018

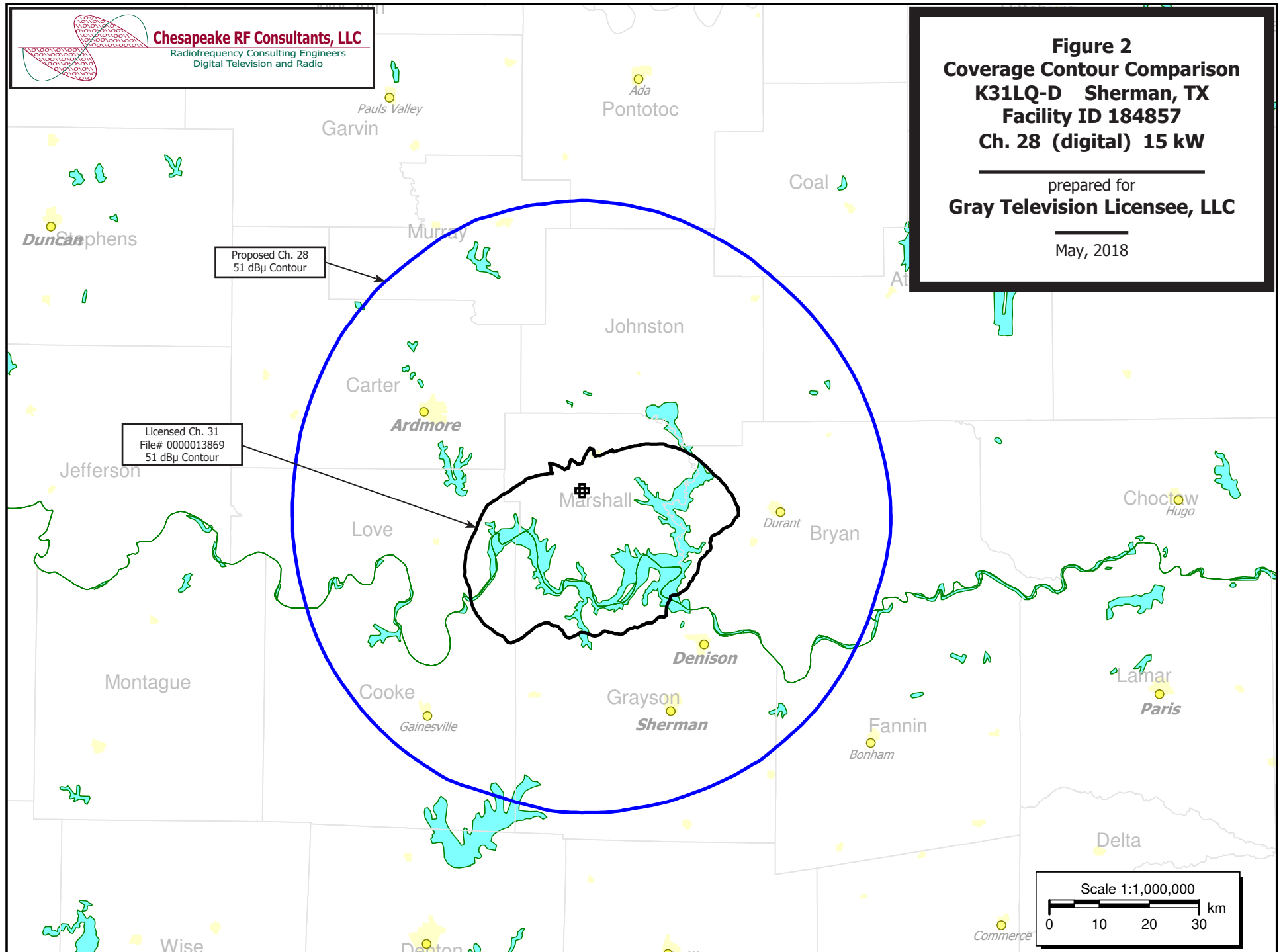


**Chesapeake RF Consultants, LLC**  
Radiofrequency Consulting Engineers  
Digital Television and Radio

**Figure 2**  
**Coverage Contour Comparison**  
**K31LQ-D Sherman, TX**  
**Facility ID 184857**  
**Ch. 28 (digital) 15 kW**

prepared for  
**Gray Television Licensee, LLC**

May, 2018



**Table 1 K31LQ-D Ch. 31 TVStudy Displacement Summary**  
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### Interference received from KAZD Repack Ch. 31 Lake Dallas TX

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Interference to proposal scenario 1  
11.17% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K31LQ-D	D31	LD	LIC	SHERMAN, TX	BLANK0000013869	
Undesireds:	KOET	D31	DT	LIC	EUFAULA, OK	BLEDT20060601BJT	185.0 km
	KAZD	D31	DT	CP	LAKE DALLAS, TX	BLANK0000034935	161.4
	K31MU-D	D31	LD	CP	LINGLEVILLE-CROWLEY, TX	BLANK0000001158	175.8
	Service area		Terrain-limited		IX-free	Percent IX	
	1656.3	28,421	1649.4	28,339	1526.0	25,173	7.48 11.17
Undesired				Total IX		Unique IX	Prcnt Unique IX
KOET D31 DT LIC				83.0	265	57.3	185 3.47 0.65
KAZD D31 DT CP				66.1	2,981	40.5	2,901 2.45 10.24

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## Table 2 K31LQ-D TV Study Analysis of Proposal

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tvstudy v2.2.5 (4uoc83)  
 Database: localhost, Study: K31LQ-D Ch-28 prop 1.0-0.2, Model: Longley-Rice  
 Start: 2018.05.12 09:43:18

Study created: 2018.05.12 09:43:18

Study build station data: LMS TV 2018-04-19

Proposal: K31LQ-D D28 LD APP SHERMAN, TX  
 File number: K31LQ-D Ch-28 prop  
 Facility ID: 184857  
 Station data: User record  
 Record ID: 2067  
 Country: U.S.

Build options:  
 Protect pre-transition records not on baseline channel

Search options:  
 Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	K46AI-D	D27	LD	APP	DURANT, OK	BLANK0000029428	37.5 km
No	KFOR-TV	D27	DT	LIC	OKLAHOMA CITY, OK	BLCDT20050701ABR	185.0
No	KODF-LD	D27	LD	LIC	BRITTON, TX	BLDTL20100324ACQ	161.2
Yes	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	161.8
No	KDFI	D27	DT	CP	DALLAS, TX	BLANK0000027211	166.2
No	K48MR-D	D28z	LD	APP	BENTONVILLE & ROGERS, AR	BLANK0000029375	341.8
No	KARZ-TV	D28	DT	CP	LITTLE ROCK, AR	BLANK0000034738	403.4
No	KWKD-LP	D28	LD	CP	WICHITA, KS	BDFCDTL20101025AAU	423.8
Yes	KTBS-TV	D28	DT	LIC	SHREVEPORT, LA	BLCDT20020911ABZ	305.3
No	K28JX-D	D28	LD	LIC	ALVA - CHEROKEE, OK	BLDTT20101007ABK	344.9
No	K28DJ-D	D28	LD	LIC	BROKEN BOW, OK	BLDTL20120314ABZ	188.1
No	K48KE-D	D28	LD	APP	BUFFALO, OK	BLANK0000029425	399.6
No	K28LR-D	D28	LD	CP	ERICK, OK	BNPDTL20100406ACK	311.1
No	KTPX-TV	D28	DT	LIC	OKMULGEE, OK	BLCDT20020510AAQ	209.4
No	K38AK-D	D28	LD	APP	PONCA CITY, OK	BLANK0000029429	301.6
No	KYLE-TV	D28	DT	LIC	BRYAN, TX	BLCDT20090612ABZ	373.4
Yes	KLEG-CD	D28	DC	CP	DALLAS, TX	BLANK0000028671	139.2
No	KETX-LP	D28	LD	CP	LIVINGSTON, TX	BDISDTL20090814AAJ	406.3
No	K40AL-D	D28	LD	APP	MEMPHIS, TX	BLANK0000052122	359.1
No	KWKT-TV	D28	DT	CP	WACO, TX	BLANK0000028462	306.1
No	KWKT-TV	D28	DT	APP	WACO, TX	BLANK0000034740	306.1
Yes	KFDX-TV	D28	DT	LIC	WICHITA FALLS, TX	BLCDT20090205ABU	162.9
No	KTUZ-TV	D29	DT	LIC	SHAWNEE, OK	BLCDT20081105ACO	180.9
No	KDTN	D29	DT	CP	DENTON, TX	BLANK0000034864	161.2
No	KTXA	D29	DT	LIC	FORT WORTH, TX	BLCDT20110127AAG	166.2
No	KEGG-LP	N35+	TX	LIC	MCALISTER, OK	BLTT20051017ABG	139.2
No	KJBO-LP	N35	TX	LIC	WICHITA FALLS, TX	BLTTL19900423JN	161.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D28  
 Mask: Full Service  
 Latitude: 34 1 58.00 N (NAD83)  
 Longitude: 96 48 1.00 W  
 Height AMSL: 728.4 m  
 HAAT: 0.0 m  
 Peak ERP: 15.0 kW  
 Antenna: DIE TLP-B 160.0 deg  
 Elev Pattn: Generic  
 Elec Tilt: 1.50

50.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	5.97 kW	476.4 m	59.2 km
45.0	4.95	491.6	58.6

**Table 2 K31LQ-D TVStudy Analysis of Proposal**  
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90.0	8.64	512.5	62.6
135.0	13.9	504.6	65.2
180.0	14.4	508.2	65.6
225.0	9.56	517.4	63.3
270.0	5.10	498.1	59.0
315.0	5.71	467.4	58.7

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m Computed HAAT: 497 m

Distance to Canadian border: 1482.2 km

Distance to Mexican border: 642.4 km

Conditions at FCC monitoring station: Kingsville TX  
Bearing: 188.3 degrees Distance: 739.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 314.6 degrees Distance: 1006.9 km

Study cell size: 1.00 km  
Profile point spacing: 0.20 km

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

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Interference to BLANK0000029428 APP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K46AI-D	D27	LD	APP	DURANT, OK	BLANK0000029428	
Undesireds:	K31LQ-D	D28	LD	APP	SHERMAN, TX	K31LQ-D Ch-28 prop	37.5 km
	KFTA-TV	D27	DT	LIC	FORT SMITH, AR	BLCDT20090331AEC	281.0
	KFOR-TV	D27	DT	LIC	OKLAHOMA CITY, OK	BLCDT20050701ABR	204.7
	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	165.2
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
6337.1	148,538	6296.2	147,386	6008.4	129,343	5997.5 129,157	0.18 0.14
Undesired		Total IX		Unique IX, before		Unique IX, after	
K31LQ-D	D28 LD APP	29.6	400			10.8 186	
KFTA-TV	D27 DT LIC	3.0	0	0.0	0	0.0 0	
KFOR-TV	D27 DT LIC	45.8	911	12.0	39	12.0 39	
KDFI	D27 DT APP	274.8	18,004	242.0	17,132	228.2 16,942	

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Interference to BLANK0000029428 APP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K46AI-D	D27	LD	APP	DURANT, OK	BLANK0000029428	
Undesireds:	K31LQ-D	D28	LD	APP	SHERMAN, TX	K31LQ-D Ch-28 prop	37.5 km
	KFTA-TV	D27	DT	LIC	FORT SMITH, AR	BLCDT20090331AEC	281.0
	KFOR-TV	D27	DT	LIC	OKLAHOMA CITY, OK	BLCDT20050701ABR	204.7
	KDFI	D27	DT	CP	DALLAS, TX	BLANK0000027211	169.1
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
6337.1	148,538	6296.2	147,386	6117.2	132,292	6102.4 132,106	0.24 0.14
Undesired		Total IX		Unique IX, before		Unique IX, after	
K31LQ-D	D28 LD APP	29.6	400			14.8 186	
KFTA-TV	D27 DT LIC	3.0	0	0.0	0	0.0 0	
KFOR-TV	D27 DT LIC	45.8	911	17.9	820	17.9 820	
KDFI	D27 DT CP	159.1	14,274	133.2	14,183	123.3 13,993	

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Interference to BLANK0000034507 APP scenario 1

**Table 2 K31LQ-D TV Study Analysis of Proposal**  
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	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	
Undesireds:	K31LQ-D	D28	LD	APP	SHERMAN, TX	K31LQ-D Ch-28 prop	161.8 km
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	142.1
	KFOR-TV	D27	DT	LIC	OKLAHOMA CITY, OK	BLCDT20050701ABR	338.2
	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	259.9
	KWKT-TV	D28	DT	CP	WACO, TX	BLANK0000028462	145.0
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	38859.7	6,682,311	38418.0	6,678,734	37833.4	6,671,083	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
K31LQ-D D28 LD APP	9.9	100	0.0 0
KXXV D26 DT LIC	331.4	4,672	256.6 4,360
KFOR-TV D27 DT LIC	82.5	1,757	72.5 1,457
KBVO D27 DT LIC	224.2	1,666	169.8 1,222
KWKT-TV D28 DT CP	57.6	217	0.0 0

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Interference to BLANK0000034507 APP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	
Undesireds:	K31LQ-D	D28	LD	APP	SHERMAN, TX	K31LQ-D Ch-28 prop	161.8 km
	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	142.1
	KFOR-TV	D27	DT	LIC	OKLAHOMA CITY, OK	BLCDT20050701ABR	338.2
	KBVO	D27	DT	LIC	LLANO, TX	BLCDT20090622ABA	259.9
	KWKT-TV	D28	DT	APP	WACO, TX	BLANK0000034740	145.0
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	38859.7	6,682,311	38418.0	6,678,734	37832.4	6,671,058	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
K31LQ-D D28 LD APP	9.9	100	0.0 0
KXXV D26 DT LIC	331.4	4,672	182.8 3,891
KFOR-TV D27 DT LIC	82.5	1,757	72.5 1,457
KBVO D27 DT LIC	224.2	1,666	169.8 1,222
KWKT-TV D28 DT APP	142.5	789	1.0 25

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Interference to BLCDT20020911ABZ LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KTBS-TV	D28	DT	LIC	SHREVEPORT, LA	BLCDT20020911ABZ	
Undesireds:	K31LQ-D	D28	LD	APP	SHERMAN, TX	K31LQ-D Ch-28 prop	305.3 km
	KTVE	D27	DT	LIC	EL DORADO, AR	BLCDT20070105ABH	165.3
	KARZ-TV	D28	DT	CP	LITTLE ROCK, AR	BLANK0000034738	269.7
	KATC	D28	DT	LIC	LAFAYETTE, LA	BLCDT20071109AAV	305.2
	KLEG-CD	D28	DC	CP	DALLAS, TX	BLANK0000028671	268.6
	KWKT-TV	D28	DT	CP	WACO, TX	BLANK0000028462	354.3
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	45371.2	1,163,164	44911.9	1,156,883	43488.1	1,140,380	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
K31LQ-D D28 LD APP	6.0	72	0.0 0
KTVE D27 DT LIC	808.6	11,994	653.1 10,406
KARZ-TV D28 DT CP	339.1	3,302	180.6 1,542
KATC D28 DT LIC	447.6	3,390	412.6 2,377
KLEG-CD D28 DC CP	8.0	112	4.0 13
KWKT-TV D28 DT CP	6.0	99	3.0 0

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Interference to BLCDT20020911ABZ LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KTBS-TV	D28	DT	LIC	SHREVEPORT, LA	BLCDT20020911ABZ	
Undesireds:	K31LQ-D	D28	LD	APP	SHERMAN, TX	K31LQ-D Ch-28 prop	305.3 km
	KTVE	D27	DT	LIC	EL DORADO, AR	BLCDT20070105ABH	165.3

**Table 2 K31LQ-D TV Study Analysis of Proposal**  
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KARZ-TV	D28	DT	CP	LITTLE ROCK, AR	BLANK0000034738	269.7
KATC	D28	DT	LIC	LAFAYETTE, LA	BLCDT20071109AAV	305.2
KLEG-CD	D28	DC	CP	DALLAS, TX	BLANK0000028671	268.6
KWKT-TV	D28	DT	APP	WACO, TX	BLANK0000034740	354.3

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
45371.2	1,163,164	44911.9	1,156,883	43471.0	1,140,108	43471.0	1,140,108	0.00 0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
K31LQ-D D28 LD APP	6.0	72			0.0	0
KTVE D27 DT LIC	808.6	11,994	653.1	10,406	653.1	10,406
KARZ-TV D28 DT CP	339.1	3,302	180.6	1,542	176.6	1,470
KATC D28 DT LIC	447.6	3,390	412.6	2,377	412.6	2,377
KLEG-CD D28 DC CP	8.0	112	2.0	0	1.0	0
KWKT-TV D28 DT APP	25.1	384	20.1	272	20.1	272

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Interference to BLANK0000028671 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KLEG-CD	D28	DC	CP	DALLAS, TX	BLANK0000028671	
Undesireds:	K31LQ-D	D28	LD	APP	SHERMAN, TX	K31LQ-D Ch-28 prop	139.2 km
	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	27.1
	KWKT-TV	D28	DT	CP	WACO, TX	BLANK0000028462	170.1
	KFDX-TV	D28	DT	LIC	WICHITA FALLS, TX	BLCDT20090205ABU	204.4
	KDTN	D29	DT	CP	DENTON, TX	BLANK0000034864	26.3

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
8720.3	5,320,869	8704.2	5,320,055	7828.7	5,113,172	7811.7	5,105,774	0.22 0.14

Undesired	Total IX		Unique IX, before		Unique IX, after	
K31LQ-D D28 LD APP	61.8	14,319			16.9	7,398
KDFI D27 DT APP	807.4	196,914	193.2	76,587	189.2	74,548
KWKT-TV D28 DT CP	42.2	2,595	0.0	0	0.0	0
KFDX-TV D28 DT LIC	15.0	411	6.0	114	3.0	103
KDTN D29 DT CP	676.4	130,182	62.2	9,855	60.2	8,699

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Interference to BLANK0000028671 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KLEG-CD	D28	DC	CP	DALLAS, TX	BLANK0000028671	
Undesireds:	K31LQ-D	D28	LD	APP	SHERMAN, TX	K31LQ-D Ch-28 prop	139.2 km
	KDFI	D27	DT	CP	DALLAS, TX	BLANK0000027211	30.1
	KWKT-TV	D28	DT	CP	WACO, TX	BLANK0000028462	170.1
	KFDX-TV	D28	DT	LIC	WICHITA FALLS, TX	BLCDT20090205ABU	204.4
	KDTN	D29	DT	CP	DENTON, TX	BLANK0000034864	26.3

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
8720.3	5,320,869	8704.2	5,320,055	8012.8	5,184,312	7991.9	5,174,875	0.26 0.18

Undesired	Total IX		Unique IX, before		Unique IX, after	
K31LQ-D D28 LD APP	61.8	14,319			20.9	9,437
KDFI D27 DT CP	443.8	85,556	9.0	5,447	9.0	5,447
KWKT-TV D28 DT CP	42.2	2,595	0.0	0	0.0	0
KFDX-TV D28 DT LIC	15.0	411	6.0	114	3.0	103
KDTN D29 DT CP	676.4	130,182	241.6	50,073	235.6	48,869

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Interference to BLANK0000028671 CP scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KLEG-CD	D28	DC	CP	DALLAS, TX	BLANK0000028671	
Undesireds:	K31LQ-D	D28	LD	APP	SHERMAN, TX	K31LQ-D Ch-28 prop	139.2 km
	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	27.1
	KWKT-TV	D28	DT	APP	WACO, TX	BLANK0000034740	170.1
	KFDX-TV	D28	DT	LIC	WICHITA FALLS, TX	BLCDT20090205ABU	204.4
	KDTN	D29	DT	CP	DENTON, TX	BLANK0000034864	26.3

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
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**Table 2 K31LQ-D TVStudy Analysis of Proposal**  
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8720.3	5,320,869	8704.2	5,320,055	7824.6	5,113,164	7807.7	5,105,766	0.22	0.14
Undesired		Total IX		Unique IX, before		Unique IX, after			
K31LQ-D D28 LD APP	61.8		14,319			16.9	7,398		
KDFI D27 DT APP	807.4		196,914	193.2	76,587	189.2	74,548		
KWKT-TV D28 DT APP	60.3		3,138	4.0	8	4.0	8		
KFDX-TV D28 DT LIC	15.0		411	5.0	71	2.0	60		
KDTN D29 DT CP	676.4		130,182	62.2	9,855	60.2	8,699		

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Interference to BLANK0000028671 CP scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	KLEG-CD	D28	DC	CP	DALLAS, TX	BLANK0000028671			
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Undesireds:	K31LQ-D	D28	LD	APP	SHERMAN, TX	K31LQ-D Ch-28 prop	139.2 km		
	KDFI	D27	DT	CP	DALLAS, TX	BLANK0000027211	30.1		
	KWKT-TV	D28	DT	APP	WACO, TX	BLANK0000034740	170.1		
	KFDX-TV	D28	DT	LIC	WICHITA FALLS, TX	BLCDT20090205ABU	204.4		
	KDTN	D29	DT	CP	DENTON, TX	BLANK0000034864	26.3		
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Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
8720.3	5,320,869	8704.2	5,320,055	8008.8	5,184,304	7987.9	5,174,867	0.26	0.18

Undesired		Total IX		Unique IX, before		Unique IX, after	
K31LQ-D D28 LD APP	61.8		14,319			20.9	9,437
KDFI D27 DT CP	443.8		85,556	9.0	5,447	9.0	5,447
KWKT-TV D28 DT APP	60.3		3,138	4.0	8	4.0	8
KFDX-TV D28 DT LIC	15.0		411	5.0	71	2.0	60
KDTN D29 DT CP	676.4		130,182	240.6	50,058	234.6	48,854

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Interference to BLCDT20090205ABU LIC scenario 1

Desired:	Call KFDX-TV	Chan D28	Svc DT	Status LIC	City, State WICHITA FALLS, TX	File Number BLCDT20090205ABU	Distance			
Undesireds:	K31LQ-D	D28	LD	APP	SHERMAN, TX	K31LQ-D Ch-28 prop	162.9 km			
	KTPX-TV	D28	DT	LIC	OKMULGEE, OK	BLCDT20020510AAQ	309.8			
	KLEG-CD	D28	DC	CP	DALLAS, TX	BLANK0000028671	204.4			
	KWKT-TV	D28	DT	CP	WACO, TX	BLANK0000028462	308.5			
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX			
28075.3	381,879	27875.1		380,137	27833.4	379,861	27452.0	379,090	1.37	0.20

Undesired		Total IX		Unique IX, before		Unique IX, after	
K31LQ-D D28 LD APP	405.3		990			381.4	771
KTPX-TV D28 DT LIC	5.0		0	4.0	0	1.0	0
KLEG-CD D28 DC CP	37.8		276	36.8	276	16.9	57

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Interference to BLCDT20090205ABU LIC scenario 2

Desired:	Call KFDX-TV	Chan D28	Svc DT	Status LIC	City, State WICHITA FALLS, TX	File Number BLCDT20090205ABU	Distance		
Undesireds:	K31LQ-D	D28	LD	APP	SHERMAN, TX	K31LQ-D Ch-28 prop	162.9 km		
	KTPX-TV	D28	DT	LIC	OKMULGEE, OK	BLCDT20020510AAQ	309.8		
	KLEG-CD	D28	DC	CP	DALLAS, TX	BLANK0000028671	204.4		
	KWKT-TV	D28	DT	APP	WACO, TX	BLANK0000034740	308.5		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
28075.3	381,879	27875.1		380,137	27825.4	379,858	27445.0	379,087	1.37      0.20

Undesired		Total IX		Unique IX, before		Unique IX, after	
K31LQ-D D28 LD APP	405.3		990			380.4	771
KTPX-TV D28 DT LIC	5.0		0	4.0	0	1.0	0
KLEG-CD D28 DC CP	37.8		276	35.8	276	16.9	57
KWKT-TV D28 DT APP	9.0		3	8.0	3	7.0	3

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Interference to proposal scenario 1  
\*\*MX: 4.17% interference received

**Table 2 K31LQ-D TV Study Analysis of Proposal**  
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	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K31LQ-D	D28	LD	APP	SHERMAN, TX	K31LQ-D Ch-28 prop	
Undesireds:	K46AI-D	D27	LD	APP	DURANT, OK	BLANK0000029428	37.5 km
	KDFI	D27	DT	APP	DALLAS, TX	BLANK0000034507	161.8
	KTPX-TV	D28	DT	LIC	OKMULGEE, OK	BLCDT20020510AAQ	209.4
	KLEG-CD	D28	DC	CP	DALLAS, TX	BLANK0000028671	139.2
	KWKT-TV	D28	DT	CP	WACO, TX	BLANK0000028462	306.1
	KFDX-TV	D28	DT	LIC	WICHITA FALLS, TX	BLCDT20090205ABU	162.9
	Service area		Terrain-limited		IX-free	Percent IX	
	11897.5	269,203	11836.4	268,405	11342.4	257,220	4.17 4.17
Undesired			Total IX		Unique IX	Prct Unique IX	
K46AI-D	D27	LD	APP	341.5	8,874	320.7	8,834 2.71 3.29
KTPX-TV	D28	DT	LIC	7.0	207	3.0	0 0.03 0.00
KLEG-CD	D28	DC	CP	8.9	254	6.0	47 0.05 0.02
KFDX-TV	D28	DT	LIC	164.4	2,304	137.5	2,057 1.16 0.77