

**Special Displacement Window Application**

LPTV or Translator Facility: K49CK-D Facility ID 17504 Stead, NV  
Licensed Ch. 49 File# BLDTT-20120302AAK

Nature of Displacement: Within 600 MHz wireless spectrum

Proposed Facility: Ch. 28 0.42 kW ERP directional (azimuth pattern in Figure 1)

Modification Compliance: 0.0 km from licensed site  
No change in contour (comparison in Figure 2)  
TVStudy Analysis report in Table 1  
Proposed K49CK-D displacement has priority over the following applications for new LPTV stations:  
New Ch. 28 Reno NV BNPDTL-20090825BFX  
New Ch. 28 Reno NV BNPDTL-20090825AXH  
New Ch. 28 Reno NV BNPDTL-20090825BON  
New Ch. 28 Reno NV BNPDTL-20090825AON  
New Ch. 28 Sparks NV BNPDTL-20090825BDO

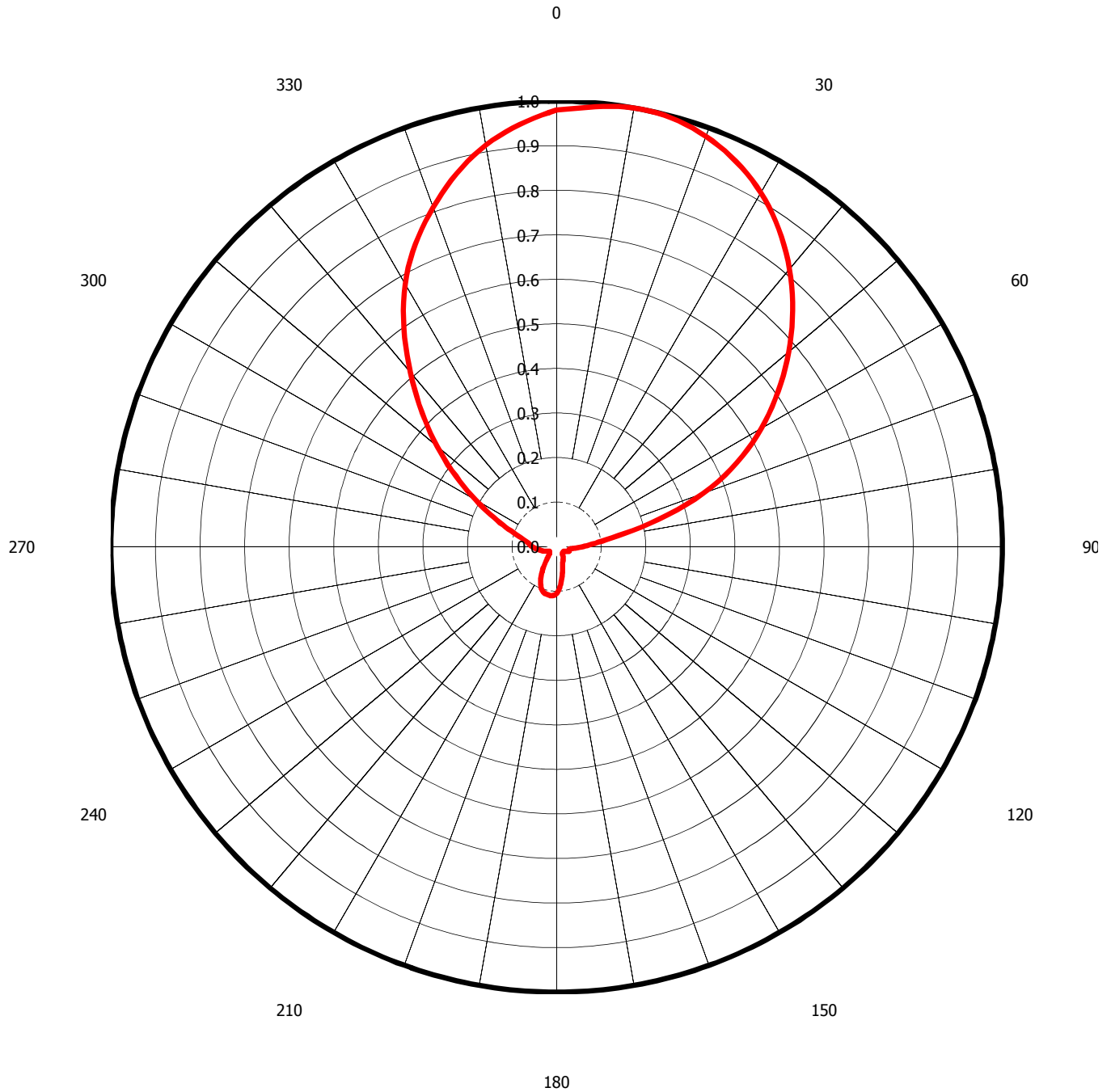
Contingent Application Rule: No waiver required, not dependent on spectrum to be vacated

RF Exposure: The calculated signal density near the antenna structure at two meters above ground level attributable to the proposed facility is 2.8 percent of the general population/uncontrolled maximum permitted exposure limit. Calculations conducted pursuant to FCC OET Bulletin Number 65 and incorporate 30 percent relative field at downward angles (from antenna elevation pattern data). 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 8, 2018  
207 Old Dominion Road Yorktown, VA 23692 703-650-9600

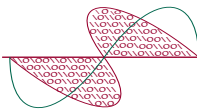
**Azimuth Pattern - Relative Field  
(True North)**



**Figure 1**  
**Antenna Azimuthal Pattern**  
**K49CK-D Stead, NV**  
**Facility ID 17504**  
**Ch. 28 (digital) 0.42 kW**

prepared for  
**Gray Television Licensee, LLC**

May, 2018



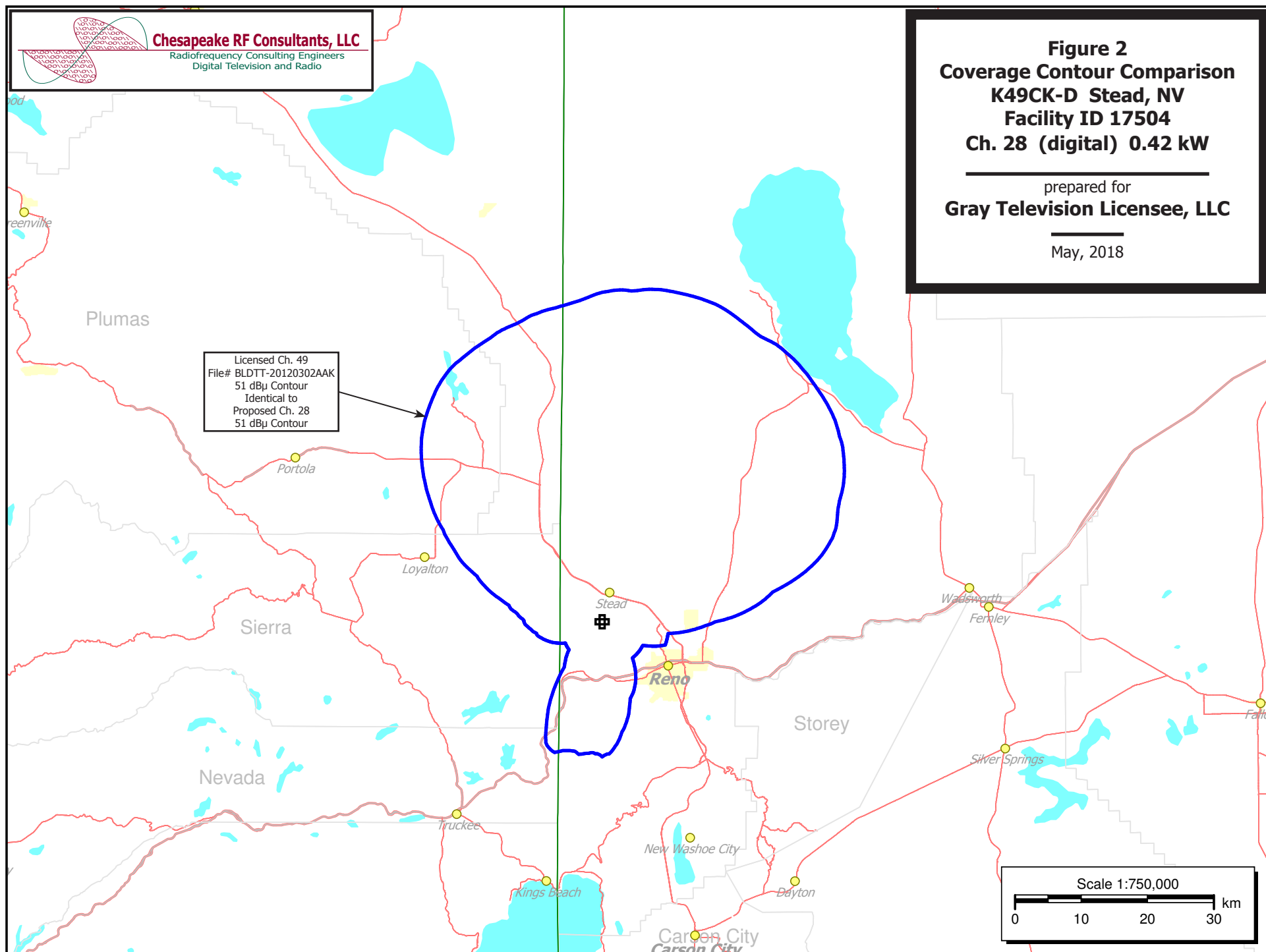
**Chesapeake RF Consultants, LLC**  
Radiofrequency Consulting Engineers  
Digital Television and Radio

**Figure 2**  
**Coverage Contour Comparison**  
**K49CK-D Stead, NV**  
**Facility ID 17504**  
**Ch. 28 (digital) 0.42 kW**

prepared for  
**Gray Television Licensee, LLC**

May, 2018

Licensed Ch. 49  
File# BLDTT-20120302AAK  
51 dBμ Contour  
Identical to  
Proposed Ch. 28  
51 dBμ Contour



# **Table 1 K49CK-D TVStudy Analysis of Proposal** (page 1 of 6)



tvstudy v2.2.5 (4uoc83)  
Database: localhost, Study: K49CK-D Ch-28 all, Model: Longley-Rice  
Start: 2018.05.08 19:26:19

Study created: 2018.05.08 19:26:19

Study build station data: LMS TV 2018-05-08

Proposal: K49CK-D D28 LD APP STEAD, NV  
File number: K49CK-D Ch-28  
Facility ID: 17504  
Station data: User record  
Record ID: 2050  
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
No	KRRI-LP	N25-	TX	LIC	RENO, NV	BLTTL19981028JG	11.2 km
No	KUCO-LP	N27+	TX	LIC	CHICO, CA	BLTTL20050405AAP	157.9
No	KUCO-LP	D27	LD	CP	CHICO, CA	BDFCDTL20110404AFA	157.9
No	KBTW-CD	D27	DC	LIC	SACRAMENTO, CA	BLDTA20140908ADO	175.7
No	K40MV-D	D27	LD	APP	SUSANVILLE, ETC, CA	BLANK0000052276	102.1
Yes	K27LV-D	D27	LD	CP	INCLINE VILLAGE, NV	BMPDTT20130204AAI	31.2
Yes	NEW	D27	LD	APP	RENO, NV	BNPDTL20090825BTW	31.3
No	NEW	D27	LD	APP	RENO, NV	BNPDTL20090825BOO	18.3
No	K43LV-D	D28	LD	APP	CHALFANT VALLEY, CA	BLANK0000052608	259.8
No	KBVU	D28	DT	LIC	EUREKA, CA	BLCDT20130607AAU	366.0
No	K28DB-D	D28	LD	LIC	FALL RIVER MILLS, CA	BLDTT20080826AAR	205.1
No	K28CY-D	D28	LD	LIC	LEWISTON, CA	BLDTT20081007AFA	275.5
No	K28MZ-D	D28	LD	CP	NEWMAN, CA	BNPDTL20100513ADV	266.2
No	K28LC-D	D28	LD	LIC	REDDING, CA	BLDTL20140221ACT	237.5
No	KMMD-CD	D28	DC	CP	SALINAS, CA	BLANK0000028150	370.4
No	KBCW	D28	DT	CP	SAN FRANCISCO, CA	BLANK0000033563	299.2
No	KCNZ-CD	D28z	DC	LIC	SAN FRANCISCO, CA	BLDTA20100419ACP	303.4
No	KDTV-CD	D28	DC	LIC	SANTA ROSA, CA	BLDTA20100730ADZ	253.9
No	KMMW-LD	D28	LD	LIC	STOCKTON, CA	BLDTL20090518ADI	177.3
No	KMPH-TV	D28	DT	LIC	VISALIA, CA	BLCDT20030204AGN	337.5
No	KMPH-TV	D28	DT	APP	VISALIA, CA	BLANK0000035647	337.5
No	K28LA-D	D28	LD	LIC	YREKA, CA	BLDTL20140221ACN	318.6
No	KKPM-CD	D28+	DC	APP	Yuba City, CA	BLANK0000036125	168.0
No	KKPM-CD	D28+	DC	LIC	Yuba City, CA	BLDTA20100914AHF	168.0
No	K28LH-D	D28	LD	LIC	BEOWAWE, NV	BLDTT20111230AAR	298.3
No	K28LM-D	D28	LD	LIC	EUREKA, NV	BLDTT20111230AAN	339.7
Yes	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825BFX	11.1
Yes	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825AXH	2.0
Yes	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825BON	18.3
Yes	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825AON	11.1
Yes	NEW	D28	LD	APP	SPARKS, NV	BNPDTL20090825BDO	11.0
No	K28GX-D	D28	LD	LIC	WALKER LAKE, NV	BLDTT20111208ACF	162.1
No	K28MY-D	D28	LD	CP	WINNEMUCCA, NV	BNPDTL20100512AHI	239.8
No	K28LO-D	D28	LD	LIC	PAISLEY, OR	BLDTT20120524AHT	313.6
No	K46HL-D	D29	LD	APP	SUSANVILLE, ETC, CA	BLANK0000052280	102.1
No	K29ES-D	D29	LD	LIC	CARSON CITY, NV	BLDTT20091105AAY	43.9
No	K48GG-D	D29	LD	APP	HAWTHORNE, NV	BLANK0000052561	161.1
No	K29BN-D	D29	LD	LIC	SILVER SPRINGS, ETC., NV	BLDTT20120524AIJ	55.0

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: 39 35 21.60 N (NAD83)  
Longitude: 119 55 42.70 W

**Table 1 K49CK-D TVStudy Analysis of Proposal**  
(page 2 of 6)



Height AMSL: 2530.0 m  
HAAT: 0.0 m  
Peak ERP: 0.420 kW  
Antenna: SCA-4DR-4S (ID 20748) 10.0 deg  
Elev Pattn: Generic

50.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.403 kW	914.8 m	51.0 km
45.0	0.234	992.2	48.7
90.0	0.002	957.5	17.9
135.0	0.000	1015.5	7.8
180.0	0.005	727.3	21.6
225.0	0.000	645.0	8.3
270.0	0.001	475.4	12.6
315.0	0.078	858.5	39.7

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m Computed HAAT: 823 m

Distance to Canadian border: 1002.0 km

Distance to Mexican border: 808.8 km

Conditions at FCC monitoring station: Livermore CA  
Bearing: 218.0 degrees Distance: 260.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 82.4 degrees Distance: 1252.0 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%

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Interference to BMPD TT20130204AAI CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	K27LV-D	D27	LD	CP	INCLINE VILLAGE, NV	BMPD TT20130204AAI	
Undesireds:	K49CK-D	D28	LD	APP	STEAD, NV	K49CK-D Ch-28	31.2 km
	KREN-TV	D26	DT	LIC	RENO, NV	BLC DT20090227AAM	0.3
	KUCO-LP	N27+	TX	LIC	CHICO, CA	BLT TL20050405AAP	172.4
	K27GZ	D27+	LD	CP	MARIPOSA, CA	BLANK0000022396	171.7
	KBT V-CD	D27	DC	LIC	SACRAMENTO, CA	BLDTA20140908ADO	160.9
	KCSM-TV	D27	DT	CP	SAN MATEO, CA	BLANK0000034004	282.4
	K40MV-D	D27	LD	APP	SUSANVILLE, ETC, CA	BLANK0000052276	132.6
	NEW	D27	LD	APP	RENO, NV	BNP DTL20090825BTW	0.0
	NEW	D27	LD	APP	RENO, NV	BNP DTL20090825BOO	33.9
	NEW	D28	LD	APP	RENO, NV	BNP DTL20090825BFX	31.3
	NEW	D28	LD	APP	RENO, NV	BNP DTL20090825BON	33.9
	NEW	D28	LD	APP	RENO, NV	BNP DTL20090825AON	31.3
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	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	17825.0	645,227	12094.4	514,155	6685.4	62,448	6685.4 62,448 0.00 0.00
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Undesired	Total IX		Unique IX, before		Unique IX, after		
K49CK-D D28 LD APP	1.0		0		0.0 0		
KREN-TV D26 DT LIC	85.7		3,922		2.0 0 2.0 0		
KUCO-LP N27+ TX LIC	1.0		0		0.0 0 0.0 0		
KBT V-CD D27 DC LIC	12.9		0		0.0 0 0.0 0		
KCSM-TV D27 DT CP	19.9		0		1.0 0 1.0 0		
K40MV-D D27 LD APP	5.0		2		0.0 0 0.0 0		
NEW D27 LD APP	5405.0		451,707		5036.8 328,767 5035.8 328,767		
NEW D27 LD APP	219.8		104,996		1.0 0 1.0 0		
NEW D28 LD APP	86.5		20,641		0.0 0 0.0 0		
NEW D28 LD APP	5.9		637		0.0 0 0.0 0		

**Table 1 K49CK-D TVStudy Analysis of Proposal**  
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NEW D28 LD APP 81.4 23,570 0.0 0 0.0 0

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Interference to BMPD TT20130204AAI CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K27LV-D	D27	LD	CP	INCLINE VILLAGE, NV	BMPD TT20130204AAI	
Undesireds:	K49CK-D	D28	LD	APP	STEAD, NV	K49CK-D Ch-28	31.2 km
	KREN-TV	D26	DT	LIC	RENO, NV	BLCDT20090227AAM	0.3
	KUCO-LP	D27	LD	CP	CHICO, CA	BDFCDTL20110404AFA	172.4
	K27GZ	D27+	LD	CP	MARIPOSA, CA	BLANK0000022396	171.7
	KBTv-CD	D27	DC	LIC	SACRAMENTO, CA	BLDTA20140908ADO	160.9
	KCSM-TV	D27	DT	CP	SAN MATEO, CA	BLANK0000034004	282.4
	K40MV-D	D27	LD	APP	SUSANVILLE, ETC, CA	BLANK0000052276	132.6
	NEW	D27	LD	APP	RENO, NV	BNPDTL20090825BTW	0.0
	NEW	D27	LD	APP	RENO, NV	BNPDTL20090825BOO	33.9
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825BFX	31.3
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825BON	33.9
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825AON	31.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
17825.0 645,227	12094.4 514,155	6685.4 62,448	6685.4 62,448	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
K49CK-D D28 LD APP	1.0 0	0.0 0	0
KREN-TV D26 DT LIC	85.7 3,922	2.0 0	0
KUCO-LP D27 LD CP	2.0 0	0.0 0	0
KBTv-CD D27 DC LIC	12.9 0	0.0 0	0
KCSM-TV D27 DT CP	19.9 0	1.0 0	0
K40MV-D D27 LD APP	5.0 2	0.0 0	0
NEW D27 LD APP	5405.0 451,707	5036.8 328,767	5035.8 328,767
NEW D27 LD APP	219.8 104,996	1.0 0	0
NEW D28 LD APP	86.5 20,641	0.0 0	0
NEW D28 LD APP	5.9 637	0.0 0	0
NEW D28 LD APP	81.4 23,570	0.0 0	0

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Interference to BNPDTL20090825BTW APP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	NEW	D27	LD	APP	RENO, NV	BNPDTL20090825BTW	
Undesireds:	K49CK-D	D28	LD	APP	STEAD, NV	K49CK-D Ch-28	31.3 km
	KREN-TV	D26	DT	LIC	RENO, NV	BLCDT20090227AAM	0.3
	KUCO-LP	N27+	TX	LIC	CHICO, CA	BLTTL20050405AAP	172.4
	K27GZ	D27+	LD	CP	MARIPOSA, CA	BLANK0000022396	171.7
	KBTv-CD	D27	DC	LIC	SACRAMENTO, CA	BLDTA20140908ADO	160.8
	KCSM-TV	D27	DT	CP	SAN MATEO, CA	BLANK0000034004	282.3
	K40MV-D	D27	LD	APP	SUSANVILLE, ETC, CA	BLANK0000052276	132.6
	K27LV-D	D27	LD	CP	INCLINE VILLAGE, NV	BMPD TT20130204AAI	0.0
	NEW	D27	LD	APP	RENO, NV	BNPDTL20090825BOO	33.9
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825BFX	31.3
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825BON	33.9
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825AON	31.3
	NEW	D28	LD	APP	SPARKS, NV	BNPDTL20090825BDO	31.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
17653.1 645,132	12026.2 520,876	6574.3 58,208	6574.3 58,208	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
K49CK-D D28 LD APP	1.0 0	0.0 0	0
KREN-TV D26 DT LIC	109.7 4,429	1.0 0	0
KUCO-LP N27+ TX LIC	1.0 0	0.0 0	0
KBTv-CD D27 DC LIC	10.9 0	0.0 0	0
KCSM-TV D27 DT CP	17.9 0	2.0 0	0
K40MV-D D27 LD APP	4.0 2	0.0 0	0
K27LV-D D27 LD CP	5445.9 460,915	5080.4 352,329	5079.4 352,329
NEW D27 LD APP	197.1 84,753	3.0 1,753	3.0 1,753
NEW D28 LD APP	87.4 27,381	0.0 0	0
NEW D28 LD APP	5.9 637	0.0 0	0
NEW D28 LD APP	85.4 31,372	0.0 0	0
NEW D28 LD APP	1.0 0	0.0 0	0

**Table 1 K49CK-D TVStudy Analysis of Proposal**  
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Interference to BNPDTL20090825BTW APP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	NEW	D27	LD	APP	RENO, NV	BNPDTL20090825BTW	
Undesireds:	K49CK-D	D28	LD	APP	STEAD, NV	K49CK-D Ch-28	31.3 km
	KREN-TV	D26	DT	LIC	RENO, NV	BLCDT20090227AAM	0.3
	KUCO-LP	D27	LD	CP	CHICO, CA	BDFCDTL20110404AFA	172.4
	K27GZ	D27+	LD	CP	MARIPOSA, CA	BLANK0000022396	171.7
	KBTW-CD	D27	DC	LIC	SACRAMENTO, CA	BLDTA20140908ADO	160.8
	KCSM-TV	D27	DT	CP	SAN MATEO, CA	BLANK0000034004	282.3
	K40MV-D	D27	LD	APP	SUSANVILLE, ETC, CA	BLANK0000052276	132.6
	K27LV-D	D27	LD	CP	INCLINE VILLAGE, NV	BMPDPTT20130204AAI	0.0
	NEW	D27	LD	APP	RENO, NV	BNPDTL20090825BOO	33.9
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825BFX	31.3
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825BON	33.9
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825AON	31.3
	NEW	D28	LD	APP	SPARKS, NV	BNPDTL20090825BDO	31.2
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
17653.1	645,132	12026.2	520,876	6574.3	58,208	6574.3 58,208	0.00 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
K49CK-D	D28 LD APP	1.0	0			0.0 0	
KREN-TV	D26 DT LIC	109.7	4,429	1.0	0	1.0 0	
KUCO-LP	D27 LD CP	1.0	0	0.0	0	0.0 0	
KBTW-CD	D27 DC LIC	10.9	0	0.0	0	0.0 0	
KCSM-TV	D27 DT CP	17.9	0	2.0	0	2.0 0	
K40MV-D	D27 LD APP	4.0	2	0.0	0	0.0 0	
K27LV-D	D27 LD CP	5445.9	460,915	5080.4	352,329	5079.4 352,329	
NEW	D27 LD APP	197.1	84,753	3.0	1,753	3.0 1,753	
NEW	D28 LD APP	87.4	27,381	0.0	0	0.0 0	
NEW	D28 LD APP	5.9	637	0.0	0	0.0 0	
NEW	D28 LD APP	85.4	31,372	0.0	0	0.0 0	
NEW	D28 LD APP	1.0	0	0.0	0	0.0 0	

Interference to BNPDTL20090825BFX APP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825BFX	
Undesireds:	K49CK-D	D28	LD	APP	STEAD, NV	K49CK-D Ch-28	11.1 km
	K27LV-D	D27	LD	CP	INCLINE VILLAGE, NV	BMPDPTT20130204AAI	31.3
	NEW	D27	LD	APP	RENO, NV	BNPDTL20090825BTW	31.3
	NEW	D27	LD	APP	RENO, NV	BNPDTL20090825BOO	7.2
	KMPH-TV	D28	DT	LIC	VISALIA, CA	BLCDT20030204AGN	334.0
	KKPM-CD	D28+	DC	APP	Yuba City, CA	BLANK0000036125	178.7
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825AXH	12.8
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825BON	7.2
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825AON	0.0
	NEW	D28	LD	APP	SPARKS, NV	BNPDTL20090825BDO	0.1
	K29ES-D	D29	LD	LIC	CARSON CITY, NV	BLDTT20091105AAY	41.2
	K29BN-D	D29	LD	LIC	SILVER SPRINGS, ETC., NV	BLDTT20120524AIJ	44.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
8225.5	552,197	4218.7	427,250	2344.1	56,160	2342.1 56,160	0.09 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
K49CK-D	D28 LD APP	239.5	2,134			2.0 0	
K27LV-D	D27 LD CP	69.1	622	0.0	0	0.0 0	
NEW	D27 LD APP	187.0	1,515	3.0	249	1.0 21	
NEW	D27 LD APP	13.0	0	0.0	0	0.0 0	
NEW	D28 LD APP	34.9	121	0.0	0	0.0 0	
NEW	D28 LD APP	284.9	32,013	1.0	0	1.0 0	
NEW	D28 LD APP	1866.6	370,841	1402.8	337,766	1312.5 336,194	
NEW	D28 LD APP	38.7	313	0.0	0	0.0 0	
K29ES-D	D29 LD LIC	10.9	283	0.0	0	0.0 0	
K29BN-D	D29 LD LIC	1.0	121	0.0	0	0.0 0	

**Table 1 K49CK-D TVStudy Analysis of Proposal**  
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Interference to BNPDTL20090825AXH APP scenario 1

Desired:	Call NEW	Chan D28	Svc LD	Status APP	City, State RENO, NV	File Number BNPDTL20090825AXH	Distance
Undesireds:	K49CK-D	D28	LD	APP	STEAD, NV	K49CK-D Ch-28	2.0 km
	KKPM-CD	D28+	DC	APP	Yuba City, CA	BLANK0000036125	166.1
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825BFX	12.8
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825BON	20.0
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825AON	12.8
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
297.4	58,631	279.5	55,152	276.6	55,152	276.6 55,152	0.00 0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
K49CK-D	D28 LD APP	2.0	0		0.0	0	
NEW D28	LD APP	3.0	0	0.0	0	0.0	0
NEW D28	LD APP	3.0	0	0.0	0	0.0	0
NEW D28	LD APP	3.0	0	0.0	0	0.0	0

Interference to BNPDTL20090825BON APP scenario 1

Desired:	Call NEW	Chan D28	Svc LD	Status APP	City, State RENO, NV	File Number BNPDTL20090825BON	Distance	
Undesireds:	K49CK-D	D28	LD	APP	STEAD, NV	K49CK-D Ch-28	18.3 km	
	K27LV-D	D27	LD	CP	INCLINE VILLAGE, NV	BMPDPT20130204AAI	33.9	
	NEW	D27	LD	APP	RENO, NV	BNPDTL20090825BTW	33.9	
	KKPM-CD	D28+	DC	APP	Yuba City, CA	BLANK0000036125	185.7	
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825BFX	7.2	
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825AXH	20.0	
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825AON	7.2	
	NEW	D28	LD	APP	SPARKS, NV	BNPDTL20090825BDO	7.3	
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX	
1034.5	374,533	865.2	356,689	518.4	114,081	518.4	114,081	0.00 0.00
Undesired				Total IX	Unique IX, before		Unique IX, after	
K49CK-D	D28	LD	APP	12.9	4,533	0.0 0		
K27LV-D	D27	LD	CP	5.0	6	0.0 0		
NEW	D27	LD	APP	41.7	36,473	0.0 0		
NEW	D28	LD	APP	344.8	240,588	2.0 817		
NEW	D28	LD	APP	3.0	0	0.0 0		
NEW	D28	LD	APP	341.9	239,947	1.0 1,779		
NEW	D28	LD	APP	209.7	192,003	1.0 241		

Interference to BNPDTL20090825AON APP scenario 1

Desired:	Call NEW	Chan D28	Svc LD	Status APP	City, State RENO, NV	File Number BNPDTL20090825AON	Distance			
Undesireds:	K49CK-D	D28	LD	APP	STEAD, NV	K49CK-D Ch-28	11.1 km			
	K27LV-D	D27	LD	CP	INCLINE VILLAGE, NV	BMPDPT20130204AAI	31.3			
	NEW	D27	LD	APP	RENO, NV	BNPDTL20090825BTW	31.3			
	NEW	D27	LD	APP	RENO, NV	BNPDTL20090825BOO	7.2			
	KMPH-TV	D28	DT	LIC	VISALIA, CA	BLCDT20030204AGN	334.0			
	KKPM-CD	D28+	DC	APP	Yuba City, CA	BLANK0000036125	178.7			
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825BFX	0.0			
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825AXH	12.8			
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825BON	7.2			
	NEW	D28	LD	APP	SPARKS, NV	BNPDTL20090825BDO	0.1			
	K29ES-D	D29	LD	LIC	CARSON CITY, NV	BLDTT20091105AAY	41.2			
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX			
7171.6	535,658	3858.7	424,323		2059.8	52,935	2058.8	52,935	0.05	0.00
Undesired				Total IX		Unique IX, before		Unique IX, after		
K49CK-D	D28	LD	APP	218.5	2,771		1.0	0		
K27LV-D	D27	LD	CP	55.2	443		0.0	0		
NEW	D27	LD	APP	181.1	2,284		4.0	789		
NEW	D27	LD	APP	15.0	603		0.0	0		



# Table 1 K49CK-D TVStudy Analysis of Proposal

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NEW D28 LD APP	1790.0	370,192	1087.6	281,399	1021.4	279,901
NEW D28 LD APP	33.9	18	1.0	0	0.0	0
NEW D28 LD APP	394.7	58,175	4.0	407	2.0	40
NEW D28 LD APP	257.5	44,298	0.0	0	0.0	0
K29ES-D D29 LD LIC	10.9	175	0.0	0	0.0	0

Interference to BNPDTL20090825BDO APP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	NEW	D28	LD	APP	SPARKS, NV	BNPDTL20090825BDO	
Undesireds:	K49CK-D	D28	LD	APP	STEAD, NV	K49CK-D Ch-28	11.0 km
	K27LV-D	D27	LD	CP	INCLINE VILLAGE, NV	BMPDPTT20130204AAI	31.2
	NEW	D27	LD	APP	RENO, NV	BNPDTL20090825BTW	31.2
	NEW	D27	LD	APP	RENO, NV	BNPDTL20090825BOO	7.3
	KMPH-TV	D28	DT	LIC	VISALIA, CA	BLCDT20030204AGN	334.0
	KKPM-CD	D28+	DC	APP	Yuba City, CA	BLANK0000036125	178.6
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825BFX	0.1
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825BON	7.3
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825AON	0.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
982.5 329,769	851.8 323,868	237.6 16,605	237.6 16,605	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
K49CK-D D28 LD APP	35.5 20,935	0.0 0	0.0 0
K27LV-D D27 LD CP	7.9 3,635	0.0 0	0.0 0
NEW D27 LD APP	63.2 31,561	0.0 0	0.0 0
NEW D27 LD APP	29.6 13,148	0.0 0	0.0 0
NEW D28 LD APP	612.3 307,263	0.0 0	0.0 0
NEW D28 LD APP	328.4 155,402	0.0 0	0.0 0
NEW D28 LD APP	611.3 306,163	0.0 0	0.0 0

Interference to proposal scenario 1

\*\*MX: 68.89% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	K49CK-D	D28	LD	APP	STEAD, NV	K49CK-D Ch-28	
Undesireds:	K27LV-D	D27	LD	CP	INCLINE VILLAGE, NV	BMPDPTT20130204AAI	31.2 km
	NEW	D27	LD	APP	RENO, NV	BNPDTL20090825BTW	31.3
	NEW	D27	LD	APP	RENO, NV	BNPDTL20090825BOO	18.3
	KKPM-CD	D28+	DC	APP	Yuba City, CA	BLANK0000036125	168.0
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825BFX	11.1
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825AXH	2.0
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825BON	18.3
	NEW	D28	LD	APP	RENO, NV	BNPDTL20090825AON	11.1
	NEW	D28	LD	APP	SPARKS, NV	BNPDTL20090825BDO	11.0

Service area	Terrain-limited	IX-free	Percent IX
3013.2 144,210	2292.0 95,019	1453.7 29,564	36.57 68.89

Undesired	Total IX	Unique IX	Prcnt Unique IX
K27LV-D D27 LD CP	11.0 147	0.0 0	0.00 0.00
NEW D27 LD APP	325.5 34,077	106.6 96	4.65 0.10
NEW D27 LD APP	36.6 6,906	0.0 0	0.00 0.00
NEW D28 LD APP	696.7 63,807	12.0 584	0.53 0.61
NEW D28 LD APP	60.1 718	7.1 201	0.31 0.21
NEW D28 LD APP	148.1 9,113	12.0 4	0.53 0.00
NEW D28 LD APP	682.6 63,780	3.0 557	0.13 0.59
NEW D28 LD APP	194.4 37,668	0.0 0	0.00 0.00