

1 tvstudy v2.2.5 (4uoc83)  
2 Database: 127.0.0.1, Study: BNPDLV20090827ACY #220, Model: Longley-Rice  
3 Start: 2018.08.05 10:29:54  
4

5 Study created: 2018.08.05 10:29:53  
6

7 Study build station data: LMS TV 2018-08-04  
8

9 Proposal: K02QW-D D2 LD CP RENO, NV  
10 File number: BNPDLV20090827ACY  
11 Facility ID: 183039  
12 Station data: User record  
13 Record ID: 69  
14 Country: U.S.  
15

16 Build options:  
17 Protect pre-transition records not on baseline channel  
18

19 Stations potentially affected by proposal:  
20

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K18LJ-D	D2	LD	APP	DUNSMUR, ETC, CA	BDFCDTV20111026AEH	279.4 km
No	K18LJ-D	N2	TX	LIC	DUNSMUR, ETC, CA	BLTTV4615	279.4
No	K02FF	N2	TX	LIC	LAKEHEAD, CA	BLTTV3832	261.3
No	KFTY-LD	D2	LD	CP	MIDDLETOWN, CA	BPDVL20140620ABA	218.9
No	KFTY-LD	D2	LD	LIC	MIDDLETOWN, CA	BLDVL20140310AAD	264.6
No	KQRO-LD	D2	LD	LIC	MORGAN HILL, CA	BLANK0000001892	326.3
No	KQRM-LP	N2+	TX	LIC	PETALUMA, CA	BLTVL20120907AEC	303.6
No	K02QP-D	D2	LD	CP	Planada, CA	BLANK0000040348	290.8
No	K02QP-D	D2	LD	LIC	Planada, CA	BLANK0000040200	266.2
No	K51LK-D	D2	LD	APP	REDDING, CA	BLANK0000054609	260.1
No	DKAAP-LP	N2z	TX	APP	SANTA CRUZ, CA	BLTVL20100721DAA	374.5
No	K02OD-D	D2	LD	LIC	SHELTER COVE, CA	BLDTV20120622AAQ	365.5
No	K02EE-D	D2	LD	LIC	WEAVERVILLE, CA	BLDTV20080930AEI	298.2
No	KXVU-LP	D3-	LD	APP	CHICO, CA	BLANK0000054400	168.7
No	KCSO-LD	D3	LD	LIC	SACRAMENTO, CA	BLANK0000024609	207.5
No	KCNL-LD	D3	LD	LIC	RENO, NV	BLDVL20140619ABN	0.0

38  
39 No non-directional AM stations found within 0.8 km  
40

41 No directional AM stations found within 3.2 km  
42

43 Record parameters as studied:  
44

45 Channel: D2  
46 Mask: Full Service  
47 Latitude: 39 35 2.00 N (NAD83)  
48 Longitude: 119 47 59.00 W  
49 Height AMSL: 1697.0 m  
50 HAAT: 0.0 m  
51 Peak ERP: 3.00 kW  
52 Antenna: CA2-CP 180.0 deg  
53 Elev Pattn: Generic  
54

55 43.0 dBu contour:  
56 Azimuth ERP HAAT Distance  
57 0.0 deg 0.203 kW 67.5 m 25.6 km  
58 45.0 0.031 267.3 30.7  
59 90.0 0.003 207.5 16.4  
60 135.0 1.24 256.2 56.9  
61 180.0 3.00 322.4 68.3  
62 225.0 1.24 173.3 51.5  
63 270.0 0.002 -279.1 5.8  
64 315.0 0.033 158.2 24.7  
65

66 Database HAAT does not agree with computed HAAT  
67 Database HAAT: 0 m Computed HAAT: 147 m  
68

69 Distance to Canadian border: 1005.4 km  
70

71 Distance to Mexican border: 805.1 km  
72

73 Conditions at FCC monitoring station: Livermore CA  
74 Bearing: 220.0 degrees Distance: 267.3 km  
75

76 Proposal is not within the West Virginia quiet zone area  
77

78 Conditions at Table Mountain receiving zone:  
79 Bearing: 82.4 degrees Distance: 1241.1 km  
80

81  
82 Study cell size: 1.00 km  
83 Profile point spacing: 1.00 km  
84

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

87										
88										
89	-----									
90	Interference to proposal scenario 1									
91										
92		Call	Chan	Svc	Status	City, State	File Number	Distance		
93	Desired:	K02QW-D	D2	LD	CP	RENO, NV	BNPDVL20090827ACY			
94										
95	Undesireds:	K18LJ-D	D2	LD	APP	DUNSMUR, ETC, CA	BDFCDTV20111026AEH	279.4 km		
96		KFTY-LD	D2	LD	CP	MIDDLETOWN, CA	BPDVL20140620ABA	218.9		
97		K02QP-D	D2	LD	CP	Planada, CA	BLANK0000040348	290.8		
98										
99	Service area		Terrain-limited			IX-free	Percent IX			
100	5022.5	528,891	4509.5	514,122	4500.6	514,122	0.20	0.00		
101										
102	Undesired				Total IX	Unique IX	Prcnt Unique IX			
103	KFTY-LD D2 LD CP	8.9			0	8.9	0	0.20 0.00		
104										
105	-----									
106	Interference to proposal scenario 2									
107										
108		Call	Chan	Svc	Status	City, State	File Number	Distance		
109	Desired:	K02QW-D	D2	LD	CP	RENO, NV	BNPDVL20090827ACY			
110										
111	Undesireds:	K18LJ-D	D2	LD	APP	DUNSMUR, ETC, CA	BDFCDTV20111026AEH	279.4 km		
112		KFTY-LD	D2	LD	LIC	MIDDLETOWN, CA	BLDVL20140310AAD	264.6		
113		K02QP-D	D2	LD	CP	Planada, CA	BLANK0000040348	290.8		
114										
115	Service area		Terrain-limited			IX-free	Percent IX			
116	5022.5	528,891	4509.5	514,122	4487.7	514,104	0.48	0.00		
117										
118	Undesired				Total IX	Unique IX	Prcnt Unique IX			
119	KFTY-LD D2 LD LIC	21.8			18	21.8	18	0.48 0.00		
120										