

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: GoldenValley8d1kwincSam160at180fA1, Model: Longley-Rice

Start: 2022.05.06 08:52:33

Study created: 2022.05.06 08:52:33

Study build station data: LMS TV 2022-05-06

Proposal: K08QN-D D8 LD CP GOLDEN VALLEY, AZ

Facility ID: 186641

Station data: User record

Record ID: 2058

Country: U.S.

Build options:

Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K07YJ-D	D7	LD	LIC	BULLHEAD CITY, AZ	BLDTV20130308AAN	33.7 km
No	KAZT-TV	D7	DT	LIC	PRESCOTT, AZ	BLCDT20090612AEO	204.1
Yes	KLAS-TV	D7	DT	LIC	LAS VEGAS, NV	BLANK00000112828	101.0
No	K08PK-D	D8	LD	LIC	BULLHEAD CITY, AZ	BLDTV20130308AAP	33.7
No	KAET	D8	DT	LIC	PHOENIX, AZ	BLANK00000143455	297.4
No	K08QK-D	D8	LD	CP	Calexico, CA	BMJADVL20100520ADH	315.9
No	KILA-LD	D8	LD	LIC	CHERRY VALLEY, CA	BLANK00000010869	319.6
No	KILA-LD	D8	LD	CP	CHERRY VALLEY, CA	BLANK00000182594	355.5
No	KVPS-LD	D8+	LD	LIC	INDIO, CA	BLANK00000124912	260.5
No	KFLA-LD	D8	LD	LIC	LOS ANGELES, CA	BLANK00000010497	372.6
No	KTAV-LD	D8	LD	APP	Los Angeles, CA	BLANK00000054684	374.6
No	KFMB-TV	D8	DT	CP	SAN DIEGO, CA	BLANK00000035772	393.7
No	KFMB-TV	D8	DT	LIC	SAN DIEGO, CA	BLCDT20100520ACV	393.7
No	K08PE-D	D8	LD	LIC	ALAMO, ETC., NV	BLDTV20101228ABR	242.0
No	K08PG-D	D8	LD	LIC	INDIAN SPRINGS, NV	BLDTV20130214ADF	190.0
Yes	KEGS-LD	D8	LD	CP	LAS VEGAS, NV	BLANK00000158749	101.0
No	K08PJ-D	D8	LD	LIC	CEDAR CITY, UT	BLANK00000105380	277.1
No	K08PC-D	D8	LD	LIC	HILDALE, ETC. (AZ), UT	BLDTV20110209ADC	203.3
No	K32HR-D	D8	LD	LIC	LONG VALLEY JUNCTION, UT	BLANK00000059933	285.5
No	K08EN-D	D8	LD	LIC	PINE VALLEY, ETC., UT	BLDTV20090406AEZ	265.1
No	K08BO-D	D8	LD	LIC	VIRGIN, UT	BLDTV20090406AFJ	229.3

No	KEYY-TV	D9	DT	LIC	EL CENTRO, CA	BLCDT20090723AAO	259.6
Yes	KVVU-TV	D9	DT	LIC	HENDERSON, NV	BLANK0000142740	103.4
No	KMYU	D9	DT	CP	ST. GEORGE, UT	BLANK00000035745	200.5
No	KMYU	D9	DT	LIC	ST. GEORGE, UT	BLCDT20021031ABG	200.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D8  
 Mask: Full Service  
 Latitude: 35 20 6.00 N (NAD83)  
 Longitude: 114 12 56.00 W  
 Height AMSL: 1042.2 m (Adjusted based on actual ground elevation calculation)  
 HAAT: 0.0 m  
 Peak ERP: 1.00 kW  
 Antenna: SAM-SAM-160 (ID 1005900) 180.0 deg  
 Elev Pattnr: Generic

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.020 kW	-229.0 m	9.0 km
45.0	0.009	-454.4	7.3
90.0	0.000	-272.2	4.1
135.0	0.226	-143.4	16.2
180.0	1.00	145.1	43.9
225.0	0.226	116.1	30.3
270.0	0.000	-82.2	4.1
315.0	0.009	22.9	7.3

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m    Computed HAAT: -112 m

Distance to Canadian border: 1518.8 km

Distance to Mexican border: 294.5 km

Conditions at FCC monitoring station: Douglas AZ

Bearing: 133.9 degrees    Distance: 600.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 53.3 degrees Distance: 949.7 km

Study cell size: 1.00 km

Profile point spacing: 0.10 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 BLANK0000112828 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KLAS-TV	D7	DT	LIC	LAS VEGAS, NV	BLANK0000112828	
Undesireds:	K08QN-D	D8	LD	CP	GOLDEN VALLEY, AZ		101.0 km
	KAZT-TV	D7	DT	LIC	PRESCOTT, AZ	BLCDT20090612AEO	300.0
	KABC-TV	D7	DT	LIC	LOS ANGELES, CA	BLANK0000058534	334.8

	Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New
IX								
	46951.6	2,093,396	35045.5	1,938,943	35038.5	1,938,943	35009.6	1,938,544
	0.02							0.08

Undesired				Total IX	Unique IX, before	Unique IX, after
K08QN-D	D8	LD	CP	28.9	399	28.9
KAZT-TV	D7	DT	LIC	7.0	0	7.0

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Interference to BLANK0000112828 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KLAS-TV	D7	DT	LIC	LAS VEGAS, NV	BLANK0000112828	

Undesireds:	K08QN-D	D8	LD	CP	GOLDEN VALLEY, AZ		101.0 km
	KAZT-TV	D7	DT	LIC	PRESCOTT, AZ	BLCDT20090612AEO	300.0
	KABC-TV	D7	DT	CP	LOS ANGELES, CA	BLANK0000187418	334.8

	Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New
IX								
	46951.6	2,093,396	35045.5	1,938,943	35037.5	1,938,943	35008.7	1,938,544
	0.02							0.08

Undesired		Total IX	Unique IX, before	Unique IX, after
K08QN-D D8 LD CP	28.9	399		28.9 399
KAZT-TV D7 DT LIC	7.0	0	7.0 0	7.0 0
KABC-TV D7 DT CP	1.0	0	1.0 0	1.0 0

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 Interference to BLANK0000158749 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KEGS-LD	D8	LD	CP	LAS VEGAS, NV	BLANK0000158749	
Undesireds:	K08QN-D	D8	LD	CP	GOLDEN VALLEY, AZ		101.0 km
	KLAS-TV	D7	DT	LIC	LAS VEGAS, NV	BLANK0000112828	0.0
	KILA-LD	D8	LD	LIC	CHERRY VALLEY, CA	BLANK0000010869	300.5
	K08PE-D	D8	LD	LIC	ALAMO, ETC., NV	BLDTV20101228ABR	156.6
	K08PG-D	D8	LD	LIC	INDIAN SPRINGS, NV	BLDTV20130214ADF	89.5
	KVVU-TV	D9	DT	LIC	HENDERSON, NV	BLANK0000142740	7.5

	Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New
IX								
	11366.9	1,916,171	8342.5	1,896,017	7785.3	1,883,063	7785.3	1,883,063
	0.00							0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
K08QN-D D8 LD CP	1.0	0		0.0 0
KLAS-TV D7 DT LIC	271.4	352	227.9 352	227.9 352
K08PE-D D8 LD LIC	4.0	0	3.0 0	3.0 0
K08PG-D D8 LD LIC	12.1	0	11.1 0	11.1 0
KVVU-TV D9 DT LIC	314.1	12,602	270.7 12,602	269.7 12,602

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Interference to BLANK0000142740 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KVVU-TV	D9	DT	LIC	HENDERSON, NV	BLANK0000142740	
Undesireds:	K08QN-D	D8	LD	CP	GOLDEN VALLEY, AZ		103.4 km
	KECY-TV	D9	DT	LIC	EL CENTRO, CA	BLCDT20090723AAO	328.5
IX	Service area			Terrain-limited	IX-free, before	IX-free, after	Percent New
46161.5	2,051,869	33618.8	1,939,973	33574.9	1,939,756	33571.9	1,939,754
0.00							0.01
Undesired				Total IX	Unique IX, before	Unique IX, after	
K08QN-D D8 LD CP		4.0		2		3.0	2
KECY-TV D9 DT LIC		43.9		217	43.9	42.9	217

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Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K08QN-D	D8	LD	CP	GOLDEN VALLEY, AZ		
Undesireds:	KILA-LD	D8	LD	LIC	CHERRY VALLEY, CA	BLANK0000010869	319.6 km
	Service area			Terrain-limited	IX-free	Percent IX	
1258.2	12,180	1131.4	12,171	1131.4	12,171	0.00	0.00