

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: Golden8d3kwSAM340T, Model: Longley-Rice

Start: 2021.07.20 10:26:32

Study created: 2021.07.20 10:26:32

Study build station data: LMS TV 2021-07-20

Proposal: K45MP-D D8 LD APP GOLDEN VALLEY, AZ

Facility ID: 186641

Station data: User record

Record ID: 673

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	42.2 km
No	KAZT-TV	D7	DT	LIC	PRESCOTT, AZ	BLCDT20090612AEO	187.6
Yes	KLAS-TV	D7	DT	LIC	LAS VEGAS, NV	BLANK0000112828	123.1
No	K08PK-D	D8	LD	LIC	BULLHEAD CITY, AZ	BLDTV20130308AAP	42.2
No	KAET	D8	DT	LIC	PHOENIX, AZ	BLANK0000143455	275.1
No	K08QK-D	D8	LD	CP	Calexico, CA	BMJADVL20100520ADH	301.5
No	KILA-LD	D8	LD	LIC	CHERRY VALLEY, CA	BLANK0000010869	320.4
No	KILA-LD	D8	LD	CP	CHERRY VALLEY, CA	BLANK0000120350	356.2
No	KVPS-LD	D8+	LD	LIC	INDIO, CA	BLANK0000124912	257.2
No	KFLA-LD	D8	LD	LIC	LOS ANGELES, CA	BLANK0000010497	377.0
No	K08IA	D8	LD	CP	NEWBERRY SPRINGS, CA	BLANK0000139134	237.9
No	K08IA	N8	TX	LIC	NEWBERRY SPRINGS, CA	BLTTV5051	237.8
No	KFMB-TV	D8	DT	CP	SAN DIEGO, CA	BLANK0000035772	387.8
No	KFMB-TV	D8	DT	LIC	SAN DIEGO, CA	BLCDT20100520ACV	387.8
No	K08PE-D	D8	LD	LIC	ALAMO, ETC., NV	BLDTV20101228ABR	265.1
No	K08PG-D	D8	LD	LIC	INDIAN SPRINGS, NV	BLDTV20130214ADF	212.4
No	K08PJ-D	D8	LD	LIC	CEDAR CITY, UT	BLANK0000105380	292.6
No	K08PC-D	D8	LD	LIC	HILDALE, ETC. (AZ), UT	BLDTV20110209ADC	216.2

No	K32HR-D	D8	LD	LIC	LONG VALLEY JUNCTION, UT	BLANK0000059933	298.0
No	K08EN-D	D8	LD	LIC	PINE VALLEY, ETC., UT	BLDTV20090406AEZ	283.6
No	K08BO-D	D8	LD	LIC	VIRGIN, UT	BLDTV20090406AFJ	244.7
No	KECY-TV	D9	DT	LIC	EL CENTRO, CA	BLCDT20090723AAO	242.4
Yes	KVVU-TV	D9	DT	LIC	HENDERSON, NV	BLANK0000142740	125.8
No	KMYU	D9	DT	CP	ST. GEORGE, UT	BLANK0000035745	217.8
No	KMYU	D9	DT	LIC	ST. GEORGE, UT	BLCDT20021031ABG	217.8

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: Stringent  
Latitude: 35 9 0.00 N (NAD83)  
Longitude: 114 5 51.30 W  
Height AMSL: 910.0 m  
HAAT: 0.0 m  
Peak ERP: 3.00 kW  
Antenna: SAM-SAM-160 (ID 1005900) 340.0 deg  
Elev Pattn: Generic

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	2.38 kW	-364.0 m	27.7 km
45.0	0.063	-134.9	12.0
90.0	0.008	-354.6	7.0
135.0	0.047	-256.3	11.2
180.0	0.051	72.6	17.1
225.0	0.009	156.8	16.9
270.0	0.024	123.9	19.1
315.0	1.87	19.9	26.5

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: -92 m

Distance to Canadian border: 1539.3 km

Distance to Mexican border: 276.3 km

Conditions at FCC monitoring station: Douglas AZ

Bearing: 133.3 degrees Distance: 578.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 52.0 degrees Distance: 953.6 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 BLANK0000112828 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KLAS-TV	D7	DT	LIC	LAS VEGAS, NV	BLANK0000112828	
Undesireds:	K45MP-D	D8	LD	APP	GOLDEN VALLEY, AZ		123.1 km
	KAZT-TV	D7	DT	LIC	PRESCOTT, AZ	BLCDT20090612AEO	300.0
	KABC-TV	D7	DT	CP	LOS ANGELES, CA	BLANK0000035672	334.8
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
46951.6	2,093,396	34309.4	1,942,130	34216.2	1,942,127	34185.3 1,941,931	0.09 0.01
Undesired		Total IX		Unique IX, before		Unique IX, after	
K45MP-D	D8 LD APP	30.9	196	30.9	196		
KAZT-TV	D7 DT LIC	86.2	3	86.2	3		
KABC-TV	D7 DT CP	7.0	0	7.0	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:	K45MP-D	D8	LD	APP	GOLDEN VALLEY, AZ		123.1 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	34309.4	1,942,130	34218.2	1,942,127	34187.3	1,941,931	0.09	0.01
Undesired		Total IX		Unique IX, before		Unique IX, after			
K45MP-D	D8 LD APP	30.9	196			30.9	196		
KAZT-TV	D7 DT LIC	86.2	3	86.2	3	86.2	3		
KABC-TV	D7 DT LIC	5.0	0	5.0	0	5.0	0		

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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:	K45MP-D	D8	LD	APP	GOLDEN VALLEY, AZ		125.8 km		
	KECY-TV	D9	DT	LIC	EL CENTRO, CA	BLCDT20090723AAO	328.5		
	KCAL-TV	D9	DT	LIC	LOS ANGELES, CA	BLCDT20090612AIY	341.4		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
46161.5	2,051,869	32486.3	1,940,341	32386.6	1,940,188	32385.6	1,940,188	0.00	0.00
Undesired		Total IX		Unique IX, before		Unique IX, after			
K45MP-D	D8 LD APP	2.0	0			1.0	0		
KECY-TV	D9 DT LIC	98.7	153	98.7	153	97.7	153		
KCAL-TV	D9 DT LIC	1.0	0	1.0	0	1.0	0		

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Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K45MP-D	D8	LD	APP	GOLDEN VALLEY, AZ		
Undesireds:	KILA-LD	D8	LD	LIC	CHERRY VALLEY, CA	BLANK00000010869	320.4 km
	K08IA	D8	LD	CP	NEWBERRY SPRINGS, CA	BLANK00000139134	237.9
	Service area			Terrain-limited		IX-free	Percent IX
1182.4	40,652			865.2	21,910	865.2	21,910
						0.00	0.00