

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: 01375_12062021_K26PR_182964, Model: Longley-Rice

Start: 2021.12.06 17:22:47

Study created: 2021.12.06 17:22:46

Study build station data: LMS TV 2021-11-23

Proposal: K26PR-D D26 LD APP NEEDLES, CA

File number: 01375_12062021_K26PR_182964

Facility ID: 182964

Station data: User record

Record ID: 1376

Country: U.S.

Search options:

Non-U.S. records included

Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K22DR	N22	TX	LIC	LAUGHLIN, NV	BLTT19911118JJ	48.3 km
No	K23BJ	N23	TX	LIC	LAKE HAVASU CITY, AZ	BLTTL19891127JR	33.3
Yes	K25HD-D	D25	LD	LIC	BULLHEAD CITY, AZ	BLDTA20111128FZD	48.0
No	K25PJ-D	D25	LD	LIC	CHLORIDE, AZ	BLANK0000071721	74.7
No	K25DH-D	D25	LD	LIC	MEADVIEW, AZ	BLDTT20130308ABY	124.1
No	KJPO-LD	D25	LD	LIC	TONOPAH, AZ	BLANK0000151024	199.6
No	K25QN-D	D25	LD	CP	DESERT CENTER, CA	BNPDTL20100514ACT	140.2
No	DK25GK	N25+	TX	APP	JOSHUA TREE, CA	BLTT20000605AOK	148.8
No	K25QB-D	D25+	LD	LIC	LUCERNE VALLEY, CA	BLANK0000082018	211.4
No	KPVM-LD	D25	LD	LIC	LAS VEGAS, NV	BLANK0000112505	130.2
No	K26NG-D	D26	LD	LIC	EAST FLAGSTAFF, AZ	BLANK0000058629	278.1
Yes	K26OK-D	D26	LD	LIC	LAKE HAVASU CITY, AZ	BLANK0000071722	33.4
No	K26GF-D	D26	LD	LIC	PEACH SPRINGS, AZ	BLDTT20130308ACF	132.9
No	KUTP	D26	DT	LIC	PHOENIX, AZ	BLCDT20130625AAK	287.5
No	KUVI-DT	D26	DT	LIC	BAKERSFIELD, CA	BLANK0000081232	381.4
No	K26KI-D	D26	LD	CP	BANNING, CA	BNPDTL20090825ACQ	230.9
No	K26MW-D	D26	LD	LIC	LUCERNE VALLEY, CA	BLANK0000116236	245.7
No	KMIR-TV	D26	DT	LIC	PALM SPRINGS, CA	BLANK0000075143	198.5
No	KMRZ-LD	D26	LD	LIC	POMONA, CA	BLANK0000168080	291.7
No	KZGN-LD	D26	LD	LIC	RIDGECREST, CA	BLANK0000141532	291.6
No	KSWB-TV	D26	DT	LIC	SAN DIEGO, CA	BLANK0000068712	319.8
No	KSKJ-CD	D26	DC	LIC	VAN NUYS, CA	BLANK0000071612	323.3
No	K26PN-D	D26	LD	CP	WINTERHAVEN, CA	BNPDTL20100510AAW	230.5

Yes	KTNV-TV	D26	DT	APP	LAS VEGAS, NV	BLANK0000145120	130.2
Yes	KGNG-LD	D26	LD	LIC	LAS VEGAS, NV	BLANK0000126700	130.2
No	K26NP-D	D26	LD	LIC	OVERTON, NV	BLANK0000137690	206.6
No	K20EC-D	D26	LD	LIC	KANAB, UT	BLANK0000059985	311.3
No	K26NZ-D	D26	LD	LIC	KANARRAVILLE, NEW HA, UT	BLANK0000091051	321.4
No	K26OA-D	D26	LD	LIC	PAROWAN, ENOCH, PARA, UT	BLANK0000091052	365.5
No	KVBT-LP	D26	LD	CP	SANTA CLARA, ETC., UT	BLANK0000157689	266.8
No	KDLU-LP	N26	TX	LIC	ST. GEORGE, UT	BLTTL19961024JB	265.4
No	K27DA-D	D27	LD	LIC	BIG SANDY VALLEY, AZ	BLDTT20130308AAI	73.4
No	K27NT-D	D27	LD	LIC	GOLDEN VALLEY, AZ	BLANK0000071725	57.1
No	K27EC-D	D27	LD	LIC	LAKE HAVASU CITY, AZ	BLDTA20110503ACV	33.5
No	KYPO-LP	N27	TX	LIC	TACNA, AZ	BLTTL20080818AAL	147.3
No	KYPO-LP	D27	LD	CP	TACNA, AZ	BLANK0000151856	147.3
Yes	K27NR-D	D27	LD	LIC	TOPOCK, AZ	BLANK0000071723	31.8
No	KVER-CD	D27	DC	LIC	INDIO, CA	BLANK0000074955	198.5
No	K27ON-D	D27	LD	LIC	LUCERNE VALLEY, CA	BLANK0000082020	211.4
No	KPVT-LD	D27	LD	LIC	LAS VEGAS, NV	BLANK0000010689	136.0
No	XHEXT	D25	DT	LIC	MEXICALI, BN	BLANKBPFS20050721BFG	259.3
No	XHEBC	D26	DT	LIC	ENSENADA, BN	BLANKBPFS20160301ABP	378.3
No	XHSFB	D26	DT	LIC	SAN FELIPE, BN	BLANKBPFS20151106AAJ	423.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D26
 Mask: Full Service
 Latitude: 34 49 43.00 N (NAD83)
 Longitude: 114 36 40.90 W
 Height AMSL: 212.0 m
 HAAT: 0.0 m
 Peak ERP: 15.0 kW
 Antenna: SWR_SWEDL12NC_26_EP_FCC_FILE 0.0 deg
 Elev Pattn: SWR_SWEDL12NC_26_EP_ELEV

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	66.3 m	39.2 km
45.0	5.05	13.8	25.4
90.0	0.542	23.8	15.3
135.0	0.726	69.2	24.7
180.0	1.26	-96.0	19.0
225.0	0.726	-258.7	16.4

270.0	0.542	-307.5	15.3
315.0	5.05	-45.2	25.4

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: -67 m

Distance to Canadian border: 1575.2 km

**Proposal is within coordination distance of Mexican border
Distance to Mexican border: 234.7 km

Conditions at FCC monitoring station: Douglas AZ
Bearing: 127.3 degrees Distance: 591.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 51.8 degrees Distance: 1012.5 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%

Interference to BLDTA20111128FZD LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K25HD-D	D25	LD	LIC	BULLHEAD CITY, AZ	BLDTA20111128FZD	
Undesireds:	K26PR-D	D26	LD	APP	NEEDLES, CA	01375_12062021_K26PR_1	48.0 km
	K24DK-D	D24	LD	LIC	BULLHEAD CITY, AZ	BLDTT20110328ABJ	41.1
	K25MK-D	D25	LD	CP	CAMP VERDE, AZ	BLANK0000152242	275.6
	K25PJ-D	D25	LD	LIC	CHLORIDE, AZ	BLANK0000071721	54.4
	K25AD-D	D25	LD	LIC	VICTORVILLE, ETC., CA	BLANK0000137803	242.4
	KPVM-LD	D25	LD	LIC	LAS VEGAS, NV	BLANK0000112505	82.4
	K25PA-D	D25	LD	LIC	SANTA CLARA, UT	BLANK0000115847	225.7
	KTNV-TV	D26	DT	APP	LAS VEGAS, NV	BLANK0000145120	82.3
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	2497.6	69,805	2164.3	58,428	2104.5	58,426	2102.5 58,041 0.10 0.66

Undesired				Total IX	Unique IX, before	Unique IX, after
K26PR-D D26 LD APP	2.0			385		2.0 385
K24DK-D D24 LD LIC	1.0			0	1.0 0	1.0 0
K25PJ-D D25 LD LIC	9.0			2	6.0 0	6.0 0
KPVM-LD D25 LD LIC	51.8			2	40.9 0	40.9 0
KTNV-TV D26 DT APP	11.0			0	0.0 0	0.0 0

Interference to BLANK0000071722 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K26OK-D	D26	LD	LIC	LAKE HAVASU CITY, AZ	BLANK0000071722	
Undesireds:	K26PR-D	D26	LD	APP	NEEDLES, CA	01375_12062021_K26PR_1	33.4 km
	KTNV-TV	D26	DT	APP	LAS VEGAS, NV	BLANK0000145120	161.3
	K27EC-D	D27	LD	LIC	LAKE HAVASU CITY, AZ	BLDTA20110503ACV	0.2
	KYPO-LP	N27	TX	LIC	TACNA, AZ	BLTTL20080818AAL	114.1
	K27NR-D	D27	LD	LIC	TOPOCK, AZ	BLANK0000071723	48.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
1380.2 55,923	1180.5 55,923	1151.4 55,460	1144.3 55,460	0.61 0.00

Undesired				Total IX	Unique IX, before	Unique IX, after
K26PR-D D26 LD APP	8.0			0		7.0 0
KTNV-TV D26 DT APP	9.1			0	8.1 0	7.0 0
K27EC-D D27 LD LIC	19.1			463	17.1 463	17.1 463
K27NR-D D27 LD LIC	4.0			0	1.0 0	1.0 0

Interference to BLANK0000145120 APP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KTNV-TV	D26	DT	APP	LAS VEGAS, NV	BLANK0000145120	
Undesireds:	K26PR-D	D26	LD	APP	NEEDLES, CA	01375_12062021_K26PR_1	130.2 km
	KUTP	D26	DT	LIC	PHOENIX, AZ	BLCDT20130625AAK	398.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
47356.3 2,097,121	30787.4 1,932,375	30784.4 1,932,372	30200.3 1,928,529	1.90 0.20

Undesired				Total IX	Unique IX, before	Unique IX, after
K26PR-D D26 LD APP	585.1			3,843		584.1 3,843
KUTP D26 DT LIC	3.0			3	3.0 3	2.0 3

Interference to BLANK0000126700 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KGNG-LD	D26	LD	LIC	LAS VEGAS, NV	BLANK0000126700	
Undesireds:	K26PR-D	D26	LD	APP	NEEDLES, CA	01375_12062021_K26PR_1	130.2 km
	KPVM-LD	D25	LD	LIC	LAS VEGAS, NV	BLANK0000112505	0.0
	KTNV-TV	D26	DT	APP	LAS VEGAS, NV	BLANK0000145120	0.0
	K26NP-D	D26	LD	LIC	OVERTON, NV	BLANK0000137690	94.6
	KVBT-LP	D26	LD	CP	SANTA CLARA, ETC., UT	BLANK0000157689	169.7
	KPVT-LD	D27	LD	LIC	LAS VEGAS, NV	BLANK0000010689	7.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
11255.2 1,911,481	7825.4 1,898,108	2675.4 11,659	2675.4 11,659	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
K26PR-D D26 LD APP 2.0	0	0.0	0
KPVM-LD D25 LD LIC 1.0	0	0.0	0
KTNV-TV D26 DT APP 5146.0	1,885,288	4923.9 1,876,060	4922.0 1,876,060
K26NP-D D26 LD LIC 39.3	0	0.0	0
KVBT-LP D26 LD CP 3.0	0	1.0	0
KPVT-LD D27 LD LIC 185.9	10,389	3.0 1,161	3.0 1,161

Interference to BLANK0000071723 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K27NR-D	D27	LD	LIC	TOPOCK, AZ	BLANK0000071723	
Undesireds:	K26PR-D	D26	LD	APP	NEEDLES, CA	01375_12062021_K26PR_1	31.8 km
	K27NT-D	D27	LD	LIC	GOLDEN VALLEY, AZ	BLANK0000071725	25.6
	K27EC-D	D27	LD	LIC	LAKE HAVASU CITY, AZ	BLDTA20110503ACV	48.3
	KASW	D27	DD	CP	PHOENIX, AZ	BLANK0000116045	284.3
	KYPO-LP	N27	TX	LIC	TACNA, AZ	BLTTL20080818AAL	156.3
	KPOM-CD	D27	DC	LIC	ONTARIO, CA	BLANK0000080302	318.8
	K27AE-D	D27	LD	LIC	VICTORVILLE, ETC., CA	BLANK0000143996	270.2
	KPVT-LD	D27	LD	LIC	LAS VEGAS, NV	BLANK0000010689	122.5
	K28EU-D	D28	LD	LIC	LAUGHLIN, ETC., NV	BLDTT20120319ADY	41.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
4306.5 75,273	3335.6 73,387	3216.6 72,273	3214.6 71,238	0.06 1.43

Undesired	Total IX	Unique IX, before	Unique IX, after
K26PR-D D26 LD APP 2.0	1,035	2.0	1,035
K27NT-D D27 LD LIC 75.9	93	72.9 87	72.9 87

K27EC-D D27 LD LIC	4.0	6	2.0	0	2.0	0
KPVT-LD D27 LD LIC	1.0	0	0.0	0	0.0	0
K28EU-D D28 LD LIC	41.0	1,021	41.0	1,021	41.0	1,021

Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K26PR-D	D26	LD	APP	NEEDLES, CA	01375_12062021_K26PR_1	
Undesireds:	K26OK-D	D26	LD	LIC	LAKE HAVASU CITY, AZ	BLANK0000071722	33.4 km
	KTNV-TV	D26	DT	APP	LAS VEGAS, NV	BLANK0000145120	130.2
	K27NR-D	D27	LD	LIC	TOPOCK, AZ	BLANK0000071723	31.8

Service area	Terrain-limited	IX-free	Percent IX
1747.0	71,622	1669.0	70,990
		1659.9	70,990
			0.54
			0.00

Undesired	Total IX	Unique IX	Prcnt Unique IX
K26OK-D D26 LD LIC	3.0	0	3.0
KTNV-TV D26 DT APP	5.0	0	3.0
K27NR-D D27 LD LIC	3.0	0	1.0
			0.06
			0.00