Study created: 2020.07.14 11:46:13 JMc

Study build station data: LMS TV 2020-07-14

Proposal: K36NE-D D36 DC LIC LAS VEGAS, NV
File number: BLANK0000059112
Facility ID: 14302
Station data: User record
Record ID: 1031
Country: U.S.

Build options:
Protect LPTV records from Class A

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K22DR-D	N22	TX	LIC	LAUGHLIN, NV	BLTT19911118JJ	87.8 km
No	K35EI-D	D35	LD	LIC	DOLAN SPRINGS, AZ	BLDTT20130308AAY	82.6
No	K35MX-D	D35	LD	LIC	KINGMAN, AZ	BLANK0000071731	143.5
Yes	KVTE-LD	D35	LD	APP	LAS VEGAS, NV	BLANK0000062902	7.9
Yes	KVTE-LD	D35	LD	LIC	LAS VEGAS, NV	BLDTL20140611ADE	25.3
Yes	KVTE-LD	N35z	TX	LIC	LAS VEGAS, NV	BLTTL20040811AAP	7.9
No	KNTL-LD	D35z	LD	LIC	LAUGHLIN, NV	BLANK0000093205	87.8
No	K35FS-D	D35	LD	LIC	SANTA CLARA, ETC., UT	BLDTT20090406AFG	163.2
No	K36AE-D	D36	LD	CP	CLARKDALE, AZ	BLANK0000114373	300.4
No	K36AE-D	D36	LD	LIC	CLARKDALE, AZ	BLDTT20130718AAQ	300.4
No	KKAX-LP	N36	TX	LIC	HILLTOP, AZ	BLTTL20030722AAR	143.5
No	KKAX-LP	D36	LD	CP	HILLTOP, AZ	BDFCDTL20110907AMG	143.5
No	K36DU	N36	TX	LIC	LAKE HAVASU CITY, ET, AZ	BLTTL19960308IA	166.7
No	K36DU	D36	LD	CP	LAKE HAVASU CITY, ET, AZ	BDFCDTA20110616ABG	166.9
No	K36FZ-D	D36	LD	LIC	MEADVIEW, AZ	BLDTT20130308ABZ	83.5
No	K36PE-D	D36	LD	LIC	PEACH SPRINGS, AZ	BLANK0000071732	151.4
No	KAZT-CD	D36	DC	LIC	PHOENIX, AZ	BLDTA20100120ACL	401.1
No	KBFK-LP	D36	LD	LIC	BAKERSFIELD, CA	BLDTL20140617ABP	343.0
No	K36JH-D	D36	LD	LIC	BARSTOW, CA	BLANK0000022335	259.1
No	KAJB	D36	DT	LIC	CALIPATRIA, CA	BLCDT20090320AAI	329.4
No	KEVC-CD	D36	DC	LIC	INDIO, CA	BLANK0000001550	271.5
No	KNBC	D36	DD	APP	LOS ANGELES, CA	BMPCDT20100811ABJ	341.6
No	KNBC	D36	DT	LIC	LOS ANGELES, CA	BLCDT20070820ACK	341.6
No	K36GO	N36-	TX	LIC	MORONGO VALLEY, CA	BLTT20060331AEU	257.6
No	K36GO	D36	LD	CP	MORONGO VALLEY, CA	BDFCDTT20120110ADH	257.6
No	KVES-LD	D36	LD	LIC	PALM SPRINGS, CA	BLANK0000005156	269.4
No	KSKT-CD	D36	DC	LIC	SAN MARCOS, CA	BLANK0000068950	379.0
No	KFRE-TV	D36	DT	LIC	SANGER, CA	BLCDT20060421AAI	412.8
No	K36PX-D	D36	LD	LIC	CALIENTE, NV	BLANK0000082286	184.5
No	KXTY-LP	N36-	TX	LIC	ELY, NV	BLTTL20100315ABF	361.9
No	K36LU-D	D36	LD	LIC	ELY, NV	BLDTT20120119AEG	351.9
No	K36BQ-D	D36	LD	LIC	PAHRUMP, NV	BLDTT20110825ABT	89.9
No	K36PU-D	D36	LD	LIC	PIOCHE, NV	BLANK0000082287	218.2
No	K36OF-D	D36	LD	LIC	URSINE, NV	BLANK0000082290	230.0
No	K36NO-D	D36	LD	LIC	ALTON, ETC., UT	BLANK0000059968	267.3
No	K36IG-D	D36	LD	LIC	ANTIMONY, UT	BLDTT20090519ADD	356.9
No	K36FM-D	D36	LD	LIC	BEAVER ETC., UT	BLDTT20100604AFT	342.2
No	K36JA-D	D36	LD	LIC	ENTERPRISE, UT	BLDTT20100119ACM	209.9
No	K36ON-D	D36	LD	LIC	ESCALANTE, UT	BLANK0000080359	361.8
No	K36IR-D	D36	LD	LIC	GARRISON, ETC., UT	BLANK0000040153	356.2
No	K36PA-D	D36	LD	LIC	KANARRAVILLE, ETC., UT	BLANK0000091244	229.6
No	K36AI-D	D36	LD	LIC	PAROWAN, ENOCH, ETC., UT	BLDTT20090612ADC	272.1

No	K36FT-D	D36	LD	LIC	SANTA CLARA, ETC., UT	BLDTT20100720ACA	162.0
No	K36OM-D	D36	LD	LIC	TROPIC, UT	BLANK0000080463	321.8
No	K20MC-D	N44	TX	LIC	PAHRUMP, NV	BLTT20030512ADH	44.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

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    Channel: D36
       Mask: Full Service
   Latitude:  36  0 36.40 N (NAD83)
  Longitude: 115  0 22.70 W
Height AMSL: 1043.3 m
       HAAT: 0.0 m
   Peak ERP: 15.0 kW
    Antenna: ERI-ETU-2UO-ESP2C-36 (ID 1004044) 340.0 deg
Elev Pattrn: Generic
  Elec Tilt: 0.25
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50.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	8.66 kW	511.5 m	61.5 km
45.0	1.01	488.2	47.9
90.0	0.074	272.8	25.9
135.0	0.037	346.7	24.7
180.0	0.150	265.3	29.3
225.0	0.600	136.1	29.5
270.0	6.73	357.3	54.3
315.0	15.0	456.7	63.2

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 354 m

Distance to Canadian border: 1443.8 km

Distance to Mexican border: 366.8 km

Conditions at FCC monitoring station: Livermore CA
Bearing: 289.6 degrees Distance: 629.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 58.9 degrees Distance: 967.1 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%

No IX check failures found.