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Study build station data: LMS TV 2020-07-24

Proposal: KHDF-CD D19 DC LIC LAS VEGAS, NV
File number: BLANK00000106423
Facility ID: 66807
Station data: User record
Record ID: 1068
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	K18CB-D	D18	LD	LIC	BULLHEAD CITY, AZ	BLDTT20140604ABM	88.1 km
No	K18LZ-D	D18	LD	LIC	KINGMAN, AZ	BLANK00000071715	143.5
No	KSCI	D18	DD	APP	LONG BEACH, CA	BLANK00000036118	342.1
Yes	KHMP-LD	D18	LD	LIC	LAS VEGAS, NV	BLANK00000010687	0.2
No	K18IP-D	D18	LD	LIC	OVERTON, NV	BLDTT20100324ABL	86.9
No	K18NA-D	D18	LD	LIC	PAHRUMP, NV	BLANK00000082242	44.3
No	KUEW	D18	DT	LIC	ST. GEORGE, UT	BLEDT20020826ABB	173.6
No	K19FD	D19	LD	CP	CAMP VERDE, AZ	BDFCDTL20120604AAB	332.5
No	K19FD	N19+	TX	LIC	CAMP VERDE, AZ	BLTTL20050506ACT	332.5
No	K19IP-D	D19	LD	LIC	FLAGSTAFF, AZ	BLDTL20140528AHZ	318.6
No	K19JT-D	D19	LD	CP	GILA RIVER INDIAN CO, AZ	BLANK00000071769	401.0
No	KGRF-LD	D19	LD	LIC	GILA RIVER INDIAN CO, AZ	BLANK00000001685	387.6
Yes	KMOH-TV	D19	DT	LIC	KINGMAN, AZ	BLCDDT20060707ABK	123.2
No	K19KV-D	D19	LD	LIC	PRESCOTT, AZ	BLANK00000063234	281.0
No	K19CX	D19	LD	CP	YUMA, AZ	BLANK00000112410	376.3
No	K19CX	N19	TX	LIC	YUMA, AZ	BLTT19941212JC	376.4
No	KBBV-CD	D19	DC	LIC	BAKERSFIELD, CA	BLDTA20110930BHC	329.2
No	KBBV-CD	D19	DC	CP	BAKERSFIELD, CA	BLANK00000035842	342.8
No	NEW	D19	LD	APP	DESERT CENTER, CA	BNPDTL20100514ADD	255.1
No	NEW	D19	LD	APP	HOLTVILLE, CA	BNPDTL20100510AAD	361.0
No	K19IS-D	D19	LD	LIC	INYOKERN, CA	BLDTT20140804ADU	248.4
No	K19BT	N19-	TX	LIC	LUCERNE VALLEY, CA	BLTT19880307ID	241.8
No	KPBS	D19	DT	LIC	SAN DIEGO, CA	BLANK00000069249	408.4
No	K19KK-D	D19	LD	CP	WHITE WATER, CA	BNPDTL20100514ACF	278.4
No	KTTB-LD	D19	LD	CP	MESQUITE, NV	BNPDTL20090825ADH	124.7
Yes	K38PC-D	D19	LD	CP	OVERTON, NV	BLANK00000051733	86.9
No	K19BU-D	D19	LD	LIC	PAHRUMP, NV	BLDTT20120502ABR	89.8
No	K19MM-D	D19	LD	LIC	RUTH, NV	BLANK00000087549	362.8
No	K19LU-D	D19	LD	LIC	CEDAR CITY, UT	BLANK00000091064	252.3
No	K19GM-D	D19	LD	LIC	CIRCLEVILLE, UT	BLDTT20110823ACM	346.8
No	K19GJ-D	D19	LD	LIC	HATCH, UT	BLDTT20081223AAC	298.7
No	K19LL-D	D19	LD	LIC	HENRIEVILLE, UT	BLANK00000074906	318.5
No	K19KQ-D	D19	LD	LIC	ORDERVILLE, UT	BLANK00000059969	254.6
No	K19LK-D	D19	LD	LIC	PANGUITCH, UT	BLANK00000080802	303.0
No	K19GS-D	D19	LD	LIC	RURAL BEAVER, ETC., UT	BLDTT20070319ABA	317.8
No	K19LG-D	D19	LD	LIC	RURAL GARFIELD COUNT, UT	BLANK00000080332	339.4
No	K19LV-D	D19	LD	LIC	ST. GEORGE, UT	BLANK00000091270	173.6
No	K19HQ-D	D19	LD	LIC	VIRGIN, UT	BLDTT20100730AAU	209.0
No	K20ID-D	D20	LD	LIC	KINGMAN, AZ	BLDTT20110328ABI	143.6
No	K20NW-D	D20	LD	LIC	LAUGHLIN, NV	BLANK00000067693	87.9
No	K20JV-D	D20	LD	LIC	OVERTON, NV	BLDTT20100324ABO	86.9
Yes	K20MC-D	D20	LD	CP	PAHRUMP, NV	BLANK00000001309	44.3

No	KBLR	D20	DT	LIC	PARADISE, NV	BLANK00000058879	0.1
No	K20GJ-D	D20	LD	LIC	BLOOMINGTON, UT	BLANK00000063326	173.6
No	K22DR-D	N22	TX	LIC	LAUGHLIN, NV	BLTT19911118JJ	87.9
No	KDLU-LP	N26	TX	LIC	ST. GEORGE, UT	BLTT19961024JB	173.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D19
 Mask: Full Service
 Latitude: 36 0 36.40 N (NAD83)
 Longitude: 115 0 27.70 W
 Height AMSL: 1043.3 m
 HAAT: 0.0 m
 Peak ERP: 15.0 kW
 Antenna: ERI-ETU-2U0-ESP2C-36 (ID 1002118) 340.0 deg
 Elev Pattnr: Generic
 Elec Tilt: 0.25

49.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	8.66 kW	512.3 m	63.8 km
45.0	1.01	490.5	50.2
90.0	0.074	273.1	27.8
135.0	0.037	342.6	26.4
180.0	0.150	257.3	30.9
225.0	0.600	140.7	31.7
270.0	6.73	357.2	56.2
315.0	15.0	455.2	65.5

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: 629.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 58.9 degrees Distance: 967.2 km

No land mobile station failures found

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%

---- Below is IX received by proposal BLANK0000106423 ----

Proposal receives 1.28% interference from scenario 1
No IX check failures found.