

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/space/software/cdbbs/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 11-05-2015 Time: 18:19:04

Record Selected for Analysis

KLNV_3.0 USERRECORD-01 LAS VEGAS NV US
Channel 39 ERP 185. kW HAAT 388. m RCAMSL 01079 m
Latitude 036-00-28 Longitude 0115-00-24
Status APP Zone 2 Border Site number: 01
Dir Antenna Make usr Model TUA-C4-623 Beam tilt N Ref Azimuth 0.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) meets maximum height/power limits

Site number	1			
Azimuth	ERP	HAAT	41.0	dBu F(50,90)
(Deg)	(kW)	(m)		(km)
0.0	158.711	547.2		100.962
45.0	103.736	520.7		95.315
90.0	124.789	306.4		80.423
135.0	43.116	395.4		81.378
180.0	33.047	285.9		71.031
225.0	73.937	174.8		67.301
270.0	130.948	387.6		88.499
315.0	104.954	489.8		93.018

Evaluation toward Class A Stations from site # 01

No Spacing violations or contour overlap
to Class A stations from site # 01

Class A Evaluation Complete

No spacing violations found to other full service stations from site # 01

LANDMOBILE SPACING VIOLATIONS FOUND

NONE from Site # 01

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
39	KLVN_3.0	LAS VEGAS NV	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	KTAZ	PHOENIX AZ	401.0	LIC	BLCDT	20090709ADG
39	KABE-CD	BAKERSFIELD CA	329.4	LIC	BLDTL	20100922ABW
39	KVEA	CORONA CA	375.3	APP	BPCDT	20101203AAU +
39	KVEA	CORONA CA	341.9	LIC	BLCDT	20100629AZI
39	KDFX-CD	INDIO/PALM SPRINGS CA	271.2	LIC	BLDTA	20141219ACH
40	KBLR	PARADISE NV	0.3	LIC	BLCDT	20111014ABM

+ Indicates station is part of a DTS

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	KTAZ	PHOENIX AZ	BLCDT	-20090709ADG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	KHRR	TUCSON AZ	149.5	LIC	BLCDT	-20090629AAW

39 KLVN_3.0 LAS VEGAS NV 401.0 APP USERRECORD-01
Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	KABE-CD	BAKERSFIELD CA	BLDTL	-20100922ABW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	KNXT-LP	BAKERSFIELD CA	13.4	LIC	BLTTL	-20070524ADC
39	KVEA	CORONA CA	125.2	APP	BPCDT	-20101203AAU
39	KVEA	CORONA CA	146.2	LIC	BLCDT	-20100629AZI
39	KVEA	CORONA CA	146.2	APP	BPCDT	-20101203AAU
39	KVEA	CORONA CA	146.1	APP	BPCDT	-20101203AAU
39	KVEA	CORONA CA	125.2	APP	BPCDT	-20101203AAU
39	KMSG-LD	FRESNO CA	156.4	LIC	BLDTL	-20120809ABN
39	KDFX-CD	INDIO/PALM SPRINGS CA	264.8	LIC	BLDTA	-20141219ACH
39	K39HT-D	RIDGECREST CA	82.6	LIC	BLDTT	-20080401AVF
39	KMMD-CD	SALINAS CA	297.4	LIC	BLDTL	-20100108ACI
39	K39LG-D	SAN LUIS OBISPO CA	178.6	CP	BNPDTL	-20100423AAI
39	K39LY-D	SANTA MARIA CA	179.4	CP	BNPDTL	-20100420AHU
40	K40MY-D	BAKERSFIELD CA	41.4	CP	BNPDTL	-20090825APL
40	KVHD-LD	GLENDALE CA	144.7	LIC	BLDTL	-20110207AEJ
39	KLVN_3.0	LAS VEGAS NV	329.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

DTS STATION

Channel	Call	City/State	Application	Ref. No.
39	KVEA	CORONA CA	BPCDT	-20101203AAU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	KPXN-TV	SAN BERNARDINO CA	50.2	LIC	BLCDT	-20050623AAG
40	KNSD	SAN DIEGO CA	237.4	LIC	BLCDT	-20040805AAL
39	KLVN_3.0	LAS VEGAS NV	375.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
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Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	KPXN-TV	SAN BERNARDINO CA	0.1	LIC	BLCDT	-20050623AAG
40	KNSD	SAN DIEGO CA	198.3	LIC	BLCDT	-20040805AAL
39	KLVN_3.0	LAS VEGAS NV	341.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	KDFX-CD	INDIO/PALM SPRINGS CA	BLDTA	-20141219ACH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	KPSP-CD	CATHEDRAL CITY CA	0.1	LIC	BLDTA	-20100930AVC
39	KABE-CD	BAKERSFIELD CA	264.8	LIC	BLDTL	-20100922ABW
39	KVEA	CORONA CA	204.9	APP	BPCDT	-20101203AAU
39	KVEA	CORONA CA	154.8	LIC	BLCDT	-20100629AZI
39	KVEA	CORONA CA	154.8	APP	BPCDT	-20101203AAU
39	KVEA	CORONA CA	126.9	APP	BPCDT	-20101203AAU
39	KVEA	CORONA CA	204.9	APP	BPCDT	-20101203AAU
39	NEW	DESERT CENTER CA	70.1	APP	BNPDTL	-20100514ACP
39	NEW	HOLTVILLE CA	162.3	APP	BNPDTL	-20100510AAE
39	NEW	PALM SPRINGS CA	0.1	APP	BNPDTL	-20100614AGS
39	KZSD-LP	SAN DIEGO CA	138.1	CP	BDISDTL	-20080801BAR
40	KPCD-LP	BIG BEAR LAKE CA	47.6	LIC	BLTTL	-20070525AIV
40	KVER-CA	INDIO CA	0.1	APP	BDISDTA	-20100922ABX
40	KRMV-LP	MORENO VALLEY CA	78.7	CP MOD	BMPDTL	-20131212BFT
40	NEW	PALM SPRINGS CA	0.1	APP	BNPDTL	-20100519AEB
40	KPCD-LP	WRIGHTWOOD CA	91.3	CP	BDFCDTL	-20101130AOF
39	KLVN_3.0	LAS VEGAS NV	271.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	KBLR	PARADISE NV	BLCDT	-20111014ABM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	KVPT	FRESNO CA	391.2	LIC	BLEDT	-20040716ACA
40	KNSD	SAN DIEGO CA	408.6	LIC	BLCDT	-20040805AAL
39	KLVN_3.0	LAS VEGAS NV	0.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	KLVN_3.0	LAS VEGAS NV	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	KTAZ	PHOENIX AZ	401.0	LIC	BLCDT -20090709ADG
39	KVEA	CORONA CA	375.3	APP	BPCDT -20101203AAU
39	KVEA	CORONA CA	341.9	LIC	BLCDT -20100629AZI
39	KVEA	CORONA CA	341.9	APP	BPCDT -20101203AAU
39	KVEA	CORONA CA	301.4	APP	BPCDT -20101203AAU
39	KVEA	CORONA CA	375.3	APP	BPCDT -20101203AAU
40	KBLR	PARADISE NV	0.3	LIC	BLCDT -20111014ABM

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 7
Before Analysis

Results for: 39A NV LAS VEGAS USERRECORD01 APP

HAAT 388.0 m, ATV ERP 185.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1363703	22627.6
not affected by terrain losses	1345695	13127.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

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