

While the attached exhibit refers to KSGA-LD it is equally applicable to KVHD since the application is submitted to conform the CP to the KSGA-LD shared facility.

**Filing for Minor Modification of CP
KSGA-LD, FI 5342, Los Angeles, CA
FCC File 0000052735**

The within application moves the above entitled facility from a site on Mt. Wilson to tower ASR 1015693 at Sunset Ridge, CA. The move is complicated by two filings that have occurred since grant of FCC File number 0000052735, which filings were sent by their proponents either inadvertently or willingly into the face of some incoming interference from the already granted and above entitled FCC File number 0000052735.

The within filing is made in such a way as to not increase the above described interference to the two newer filings. Reports of TV Study runs, attached following, confirm the correctness of that assertion. One report describes the interference provided by previously granted FCC File number 0000052735 to the named applicants; the other describe the interference provided by the within Minor Modification filing of that FCC file number to the same named applicants. Comparison of the two will reveal that the instant application does not increase interference caused to the named applicants.

Additionally, FCC OET65 standards are considered by the within application. It is noted that the ERP and HAGL show no public or employee hazard caused by the within filing is above 5% of the limit specified by the Commission. Even so, the Users of the tower agree to turn off or turn down RF power used at the site to a level below that which could be harmful to to any worker at the site. Finally, no tower modification or construction will be done at the site with the single exception of addition of a single Scala CL-24 antenna to the tower.

J. R. McDonald
May 26, 2021

Study created: 2021.05.13 18:10:02

Study build station data: LMS TV 2021-05-12

Proposal: KSGA-LD D3 LD CP Los Angeles, CA
 File number: BLANK0000052735
 Facility ID: 5342
 Station data: User record
 Record ID: 1596
 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
Yes	KHIZ-LD	D2	LD	LIC	LOS ANGELES, CA	BLDTV20140508AAA	0.8 km
No	K02HY	N2	TX	LIC	RIDGECREST, ETC., CA	BLTTV4566	165.0
No	K03IL-D	D3	LD	LIC	BULLHEAD CITY, AZ	BLDTV20130308AAK	338.9
No	K03IR-D	D3	LD	CP	BAKERSFIELD, CA	BLANK0000059646	129.7
No	K03HK	N3+	TX	LIC	FRESNO, CA	BLTVL20060327AIS	332.6
Yes	KSCD-LP	D3-	LD	APP	HEMET, CA	BLANK0000144431	52.0
Yes	KVHD-LD	D3	LD	CP	LOS ANGELES, CA	BLANK0000073717	0.0
Yes	NEW	D3	LD	CP	PALM SPRINGS, CA	BNPDVL20100202AAX	155.6
No	K42JZ-D	D3	LD	CP	SALINAS, CA	BLANK0000071820	412.4
Yes	K03IU-D	D3	LD	CP	SAN BERNARDINO, CA	BMJADVL20100520ADI	131.6
Yes	K12PO	D3-	LD	CP	TEMECULA, CA	BLANK0000106809	110.2
No	K46II-D	D4	LD	LIC	BAKERSFIELD, CA	BLANK0000106976	148.1
No	KAKZ-LD	D4	LD	LIC	CATHEDRAL CITY, CA	BLANK0000010641	155.5
No	KWHY-TV	D4	DT	LIC	LOS ANGELES, CA	BLANK0000072085	1.5
No	K04HX	N4	TX	LIC	RIDGECREST, ETC., CA	BLTTV4567	165.0

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D3
 Mask: Full Service
 Latitude: 34 13 35.10 N (NAD83)
 Longitude: 118 3 59.70 W
 Height AMSL: 1757.0 m
 HAAT: 0.0 m
 Peak ERP: 0.700 kW
 Antenna: SCA-CL-26 HV ARRAY 202105131800 115.0 deg
 Elev Pattn: Generic
 Tilts: elec 1.00, mech 2.00 @ 140.0 deg

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	314.6 m	12.8 km
45.0	0.020	322.4	30.6
90.0	0.523	600.5	68.0
135.0	0.590	1335.7	83.3
180.0	0.055	1454.2	64.3
225.0	0.000	1413.6	21.7
270.0	0.001	938.7	26.8

315.0 0.001 555.5 21.6

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 867 m

Distance to Canadian border: 1620.4 km

**Proposal is within coordination distance of Mexican border
Distance to Mexican border: 190.3 km

Conditions at FCC monitoring station: Livermore CA
Bearing: 320.6 degrees Distance: 511.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 56.2 degrees Distance: 1308.3 km

Study cell size: 0.50 km
Profile point spacing: 0.50 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

**MX with BLANK0000144431 APP scenario 1, 18.09% interference caused
**IX check failure to BLANK0000073717 CP scenario 1, 65.65% interference caused
**IX check failure to BLANK0000106809 CP scenario 1, 2.21% interference caused

---- Below is IX received by proposal BLANK0000052735 ----

**MX with BLANK0000144431 APP scenario 1, 87.80% interference received

Study created: 2021.05.19 12:41:32

Study build station data: LMS TV 2021-05-12

Proposal: KSGA-LD D3 LD CP Los Angeles, CA
 File number: BLANK0000052735
 Facility ID: 5342
 Station data: User record
 Record ID: 1601
 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	KHIZ-LD	D2	LD	LIC	LOS ANGELES, CA	BLDTV20140508AAA	34.5 km
No	K02HY	N2	TX	LIC	RIDGECREST, ETC., CA	BLTTV4566	164.2
No	K03IL-D	D3	LD	LIC	BULLHEAD CITY, AZ	BLDTV20130308AAK	309.2
No	K03IR-D	D3	LD	CP	BAKERSFIELD, CA	BLANK0000059646	153.5
No	K03HK	N3+	TX	LIC	FRESNO, CA	BLTVL20060327AIS	351.8
Yes	KSCD-LP	D3-	LD	APP	HEMET, CA	BLANK0000144431	18.6
Yes	KVHD-LD	D3	LD	CP	LOS ANGELES, CA	BLANK0000073717	33.9
Yes	NEW	D3	LD	CP	PALM SPRINGS, CA	BNPDVL20100202AAX	122.0
No	K03IU-D	D3	LD	CP	SAN BERNARDINO, CA	BMJADVL20100520ADI	100.7
Yes	K12PO	D3-	LD	CP	TEMECULA, CA	BLANK0000106809	83.5
No	K46II-D	D4	LD	LIC	BAKERSFIELD, CA	BLANK0000106976	168.3
No	KAKZ-LD	D4	LD	LIC	CATHEDRAL CITY, CA	BLANK0000010641	122.0
Yes	KWHY-TV	D4	DT	LIC	LOS ANGELES, CA	BLANK0000072085	33.3
No	K04HX	N4	TX	LIC	RIDGECREST, ETC., CA	BLTTV4567	164.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D3
 Mask: Full Service
 Latitude: 34 11 14.30 N (NAD83)
 Longitude: 117 42 4.00 W
 Height AMSL: 1757.0 m
 HAAT: 0.0 m
 Peak ERP: 0.700 kW
 Antenna: SCA-CL-26 (ID 20783) 100.0 deg
 Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	197.6 m	6.2 km
45.0	0.028	-22.2	11.1
90.0	0.619	582.5	68.8
135.0	0.218	1275.0	74.1
180.0	0.000	1356.2	23.8
225.0	0.000	1332.9	11.7
270.0	0.001	1050.8	29.3
315.0	0.000	694.2	18.1

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 808 m

Distance to Canadian border: 1632.9 km

**Proposal is within coordination distance of Mexican border
Distance to Mexican border: 178.9 km

Conditions at FCC monitoring station: Livermore CA
Bearing: 318.3 degrees Distance: 536.2 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 55.5 degrees Distance: 1282.9 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%

**MX with BLANK0000144431 APP scenario 1, 10.75% interference caused
**IX check failure to BLANK0000073717 CP scenario 1, 33.64% interference caused
**IX check failure to BLANK0000106809 CP scenario 1, 2.05% interference caused

---- Below is IX received by proposal BLANK0000052735 ----

**MX with BLANK0000144431 APP scenario 1, 86.87% interference received