

Frequency Coordination and Interference Analysis

With regard to the proposed operation at 2025–2110 MHz, prior coordination will be made with the SBE local and national frequency coordinators. The applicant is aware that other stations may be licensed on these frequencies and if any interference occurs, the applicant will immediately shut down.

With regard to the proposed operation on TV Channel 31, interference analysis using TV Study shows zero unique population interference. See results below. Additionally, because the operation will be indoors, the potential for interference is further reduced due to building wall loss. The applicant is aware that other stations are licensed on this channel and if any interference occurs, the applicant will immediately shut down.

```
tvstudy v2.2.5 (4uoc83)
Database      localhost
StationData  LMS TV 2024-02-13
Study        LVCC 2024
Model        Longley-Rice
Scenario     LVCC Ch 31
Start        2024.02.13 11:11:13
```

Proposed Station Parameters

```
Call: LVCC
Channel: 31
Lat/Long: 36.131111N/115.157778W
RCAMSL: 635.7 m
ERP: 0.002 kW (ND)
```

<u>Desired Station</u>				<u>Undesired Station</u>				<u>Unique IX (pop)</u>
Fac ID	Ch	Call	City	Fac ID	Ch	Call	City	
67876	30	KDNU-LD	Las Vegas	187422	30	K30MH-D	Overton	0
				43320	31	K32NR-D	Overton	0
				48806	30	K30PR-D	Pahrump	6761
				48802	31	K31OY-D	Pahrump	0
0	31	LVCC	Las Vegas	41237	32	KMCC	Laughlin	105857
				48802	31	K31OY-D	Pahrump	0
41237	32	KMCC	Laughlin	43320	31	K31NR-D	Overton	4406
				38802	31	K31OY-D	Pahrump	0
187422	30	K30MH-D	Overton	67876	30	KDNU-LD	Las Vegas	0
				48806	30	K30PR-D	Pahrump	0
43320	31	K31NR-D	Overton	41237	32	KMCC	Laughlin	0
				48802	31	K31OY-D	Pahrump	0
48806	30	K30PR-D	Pahrump	67876	30	KDNU-D	Las Vegas	255398
				48802	31	K31OY-D	Pahrump	0
48802	31	K31OY-D	Pahrump	67876	30	KDNU-LD	Las Vegas	0
				0	31	LVCC	Las Vegas	0
				41237	32	KMCC	Laughlin	49718
				43320	31	K31NR-D	Overton	0