

# LPFM Preclusion Study

Las Vegas 291

April 11, 2013

## Grid Preclusion Showing for Las Vegas 291:

Since the applicant is within the grid of the Spectrum Limited Las Vegas Market, a preclusion study is required. According to the grid tool, there are not any available LPFM grid points on channel 291 or adjacent channels 290 or 292.

Las Vegas, NV

Latitude 36-11-39

Longitude 115-13-19

Grid Size 31 x 31

Micro FM 100 Watts at 30m HAAT

Co-Channel and 1st Adjacent Protected

2nd Adjacent Channel Not Protected

3rd Adjacent Channel Not Protected

I.F. Not Protected

TV Channel 6 Protected

CP Records Protected

APP Records Protected

FM Translators Protected

TV Channel 6 Translators/LP Protected

Auc83 FX App Records Not Protected

Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail
200	0	220	0	240	596	260	200	280	961
201	0	221	0	241	0	261	391	281	0
202	0	222	0	242	0	262	0	282	0
203	0	223	0	243	0	263	0	283	0
204	0	224	0	244	92	264	0	284	3
205	0	225	0	245	0	265	0	285	0
206	0	226	0	246	0	266	0	286	0
207	0	227	0	247	0	267	0	287	0
208	0	228	92	248	0	268	366	288	9
209	0	229	286	249	0	269	0	289	0
210	0	230	0	250	465	270	0	290	0
211	0	231	0	251	393	271	0	291	0
212	0	232	0	252	0	272	12	292	0
213	0	233	78	253	0	273	0	293	0
214	0	234	22	254	0	274	0	294	0
215	0	235	335	255	359	275	0	295	370
216	0	236	653	256	0	276	508	296	602
217	0	237	0	257	0	277	0	297	0
218	0	238	0	258	0	278	0	298	0

219	0	239	0	259	24	279	0	299	0
								300	0
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Total	6817								

**Transmitter site showing for Las Vegas:**

When running the grid tool centered at the proposed transmitter site, there is not any availability for LPFM stations at the transmitter site on co-channel 291 or adjacent channels 290 or 292.

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