

Preclusion to LPFM Points

This application has been studied to determine preclusion to LPFM points. Due to the location of the proposed amended transmitter site being within 39km of a Spectrum Limited Market Grid, a Grid Test is required. The proposed facility meets all minimum distance separation requirements with regard to co-channel or first adjacent channel stations, as can be seen in the following Grid Test summary page showing that no LPFM points exist in the relevant channel grids:

GRID TEST - Indianapolis, CA

Yellow Highlighting shows Co and 1st adj channels to the proposed facility.

Indianapolis, IN
Latitude 39-46-06
Longitude 086-09-29
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	0	260	71	280	0
201	0	221	0	241	0	261	371	281	3
202	0	222	0	242	0	262	0	282	0
203	0	223	0	243	0	263	0	283	0
204	0	224	846	244	13	264	0	284	0
205	0	225	0	245	0	265	0	285	295
206	0	226	0	246	0	266	0	286	64
207	0	227	0	247	0	267	0	287	0
208	0	228	525	248	578	268	0	288	0
209	0	229	0	249	0	269	0	289	0
210	0	230	0	250	0	270	0	290	0
211	0	231	0	251	0	271	0	291	16
212	0	232	14	252	0	272	0	292	120
213	0	233	0	253	0	273	0	293	0
214	0	234	0	254	69	274	0	294	0
215	0	235	0	255	293	275	231	295	0
216	0	236	429	256	961	276	0	296	0
217	0	237	0	257	0	277	0	297	0
218	0	238	0	258	0	278	0	298	1
219	0	239	0	259	0	279	0	299	0
								300	0

Total	4900								

Total allotments, least preclusive spacing: 51
Total allotments, most preclusive spacing: 38