

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:

Yellow Highlighting shows Co, 1st adj, and 2nd adj channels to the proposed facility.

Des Moines, IA
Latitude 41-36-02
Longitude 093-36-32
Grid Size 21 x 21
Micro FM 100 Watts at 30m HAAT
Co-Channel and 1st Adjacent Protected
2nd Adjacent Channel 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 Protected

Educational Media Foundation
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Exhibit 1
Des Moines, IA

Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail
200	0	220	0	240	0	260	0	280	0
201	0	221	0	241	0	261	0	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	0	264	0	284	0
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	0	248	0	268	3	288	0
209	0	229	0	249	0	269	0	289	0
210	0	230	65	250	0	270	24	290	0
211	0	231	0	251	0	271	0	291	0
212	0	232	0	252	0	272	0	292	0
213	0	233	0	253	0	273	0	293	0
214	31	234	0	254	0	274	0	294	0
215	0	235	0	255	0	275	0	295	21
216	0	236	0	256	0	276	0	296	0
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	0	279	0	299	0
								300	0

 Total 144

Total allotments, least preclusive spacing: 8
 Total allotments, most preclusive spacing: 7