

Exhibit 1

Application Purpose and LPFM Preclusion Study

Chadwick Bay Broadcasting is seeking to modify the antenna pattern of translator W235BP as well as add horizontal polarization. No change in location, center of radiation, or effective radiated power is proposed.

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. This preclusion study consists of a grid test in the Buffalo-Niagara Falls Arbitron market, Arbitron Market 55, a Spectrum Limited market.

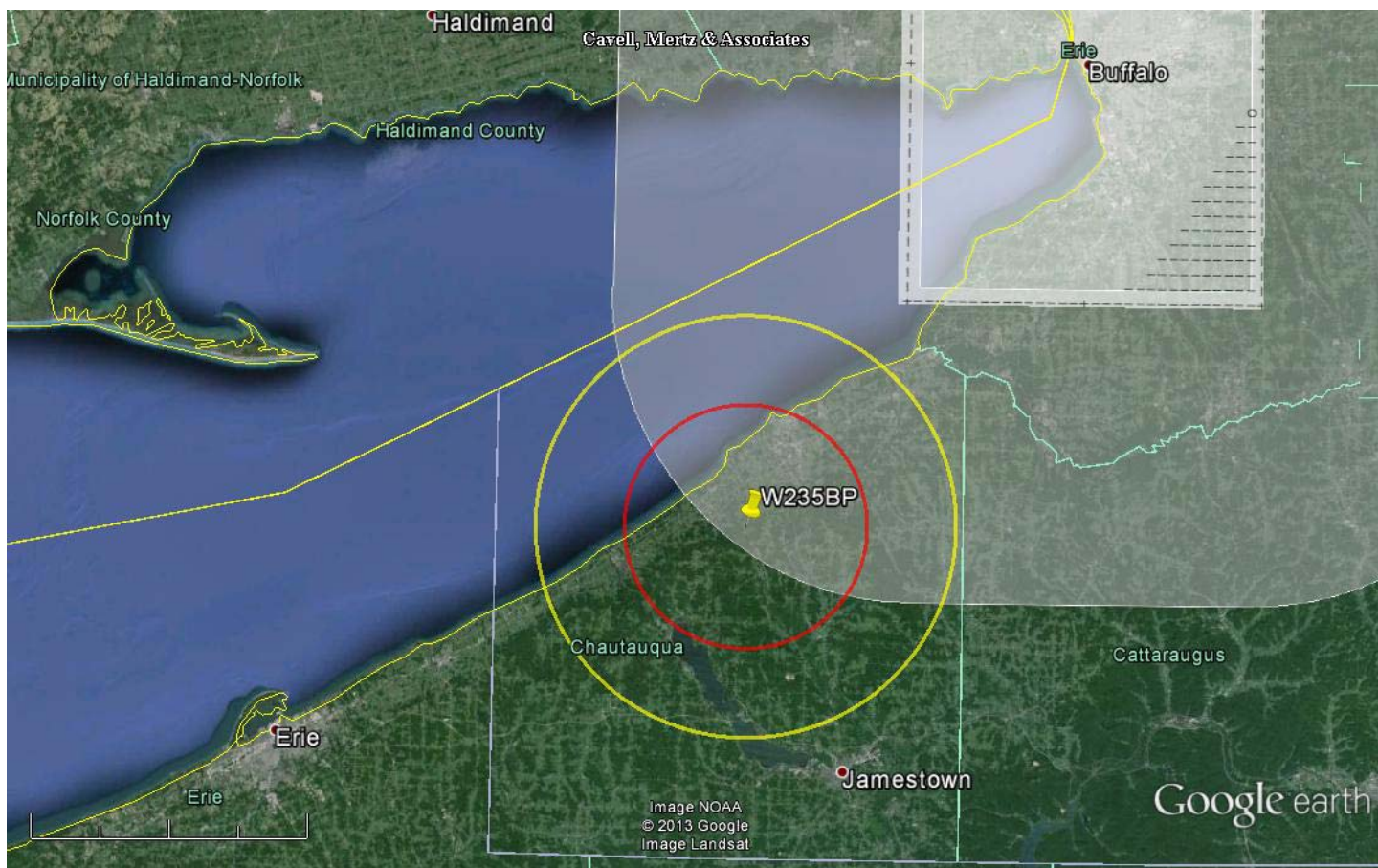
Buffalo, NY
 Latitude 42-53-11
 Longitude 078-52-43
 Grid Size 31 x 31
 Micro FM 100 Watts at 30m HAAT
 Co-Channel and 1st Adjacent Protected
 2nd Adjacent Channel Not Protected
 3rd Adjacent Channel Not Protected
 I.F. Not Protected
 TV Channel 6 Protected
 CP Records Protected
 APP Records Protected
 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	45	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	72	243	4	263	0	283	10
204	0	224	0	244	0	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	84	247	15	267	0	287	0
208	0	228	0	248	0	268	0	288	0
209	0	229	0	249	0	269	0	289	0
210	0	230	0	250	0	270	21	290	0
211	0	231	122	251	15	271	261	291	0
212	0	232	0	252	0	272	0	292	0
213	0	233	0	253	0	273	0	293	0
214	0	234	0	254	0	274	0	294	0
215	0	235	69	255	0	275	0	295	219
216	0	236	40	256	116	276	0	296	135
217	0	237	1	257	0	277	0	297	57
218	0	238	3	258	0	278	0	298	0
219	0	239	1	259	0	279	573	299	0
								300	0

 Total 1866

Total allotments, least preclusive spacing: 33
 Total allotments, most preclusive spacing: 25

LPFM Study - Co-Channel Ch235



Google earth

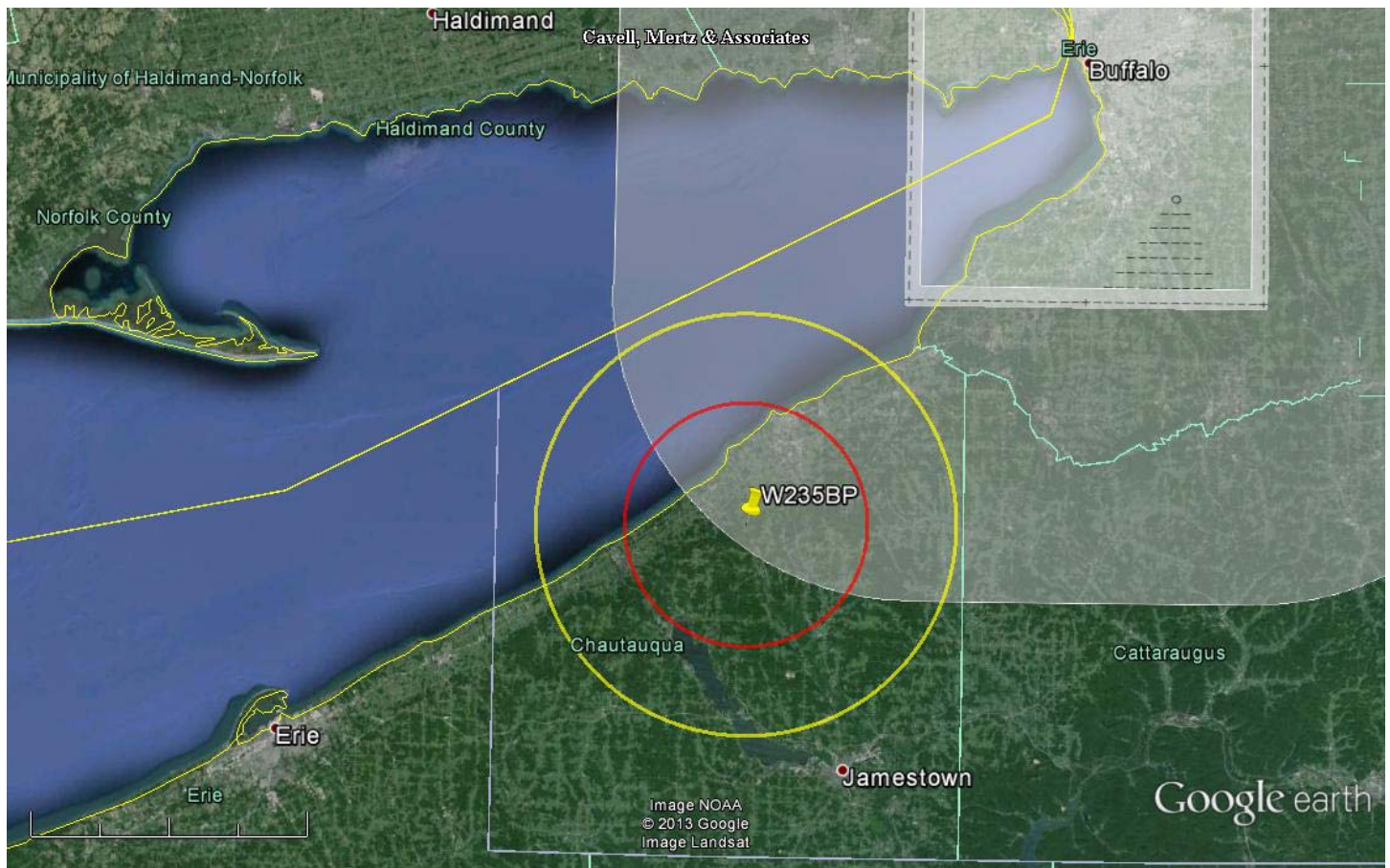
miles 50
km 80



LPFM Protected points for CoChannel 235 are shown aligned to the Buffalo-Niagara Falls, NY grid.

The Yellow Tack indicates the proposed transmitter location. The Yellow Circle Contour indicates minimum cochannel protection distance (26km) to proposed transmitter (per 73.807). No LPFM points are within this minimum distance, therefore the proposed translator does not preclude any LPFM opportunities on channel 235.

LPFM Study - First Adjacent Channel Ch236



Google earth

miles 50
km 80



LPFM Protected points for CoChannel 236 are shown aligned to the Buffalo-Niagara Falls, NY grid.

The Yellow Tack indicates the proposed transmitter location. The Red Circle Contour indicates minimum first adjacent protection distance (15km) to proposed transmitter (per 73.807). No LPFM points are within this minimum distance, therefore the proposed translator does not preclude any LPFM opportunities on channel 236.