

EXHIBIT 1

UPDATED LPFM PRECLUSION SHOWING

PURPOSE:

This Long Form translator application at Hinsdale, NY, changes the height and antenna pattern, but makes no other changes from the last Short Form filed on July 22, 2013. This proposal continues to be for a 7.3km-or-less class of translator. As such, the previously submitted LPFM Preclusion Showing is fully valid. Nonetheless, is it included here, with minor updates to annotations.

LPFM PRECLUSION GRID TEST:

Exhibit 1a shows the pertinent pages of an LPFM6 computer analysis¹, using the Section B assumptions. Of the 3 channels to be considered (230 to 232), only Channel 231 shows LPFM channel-point availabilities. The green circle in **Exhibit 1b** shows the area in which this proposal would preclude a co-channel LPFM station (on Channel 231). At the 12-Radial Site HAAT and ERP proposed, the distance to the 60dBu contour does not exceed 7.3km. Therefore, the LPFM preclusion radius is 25.5km (with allowable rounding). None of the Ch231 protected LPFM points are violated by this proposal. Therefore, this proposed translator does not preclude any protected LPFM channel points.

LPFM PRECLUSION - TOP-50 TRANSMITTER SITE TEST:

The proposed transmitter site is not within range of any Top-50 Market Grid. As such, a Top-50 Transmitter Site Test is not required.

¹LPFM6.exe and associated data, version 20121206

EXHIBIT 1a

LPFM PROTECTED CHANNEL-POINTS FOR GRID STUDY

Syracuse, NY - Spectrum Limited Market

SYRACUSE, NY
 Latitude 43-02-53
 Longitude 076-08-52
 Grid Size 21 x 21
 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	0	280	0
201	0	221	0	241	117	261	0	281	0
202	0	222	0	242	9	262	0	282	0
203	0	223	69	243	0	263	0	283	0
204	0	224	96	244	1	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	113	248	0	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	17	251	1	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	0	234	0	254	0	274	0	294	0
215	0	235	0	255	0	275	0	295	0
216	0	236	0	256	0	276	0	296	0
217	0	237	0	257	0	277	123	297	0
218	0	238	0	258	0	278	1	298	1
219	0	239	0	259	0	279	0	299	0
								300	0

 Total 548

BROWN BROADCAST SERVICES
INCORPORATED

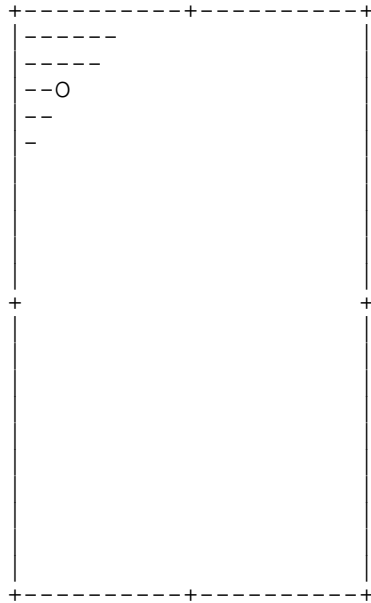
Michael D. Brown

3740 S.W. Comus St.

Portland, Oregon 97219-7418

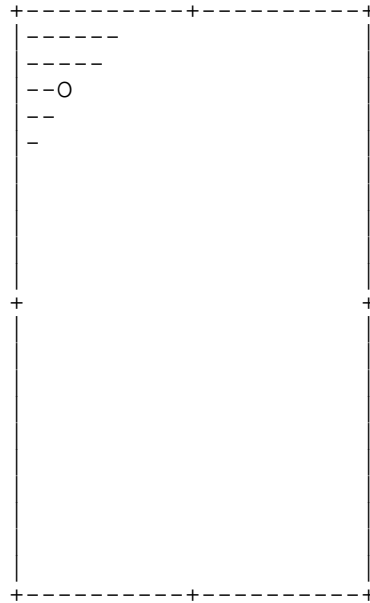
503-245-6065

SYRACUSE, NY
 Latitude 43-02-53
 Longitude 076-08-52
 Least preclusive siting
 Availability of Channel 231 (X)



Point #397 at 43-10-53 076-16-52

SYRACUSE, NY
 Latitude 43-02-53
 Longitude 076-08-52
 Most preclusive siting
 Availability of Channel 231 (X)



Point #397 at 43-10-53 076-16-52

Exhibit 1b

Channel 231 Co-Channel LPFM Preclusion Map

Brown Broadcast Services, Inc.
Job: Hinsdale mod_July 2013_Final.fmj
Master Database: 2013_Jul_17.fmd
Lat: N43:02:11 Lon: W076:01:00 NAD-27
Scale: 1:333333
Channel: 231 Class: DX

Proposed Chan: 231
12 radial HAAT: -53.7m
ERP: 250W
XLTR Class: 7.3km or less
Relationship: co-channel
Preclusion radius: 25.5km

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