

**EXHIBIT 1**  
**FRANKFORT, IN**  
**CHANNEL 252 APPLICATION – BNFT-20030317GYL**  
**LPFM NON-PRECLUSION STUDY**

This long form application is submitted by Kaspar Broadcasting for BNFT-20030317GYA. The coordinates are corrected by 10 seconds in latitude and longitude resulting in a 0.38 km *deminimis* change and the height AGL is decreased 3 meters. These changes do not represent a significant change in LPFM impact and it is requested that this application remain protected from LPFM conflicts in the October 15th window.

The translator will rebroadcast station WSHW(FM)' HD2 signal at Frankfort, IN (facility #33466).

The proposal is within 39 km of the Indianapolis, IN spectrum limited market, but does not preclude any protected LPFM channel point in that grid (see LPFM non-preclusion showing in exhibit 1). The proposed site is in Logan County Indiana and is not in the Indianapolis ARB metro market. Therefore, no site test is required.

**LPFM grid points test:**

As the LPFM6 output included below show, there are no channels 245-251 channel points in the grid. Second adjacent channel points do not have to be protected in “spectrum limited” markets. However, in an abundance of caution, exhibit 1A demonstrates that the proposed 2<sup>nd</sup> adjacent LPFM preclusion circle does not reach the grid. The 32 km co-channel, 21 km 1<sup>st</sup> adjacent channel and 14 km 2<sup>nd</sup> adjacent channel preclusion circles are based on a 0.25 kW/ 35 meters HAAT 60 dBu of 7.6 km in accordance with §73.807(d)(1).

The proposed site is in Clinton County, Indiana and is not in the Indianapolis ARB metro market. Therefore, an LPFM site test is not required.

It is concluded that the Frankfort, IN channel 252 application passes the grid test. It does not preclude any LPFM channel point in an Appendix A market.



Charles M. Anderson  
Charles M. Anderson 04-04-2013

## Grid test:

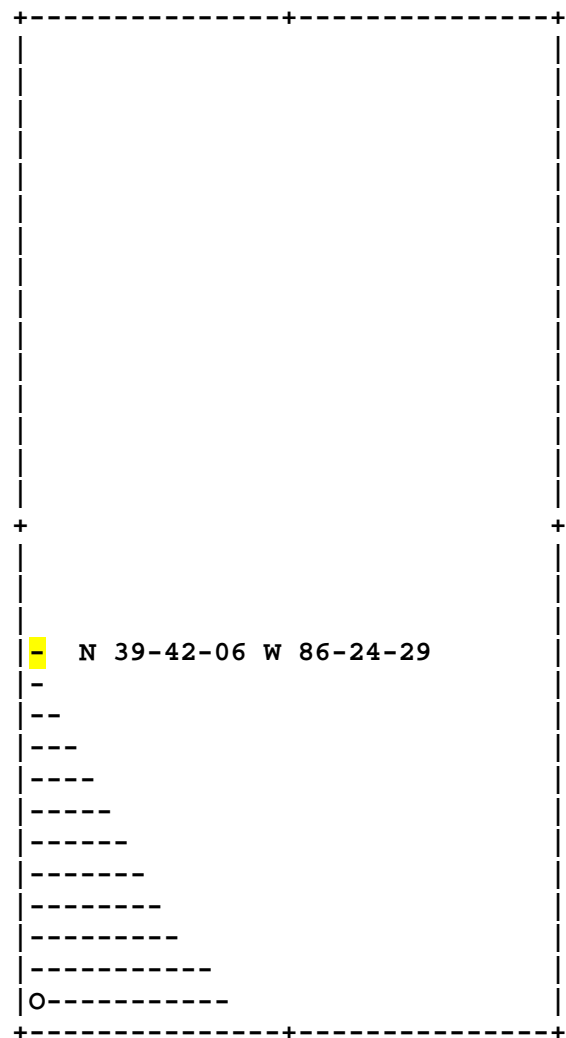
INDIANAPOLIS, IN  
Latitude 39-46-06  
Longitude 086-09-29  
Grid Size 31 x 31  
Micro FM 100 Watts at 30m HAAT  
Co-Channel and 1st Adjacent Protected  
2nd Adjacent Channel Not Protected  
3rd Adjacent Channel Not Protected  
I.F. Not Protected  
TV Channel 6 Protected  
CP Records Protected  
APP 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

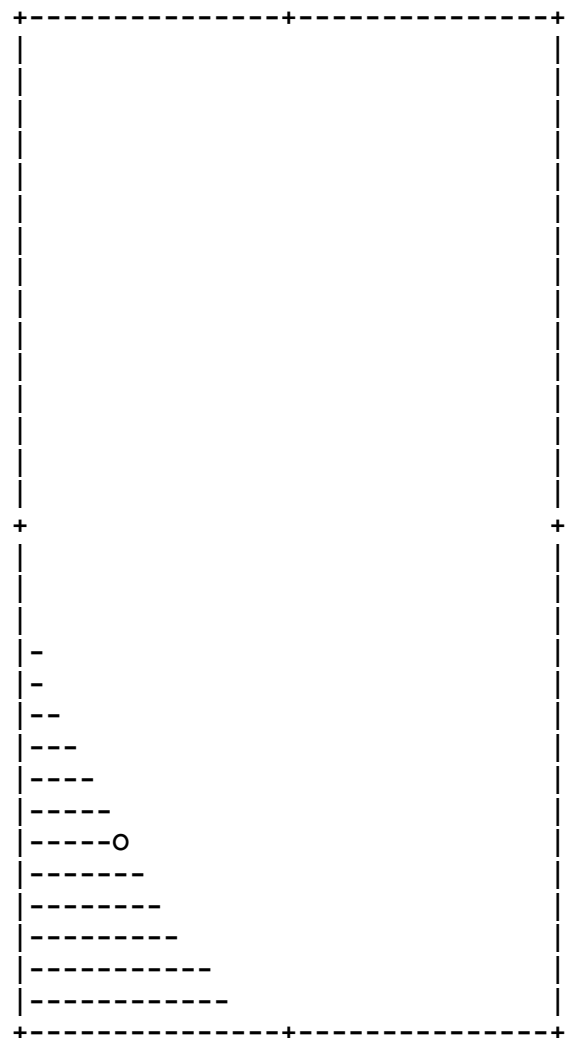
-----  
Total 4900

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

Availability of Channel 254 (X)



Availability of Channel 254 (X)



Point #781 at 39-36-06 086-19-29

**#155830**

BNPFT20030317GYA

Latitude: 40-17-09 N

Longitude: 086-31-38 W

ERP: 0.14 kW

Channel: 248

Frequency: 97.5 MHz

AMSL Height: 294.0 m

Elevation: 259.0 m

Horiz. Pattern: Omni

**EXHIBIT 1A**

