

This minor amendment application specifies changes to Section III-A-Engineering Tech Box as follows:

2. Primary Station change to KHJK, La Porte, TX (Facility ID 48676)
9. Effective Radiated Power to 0.040 kW (H&V, non-da)
10. Transmitting Antenna to Jampro JLCP/1

The Conroe application is included in FM Translator Mutually Exclusive Applications group 449. This minor amendment provides a technical resolution resolving all mutual exclusivities between the Conroe application and the other applications in the group.

The following pages of this exhibit contain an LPFM Preclusion Study demonstrating that no LPFM channel opportunity will be precluded by the proposed amended facilities of the Conroe application.

Educational Media Foundation
New, Conroe, TX Facility ID 148663
Amendment to BNPFT-20030314BHS

EXHIBIT 1
July 2013

GRID TEST - Houston, TX

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

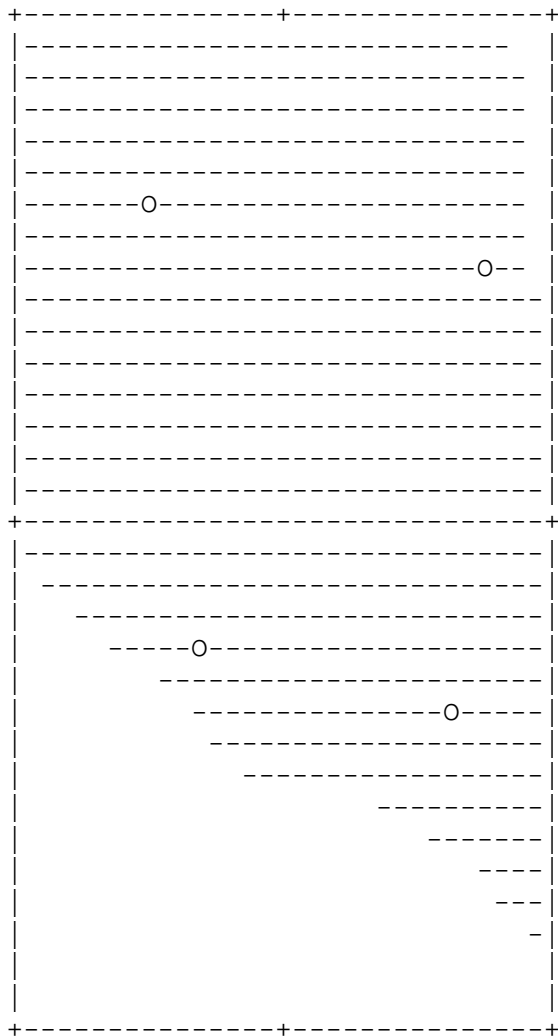
Houston, TX
Latitude 29-45-47
Longitude 095-21-47
Grid Size 31 x 31
Micro FM 100 Watts at 30m HAAT
Co-Channel and 1st Adjacent Protected
2nd Adjacent Channel Not Protected
3rd Adjacent Channel Not Protected
I.F. Not Protected
TV Channel 6 Protected
CP Records Protected
APP Records Protected
FM Translators 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	373	280	0
201	0	221	0	241	961	261	0	281	0
202	0	222	0	242	0	262	0	282	0
203	0	223	958	243	0	263	0	283	957
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	639
208	0	228	0	248	0	268	856	288	0
209	66	229	0	249	0	269	841	289	0
210	0	230	0	250	0	270	0	290	0
211	0	231	855	251	0	271	0	291	848
212	0	232	0	252	0	272	0	292	0
213	0	233	0	253	0	273	788	293	0
214	0	234	0	254	0	274	0	294	0
215	0	235	594	255	0	275	0	295	0
216	0	236	709	256	0	276	0	296	0
217	0	237	950	257	0	277	70	297	0
218	0	238	0	258	370	278	0	298	0
219	0	239	0	259	207	279	0	299	0
								300	0

Total 11042

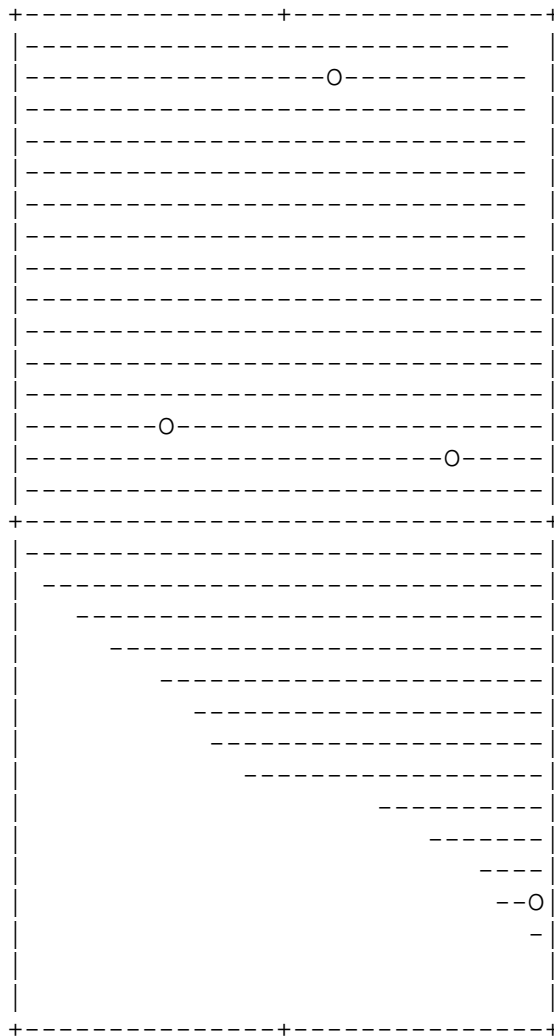
Total allotments, least preclusive spacing: 102
Total allotments, most preclusive spacing: 66

Houston, TX
Latitude 29-45-47
Longitude 095-21-47
Least preclusive siting
Availability of Channel 236 (X)



Point #739 at 29-55-47 095-29-47
Point #117 at 29-53-47 095-09-47
Point #165 at 29-39-47 095-11-47
Point #632 at 29-41-47 095-26-47

Houston, TX
Latitude 29-45-47
Longitude 095-21-47
Most preclusive siting
Availability of Channel 236 (X)



Point #701 at 29-48-47 095-28-47
Point #173 at 29-47-47 095-11-47
Point #402 at 29-59-47 095-18-47
Point #004 at 29-33-47 095-06-47

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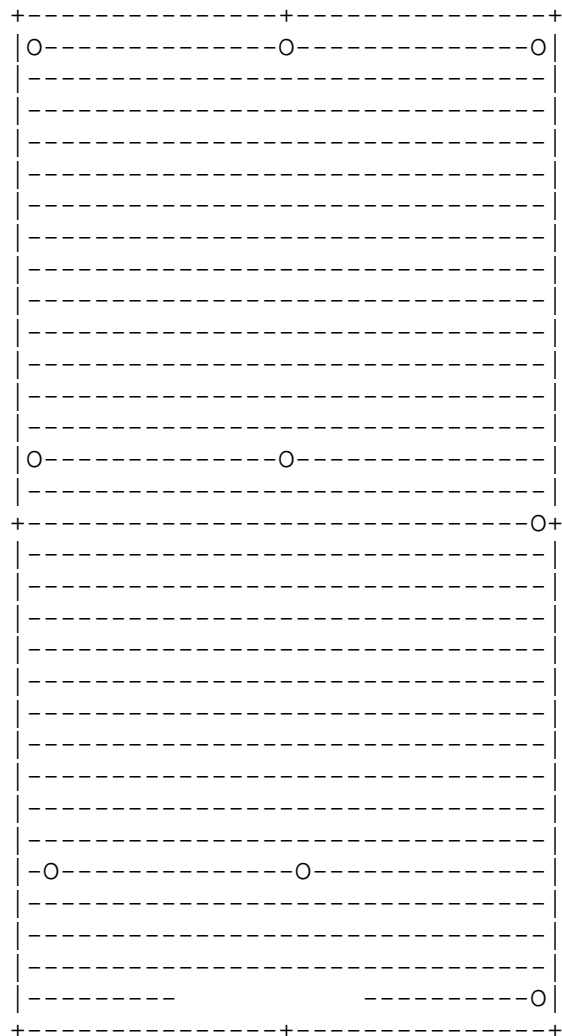
Houston, TX

Latitude 29-45-47

Longitude 095-21-47

Least preclusive siting

Availability of Channel 237 (X)



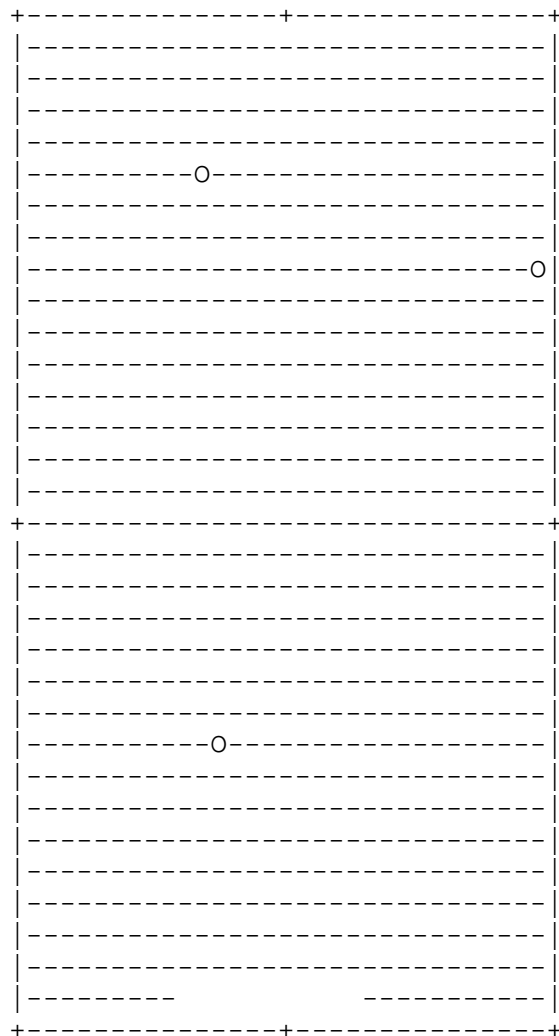
Houston, TX

Latitude 29-45-47

Longitude 095-21-47

Most preclusive siting

Availability of Channel 237 (X)



Point #961 at 30-00-47 095-36-47
Point #016 at 29-45-47 095-06-47
Point #031 at 30-00-47 095-06-47
Point #496 at 30-00-47 095-21-47
Point #483 at 29-47-47 095-21-47
Point #948 at 29-47-47 095-36-47
Point #001 at 29-30-47 095-06-47
Point #439 at 29-34-47 095-20-47
Point #904 at 29-34-47 095-35-47

Point #598 at 29-38-47 095-25-47
Point #647 at 29-56-47 095-26-47
Point #024 at 29-53-47 095-06-47

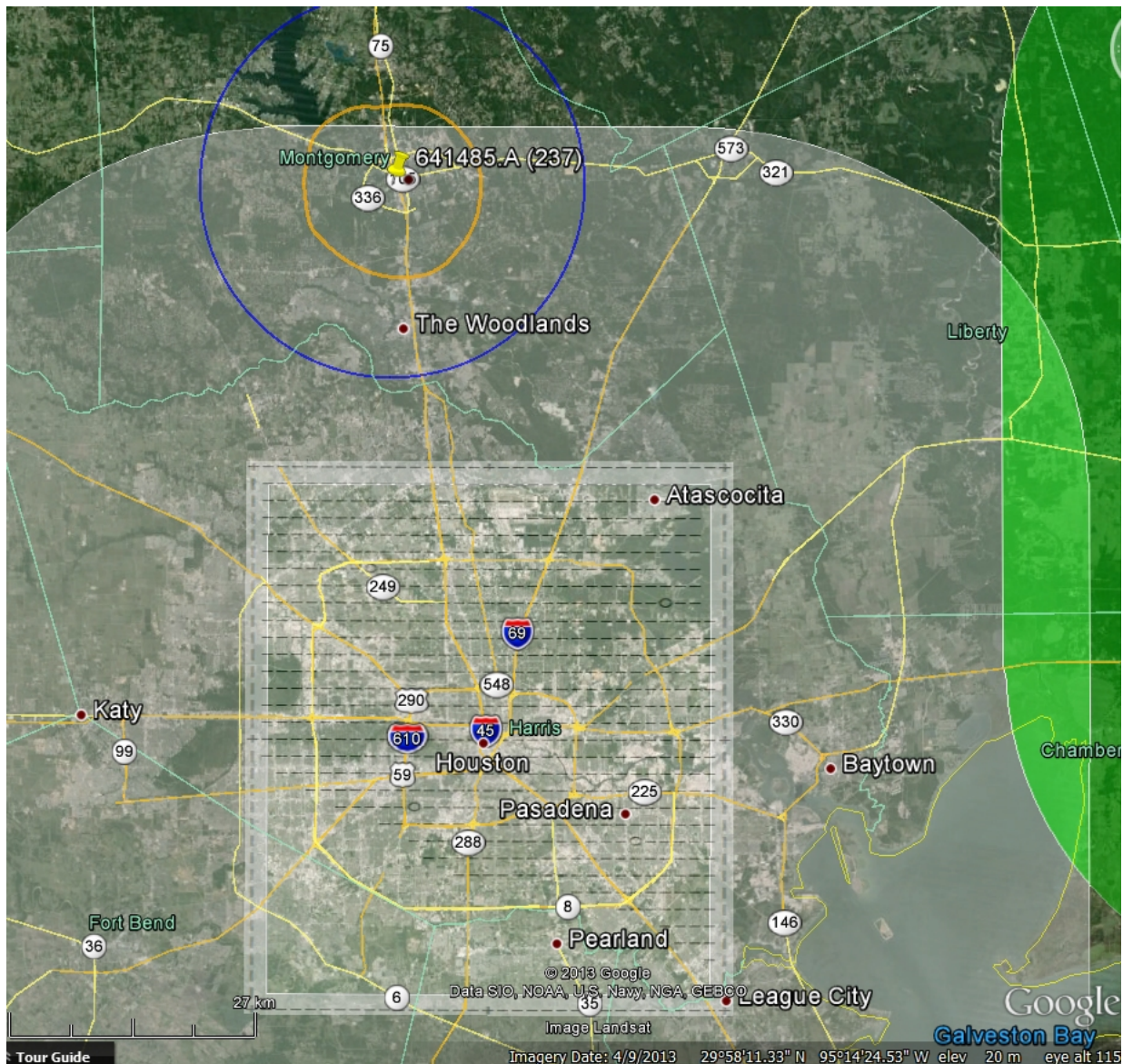
The below map contains the following:

60 dBu contour (orange line) of the proposed amended Conroe application (9.683 km distance)

LPFM first adjacent channel 236 protection distance (21 km per Section 73.807) (blue line)

Channel 236 LPFM protected points aligned to the Houston grid

No LPFM opportunities will be precluded as there are no LPFM protected points within the 21 km LPFM protection distance.



The below map contains the following:

60 dBu contour (orange line) of the proposed amended Conroe application (9.683 km distance)

LPFM co-channel 237 protection distance (32 km per Section 73.807) (black line)

Channel 237 LPFM protected points aligned to the Houston grid

No LPFM opportunities will be precluded as there are no LPFM protected points within the 32 km LPFM protection distance.

