

LPFM Preclusion Study
Calvary Chapel Church
Regarding Facility ID 138510 Channel 269

LPFM Preclusion Study

138510 – Palm Bay, FL

The applicant is filing its “long form” application in accordance with DA 13-1675. This instant application reflects minor technical modifications to its original 2003 “short form” filing which were in accordance with the appropriate public notices and filing procedures at those times. This Instant Application does not preclude an LPFM future applicant according to the December 2012 release of the FCC Grid Tool as shown below. This application is located outside the appropriate grid for the market.

102 – Melbourne / Titusville / Cocoa, Florida

This proposed site is located with the grid (102 – Melbourne / Titusville / Cocoa). The 102 – Melbourne / Titusville / Cocoa market is not a “spectrum limited market” and not a “top 50 market”¹. This proposed site does not preclude any LPFM as demonstrated below.²

¹ See DA-12-29A1 – “FOURTH REPORT AND ORDER AND THIRD ORDER ON RECONSIDERATION”.

² The FCC Grid Tool shows placement of potential LPFM stations in the Atlantic Ocean and other such locations. These erroneous locations have been analyzed and dismissed accordingly.

Grid Analysis

Melbourne / Titusville / Cocoa, Florida

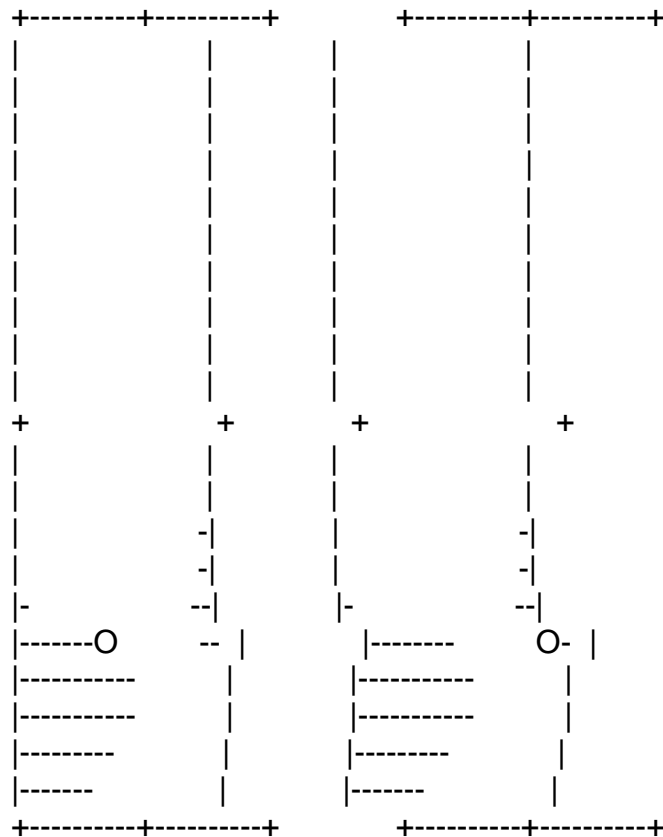
The following is a print out from the Grid Tool provided by the FCC³.

Melbourne,FL_130711
 Latitude 28-04-43
 Longitude 080-36-10
 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

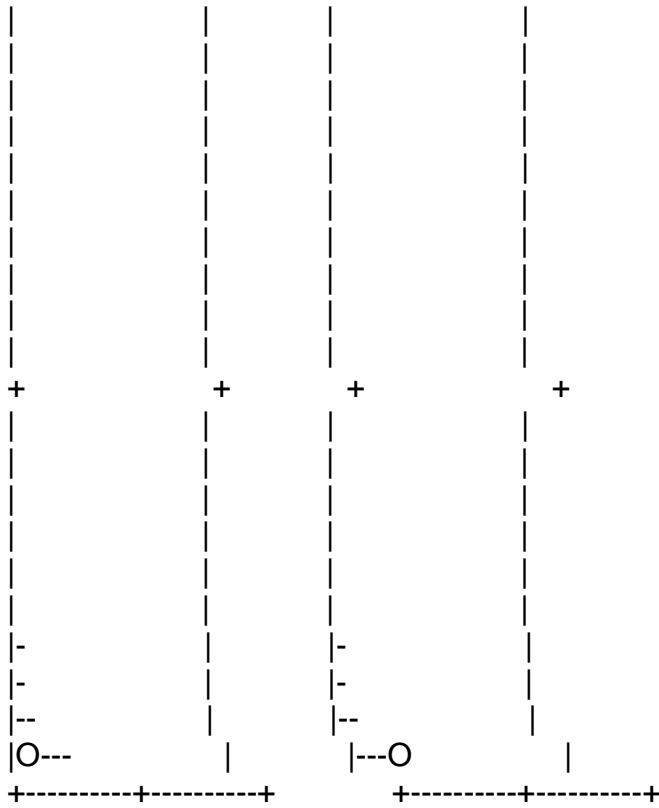
Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail
200	0	220	0	240	0	260	0	280	0
201	0	221	0	241	0	261	0	281	0
202	0	222	0	242	0	262	0	282	0
203	0	223	0	243	0	263	0	283	0
204	0	224	0	244	0	264	0	284	0
205	0	225	53	245	0	265	0	285	0
206	0	226	8	246	0	266	0	286	0
207	0	227	8	247	0	267	0	287	0
208	0	228	0	248	0	268	0	288	0
209	0	229	0	249	4	269	0	289	107
210	0	230	0	250	4	270	0	290	0
211	0	231	6	251	2	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	0	297	0
218	0	238	0	258	0	278	0	298	0
219	0	239	0	259	0	279	0	299	0
				300	2				

³ DA 12-1987 - Released: December 10, 2012 - Media Bureau Releases Updated Low Power FM - Spectrum Availability Data Files – Latest public release as of this date.

Total allotments, least preclusive spacing:	11
Total allotments, most preclusive spacing:	9
Melbourne,FL_130711	Melbourne,FL_130711
Latitude 28-04-43	Latitude 28-04-43
Longitude 080-36-10	Longitude 080-36-10
Least preclusive siting	Most preclusive siting
Availability of Channel 225 (X)	Availability of Channel 225 (X)



Point #278 at 27-58-43 080-39-10	Point #068 at 27-58-43 080-29-10
Melbourne,FL_130711	Melbourne,FL_130711
Latitude 28-04-43	Latitude 28-04-43
Longitude 080-36-10	Longitude 080-36-10
Least preclusive siting	Most preclusive siting
Availability of Channel 226 (X)	Availability of Channel 226 (X)
+-----+-----+	+-----+-----+



Point #421 at 27-54-43 080-46-10 Point #358 at 27-54-43 080-43-10

Melbourne,FL_130711

Melbourne,FL_130711

Latitude 28-04-43

Latitude 28-04-43

Longitude 080-36-10

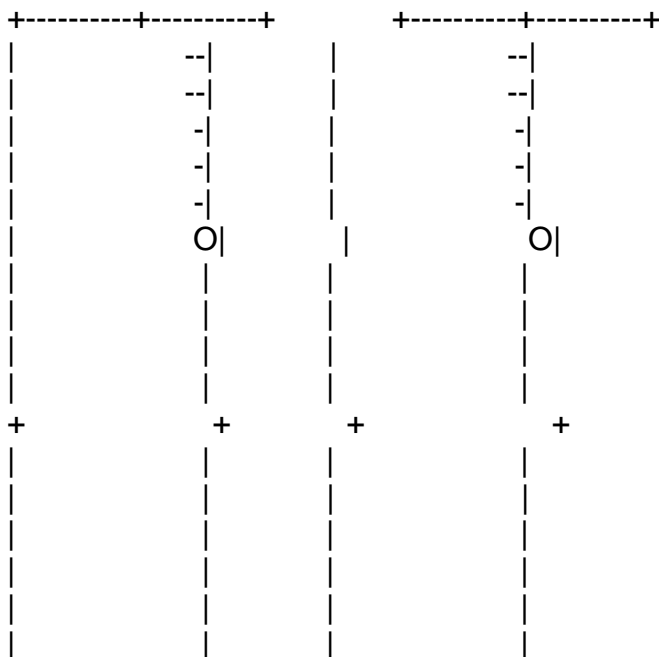
Longitude 080-36-10

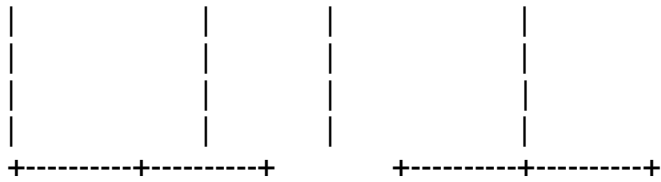
Least preclusive siting

Most preclusive siting

Availability of Channel 227 (X)

Availability of Channel 227 (X)





Point #016 at 28-09-43 080-26-10 Point #016 at 28-09-43 080-26-10

Melbourne,FL_130711

Melbourne,FL_130711

Latitude 28-04-43

Latitude 28-04-43

Longitude 080-36-10

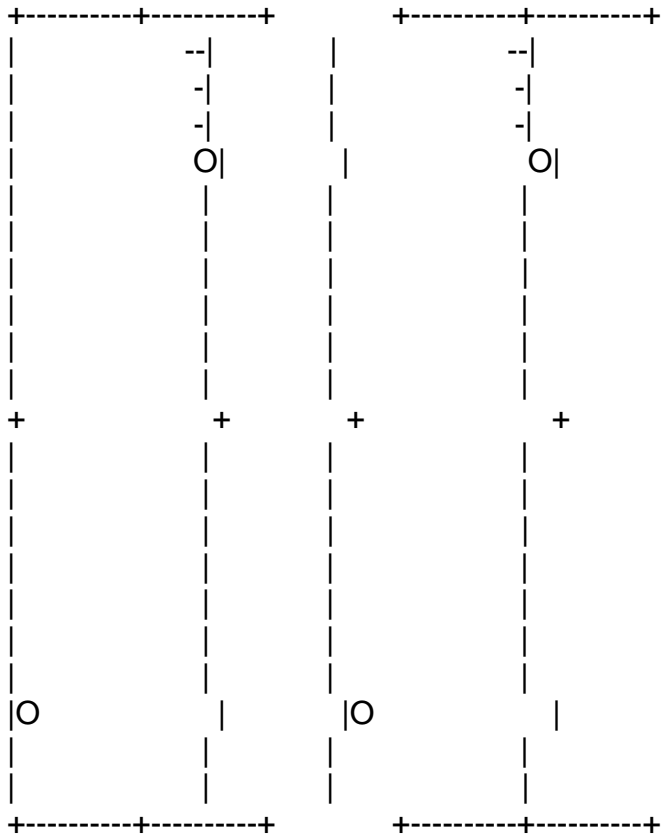
Longitude 080-36-10

Least preclusive siting

Most preclusive siting

Availability of Channel 231 (X)

Availability of Channel 231 (X)



Point #423 at 27-56-43 080-46-10 Point #018 at 28-11-43 080-26-10

Point #018 at 28-11-43 080-26-10 Point #423 at 27-56-43 080-46-10

Melbourne,FL_130711

Melbourne,FL_130711

Latitude 28-04-43

Latitude 28-04-43

Longitude 080-36-10

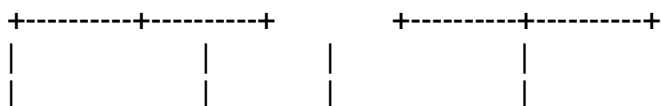
Longitude 080-36-10

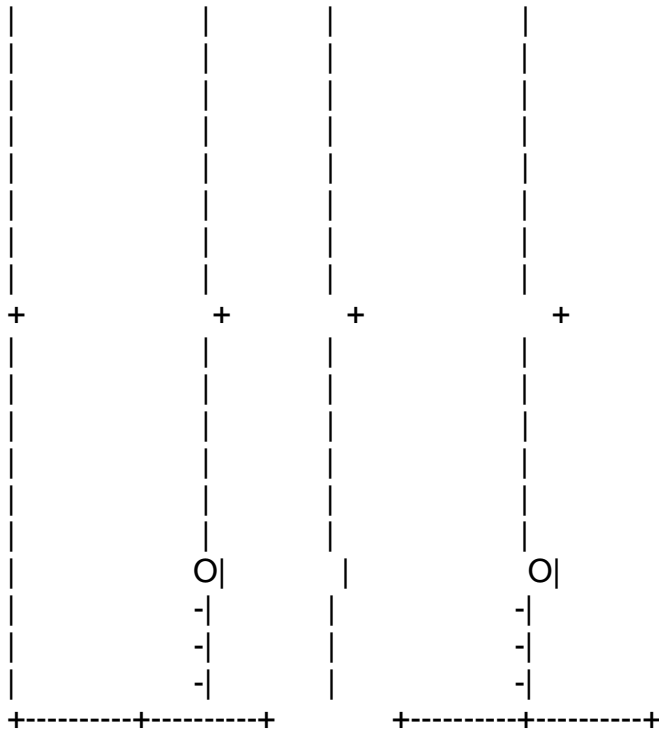
Least preclusive siting

Most preclusive siting

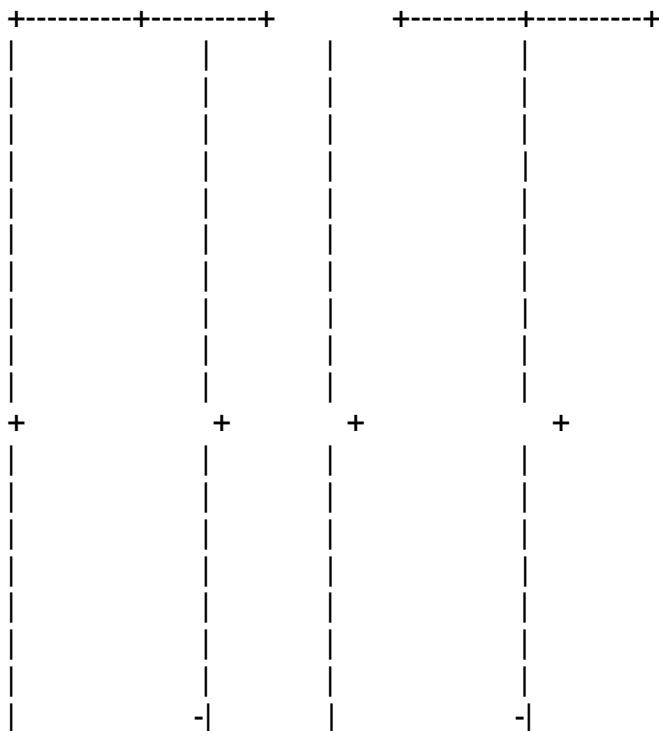
Availability of Channel 249 (X)

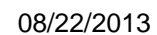
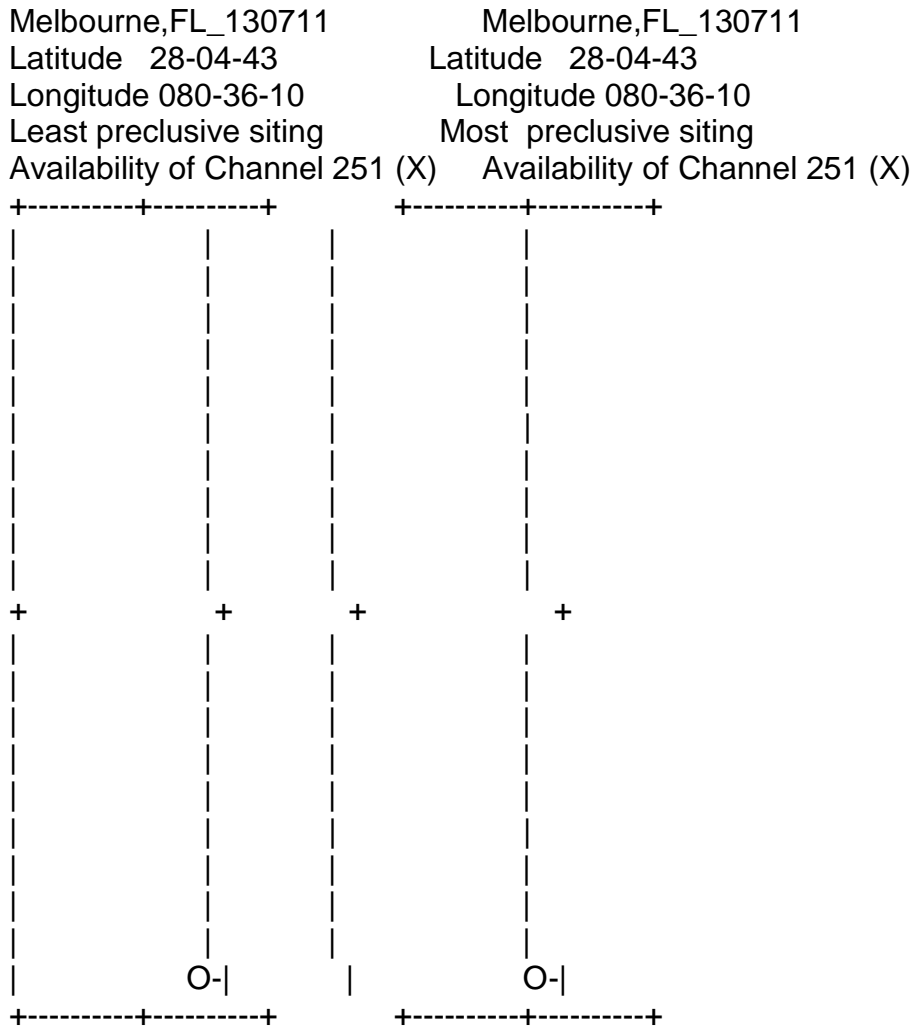
Availability of Channel 249 (X)

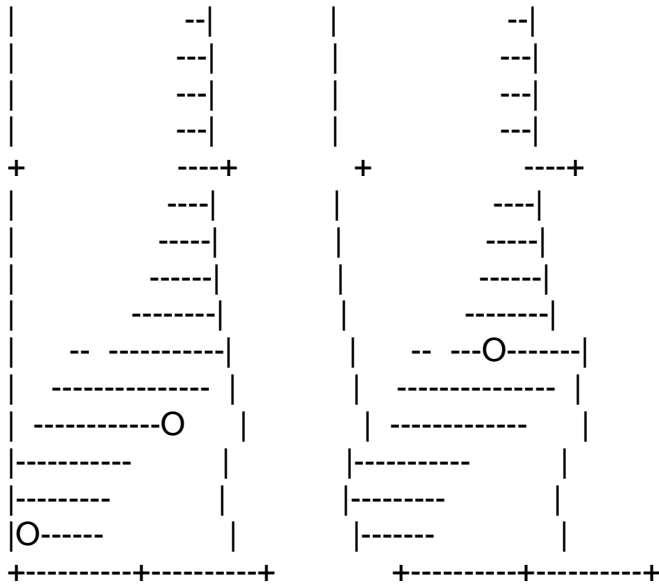




Point #004 at 27-57-43 080-26-10	Point #004 at 27-57-43 080-26-10
Melbourne,FL_130711	Melbourne,FL_130711
Latitude 28-04-43	Latitude 28-04-43
Longitude 080-36-10	Longitude 080-36-10
Least preclusive siting	Most preclusive siting
Availability of Channel 250 (X)	Availability of Channel 250 (X)







Point #016 at 28-09-43 080-26-10 Point #153 at 27-59-43 080-33-10

Point #130 at 27-57-43 080-32-10

Point #421 at 27-54-43 080-46-10

Melbourne,FL_130711

Melbourne,FL_130711

Latitude 28-04-43

Latitude 28-04-43

Longitude 080-36-10

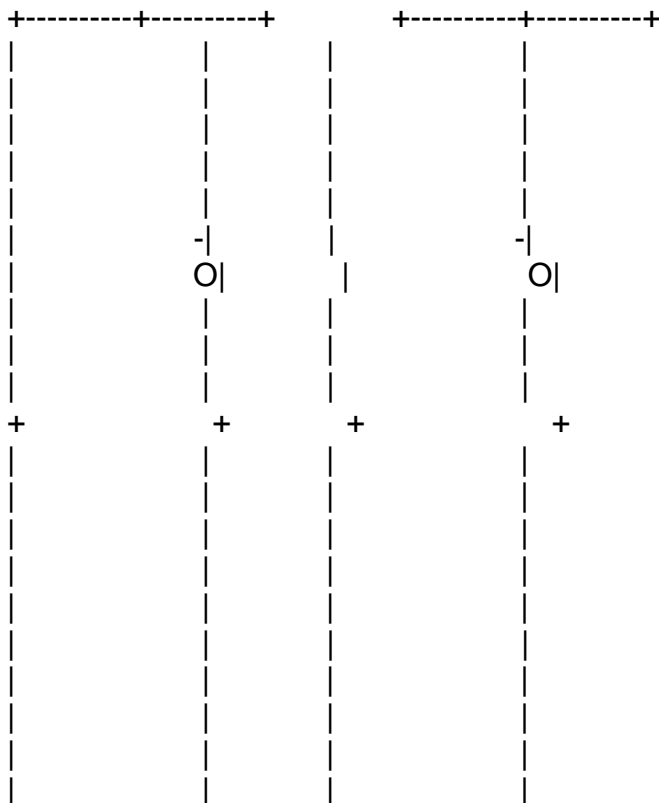
Longitude 080-36-10

Least preclusive siting

Most preclusive siting

Availability of Channel 300 (X)

Availability of Channel 300 (X)



+-----+-----+ +-----+-----+

Point #015 at 28-08-43 080-26-10 Point #015 at 28-08-43 080-26-10