

LPFM PRECLUSION STUDY BNPFT-20030317AIC

Coordinates: 29-41-17 N. ~ 97-40-39 W.
Antenna Structure Registration Number: 1019199
RC-AMSL: 212.1 m
ERP: 0.25 kW (non-directional antenna)
HAAT: 86 m

This LPFM preclusion study is conducted on behalf of Frank G. McCoy, applicant of 2003 FM translator application BNPFT-20030317AIC at Lockhart, TX.

The amendment site is located inside the 39 km buffer zone of the Austin, TX market, a Top 50 Spectrum Limited Market.

The maps are provided to demonstrate compliance with the LPFM preclusion showing requirements. The map shows the Austin, TX 31 x 31 Grid and 39 km buffer zone. The proposed amendment site is just outside the 39 km buffer zone for San Antonio. The map also shows the 21 x 21 Grid for San Antonio as well as the 39 km buffer zone.

A copy of the relevant portions of the Austin LPFM Preclusion Study generated by the FCC's LPFM6 software program is attached. The channel impacted by this proposal are highlighted in yellow. Co-channel 300 is the only channel identified in the study relevant to the proposed amendment.

Map One shows co-channel Channel 300 (107.9 MHz). This map shows that the proposed facility has an FCC F(50,50) 60 dBu contour great than 7.3 km but less than 13.3 km. Therefore the hypothetical circle used to show no overlap with co-channel identified LPFM grid points is 32 km. The 32 km. hypothetical circle does not reach any part of the Austin, TX 31 x 31 grid. Also, the proposed FCC F(50,50) 60 dBu contour is entirely contained inside the 32 km. hypothetical circle

Therefore it is believed that the proposed amendment for BNPFT-20030317AIC is in compliance with the requirements of the LPFM Preclusion Study as described in *"Creation of a Low Power Radio Service, Fourth Report and order and Third Order on Reconsideration, 27, FCC Rcd 3364, 3382-88 (2012)" ("Fourth Report and Order")*.

MI CRO_AUSTIN TX CH 300

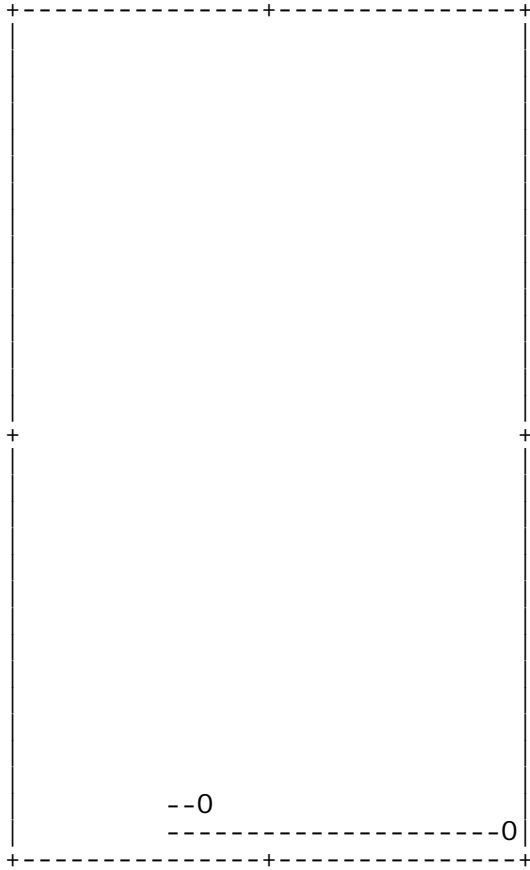
austin, tx
 Latitude 30-16-01
 Longitude 097-44-34
 Grid Size 31 x 31
 Micro FM 100 Watts at 30m HAAT
 Co-Channel and 1st Adjacent Protected
 2nd Adjacent Channel Not Protected
 3rd Adjacent Channel Not Protected
 I.F. Not Protected
 TV Channel 6 Not Protected
 CP Records Protected
 APP Records Protected
 FM Translators Protected
 TV Channel 6 Translators/LP Protected
 Auc83 FX App Records Not Protected

Chan	Avai l	Chan	Avai l	Chan	Avai l	Chan	Avai l	Chan	Avai l
200	0	220	0	240	175	260	0	280	717
201	0	221	0	241	82	261	2	281	0
202	0	222	0	242	93	262	144	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	691	245	0	265	0	285	0
206	0	226	0	246	19	266	794	286	0
207	0	227	0	247	94	267	0	287	0
208	0	228	0	248	16	268	0	288	0
209	0	229	0	249	28	269	0	289	0
210	0	230	0	250	0	270	663	290	0
211	0	231	838	251	0	271	0	291	0
212	0	232	661	252	0	272	0	292	0
213	0	233	0	253	80	273	0	293	0
214	0	234	0	254	0	274	17	294	146
215	0	235	0	255	0	275	179	295	0
216	0	236	19	256	0	276	19	296	0
217	0	237	0	257	7	277	0	297	0
218	0	238	0	258	1	278	0	298	0
219	0	239	0	259	0	279	0	299	0
									300
									25

Total		5510							

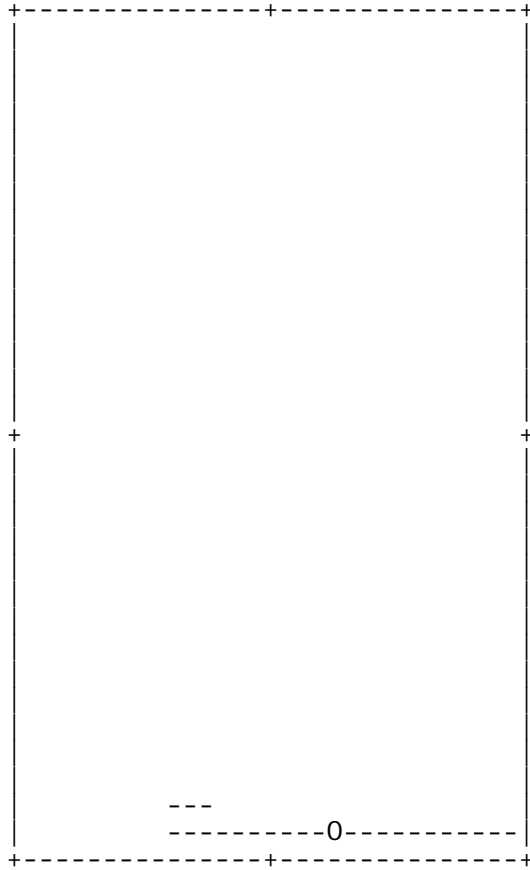
MICRO_AUSTIN TX CH 300

Point #961 at 30-31-01 097-59-34
 Point #026 at 30-26-01 097-29-34
 Point #500 at 30-04-01 097-45-34
 Point #104 at 30-11-01 097-32-34
 austin, tx
 Latitude 30-16-01
 Longitude 097-44-34
 Least preclusive siting
 Availability of Channel 300 (X)



Point #001 at 30-01-01 097-29-34
 Point #591 at 30-02-01 097-48-34

Point #104 at 30-11-01 097-32-34
 Point #055 at 30-24-01 097-30-34
 Point #500 at 30-04-01 097-45-34
 Point #961 at 30-31-01 097-59-34
 austin, tx
 Latitude 30-16-01
 Longitude 097-44-34
 Most preclusive siting
 Availability of Channel 300 (X)



Point #342 at 30-01-01 097-40-34

BNPFT-20030317AIC

Luling, TX
Latitude: 29-41-17 N
Longitude: 097-40-39 W
ERP: 0.25 kW
Channel: 292
Frequency: 106.3 MHz
AMSL Height: 212.1 m
Elevation: 112.1 m
Horiz. Pattern: Directional

LPFM Preclusion Study Map 1

Co-Channel Study - Channel 300 - 107.9 MHz

