

R E C NETWORKS
CHANNEL REPORT

NAD27 LATITUDE: 30 - 23' 22.9" - LONGITUDE: 97 - 42' 14.2"
CHANNEL: 232 - CLASS: LPFM(LP-100)

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
229	93.7	KLBJ-FM	AUSTIN	TX C	12.3	0.0	12.3	223.7
: EMMIS AUSTIN RADIO BROADCASTING COMPANY, L.P. * Does not meet third adjacent channel spacing under LCRA Sect 7.								
231	94.1	KLTR	BRENNHAM	TX C2	133.1	80.0	53.1	98.5
: ROY E. HENDERSON								
231	94.1	KTFM	FLORESVILLE	TX C2	154.9	80.0	74.9	210.3
: BMP SAN ANTONIO LICENSE COMPANY, L.P.								
231	94.1	K231BX	BELTON	TX D6	74.5	28.0	46.5	16.3
: WENDOLYNN TELLEZ								
231	94.1	KLTR	BRENNHAM	TX C2	134.3	80.0	54.3	95.1
: ROY E. HENDERSON								
231	94.1	KLTR	BRENNHAM	TX C2	134.3	80.0	54.3	95.1
: ROY E. HENDERSON								
231	94.1	KLTR	BRENNHAM	TX C3	126.9	67.0	59.9	102.2
: ROY E. HENDERSON								
231	94.1	KLTR	BRENNHAM	TX C2	133.1	80.0	53.1	98.5
: ROY E. HENDERSON								
232	94.3	KYOX	COMANCHE	TX C2	193.7	91.0	102.7	331.0
: CCR-STEPHENVILLE III, LLC								
232	94.3	KYKM	YOAKUM	TX A	125.3	67.0	58.3	156.8
: KREMLING ENTERPRISES, INC.								
232	94.3	KRVL	KERRVILLE	TX C2	138.4	91.0	47.4	263.9
: FOSTER CHARITABLE FOUNDATION, INC.								
234	94.7	KAMX	LULING	TX C0	11.8	84.0	-72.2	230.8
: ENTERCOM AUSTIN LICENSE, LLC								

Based on FCC CDBS data as of close of business, September 13, 2013.

LPFM SECOND ADJACENT CHANNEL WAIVER STUDY

Austin, TX
Channel 232L1 (94.3 MHz)

Based on a study performed by Michelle Bradley of REC Networks, it has been determined that this proposed site qualifies for a second adjacent waiver as specified in Section 73.807(e) of the Commission's Rules.

The proposed LPFM station would operate 0.068 kW with a radiation center of 15 meters above ground level (37 meters HAAT).

Station KAMX (Facility ID # 48651) operates on Channel 234C0 and is located 11.8 km from the proposed LPFM site. KAMX operates 99kW at 391.4m HAAT towards the proposed LPFM site. KAMX places a 99.348 dBu F(50, 50) service contour at the LPFM site.

Using the U/D method, we have determined that the prohibited overlap goes as far as the 139.348 dBu F(50, 10) interference contour of the proposed LPFM station. Using the free-space method, this contour is 6 meters from the radiation center of the antenna.

As the antenna height above ground exceeds the size of the interference overlap zone of the proposed LPFM station, the interference will never reach the ground. Appendix A includes a Google Map that depicts the tower location. It clearly shows that there are no 15 meter buildings immediately adjacent to the proposed tower and therefore the interference, measured as a sphere from the radiation center of the antenna, will not penetrate any structures and therefore will not cause any interference to any potential listeners.

Therefore, based on the information presented, REC submits that the proposed LPFM station will not create any interference to existing or potential listeners of second adjacent channel station KAMX.

Report completed by
Michelle Eyre Bradley
Founder, REC Networks

APPENDIX A

This is a Google Earth view of the proposed LPFM tower site. This demonstrates that there are no tall buildings immediately adjacent to the proposed LPFM tower. Because of that, the predicted interference, measured as 68 meter sphere from the radiation center of the antenna would not penetrate any buildings or major highways and therefore would not cause any interference to any potential listeners.

