

R E C NETWORKS
CHANNEL REPORT

NAD27 LATITUDE: 30 - 16' 11" - LONGITUDE: 97 - 42' 05"
CHANNEL: 232 - CLASS: LPFM(LP-100)

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
229	93.7	KLBJ-FM	AUSTIN	TX C	9.8	0.0	9.8	297.0
: 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	133.5	80.0	53.5	89.3
: ROY E. HENDERSON								
231	94.1	KLTR	BRENNHAM	TX C3	124.5	67.0	57.5	96.2
: ROY E. HENDERSON								
231	94.1	KLTR	BRENNHAM	TX C2	131.5	80.0	51.5	92.7
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231	94.1	KLTR	BRENNHAM	TX C2	131.5	80.0	51.5	92.7
: ROY E. HENDERSON								
231	94.1	KTFM	FLORESVILLE	TX C2	143.8	80.0	63.8	213.1
: BMP SAN ANTONIO LICENSE COMPANY, L.P.								
231	94.1	KLTR	BRENNHAM	TX C2	133.5	80.0	53.5	89.3
: ROY E. HENDERSON								
232	94.3	KYKM	YOAKUM	TX A	113.1	67.0	46.1	154.2
: KREMLING ENTERPRISES, INC.								
232	94.3	KRVL	KERRVILLE	TX C2	137.9	91.0	46.9	269.4
: FOSTER CHARITABLE FOUNDATION, INC.								
232	94.3	NEW	NEW BRAUNFELS	TX D	79.8	32.0	47.8	212.7
: FRANK G. MCCOY								
232	94.3	KYOX	COMANCHE	TX C2	205.6	91.0	114.6	332.8
: CCR-STEPHENVILLE III, LLC								
232	94.3	NEW	NEW BRAUNFELS	TX D	79.8	32.0	47.8	211.3
: FRANK G. MCCOY								
232	94.3			A	113.1	67.0	46.1	154.2
: EDWARDS BROADCASTING CO.								
234	94.7	KAMX	LULING	TX C0	11.1	84.0	-72.9	302.2
: ENTERCOM AUSTIN LICENSE, LLC								

Based on FCC CDBS data as of close of business, September 20, 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 0.1 kW with a radiation center of 25 meters above ground level (-11 meters HAAT).

Station KAMX (Facility ID # 48651) operates on Channel 234C0 and is located 11.1 km from the proposed LPFM site. KAMX operates 99kW at 458.6m HAAT towards the proposed LPFM site. KAMX places a 101.481 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 141.481 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.

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 image of the proposed LPFM tower and surrounding area. There are no very tall structures within close proximity of the proposed tower. The predicted interference overlap zone is 6 meters from the radiation center. With the radiation center 25 meters above ground level, the sphere of interference will not reach any of the occupied structures.

