

MODIFY BPFT-20100428AAN
EMMIS AUSTIN RADIO BROADCASTING COMPANY, LP
K274AX FM TRANSLATOR STATION
CH 274D - 102.7 MHZ - 0.250 KW
AUSTIN, TEXAS
March 2011

EXHIBIT C

Radio Frequency Assessment

A study has been made to determine whether this proposal is in compliance with 47 C.F.R. §1.1307 of the Commission's rules and with OET Bulletin #65, dated August 1997 ("Bulletin"), regarding human exposure to radio frequency radiation in the vicinity of broadcast towers. The proposed K274AX translator is located on a tower that is in close proximity (within 300.0 meters) to several other towers in the defacto Austin, Texas tower farm. This study utilizes the appropriate formulas contained in the OET Bulletin.¹

The proposed K274AX antenna system is to be mounted with its center of radiation 206.7 meters (678.1 feet) above the ground at the existing tower location and will operate with an effective radiated power of 0.250 kilowatt in the horizontal and vertical planes (circularly polarized). At 2.0 meters above the ground at the base of the tower, the height of an average person, the K274AX antenna system will contribute 0.0002 mw/cm².² Based on exposure limitations for a controlled environment, <0.1% of the allowable ANSI limit is reached at 2.0 meters above the ground at the base of the tower. For uncontrolled environments, 0.1% of the ANSI limit is reached at 2.0 meters above the ground at the base of the tower.

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- 1) The FMModel Program was used for all calculations for the FM station contributions. The EPA single bay dipole antenna was used unless otherwise noted.
 - 2) This level of field occurs at 55.0 meters out from the base of the tower and is considered worst case.

Since this level for controlled and uncontrolled environments is less than the 5% limit as defined by the Commission {§1.1307(b)(3)(i)}, the proposed K274AX facility is believed to be in compliance with the radio frequency radiation exposure limits, as required by the Federal Communications Commission. Further, Emmis will post warning signs in the vicinity of the tower warning of potential radio frequency radiation hazards at the site. Additionally, Emmis will reduce the power of the facility or cease operation, in cooperation and coordination with other tower users, as necessary, to protect persons having access to the site, tower or antenna from radio frequency radiation in excess of FCC guidelines.