

**MINOR CHANGE APPLICATION/
CORRECTION OF COORDINATES
CUMULUS LICENSING LLC
KOMS (FM) RADIO STATION
CH 297C - 107.3 MHZ - 100.0 KW
POTEAU, OKLAHOMA
May 2009**

EXHIBIT B

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. This study considers all nearby contributing stations and utilizes the appropriate formulas contained in the OET Bulletin.¹

The existing KOMS antenna system is mounted with its center of radiation 42.1 meters (138.1 feet) above the ground at the tower location and operates with an effective radiated power of 100.0 kilowatts in the horizontal and vertical planes (circularly polarized). The KOMS antenna system will be a Shively Labs Model 6813 twelve bay full wavelength system (EPA/FCC Type 6). At 2.0 meters, the height of an average person, above the ground at the base of the tower, the KOMS antenna system will contribute 0.1205 mw/cm².² Based on exposure limitations for controlled environments, 12.1% of the allowable limit is reached at 2.0 meters above the ground at the base of the tower. For uncontrolled environments, 60.3% of the limit is reached at 2.0 meters above the ground at the base of the tower.

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- 1) The contributions of all the FM facilities were calculated using the FM Model program. A single bay EPA dipole antenna was used for calculation purposes. In cases where the number of bays of the antenna was known, this data was used in the FMModel program.
 - 2) This level of field occurs at 10.0 meters out from the base of the tower and is considered worst case.

Since this level is well below the 100% limit defined by the Commission, the proposed KOMS facility is believed to be in compliance with the radio frequency radiation exposure limits as required by the Federal Communications Commission. Further, Cumulus will insure warning signs are posted in the vicinity of the tower warning of potential radio frequency radiation hazards at the site. In addition, Cumulus will reduce the power of the proposed 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.