

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
KQXY-FM RADIO STATION
CH 231C1 - 94.1 MHZ - 100.0 KW
BEAUMONT, TEXAS
March 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 proposed KQXY-FM antenna system will be mounted with its center of radiation 109.1 meters (357.9 feet) above the ground at the tower location and operate with an effective radiated power of 100.0 kilowatts in the horizontal and vertical planes (circularly polarized). The proposed KQXY-FM antenna will be a rototiller style eight bay full wavelength spaced antenna system (FCC/EPA Type 3). At 2.0 meters, the height of an average person, above the ground at the base of the tower, the KQXY-FM antenna system will contribute 0.0339 mw/cm^2 .² Based on exposure limitations for controlled environments, 3.4% of the allowable limit is reached at 2.0 meters above the ground at the base of the tower. For uncontrolled environments, 17.0% 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 29.0 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 KQXY-FM 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.