

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WHBX (FM) RADIO STATION
CH 241C2 -96.1 MHZ - 37.0 kW
TALLAHASSEE, FLORIDA
March 2015

EXHIBIT B

Radio Frequency Assessment

A study has been made to determine whether this station 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 uses the appropriate formulas contained in the OET Bulletin.¹

The WHBX antenna is mounted with its center of radiation 143.1 meters (469 feet) above the ground at the tower location and operates with an effective radiated power of 37.0 kilowatts in the horizontal and vertical planes (circularly polarized). At 2.0 meters above the ground at the fence perimeter, the WHBX antenna contributes 0.0748 mw/cm².² Based on exposure limitations for a controlled environment, 7.5% of the allowable limit is reached at 2.0 meters above the ground at the base of the tower. For uncontrolled environments, 37.4% of the ANSI limit is reached at 2.0 meters above the ground at the fence perimeter.

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- 1) The contributions of the FM stations were calculated with the FMModel program. The EPA single bay dipole antenna was used for calculations unless otherwise noted.
 - 2) This level of signal falls 38.0 meters from the base of the tower and is assumed as a worst case scenario.

Since this level of signal is significantly less than the maximum for uncontrolled environments, as specified by the Commission, it is believed that WHBX is in compliance with the radio frequency radiation exposure limits, as required by the Federal Communications Commission. Cumulus will insure that warning signs have been posted in the vicinity of the tower and at the fence perimeter warning of potential radio frequency radiation hazards at the site. In addition, Cumulus 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.