MINOR CHANGE APPLICATION
6 JOHNSON ROAD LICENSES, INC.
W258CF FM TRANSLATOR STATION
CH 223D - 92.5 MHz - 0.13 kW
KINGSTON, NEW YORK
July 2016

EXHIBIT D

Radio Frequency Assessment

Johnson Road, permittee of FM translator station W258CF, is in the process of making changes to the operation of W258CF. The proposed W258CF facility is co-located with WGHQ (AM), 920 kHz, Kingston, New York; therefore, it was not possible to certify compliance using the RF worksheets.

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 W258CF antenna system is mounted with its center of radiation 84.2 meters (276.1 feet) above the ground at the tower location and will operate with an effective radiated power of 0.13 kilowatt in the horizontal and vertical planes (circularly polarized). The W258CF antenna is a Shively 6812B-5R-SS five bay half wavelength spaced system (FCC/EPA Type #2). At 2.0 meters above the ground at the base of the tower, the height of an average

---

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.

person, the W258CF antenna system contributes 0.0000302 mw/cm^2.[2] Based on exposure limitations for a controlled environment and uncontrolled environments less than 1.0% of the allowable ANSI limit is reached at 2.0 meters above the ground at the base of the tower.

Since this level for controlled and uncontrolled environments is less than the 5% limit defined §1.1307(b)(3)(i) of the Commission's rules, the proposed W258CF antenna system is believed to be in compliance with the radio frequency radiation exposure limits, as required by the Federal Communications Commission. Further, Johnson Road will post warning signs in the vicinity of the tower warning of potential radio frequency radiation hazards at the site. In addition, Johnson Road 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

---

2) This level of field occurs at 598.4 meters out from the base of the tower and is considered worst case.