

MINOR CHANGE APPLICATION
IDAHO WIRELESS CORPORATION
KZBQ (FM) RADIO STATION
CH 230C0 - 93.9 MHz - 100 kW - ND
POCATELLO, IDAHO
October 2013

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

The proposed KZBQ antenna will be mounted with its center of radiation 46.5 meters (152.6 feet) above the ground and will operate with an effective radiated power of 100.0 kilowatts in the horizontal and vertical planes (circularly polarized) and will utilize a Jampro JSCP 8 bay full wavelength spaced antenna (FCC Type 2). At 2.0 meters above the base on the tower, the height of an average person, the KZBQ antenna system will contribute 0.003106 mw/cm². Based on exposure limitations for a controlled environment, 0.3% of the allowable limit is reached at 2.0 meters above the ground at the base of the tower. For uncontrolled environments, 1.6% of the allowable 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 5.0% of the limit defined by the Commission in §1.1307(b)(3)(i) of the Commission's rules, the proposed KZBQ

antenna system is believed to be in compliance with the radio frequency radiation exposure limits, as required by the Federal Communications Commission. Further, Idaho Wireless will verify that warning signs have been posted in the vicinity of the tower warning of potential radio frequency radiation hazards at the site. In addition, Idaho Wireless 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