Environmental Compliance
WNYN-FM Whitefield, NH
FCC Form 301
October 9, 2015

This proposal has been evaluated with respect to RF radiation exposure guidelines contained in ANSI Standard OET Bulletin 65, edition 97-01, along with Supplement A (Edition 97-01) regarding additional information for Radio and Television Broadcast Stations.

For the FM band, the MPE limit for general population/uncontrolled exposure is 0.2 mW/cm^2 and the limit for occupational exposure is 1 mW/cm^2.

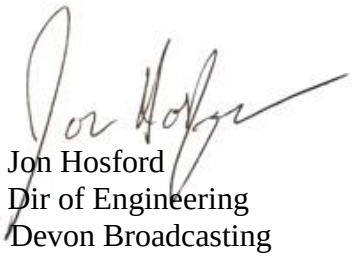
Worst case estimates were used for figures 6 thru 15, supplement A, Section 2. In each case, with a proposed Effective Radiated Power of 0.645kW horizontal and vertical (total of 1.29kW) at the Center of Radiation of 85 meters above ground using a Shively 1 bay antenna, it was found that the proposed facility was within ANSI limits.

The results from the FM Model program used by the Commission show the highest power density would be 0.00092 uW/cm^2 at a distance of 85.8 Meters from the antenna at the ground.

While this obviously meets the public exposure limits, it also represents well less than a %5 contribution of the total rf level at ground level caused by other FM facilities, a full power TV station and numerous other cellular and microwave antennas. This is also a slight reduction in the current ERP which will result in less rf at ground level than the present facility.

This application is submitted to satisfy section 73.1690(b)(2) of the Commission's rules due to the existing tower being replaced at the same location. No other changes other than a slight reduction in ERP for WNYN-FM are proposed.

The licensee, Devon Broadcasting certifies that it will cooperate with tower personnel and other users of the tower to either reduce power to safe operating levels, or cease transmissions while maintenance is performed on the tower.



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