

**MINOR CHANGE APPLICATION**  
**MODIFICATION TO BNPH-20110623AAF**  
**CODCOMM, INC.**  
**WKFY (FM) RADIO STATION**  
**CH 254A - 98.7 MHz - 3.2 kW**  
**EAST HARWICH, MASSACHUSETTS**  
**December 2012**

**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 stations and utilizes the appropriate formulas contained in the OET Bulletin.

The proposed WKFY antenna is to be mounted with its center of radiation 16.8 meters (55.0) above the ground and will operate with an effective radiated power of 3.2 kilowatts in the horizontal and vertical planes (circularly polarized). WKFY will utilize a Shively 6813 series two bay, half wavelength antenna. At 2.0 meters above the base of the tower, the height of an average person, the WKFY antenna system will contribute  $0.0822 \text{ mw/cm}^2$ .<sup>1</sup> Based on exposure limitations for a controlled environment, 8.2% of the allowable limit is reached at 2.0 meters above the ground at the base of the tower. For uncontrolled environments, 41.1% of the allowable limit is reached at 2.0 meters above the ground at the base of the tower.

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1) This level of field occurs at 26.0 meters out from the base of the tower and is considered worst case.

Since this level for controlled and uncontrolled environments is less than the 100% limit defined by the Commission, the proposed WKFY antenna system facility is believed to be in compliance with the radio frequency radiation exposure limits, as required by the Federal Communications Commission. Further, Codcomm 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, Codcomm 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