

## **Request for Waiver of 2<sup>nd</sup> Adjacent Channel Spacing Requirement**

The applicant proposes to operate on channel 96.7 MHz – channel 244. Two licensed broadcast facilities are short spaced with regard to the LPFM rules:

- WHUR – channel 246
- WASH – channel 242

With regard to both channels have performed a signal ratio analysis consistent with the separation requirements under §74.1204 for each station.

With regard to WHUR, the calculated F (50, 50) field strength is 94.462 dBu at the proposed site, Using the 40 dB ration specified under §74.1204 (a) (3) the pertinent interference contour of the proposed LPFM is 134.462 dBu.

With regard to WASH, the calculated F (50, 50) field strength is 94.654 dBu at the proposed site, Using the 40 dB ration specified under §74.1204 (a) (3) the pertinent interference contour of the proposed LPFM is 134.654 dBu.

Operating at an ERP of 20 watts, based on the HAAT of the antenna at 68 meters, the proposed LPFM signal strength at 134.462 will extend a maximum of 6 meters from the transmitting antenna. The antenna will be mounted a minimum of 6 meters above an office building and will be protected fully in compliance with the provisions of §74.1204(c).