

Environmental Impact & RFR Compliance Statement

FM translator W213AM will be located at an existing communications site that is in compliance with all requirements of Section 1.1307 of the Commission's rules.

The modification of W213AM proposes to locate at geographical coordinates 41 29 19 / 73 56 53, and will operate with an ERP of .010 kW, circular, directional, 8 meters COR AGL. For a worst case estimation, at 2 meters AGL at the base of the tower the RFR is 9.3% of the general population/uncontrolled MPE limit.

WSPK (LIC), is located at geographical coordinates 41 29 19 / 73 56 52, .02 km from the proposed location of W213AM. WSPK operates with 7.4 kW ERP (circular), 68 meters COR AGL. WSPK indicates in its license renewal application (BRH-20060201BDV) that at 2 meters AGL at the base of their tower the RFR is 34.2% of the general population/uncontrolled MPE limit.

WTBY DTV CH 27 is located at geographical coordinates 41 29 20 / 73 56 53, .03 km from the proposed location of W213AM. WTBY operates with 800 kW ERP, 53.5 meters COR AGL. For a worst case estimation, at 2 meters AGL at the base of their tower the RFR is 27.4% of the general population/uncontrolled MPE limit.

WRNN DTV CH 48 is located at geographical coordinates 41 29 18 / 73 56 56, .08 km from the proposed location of W213AM. WRNN operates with 950 kW ERP, 92.7 meters COR AGL. For a worst case estimation, at 2 meters AGL at the base of their tower the RFR is 8.5% of the general population/uncontrolled MPE limit.

Assuming a further worst case of all of the above facilities on the same tower as W213AM, the combined RFR is 79.4% of the general population/uncontrolled MPE limit. Therefore, the addition of W213AM to the site will not result in RFR exceeding the general population/uncontrolled MPE limit at the site.

RFR hazard warning signs are posted at the site. The Applicant certifies that in cooperation with other users of the site, all authorized personnel will be protected from RFR exposure in excess of FCC guidelines while accessing any controlled exposure area, including the tower, by either reducing power or ceasing operations, and information pertaining to the contact representative of the facility will be posted.