

RF HAZARD STATEMENT
TELEVISION STATION WMBC DTS2
NEWTON, NEW JERSEY
CHANNEL 18 90 KW (MAX-DA) 309 M

The management of the Empire State Building strictly controls the accessible roof and ledge areas of the building. The proposed antenna will be mounted between the 82nd and 84th floors. With the combination of horizontal and elevation pattern suppression, the proposed facility is expected to result in less than 1% of the public exposure limit to the 86th floor observation deck area. The 81st floor ledge in the area below the proposed antenna location is considered to be a controlled environment for the purposes of RF exposure evaluation. The proposed antenna has a very low downward radiation that will result in minimal radio frequency (RF) energy on the 81st floor ledge. However, when RF levels exceed the FCC limits for exposure at any locations on the building roofs and ledges, access to these locations shall be restricted. RF exposure measurements shall be conducted on the roof and ledge areas to the extent necessary to verify continued compliance with the FCC limits to human exposure to RF energy. The strict work rules in place concerning access to the Empire State Building roofs and ledges shall continue; and the applicant shall cooperate in implementation of the work rules. Therefore, the proposal complies with the FCC limits for human exposure to RF radiation and it is categorically excluded from environmental processing.