

**W292DV STA
WAIVER REQUEST 74.1204**

This engineering statement is prepared on behalf of Apple 107.1, inc..

Apple is requesting a waiver for section 74.1204 of the rules towards Fm station WQXR-FM . The signal level arriving at the proposed site of Apple STA site is a 92.7 DBU (50,50) and the translators interfering contour is 40 DBU (50,10) which together would be 132.7 DBU (50,10). See attached contour map.

Using the undesired-to desired method for the purpose of determining lack of interference for an fm translator. The proposed interfering contour with respect to FM station WQXR-FM is 132.7 DBU (free space contour method employed). This means that the 132.7 DBU interfering signal would, in the worst case at maximum radial extend 3 meter from center of radiation, which is proposed at 208 meters a.g.l and 21 meters above top floor population area.. The antenna will be located above roof top above mechanical elevator rooms and cooling towers .

The interference contour of 3 meter begins at 205 meters a.g.l. and 21 meters above top floor where offices and population ends.. This interfering contour does not touch ground or any population in building. Apple is respectfully requesting a waiver.

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