

W211AI, STAMFORD, CT

ENGINEERING NARRATIVE ASSOCIATED WITH MOVE TO ASR #1045792

FEBRUARY, 2020

- 1) W211AI REBROADCASTS OFF-AIR WSHU-FM'S HD2 PROGRAMMING. AS A NON COMMERCIAL FM TRANSLATOR, W211AI IS NOT REQUIRED TO BE A FILL-IN ONLY TRANSLATOR FACILITY.
- 2) TABLE I IS A 74.1204 ALLOCATION TABULATION. WITH RESPECT TO NOTE #2, PLEASE SEE FIGURE 3 WHICH DEPICTS THE PRESENT AND PROPOSED INTERFERING CONTOURS WITH RESPECT TO THIRD ADJACENT STATION WFUV. THE WFUV SIGNAL STRENGTH AT THE PRESENTLY LICENSED W211AI SITE IS 69.8 DBU AND THE ACCOMPANYING TRANSLATOR INTERFERING CONTOUR IS 109.8 DBU, WHICH ENCOMPASSES 4,356 PERSONS. THE WFUV SIGNAL STRENGTH AT THE PROPOSED W211AI SITE IS 68.9 DBU AND THE ACCOMPANYING TRANSLATOR INTERFERING CONTOUR IS 108.9 DBU, WHICH ENCOMPASSES 1,329 PERSONS. SINCE THERE IS A REDUCTION OF 3,027 PERSONS WITHIN THESE INTERFERING CONTOURS, NO ADDITIONAL SHOWINGS ARE BELIEVED NECESSARY.
- 3) FIGURE 2 IS A 74.1204 MAPPING WHICH DEPICTS THE ONE INVOLVED FIRST ADJACENT FACILITY, WWPT, CH 212A, WESTPORT, CT. THE WWPT 60 DBU COVERAGE CONTOUR IS SHOWN ON THIS MAPPING TO BE CLEARED BY THE PROPOSED W211AI 54 DBU INTERFERING CONTOUR. BOTH CONTOURS ARE DEPICTED ON THE BASIS OF 1 DEGREE INTERVALS IN THE INTEREST OF ACCURACY UTILIZING COMSTUDY 3 SECOND TERRAIN DATA WHICH CLOSELY CORRESPONDS WITH THE FCC'S 30 SECOND DATABASE.

NOTES:

The HAAT based on 12 evenly spaced radials is 60 meters using the FCC online HAAT calculator.

The RC AMSL on the draft copy is showing as 0 meters instead of 91.4 meters