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TORRINGTON COMMUNITY RADIO FOUNDATION, INC.
WAPJ(FM) – 210A – TORRINGTON, CT
APPLICATION FOR MINOR CHANGE CONSTRUCTION PERMIT
EXHIBIT 18

The corrected site coordinates were used to conduct a search of the F.C.C. CDBS for potential prohibited contour overlap. Four FM facilities were identified that required detailed study. The four stations are:

WFGB(FM) – 209B – Kingston, NY – Facility ID 60896

WQTQ(FM) – 210A – Hartford, CT – Facility ID 26311

WSUF(FM) – 210B1 – Noyack, NY – Facility ID 58516

WNPR(FM) – 213B – Meriden, CT – Facility ID 13627

The protected and interfering contours from the proposed operation of WAPJ(FM) and each of the four facilities listed above were calculated and plotted on the attached Figure 1.

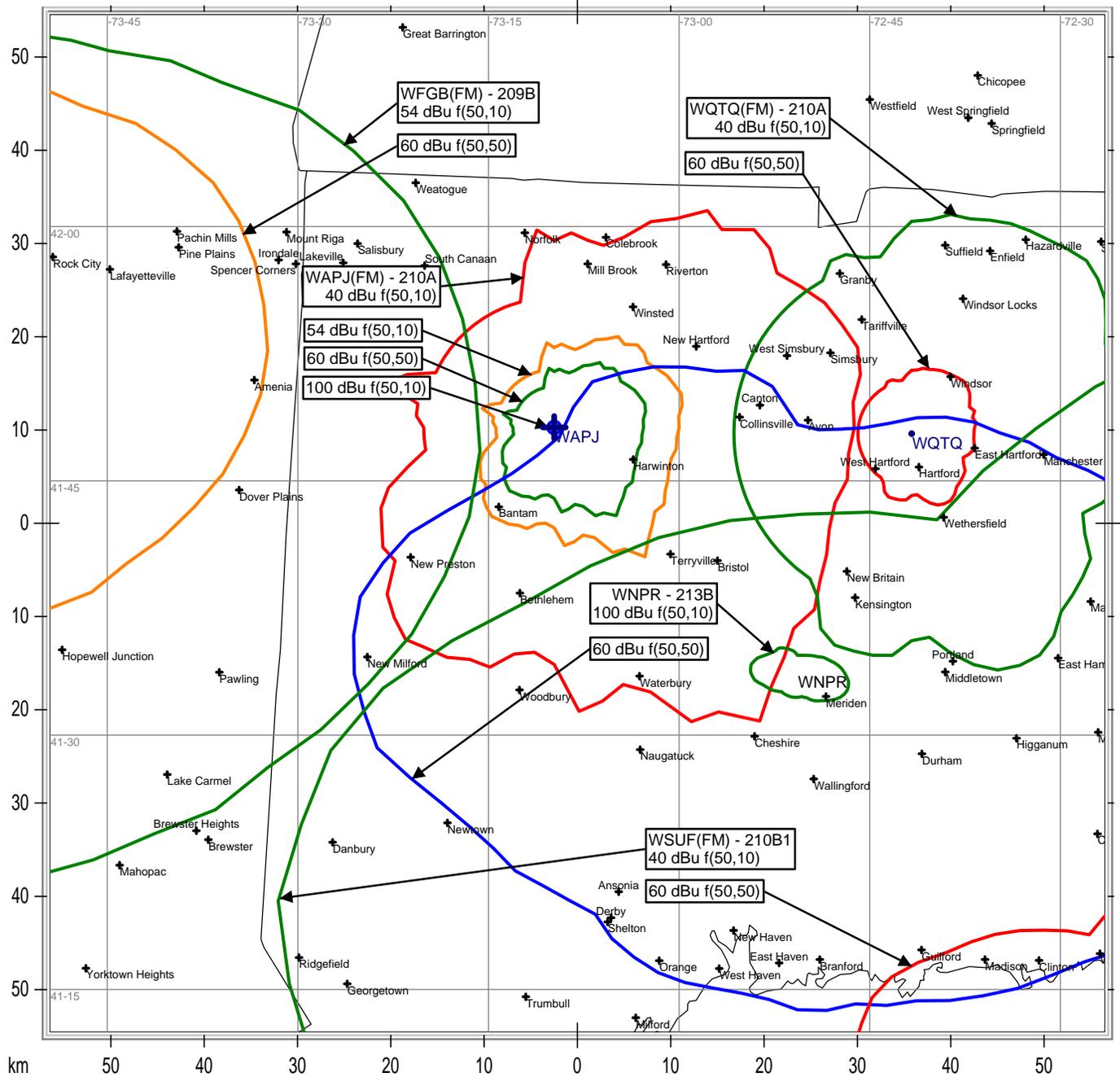
No prohibited contour overlap with WFGB(FM) occurs because the proposed 54 dBu f(50,10) contour does not overlap the WFGB(FM) 60 dBu f(50,50) contour and the WFGB(FM) 54 dBu f(50,10) contour does not overlap the proposed 60 dBu f(50,50) contour.

No prohibited contour overlap with WQTQ(FM) occurs because the proposed 40 dBu f(50,10) contour does not overlap the WQTQ(FM) 60 dBu f(50,50) contour and the WQTQ(FM) 40 dBu f(50,10) contour does not overlap the proposed 60 dBu f(50,50) contour.

No prohibited contour overlap with WSUF(FM) occurs because the proposed 40 dBu f(50,10) contour does not overlap the WSUF(FM) 60 dBu f(50,50) contour and the WSUF(FM) 40 dBu f(50,10) contour does not overlap the proposed 60 dBu f(50,50) contour.

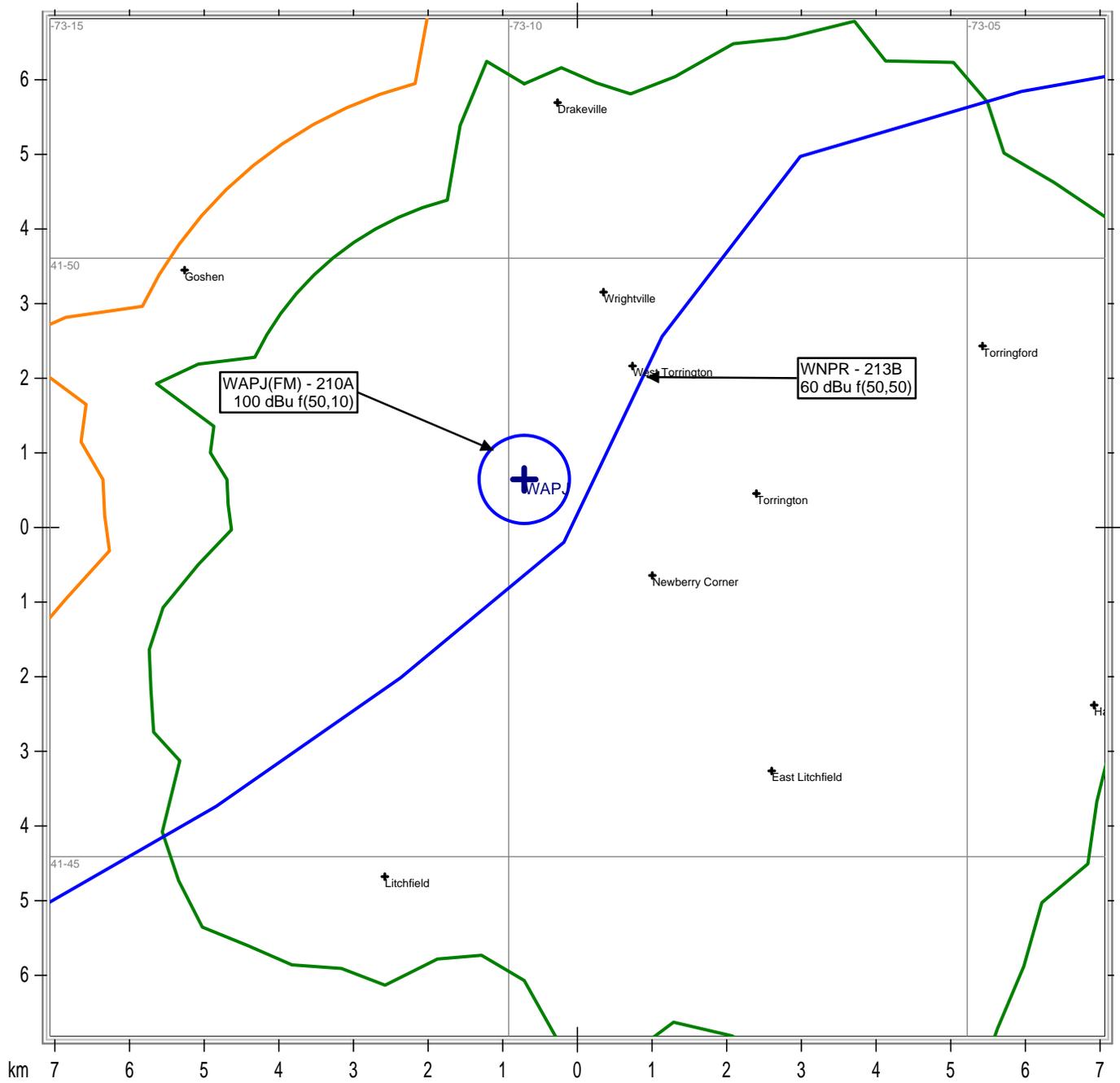
No prohibited contour overlap with WNPR(FM) occurs because the proposed 100 dBu f(50,10) contour does not overlap the WNPR(FM) 60 dBu f(50,50) contour and the WNPR(FM) 100 dBu f(50,10) contour does not overlap the proposed 60 dBu f(50,50) contour. (See expanded detail in Figure 2)

WAPJ(FM) - 210A - TORRINGTON, CT



State Borders Lat/Lon Grid

WAPJ(FM) - 210A - TORRINGTON, CT



State Borders Lat/Lon Grid