

Minor CP Modification for W273CN (Facility ID 156144)

License File No. BLFT-20160128BDO ♦ CP File No. 185533

Technical Statement

Overview

This application proposes a minor change to the above-captioned Construction Permit. From the licensed site, it proposes an ERP increase, height reduction, and DA modification.

74.1204 Study

The following facilities were considered.

| Call Sign | C | ST | City | Freq. ▼ | ERP | Class | Status | D |
|---------------|---|----|-----------------|---------|---------|-------|--------|--------|
| WFAN-FM | 1 | NY | NEW YORK | 101.9 | 6200.0 | B | LIC | 70.75 |
| WAQY | 1 | MA | SPRINGFIELD | 102.1 | 17000.0 | B | LIC | 112.42 |
| WKBR-LP | 1 | NY | TOWN OF HIGHLAN | 102.3 | 100.0 | LP100 | LIC | 25.89 |
| W272DO | 2 | CT | NEW HAVEN | 102.3 | 250.0 | D | LIC | 42.01 |
| WBAB | 1 | NY | BABYLON | 102.3 | 6000.0 | A | LIC | 50.07 |
| W273CN LIC | 1 | CT | WESTPORT | 102.5 | 150.0 | D | LIC | 0.00 |
| W273CN CP MOD | 6 | CT | WESTPORT | 102.5 | 250.0 | D | CP MOD | 0.00 |
| WHVC | 1 | NY | RHINEBECK | 102.5 | 1350.0 | A | LIC | 80.26 |
| WBAZ | 1 | NY | BRIDGEHAMPTON | 102.5 | 4800.0 | A | LIC | 97.51 |
| WNEW-FM | 1 | NY | NEW YORK | 102.7 | 6000.0 | B | LIC | 70.75 |
| WDRC-FM | 1 | CT | HARTFORD | 102.9 | 19540.0 | B | LIC | 62.17 |

Figures 1 and 2 illustrate the absence of prohibited overlap between the proposed interfering contour and the pertinent service contours of each of the other facilities.

Key: Same colors may not overlap.

Environmental Considerations

The proposed antenna will be mounted on an existing pole with no new construction. RFR compliance was determined through the use of the Commission's online FM Model program, as shown in Figure 3.

Respectfully submitted,



Dennis Jackson
October 16, 2022

Figure 1 – Section 74.1204 Study

No prohibited overlap is created.

Key: same colors may not overlap.

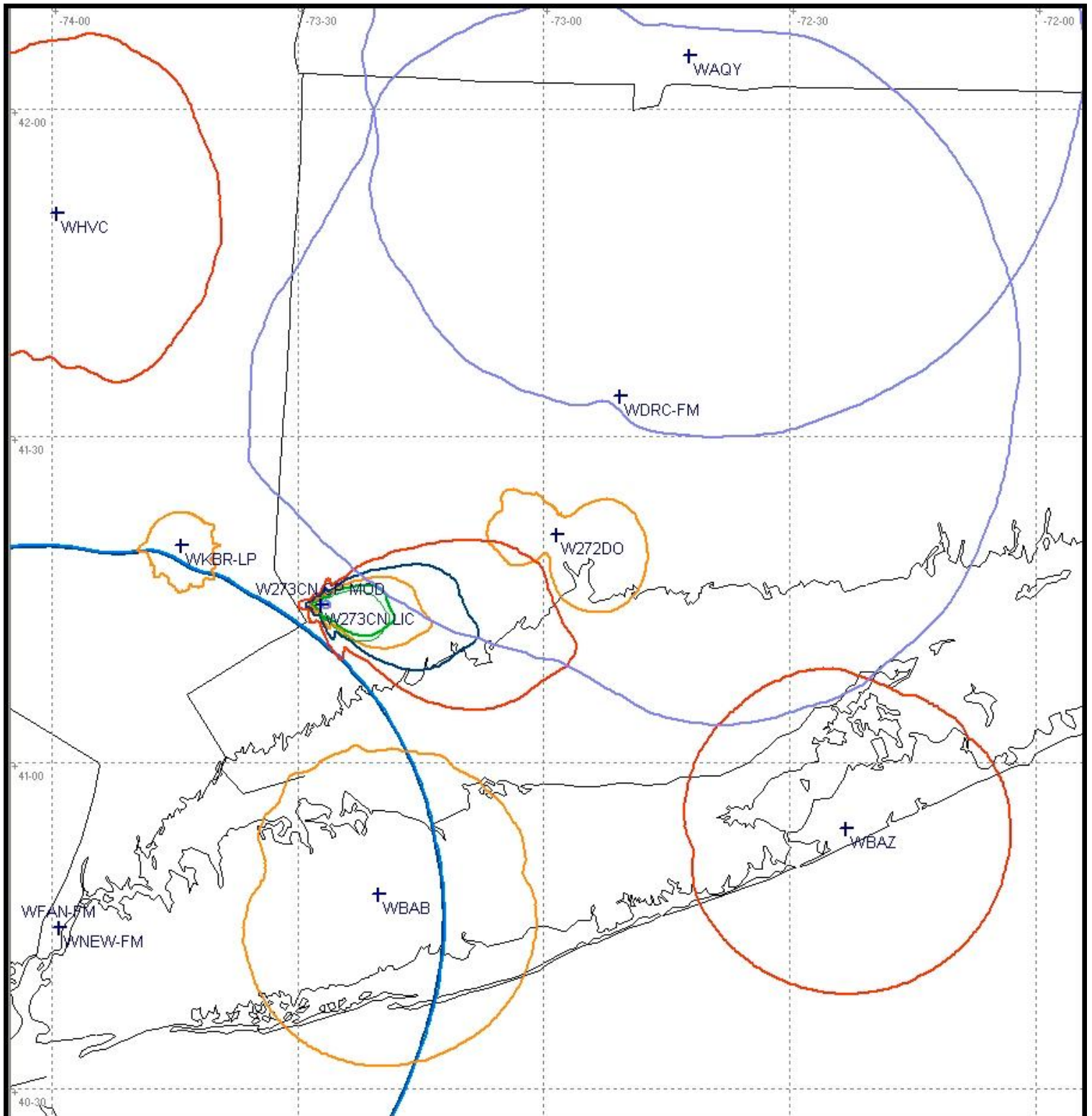


Figure 2 – Section 74.1204 Study Closeup

Proposed 48 dBu Interfering Contour does not overlap

WNEW-FM 54 dBu Service Contour (both dark blue.)

Proposed Service Contour (green) overlaps licensed Service Contour (thin green)

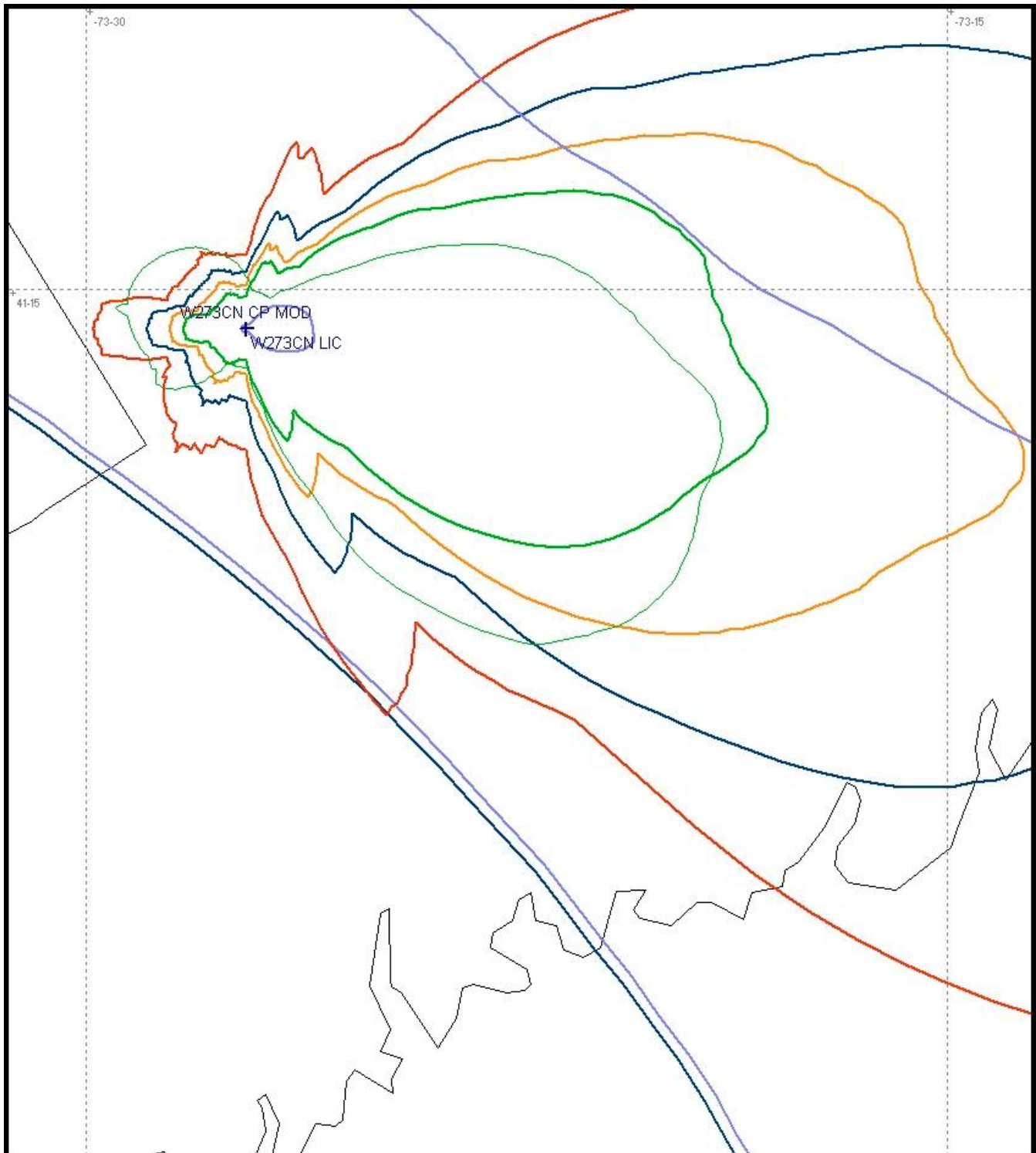


Figure 3 - RFR Compliance

The proposed facility creates only 32.2% of the uncontrolled MPE limit.

The antenna is on a roof that is locked and inaccessible to the general public.

**The applicant will reduce power or cease operation in order
to protect workers from exposure in excess of OET guidelines..**

