

## **Exhibit 17**

### **Quaboag Hills Public Radio, Inc. Minor Change to WJZZ(FM) at North Salem, NY on Channel 211 (90.1 mHz.)**

**Has: 0.440 kW DA H-only at -13 meters HAAT (File No. BMPED-20111213ACY)  
Proposes 0.440 kW DA (H + V) at -13 meters HAAT**

## **TECHNICAL STATEMENT**

The only change being proposed in this application is the addition of vertical polarization to horizontal. The following is unchanged from prior granted application as amended.

### **Section 73.509 Allocation Study**

The proposed facility was studied with respect to all potential interferees and interferors. Figures 1 and 2 depict the applicable service and interfering contours of all pertinent stations. Contours which are not permitted to overlap under 73.509 are depicted in same colors. For example, the 60 dBu F(50,50) service contour from the proposed minor modification to WJZZ and the 40 dBu F(50,10) interfering contour of co-channel WMFU are both depicted in green. As illustrated, no prohibited overlap will be created by the proposed facility as herein amended. The elimination of overlap from WMFU (formerly WXHD) noted in the staff letter of January 13, 2012 is illustrated in Figure 2B (closeup) with WMFU and proposed WJZZ contours calculated in 1 degree increments.

### **TV Channel 6 Protection**

The only full power TV or Class A LPTV stations on Channel 6 within 196 km. of the proposed WJZZ on Channel 211 are WEDY-DT at New Haven, CT, WRGB at Schenectady, NY, and WNYZ-LP at New York, NY.

As shown in Figure 3, the interfering contour from the proposed WJZZ facility falls outside the 47 dBu service contour of any of these three TV Channel 6 facilities. Hence, the proposed WJZZ interfering contour is 67.3 dBu F(50,10). (47 dBu + 20.3 dB from 73.599 Figure 1.)

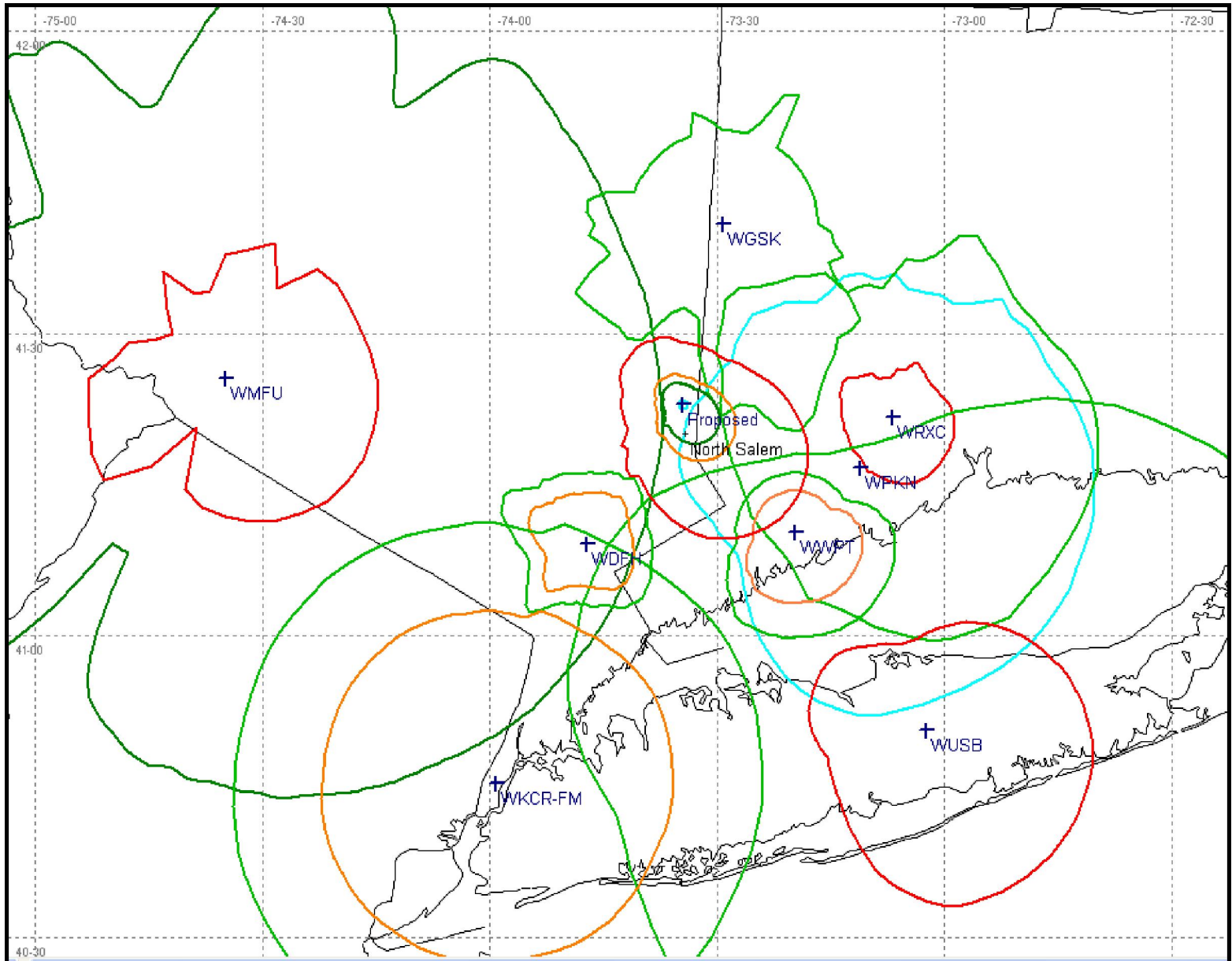
### **Environmental Considerations**

The applicant proposes to mount its antenna on an existing pole with the center of radiation 11 meters above ground level without increasing the overall height. Therefore, this proposal will have no environmental impact other than RFR exposure.

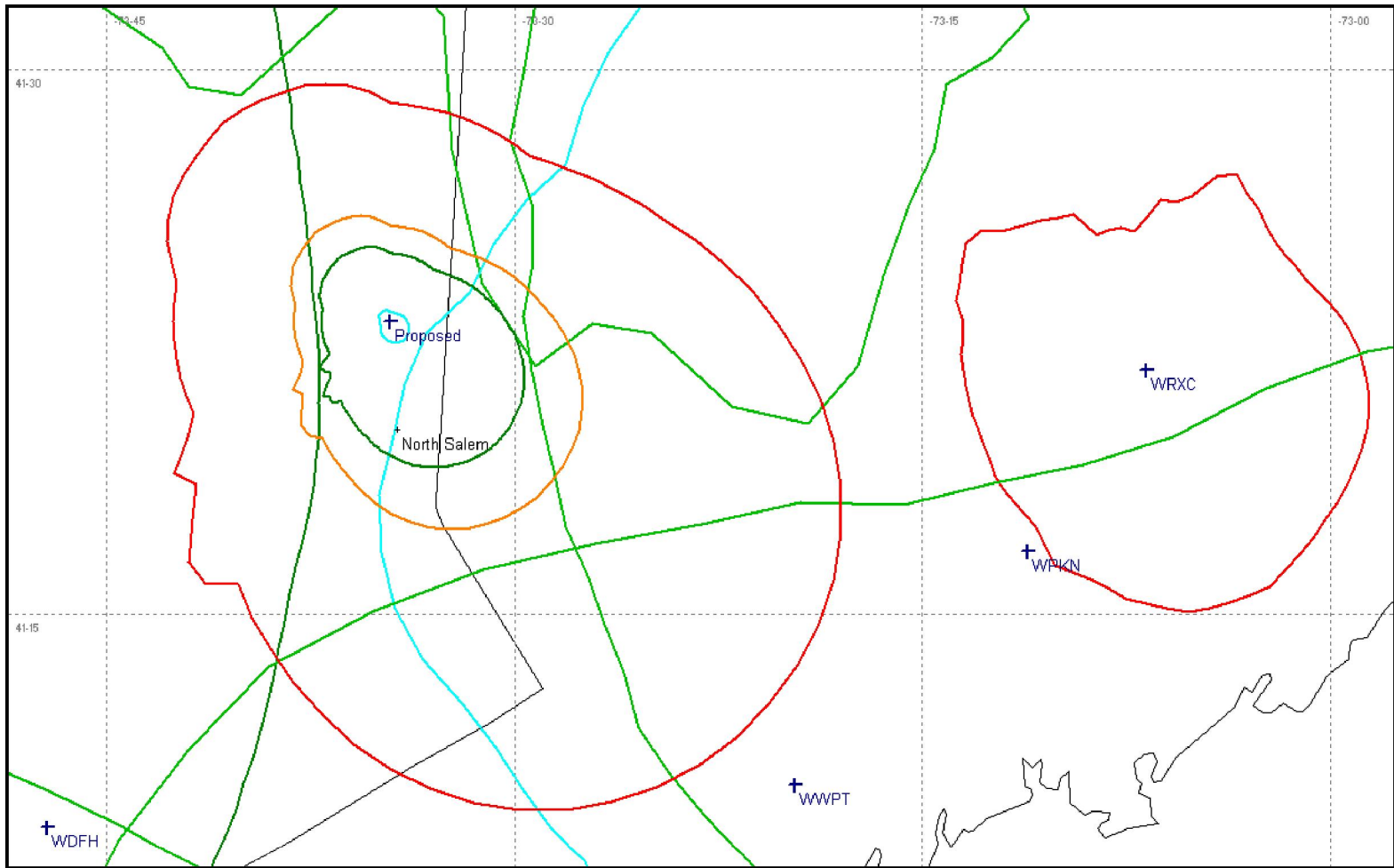
Compliance with RFR exposure rules was established using the RF worksheets in Worksheet #7 of Form 340 Instructions.

The applicant will reduce power or cease operation as to protect persons having access to the site, pole, or antenna from RFR exposure in excess of FCC guidelines.

**Figure 1 – Allocation Study for Proposed WJZZ**

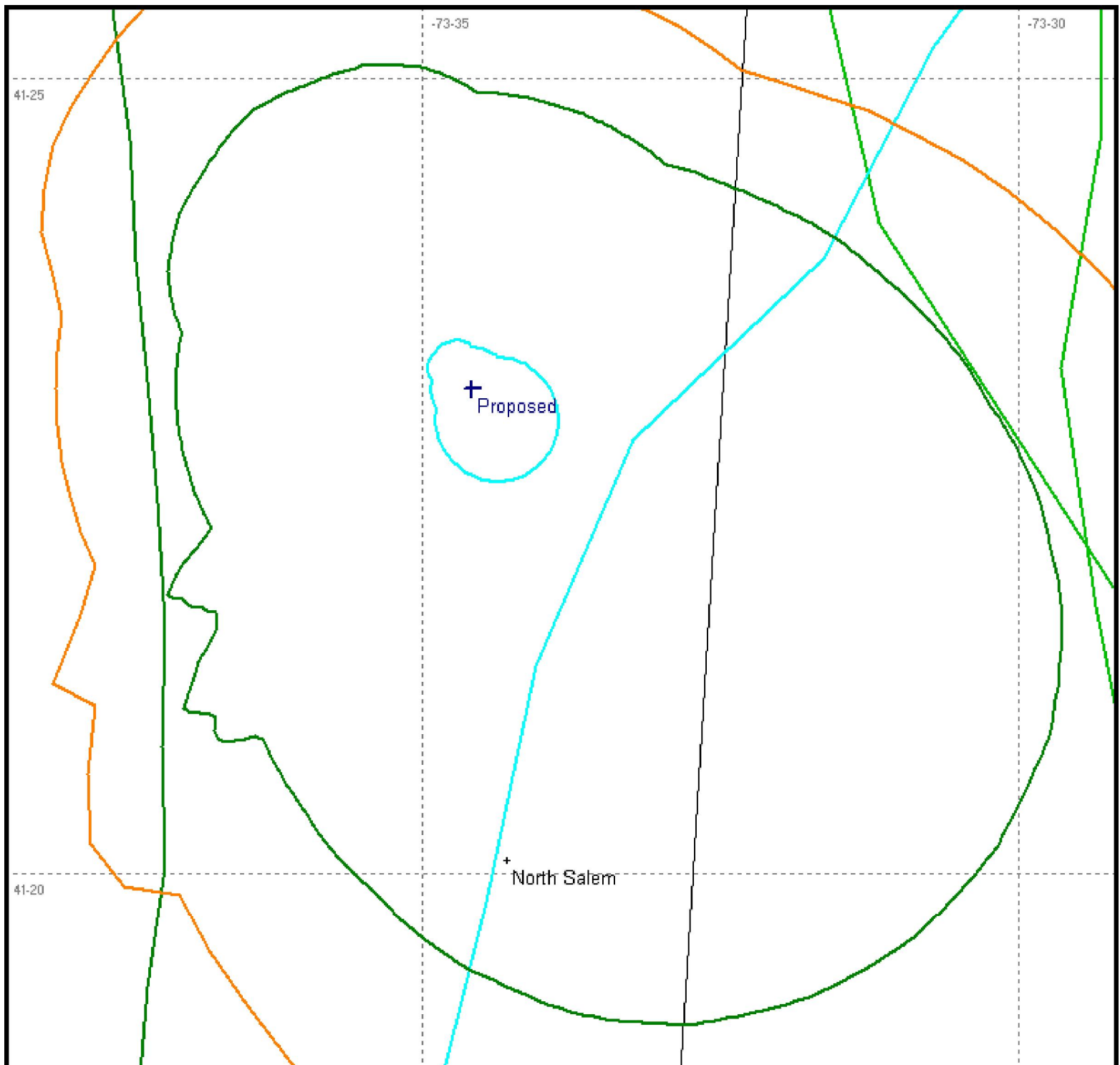


**Figure 2A – Closeup Allocation Study for Proposed WJZZ,  
and WMFU, WGSK, WRXC, all on Channel 211, and WPKN on Channel 208**



**Figure 2B – Closeup Allocation Study for Proposed WJZZ  
and WMFU (formerly WXHD) in Mount Hope, NY  
(BLED-19950306KD)**

**Overlap from WMFU interfering contour in violation of Section 73.509  
as noted in staff letter of January 13, 2012 has been eliminated.**



### **Figure 3 – TV Channel 6 Study**

