

TECHNICAL EXHIBIT
MINOR CHANGE APPLICATION FOR
CLASS A TV STATION WBXN-CA (FACILITY ID 70419)
NEW ORLEANS, LOUISIANA
CH 18 2.3 KW (MAX-DA)

Technical Narrative

This Technical Exhibit supports a minor change application for Class A television station WBXN-CA. Station WBXN-CA is licensed to operate on analog channel 18 with a directional antenna maximum (visual) effective radiated power (ERP) of 5 kW and an antenna height above mean sea level (RCAMSL) of 305 meters (BLTTA-20040525AGO).

Proposed Facilities

This application proposes an operation on the current channel (18), using the same PSI PSILP24BF directional antenna but at a new transmitter site. The proposed transmitter site (29-54-22 N, 90-02-22 W) is located 2.1 kilometers southwest of the current site. It is proposed to operate with the PSI PSILP24BF antenna oriented at 336° degrees True, with a maximum ERP of 2.3 kW and antenna RCAMSL of 263.8 meters is proposed. It is proposed to operate on the existing WWL-TV tower which has an FCC Tower Registration Number of 1220144.

Figure 1 is a map showing the licensed and proposed 74 dBu coverage contours. As can be seen on the map, there is common area where both contours overlap. In addition, since WBXN-CA is a Class A station, the proposed contour is completely within the authorized analog contour, complying with the current FCC Freeze.

Allocation Considerations

A study has been conducted to assure that the proposal will not create prohibited interference with other licensed, authorized or pending analog or digital TV, LPTV/translator and Class A TV stations. Using the procedures outlined in the FCC's OET-69 Bulletin, a 1 kilometer grid and 1990 U.S. Census, the proposal complies with the current FCC policy (i.e., less than 0.5% new interference caused to other pertinent assignments). If necessary, a waiver of the FCC rules is respectfully requested based on use of the procedures outlined in the FCC's OET-69 Bulletin.

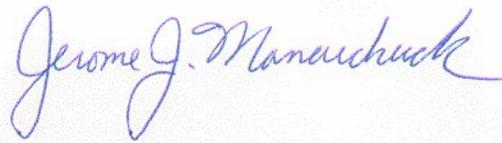
The applicant understands that it must correct and/or eliminate prohibited interference that may result from its proposed operation.

Radiofrequency Electromagnetic Field Exposure

The proposed WBXN-CA facilities were evaluated in terms of potential radio frequency (RF) energy exposure at ground level to workers and the general public. The radiation center for the proposed antenna is located 263.5 meters above ground level. The proposed ERP is 2.3 kW. Based on a conservative downward relative field of 1.0, the calculated power density at a point 2 meters (6.6 feet) above ground level will not exceed 0.0006 mW/cm^2 , which is less than 5% of the FCC's recommended limit of 0.33 mW/cm^2 for channel 18 for an "uncontrolled" environment.

Access to the transmitting site will be restricted and appropriately marked with warning signs. In the event that workers or other authorized personnel enter restricted areas or climb the tower, appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the stations are at reduced power or shut down.

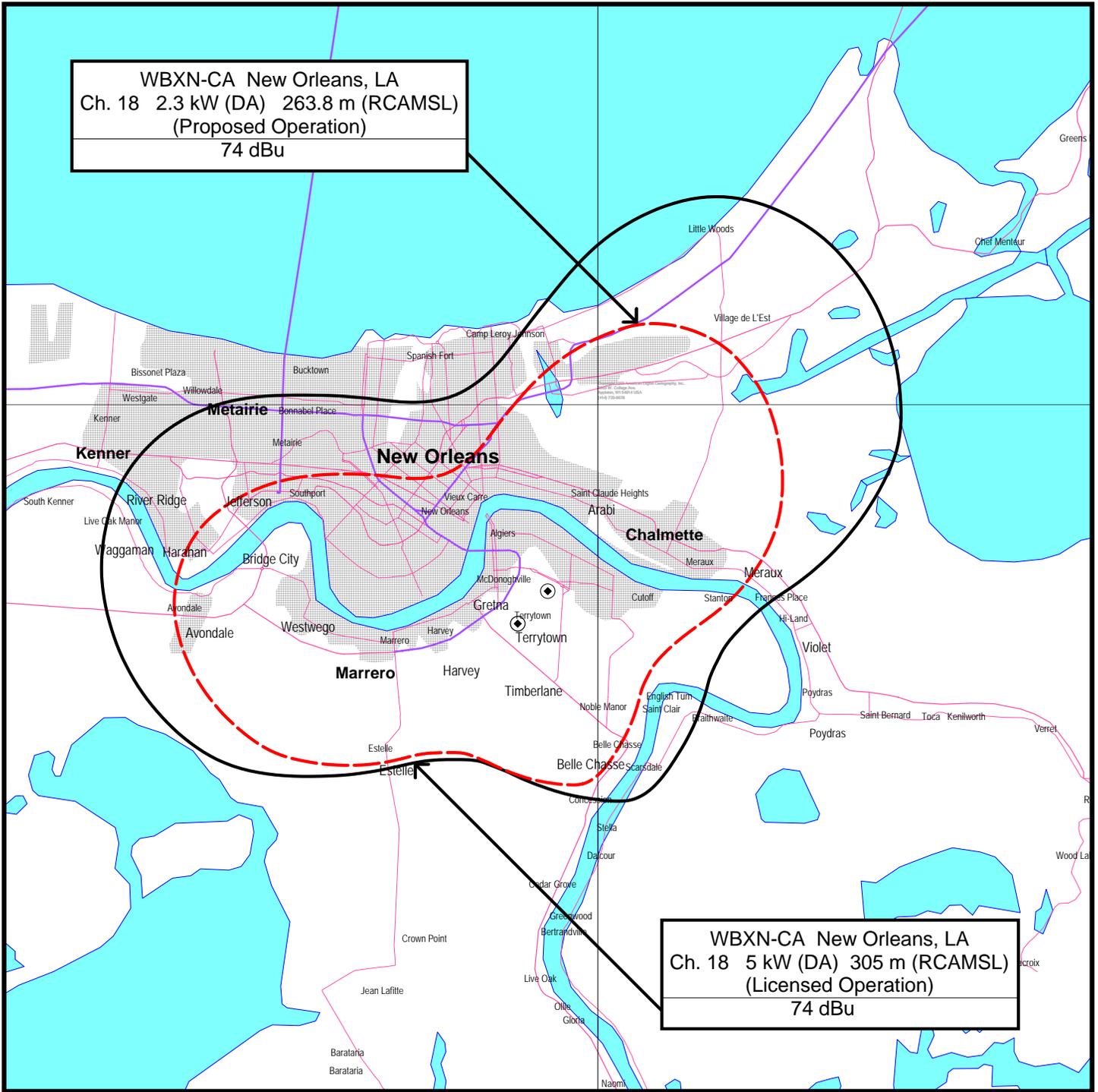
It is noted that this statement only addresses the potential for radiofrequency electromagnetic field exposure. All other aspects of the environmental processing analysis will be or already have been provided to the FCC by the tower owner as part of the tower registration process.



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FCC PREDICTED COVERAGE CONTOURS

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