

Exhibit 24 - Statement A
NATURE OF THE PROPOSAL
ALLOCATION CONSIDERATIONS

prepared for
WMAL, Inc.
WRQX(FM) Washington, D.C.
Facility ID 73252
Ch. 297B 19.5 kW 246.2 m

WMAL, Inc. (“*WMAL*”) is the licensee of FM station WRQX(FM), Washington, D.C. *WMAL* proposes herein to relocate the main WRQX antenna from its current side mounted location to a new panel antenna atop the same, existing tower.

A new multi-user non-directional FM panel antenna has been installed on the current WRQX tower structure, Antenna Structure Registration number 1051670. The new FM panel antenna has been mounted such that no change in the antenna structure’s overall height is required to implement the instant proposal. The antenna system vertical plane (elevation) relative field pattern is provided in **Exhibit 29 – Figure 1** with a tabulation of the data provided in **Exhibit 29 – Table 1**

Effective Radiated Power Considerations

WRQX has operated from its current transmitter location since 1972. The currently authorized facility (BLH-19910826KB) of 34 kilowatts effective radiated power (“ERP”) at 184 meters height above average terrain (“HAAT”) provides a distance to the 1 mV/m contour of 52.5 kilometers. This is equivalent to the former Class B maximum facilities of 50 kilowatts ERP at 500 feet (152.4 meters) HAAT, and exceeds the present maximum Class B facility (50 kW ERP/150 m HAAT) as established under Section 73.211(b).

Since WRQX is currently authorized to operate with an ERP/HAAT combination in excess of the current Class B maximum facilities and was authorized prior to March 1, 1984 to operate at this higher power level¹, operation of the proposed facility at the ERP/HAAT

¹ In 1978, WRQX filed an application (see BPH-780717AI) for an increase in effective radiated power to 35.5 kilowatts ERP at 590.1 feet HAAT (179.9 meters). The Commission granted this application (see BLH-19791012AB) authorizing operation at 36 kilowatts ERP at 590.1 feet which produced a 1 mV/m contour distance of 52.7 kilometers.

combination of 19.5 kilowatts ERP at 246.2 meters HAAT² which produces a distance of 52.5 kilometers to the 1 mV/m contour (with no change in site location) is appropriate pursuant to Section 73.211(c) of the FCC Rules.

Allocation Considerations

The instant proposal specifies an increase in antenna height for WRQX at the existing transmitter site. The proposed WRQX antenna will employ an ERP/HAAT combination equivalent to the authorized WRQX operation. Thus, the distance to the 1 mV/m contour will remain unchanged, and due to the increase in HAAT and reduction in ERP the various interfering contour distances will not increase. The distance to existing short spaced stations WFSI(FM), Ch. 300B, Annapolis, Maryland, WJFK-FM, Ch. 294B, Manassas, Virginia, WTOP-FM, Ch. 299B, Warrenton, Virginia, and WBBT-FM, Ch. 297A, Powhatan, Virginia remain unchanged. Note that WBBT-FM requested and was granted processing under the provisions of Section 73.215 of the FCC Rules (BLH-19990629KB). Further, WBBT-FM has been authorized to relocate its transmitter to a new site which is fully spaced to the existing WRQX site (BPH-20010307AAJ). Therefore, the underlying allocation for WRQX does not change. Since no change in transmitter site is proposed for WRQX, no detailed allocation study is believed necessary.

The nearest FCC monitoring station is at Laurel, Maryland, at a distance of 32.7 km from the proposed site. The proposed WRQX facility is predicted to produce a signal level of approximately 3 mV/m over the Laurel monitoring station. This signal level is below the level specified in Section 73.1030(c)(2) that would suggest consideration of the monitoring station. It is also believed that coordination is not required pursuant to Section 73.1030(c)(iii) and 73.1030(c)(iv) of the Rules. The proposed site is also located outside the area specified in §73.1030(a)(1). Thus, notification of the instant proposal to the National Radio Astronomy Observatory at Green Bank, West Virginia, is not required. Further, there are no AM broadcast stations within 3.2 km (2 miles) of the WRQX site, according to information extracted from the Commission's engineering database.

² The antenna HAAT was determined using terrain data on-file for the WRQX facility.