

# Radiotechniques

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402 Tenth Ave. • PO Box 367 • Haddon Heights, NJ 08035-0367

Exhibit 13 (Amended)  
Engineering Report  
WATB, Decatur, GA  
Interference Reduction Agreement  
Way Broadcasting Licensee, LLC  
Amended May 2004

This report has been prepared in support of a minor change application and this instant amendment for WATB, Decatur, GA, to change frequency from 1420 kHz to 1430 kHz, increase power day and night, and utilize a different directional antenna daytime and nondirectional antenna night. Changes included in this amendment are to change the daytime directional antenna to better fit on the property, and provide improved coverage. These changes are made possible by additional ground conductivity measurement data on WATB and on WFHK, Pell City, AL.

Way Broadcasting Licensee, LLC, licensee of WATB has entered into an interference reduction agreement with Multicultural Radio Broadcasting Licensee, LLC, licensee of WGFS, Covington GA, to change the WATB frequency to the one presently occupied by WGFS. For the facilities proposed for WATB to operate, the WGFS facilities must be vacated. The licensee of WGFS has applied to change the WGFS frequency to 1220 kHz during the recent window application period. In the case that the WGFS application has not been granted by the time that WATB must file its license, Multicultural Radio Broadcasting Licensee, LLC has agreed to discontinue operations and surrender the WGFS license. Way Broadcasting Licensee, LLC, and Multicultural Radio Broadcasting Licensee, LLC, are co-owned.

This application proposes no interference or normally prohibited overlap with other stations daytime. Daytime there will be elimination of substantial mutual interference between WGFS and WATB. WATB presently causes 153.4 sq km of normally prohibited overlap to WGFS and receives 277.6 sq km of overlap from WGFS. This overlap will be eliminated.

The licensed facilities of WATB also causes 57.9 sq km of overlap to first adjacent channel station WKKP, and receives 247.23 sq km of normally prohibited overlap from it. This overlap will be eliminated by implementing the proposed facilities. These areas of interference are shown in Exhibit 13 Figure 1 and 2 of this application.

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The licensed facilities of WATB receive co-channel interference from the licensed facilities of co-channel stations WLET, Toccoa, GA and WRCG, Columbus, GA. The area of overlap of the WLET 0.025 mV/m and the WATB 0.5 mV/m contour is 1266.4 sq km and with WRCG is 571.7 sq km. These areas of overlap will be eliminated by implementing the proposed facilities. These areas of interference are shown in Exhibit 13 Figure 2 of this application.

The deletion of the present night facilities of WATB will reduce the 25% night interference free limit of WQBC by removing the 2.378 mV/m limit produced by the licensed night facilities of WATB.

Nighttime, there will also be a small reduction of interference in the 25% limit to stations WRTH and WXNT from that presently caused by WGFS, as detailed in a note in Exhibit 15 Figure 2 of this application. The interference caused by WGFS is transferred to this proposal, and reduced.

In summary, 1838.1 sq km of co-channel normally prohibited daytime overlap will be eliminated, and 736.1 sq km of first adjacent normally prohibited daytime overlap will be eliminated, the night interference of WQBC from WATB will be eliminated, the night limit to WRTH of 1.732 mV/m will be reduced to 1.725 mV/m and the night limit to WXNT will be reduced from 1.980 mV/m to 1.898 mV/m.