

FEDERAL COMMUNICATIONS COMMISSION
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August 6, 2012

Margaret L. Miller
Dow Lohnes PLLC
1200 New Hampshire Avenue, NW
Suite 800
Washington, DC 20036

In re: Request for Experimental
Authority
Newark Public Radio, Inc.
WBGO(FM), Newark, New Jersey
Facility ID No.: 48699

Dear Ms. Miller:


The staff has under consideration the request received on July 19, 2012, for experimental authority to permit FM station WBGO(FM) to conduct testing of single sideband multiplex stereo transmission. The experimental authority is requested pursuant to 47 C.F.R. § 73.1510 for a period of one year.

The letter request states that WBGO(FM) is seeking a one-year experimental authorization to operate with a technology developed by Omnia Audio known as single sideband suppressed carrier (SSBSC) modulation of the stereo subcarrier in the FM multiplex baseband signal. The purpose of the experiment is to test whether multipath interference can be reduced through a reduction of occupied bandwidth and sideband pairs of the modulated carrier.

Accordingly, the requested experimental authority described above IS HEREBY GRANTED. This authority is specifically conditioned on the lack of objectionable interference. A report detailing the methodology employed and the results obtained must be submitted within **ninety** days following the

conclusion of the experimental operation pursuant to 47 C.F.R. § 73.1510(d). This experimental authority expires on **August 6, 2013**. Any request for extension of this authority should be filed at least thirty days prior to this expiration date. **Additionally, such a request must include an interim version of the aforementioned report that details the progress of the experimental program as of the filing date.**

Sincerely,


Jerome J. Manarchuck
Audio Division
Media Bureau