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October 12, 2011

John W. Bagwell, Esquire
Lerman Senter PLLC
2000 K St. NW
Washington, DC 20006

In re: Request for Experimental
Authority
Greater Boston Radio, Inc.
WMJX(FM), Boston, Massachusetts
Facility ID No.: 25052

Dear Counsel:


The staff has under consideration the request received on October 11, 2011, for experimental authority to permit FM station WMJX(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 180 days.

The letter request from Greater Boston Radio, Inc. states that the results of such testing will be of significant value to the broadcast industry as it investigates the possible use of single sideband multiplex transmission to reduce the susceptibility of FM stereo transmissions to multipath interference, provide better protection to the IBOC digital carriers as well as more conventional FM SCA subcarriers, and potentially result in the improvement of signal to noise ratios in future FM receivers which are optimized for this mode of transmission. The testing will be done in cooperation with a subcommittee of the National Radio Systems Committee and there will be no changes to the WMJX(FM) licensed operation aside from operating with single sideband suppressed carrier modulation.

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 **April 9, 2012**. 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