



International Bureau

Federal Communications Commission
Washington, DC 20554

July 14, 2005

Mr. William Bailey
Senior Vice President, Regulatory and
Government Affairs
XM Radio Inc.
1500 Eckington Place, NE
Washington, DC 2002-2194

Re: Request for Special Temporary Authority to Operate In-Store Signal Boosters in the Satellite Digital Audio Radio Service (IBFS No. SAT-STA-20050601-00113)

Dear Mr. Bailey:

On June 1, 2005, XM Radio Inc. ("XM Radio") filed a request for special temporary authority ("STA") to operate up to 5,000 in-store signal boosters at retail outlets in conjunction with Sirius Satellite Radio Inc. ("Sirius").¹ In order to provide a complete record, additional information regarding the deployment of already-authorized² and proposed in-store boosters is required.

Specifically, XM Radio's STA request states that an additional 5,000 in-store boosters are needed in order to "meet the increased demand for deployment of boosters in additional retail outlets,"³ but it does not state the rate of utilization of the 5,000 in-store boosters that are already operating pursuant to an STA. The rate of utilization of already authorized in-store boosters is germane to determining whether the public interest would be served by the grant of additional in-store boosters. Therefore, we ask XM Radio to provide this information.

In addition, XM Radio states that the additional boosters will include both the design previously authorized by the Commission as well as a new design, which will be

¹ Request for Special Temporary Authority to Operate In-Store Signal Boosters in the Satellite Digital Audio Radio Service, IBFS No. SAT-STA-20050601-00113 (filed June 1, 2005) ("XM Radio STA Request").

² XM Radio was previously granted an STA to operate an aggregate of 5,000 in-store signal boosters together with Sirius. See *XM Radio Inc. Request for Special Temporary Authority to Operate In-Store Signal Boosters in the Satellite Digital Radio Service*, IBFS No. SAT-STA-20030409-00076 (grant stamp, with conditions, issued on June 26, 2003), application for renewal pending.

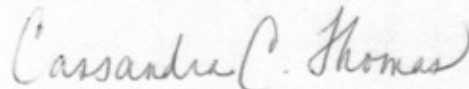
³ XM Radio STA Request at 1.

substantially similar to those already approved, with one exception. The new boosters will require only one receive antenna, instead of two, for both the XM Radio and Sirius signals.⁴ XM Radio's request does not state what percentage of the additional boosters will be of the new design and what percentage will be of the old design, nor does it state whether any of the already-authorized boosters will be replaced with this new design. We ask XM Radio to provide this information.

Finally, we ask that XM Radio indicate what the total number of in-store boosters will be deployed pursuant to STAs if the most recent application is granted (*i.e.*, the number of existing boosters already deployed, plus the number of new boosters that will be deployed).

We ask that XM Radio provide the information requested herein within 15 days from the date of this letter. Upon receipt of the requested information, we will incorporate it into XM Radio's STA request. If you have any questions regarding this letter, please contact JoAnn Lucanik (202-418-0873) or Stephen Duall (202-418-1103) of my staff.

Sincerely,



Cassandra C. Thomas
Deputy Chief,
Satellite Division

cc: Bruce Jacobs
David Konczal
Pillsbury Winthrop Shaw Pittman

⁴ XM Radio STA Request at 2.