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Federal Communications Commission
Bureau / Office

July 11, 2008

BY HAND DELIVERY

Mr. James R. Burtle, Chief
Experimental Licensing Branch
Electromagnetic Compatibility Division
Office of Engineering and Technology
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

RE: Spectrum Bridge Inc.
FCC File Number 0133-EX-PL-2008, Call Sign WE2XQS

Dear Mr. Burtle:

On behalf of XM Radio Inc. ("XM"), we are writing to request further technical information concerning the experimental license referenced above. XM is a licensee in the Satellite Digital Audio Radio service, and operates its satellite radio system in the 2.3 GHz frequency band – using frequencies immediately adjacent to one of the bands covered in the Spectrum Bridge experimental license.

We have been monitoring the Spectrum Bridge application since it was filed because of our concern that the proposed experimental operations might create out-of-band emissions that could interfere with reception of signals by XM's subscribers. We are unable to determine the likelihood of interference with any certainty, because Spectrum Bridge has failed to provide adequate technical information regarding its intended operations, despite the fact that this information is clearly required by Question 7(a) of Form 442¹ and was expressly requested by Commission staff.²

Following initial grant of the license, on June 27 we attempted to contact the representatives of Spectrum Bridge listed in the company's application materials to request

¹ The form specifies that applicants must submit "a narrative statement describing in detail" the "complete program of research and experimentation proposed including description of equipment and theory of operation."

² See e-mail dated April 2, 2008 from Jose Trevino of OET to Rick Rotondo of Spectrum Bridge.

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further technical information (in particular specifications related to out-of-band emissions) and a 24-hour contact number in case XM experienced interference due to Spectrum Bridge's operations. Spectrum Bridge did not return our calls. We also contacted OET staff to seek their assistance in obtaining the same information. The FCC's database showed that the Spectrum Bridge license was temporarily set aside, but has since been reinstated. However, to XM's knowledge, Spectrum Bridge has never provided the Commission with the necessary information regarding out-of-band emissions.

We hereby request that Spectrum Bridge be instructed to make a showing that its operations will not cause harmful interference into XM's satellite radio system. Specifically, we ask that Spectrum Bridge submit a demonstration regarding whether its operations in the 2305-2320 and 2345-2360 MHz frequencies will meet the out-of-band emissions limits set forth in Part 27 of the Federal Communications Commission's rules, which are designed to protect satellite radio operations. We also ask that Spectrum Bridge be required to supply 24-hour contact information, as previously requested, to ensure that any harmful interference XM customers experience can be immediately corrected.

If any questions arise in connection with this matter, please contact the undersigned.

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'K. Hastings', with a long horizontal flourish extending to the right.

Karis A. Hastings
Kimberly S. Reindl
Counsel for XM Radio Inc.

cc: Jose Trevino, FCC
Rick Rotondo, Spectrum Bridge
Jeffrey Schmidt, Spectrum Bridge