

From: James Blitz

To: Doug Young
Date: March 30, 2020

Subject: Request for Info - File # 0159-EX-CR-2020

Message:

Applicant:
Sirius XM Radio Inc.
File Number:
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Correspondence Reference Number:
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Sirius XM Response to Correspondence:
Date: March 30, 2020

The experimental authority issued under Call Sign WI2XJC continues to play an important role in allowing Sirius XM to address interference to satellite radio subscribers from terrestrial wireless transmissions, which is an ongoing and evolving problem. The experimental license allows Sirius XM to test new repeater equipment collocated at sites used by AT&T for its Wireless Communications Service ("WCS") operations in the spectrum immediately adjacent to the licensed Sirius XM band. The impact of WCS transmissions on reception of the Sirius XM signal depends on a wide range of factors that vary by location and other conditions. By evaluating prototype repeater models in cooperation with AT&T, at locations where the new models can also provide commercial service, Sirius XM is able to get real-time feedback from customers to help assess the effectiveness of new repeater designs in different interference scenarios. This information is essential to allow refinement of the repeater characteristics while models are still in development, improving Sirius XM's ability to minimize disruptive interference to its tens of millions of subscribers.

Additional details regarding the repeater testing and development program can be found in the exhibits attached to File Nos. 0066-EX-CM-2018 & 0304-EX-PL-2016.

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