From: Blitz, James
To: Anne Cortez
Subject: RE: request for coordination of operations for 1194-EX-ST-2019
Date: Monday, August 26, 2019 12:24:58 PM

Anne – Sirius XM does not have any objection to this proposal. Thank you.

Jim Blitz
Sirius XM Radio/Pandora

From: Anne Cortez [mailto:alc@conspecinternational.com]
Sent: Friday, August 23, 2019 12:22 PM
To: Blitz, James <James.Blitz@siriusxm.com>
Cc: Jim Ortega <james.e.ortega@raytheon.com>
Subject: request for coordination of operations for 1194-EX-ST-2019
Importance: High

Hi Jim,

At the request of the FCC, I am writing to request coordination from Sirius/XM for the proposed operations of Raytheon Missile Systems Near Field Radar Cross Section Testing, which is the subject of pending STA application 1194-EX-ST-2019.

The proposed testing is at a radar cross section range. The details of the proposed operations are in the exhibit, which I have attached. Please keep this document confidential within your company.

As you will see in the attachment, the pulsewidth of the radar signal is only 40 nanoseconds. This means that the radar signal will step quickly through the Sirius/XM band in less than a microsecond.

The propose operations are subject to a government contract which requires use of the whole band from 2-18 GHz. It is not possible to deliver on the contract if we carve out spectrum. Knowing that, Raytheon has tried to design the experiment in such a way as to avoid any possibility of harmful interference to any other spectrum licensees.

Not only is the time of use very short, but the area of operations selected is on a remote, restricted part of the secure plant site, far away from any public areas.

Once you have had a chance to review the attached exhibit, please contact me if you have any further concerns or questions.

We look forward to working with you through this coordination process.

Thank you very much.

Anne Cortez, Esq.
On behalf of Raytheon Missile Systems

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