

Hemple, Steven

From: Londono, Jaime <Jaime.Londono@echostar.com>
Sent: Tuesday, February 28, 2017 1:51 PM
To: Hemple, Steven
Cc: Parkoff, Seth
Subject: RE: Letter of Consent for Experimental License

Dear Steven,

EchoStar has completed its review of the FCC experimental license application 0253-EX-CN-2016 filed by Viasat. EchoStar had some initial concerns with regards to the tests being performed utilizing CW carriers and the potential interference this could cause to DTH customers terminals in the 12.2-12.7 GHz band in the vicinity of the proposed transmit location. However following the review of application the details, EchoStar hereby grants its consent provided the following conditions are met:

- o The test are performed in accordance with the transmission parameters as detailed in the above referenced license application including a) the low transmit power level, b) the performance of the 1.2m transmit antenna size and its on-axis and off-axis performance, and c) the specified fixed pointing of the antennas.
- o EchoStar understands that the duration of the tests will be for a period of 24 months.
- o In the unlikely event that interference is experienced by a DTH customer receiving transmissions from an EchoStar satellite, Viasat will immediately cease all test being performed under this license upon notification by EchoStar. ViaSat may commence the testing once a resolution is found for the interference, which shall be agreed to by EchoStar and ViaSat.

Please feel free to contact me with any questions.

Best regards,

Jaime Londono

VP Advanced Programs and
Spectrum Management

EchoStar Satellite Services L.L.C.