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**Federal Communications Commission
International Bureau
445 12th Street, S.W.
Washington, D.C. 20554**

15 February 2017

Subject: Engineering Certification of SES Americom, Inc. for the AMC-16 Satellite

To whom it may concern,

This letter confirms that SES is aware that Thales Avionics, Inc., licensed by the Federal Communications Commission ("FCC") as Thales Avionics, Inc. ("Thales"), is seeking FCC a blanket authorization to operate technically identical conventional Ka-band transmit/receive remote terminals pursuant to ITU RR 5.526 and the Commission's current framework for the Ka band. Thales seeks authority for Thales Avionics, Inc.'s new remote terminals to communicate with the AMC-16 satellite at 85° W.L., according to the Commission's precedent for Ka band aeronautical applications.

Based upon the contents of the application (we understand that Thales will seek a new blanket authorization) and the representations made to SES by Thales concerning how it will operate on AMC-16 according to its letter dated February 10, 2017:

- SES certifies that it has completed coordination as required under the FCC's rules and that the power density levels specified by Thales are consistent with any existing coordination agreements to which SES is a party with adjacent satellite operators within +/- 6 degrees of orbital separation from AMC-16.
- If the FCC authorizes the operations proposed by Thales, SES will include the power density levels specified by Thales in all future satellite network coordination with other operators of satellites adjacent to AMC-16.

SES has also reviewed the discussion in the applications regarding the off-axis EIRP density of Thales antennas communicating with AMC-16 in directions other than along the GSO plane. SES is of the view that the non-compliant emissions would not create interference to Ka-band geostationary satellites.

Yours Sincerely,



Kimberly M. Baum