



May 29, 2015

VIA IBFS

Marlene H. Dortch, Secretary
Federal Communications Commission
445 Twelfth Street, SW
Washington, DC 20554

Re: Supplement to Hughes Network Systems, LLC Modification Application – SAT-MOD-20141210-00127; Call Sign S2834

Dear Ms. Dortch:

Hughes Network Systems, LLC (“Hughes”) hereby supplements its application – IBFS File No. SAT-MOD-20141210-00127 to clarify the power flux density (“PFD”) limits provided in the Schedule S and the Technical Information to Supplement Schedule S (“Technical Exhibit”) of the application. The PFD calculation in Section A.7 of the Technical Exhibit was done for an elevation of 90 degrees which corresponds to the lowest spreading loss between the space station and the surface of the earth. The lowest spreading loss means the highest possible PFD. This calculation resulted in a maximum PFD of -121.1 dBW/m²/MHz. However, item K of the S8 tab in the Schedule S shows the maximum PFD at a 25 degree elevation angle which results in a PFD of -121.8 dBW/m²/MHz. The decreased PFD is a function of having more spreading loss at a 25 degree elevation angle versus a 90 degree elevation angle.

Please contact the undersigned with any questions.

Sincerely,

/s/ Jennifer A. Manner
Jennifer A. Manner
Vice President, Regulatory Affairs
Hughes Network Systems, LLC
11717 Exploration Lane
Germantown, MD 20876
(301)428-5893

cc: Kathryn Medley (FCC)
Stephen Duall (FCC)