



October 4, 2017

*By Electronic Filing*

Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, SW, Room 1-A836  
Washington, D.C. 20554

**Re: Hughes Network Systems, LLC,  
IBFS File No. SAT-LOA-20170621-00092 (Call Sign S3017)**

Dear Ms. Dortch:

Following a request from the International Bureau<sup>1</sup>, Hughes Network Systems LLC (“Hughes”) files this erratum, providing additional information on the application of Hughes for authority to launch and operate the HNS 95W satellite, a Ka-band and Q/V-band geostationary orbit fixed-service satellite at the 95.2° W.L. orbital location<sup>2</sup>. This information provides clarification on the power level at the boresight of the single isoline map representing the combination of all HNS 95W spot beams.

In the Amendment to the HNS 95W Application,<sup>3</sup> a single isoline map representing the combination of all spot beams that was submitted in the Schedule S. For the purposes of this isoline map, it should be considered that the transmit Equivalent Isotropic Radiated Power (“EIRP”) at the boresight will take the maximum value of **65.1 dBW**.

Using this metric, the Transmit EIRP at the -4 dB contour, as depicted in the isoline map already submitted (shown below), should take a value of **61.1 dBW**.

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<sup>1</sup> Request made via phone calls with Kathryn Medley on September 21 and 26, 2017.

<sup>2</sup> See Hughes Application for HNS 95W space station, IBFS File No. SAT-LOA-20170621-00092 (filed June 21, 2017).

<sup>3</sup> Add file number



**Figure 1.** Single isoline map at -4 dB.

Please contact the undersigned if you have any questions.

Sincerely,

/s/ Fernando Carrillo

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cc: Kathryn Medley  
Stephen Duall