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BY ELECTRONIC FILING

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

Re: DIRECTV Enterprises, LLC, Application for Earth Station Authorization
in Bakersfield, CA, IBFS File No. SES-LIC-20151113-00843, Call Sign
E150138

Dear Ms. Dortch:

DIRECTV Enterprises, LLC (“DIRECTV”) files this letter to respond to questions from Federal Communications Commission (“FCC” or “Commission”) staff regarding the above-referenced earth station application.

First, the FCC requested information on the antenna transmit gains at 25 GHz and 28.5 GHz. The transmit gain at 25 GHz is 67.1 dBi, and at 28.5 GHz is 68.8 dBi.

Second, the FCC requested confirmation that the earth station will comply with Section 25.138(a) of the Commission’s rules, 47 C.F.R. § 25.138(a). The proposed antenna is compliant with Section 25.209 of the FCC’s rules, 47 C.F.R. § 25.209, and the input power density into the antenna is less than -10.43 dBW/40 kHz. Specifically, the maximum transmit power is 80 dBW/36 MHz, so the input power density into the antenna is $80 - 68.8 - 10 \cdot \log(36 \text{ MHz}/40 \text{ kHz}) = -18.3 \text{ dBW}/40 \text{ kHz}$, and therefore compliant with Section 25.138(a).

Finally, FCC staff sought clarification on the listing of two “Other” points of communication in item E21 of the Schedule B. These “Other” points of communication should not be included in the pending application.



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If you have any questions, please do not hesitate to contact me.

Best regards,

/s/ Jennifer D. Hindin

Jennifer D. Hindin

Counsel for DIRECTV Enterprises, LLC

cc: Paul Blais
Trang Nguyen