

To: Steven Hemple  
E-Mail: steven.hemple@viasat.com  
From: Leann Nguyen  
Date: April 23, 2021

Subject: Request for Info - File # 0264-EX-ST-2021

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Message:

Below is the International Bureau requests

() Please provide the co-polarized gain (dbi), plus and minus from 0 to 10 degrees, 0 to 45 degrees, and 0 to 180 degrees with FCC 25.209 envelop, in the azimuth and elevation planes, at the center frequency band of 28.6-29.1 GHz for the Viasat Global Aero Terminal (GAT) 5530 antenna.

() If the GAT antenna pattern does not lie below the FCC 25.209, please 1) address how the non-conforming antenna and non-conforming operation would not cause harmful interference to and can be shared with other satellite system operating in the 28.6-29.1 GHz, or 2) please address the method (such as reduce gain, power, EIRP ) to make the patterns complying with the rule and then submit the complying emission pattern with FCC 25.209 envelop.

() Does Viasat plan to conduct test at all Skew angle from 0 to 90 for Viasat Global Aero Terminal (GAT) 5530 antenna?

() Please provide the manufacture specification and certification of the KA-band Viasat Global Aero Terminal (GAT) 5530 antenna.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of April 23, 2021 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

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