

To: Steven Hemple
E-Mail: steven.hemple@viasat.com
From: Leann Nguyen
Date: May 12, 2017

Subject: Request for Info - File # 0264-EX-CN-2017

Message:

Please provide the following information:

- International Bureau (IB) worst-case analysis shows that this test terminal with an altitude of 40 feet (12.2 meters) would exceed the EPDF limit set in RR 22.5D (-162 dB(W/m²), 100% of the time in a 40-kHz referenced bandwidth. ViaSat needs to be aware that IB is processing several NGSO applications that will operate at low earth orbit (LEO) in the uplink 27.5-30 GHz band.

In Exhibit A, last section title "RF Radiation Compliance", it states that the maximum power from the terminal will be 0.31 W ERP; however, the Form 442 indicates a 5 W ERP. Can Viasat please confirm the ERP value being request?

- Is the CW signal being swept through a frequency ranges or is the signal being transmitted in incremental steps throughout a frequency range?

Please provide the frequency ranges and how the CW signal is being transmitted in this test.

-Can the transmit terminal is pointed below the horizon?

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 May 12, 2017 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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