

To: Nick Spina
E-Mail: nspina@keplercommunications.com
From: Behnam Ghaffari
Date: July 01, 2019

Subject: 1129-EX-ST-2019

Message:

- 1) Please demonstrate that your proposed operations in the 14.1875-14.3125 GHz frequency band via Kepler Communications Inc. (Kepler)'s NGSO satellites will be in compliance with the equivalent power Flux-density limit (-160 dBW/m²/40 KHz) in Article 22.5D of the ITU Radio Regulations (see Annex B of O3b Limited's epfd demonstration in experimental application (File NO.0712-EX-ST-2019) for reference).
- 2) Please provide the detail calculation, data/number/value and formula that used to calculate the EPFD for the 14.1875-14.3125 GHz frequency band, emissions (125M01W) and its associated powers (3.4MW (ERP)).
- 3) Please certify that your proposed operations and communication between earth stations (user terminals) and satellites are in compliance with all existing and future coordination agreements between Canada and other administrations. In the absence of a coordination agreement, such communications must comport with applicable provisions of the ITU Radio Regulations.

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 July 01, 2019 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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