

To: Tim Cloonan
E-Mail: tim@digisatintl.com
From: Hung Le
Date: December 15, 2021

Subject: Request for Info - File # 0891-EX-CN-2021

Message:

Please provide the following information:

() Applicant indicated that the proposed operations at the 29750 MHz band will meet the equivalent power Flux-density levels limit (-162 dBW/m² in 40 kHz bandwidth) in the Table 22-2 of Article 22, Section II, of the ITU radio Regulations. Please provide the following uplink information that used to conduct in the EPFD calculation:

- a. a maximum input power spectral density (dBW/40kHz and dBW/4kHz) for earth station,
- b. the minimum separation angle between the NGSO orbit and the GSO arc (degrees),
- c. the off-axis gain (dBi) (32-25log(?)) transmitting from earth station),
- d. the off-axis EIRP density towards the GSO (dBW/40kHz and dBW/4kHz),
- e. the spreading loss
- f. the minimum elevation angle from centered around Melbourne,FL- NL 28-04-37; WL 80-49-08 to the GSO orbit/ satellite

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 December 15, 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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