

From: Scott Waller

To: Leann Nguyen

Date: April 14, 2021

Subject: Request for Info - File # 0033-EX-CN-2021

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Message:

A document has been uploaded that provides answers to all questions under ref number 61060.

Short summary of the answers:

- 1) This experimental request is solely for the operation of 100 devices that will transmit to the satellite (which is the space-based gateway in this setup).
- 2) There is no Lacuna terrestrial gateway station, the LS-4 space stations are the "space-based gateways" for this setup. As discussed in mail correspondence with FCC, no satellite-to-ground transmissions within US territory are requested under this experimental license.
- 3) The data is forwarded via satellite ground stations located in other countries outside US territory, using S-band connections. This part of the overall system is not part of the experimental request.
- 4) Pass times are calculated on the device.
- 5) The interference analysis is in our opinion out of scope of this experimental request, since the ITU interference guide covers satellite-to-ground transmissions only.

Since some confusion was caused by nomenclature in older revisions of attachments to this experimental request, we again request to delete

- Narrative submitted on 01/21/2021 (uploaded 5 times)
- Additional Information.pdf from 02/05/2021