

To: G. Peter Carr
E-Mail: peter.carr@disneyresearch.com
From: Doug Young
Date: November 17, 2016

Subject: Request for info - STA File #1570-EX-ST-2016

Message:

Please address the issues below raised by the FCC's International Bureau's Satellite Division:

Our analysis indicates that there may be a potential aggregate interference from the 100 unit devices in the 3700-4200 MHz but we will need more information to finalize our study.

- 1a) Will all 30 devices located in California operate simultaneously and transmit all the time?
- 1b) Will all 70 devices located in Florida operate simultaneously and transmit all the time?

- 2a) What is the maximum device antenna altitude for California?
- 2b) What is the maximum device antenna altitude for Florida?

- 3a) What is a typical antenna altitude in California?
- 3b) What is a typical antenna altitude in Florida?

- 4a) Will all the devices operate close to each other or will they be randomly dispersing throughout the park?

In Lake Buena Vista, FL, there is one FSS earth station (E/S) license that is within the radius of 8.5 km. However, this FSS E/S license belongs to Disney (Call Sign E7429, see attachment).

- 5) Can Disney FSS E/S licensee coordinate with the Disney experimental operator and inform the FCC that they have reached an agreement.

In Lake Buena Vista, FL, there are three other FSS E/S licenses in close proximity to the radius of operation. Our analysis indicates that the 500MHz emission may not be possible for outdoor operations in the 3700-4200 MHz range giving the short separation distance from existing earth stations.

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 November 17, 2016 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

DO NOT Reply to this email by using the 'Reply' button. In order for your response to be processed expeditiously, you must upload your response via the Internet at <https://apps.fcc.gov/oetcf/els/index.cfm> by clicking on the "Reply to Correspondence" hyperlink.

Responses to this correspondence must contain the Reference number : 34750