

To: Randy Umfleet  
E-Mail: Randy\_umfleet@raytheon.com  
From: Behnam Ghaffari  
Date: September 28, 2021

Subject: FCC File No. 0825-EX-CN-2021

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Message:

The submitted Link Budget (LB)/spreadsheet is manufacturer's generic calculations and to be used as a reference to meet the minimum requirements of NTIA (-140 dBm at 100 ft). The environment in which you conduct your testing will have to have its own technical characteristics. Will the antenna be exactly 100 ft away from the wall in all directions? Will there be connector losses? Will there be splitter losses? You will need to measure the distance from where you put the antenna to inner wall then calculate the length of the cable and insertion loss, and so on. Please submit LB analysis more align to your operation. Refer to Raytheon's recent approved experimental licenses 0745-EX-CN-2021 and 0737-EX-CN-2021.

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 September 28, 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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Responses to this correspondence must contain the Reference number : 64875