

Behnam Ghaffari

Subject: FW: [EXTERNAL]: 0841-EX-CN-2021 status

From: Terry, Ryan N <ryan.n.terry@lmco.com>
Sent: Wednesday, March 22, 2023 2:45 PM
To: Behnam Ghaffari <Behnam.Ghaffari@fcc.gov>
Subject: RE: [EXTERNAL]: 0841-EX-CN-2021 status

Thanks, Ben.

Feedback from my colleagues who are running the program:

With respect to CBRS frequencies 3600-3700 MHz, please address the followings:

1. Explanation of how you would coordinate any usage with a Spectrum Access System (SAS).
 - The Lockheed Martin (LM) project team will use Federated Wireless' Spectrum Controller SAS (or equivalent product from an alternate Spectrum Access Administrator) to plan, register, identify, locate, and request frequency provision for devices at the LM Waterton CO campus.
2. Explanation of how you would specifically avoid causing interference to incumbent and commercial operations in the band, including General Authorized Access (GAA).
 - First, devices to be provisioned frequency (using a SAS Administrator product) will only be located on the LM Waterton CO campus, terrestrially and/or airborne. The permanent ground station identified for device communications utilizes a directional antenna with coverage only over the campus interior and 250mW transmit power, thus minimizing irradiated interference for other local Waterton operators.
 - Secondly, devices used by the Lockheed Martin (LM) project team will only be provisioned frequencies determined to be locally available in the General Authorized Access tier including avoiding current GAA users.

Best,
Ryan