

From: Garrett Loo

To: Hung Le

Date: July 21, 2020

Subject: Request for Info - File # 1070-EX-ST-2020

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Message:

1. Justification for using a very wide frequency range of Educational Broadband Service and Broadband Radio Service from 2502 MHz to 2690 MHz. Any specific reasons not to choose the other bands instead of EBS and BRS?

- In order to combat contraband cell phone use in prison we need to transmit on all frequencies utilized by the carriers. the applied for range covers TDD Band 41.

2. Why ShawnTech proposes to operate in Advanced Wireless Service frequency bands?

-In order to combat contraband cell phone use in prison we need to transmit on all frequencies utilized by the carriers. AWS Band 66 is often used by these contraband devices

3. Detailed prescriptions of the proposed operation?

- ShawnTech's Contraband Interdiction System will be set up in designated prison and used to combat contraband cell phones used by inmates.

4. How to avoid harmful interference to other services , especially AWS and EBS/BRS operations.

- ShawnTech ensures our signals remain in the defined area of operations and do not impact authorized commercial users. Prior notice is provided to all carriers and they are informed of the details of all testing. To date ShawnTech has caused no harmful interference to any commercial carriers operations.

5. Any stop buzzer information just in case interference occurs?.

- ShawnTech system engineers are constantly monitoring our signal parameters inside and outside the designate prison. If any interference is determined to exist transmission will either be terminated or altered to eliminate said interference.

6. How come ShawnTech requests almost a whole year, 2/19/20-12/1/20, for an STA request?. We are currently in the middle of the year of 2020 already.

- this was a request for an extension of an existing STA starting on 19 FEB. The original date was included in this filing to to signify the entire range of the request.