

From: Robert Jackson

To: Behnam Ghaffari

Date: July 01, 2019

Subject: 0498-EX-CN-2019

Message:

Carnegie Mellon University (CMU) was asked: You have already been granted an experimental license (0201-EX-CN-2019) for the entire state of California. Why are you refiling?

WK2XEQ (0201-EX-CN-2019) authorizes use of various frequencies with specific commercial radios manufactured by Ettus Research, Nuand and FrSky-rd throughout the state of California, subject to certain conditions related to the radios and the spectrum authorized. Application 0498-EX-CR-2019 seeks to use the same frequencies throughout the state of California but with a different radio (LoRa TrafficDot).

CMU's engineers wanted to file separately to avoid any risk that the combination of radios could result in restrictions. For example, by combining the Ettus, Nuand and FrSky-rd radios with the CMU experimental LoRa radios, could the use of one class (commercial) require the Commission to impose a restriction on the use of the other class (experimental) and vice versa?

To avoid this risk and provide CMU engineers with as much flexibility under Commission rules as possible, we have filed separate applications for the different types of radios that would be used as explained above.

Please do not hesitate to contact me with any further questions or if you would like more information about this inquiry and our response.

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