

From: Robert Koppel

To: Behnam Ghaffari

Date: May 21, 2021

Subject: FCC File No. 0060-EX-CM-2021

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Message:

Kymeta Corporation

File No. 0060-EX-CM-2021

Correspondence Reference Number: 61554

Kymeta provides the following information in response to the questions from OET dated April 23, 2021.

Provide detailed technical information on antenna patterns and antenna direction.

Attached is an exhibit plotting simulated antenna patterns of Kymeta's terminal against Section 25.218(i) of the Commission's Rules.

What is the purpose of increasing the power (to 272.3 kW ERP).

Kymeta seeks to test at 25 watts to assess the benefits of higher link availability and margin to overcome rain fade.

Provide an engineering analysis and explanation of how Kymeta would specifically avoid causing harmful interference to incumbent Upper Microwave Flexible Use Service operations in adjacent 27.5-28.35 GHz band and Fixed Microwave Service operations in 27.5-29.5 GHz band

Kymeta will prepare an OOBE analysis to demonstrate compliance with Section 25.202(f) or Kymeta will operate with a guard band sufficient to protect operations in adjacent bands. Kymeta requests an additional 60 days to provide this information.

How does Kymeta intend to coordinate with all UMFUS and FMS licensees throughout US continent?

It is Kymeta's understanding the rules do not require such coordination. As noted above, in order to avoid interference, Kymeta will either demonstrate compliance with the OOBE requirements in Section 25.202(f) or operate with a guard band sufficient to protect operations in adjacent bands.

Provide stop buzzer POC information just in case interference occurs.

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