Kymeta Corporation
File No. 1011-EX-CN-2018
Reference Number: 46074

1) What is the size of the proposed antenna(s)? Please submit antenna's pattern performances.

70 centimeters diameter (circular antenna). The antenna patterns are attached. These patterns were previously submitted to the Commission as part of Kymeta's application for blanket licensing of the same antenna, Call Sign E170070.

2) Please submit a radiation hazard of the proposed antennas.

An RF Safety Study is attached. Kymeta notes that the terminal will only be tested in a fixed mode, and only in areas that can be secured from access by the general public. Kymeta has modified the on-line application to specify that it will operate from fixed locations, rather than mobile.

3) Please provide Point of communication: Authorized GSO Ku-band or NGSO Ku-band satellites or both?

Authorized GSO Ku-band satellites. On February 8, 2019, Kymeta provided a list of each of the satellites in response to reference number 45817.

4) If the proposed satellite is GSO satellite, please demonstrate or certify the operation in the 13.75-14 GHz band will meet the footnotesUS377, US356, and US 357, and Section 25.204(f) of the Commissions 'rules.

Kymeta has modified the on-line application to specify that it seeks authority to operate in the 14.0 – 14.5 GHz band.

5) If the proposed satellite is NGSO satellite, Please demonstrate or certify that your proposed operations in the 13.75-14 GHz band will meet the equivalent power Flux-density levels in the Section 25.208(k) of the Commission's rules and Table 22-2 of Article 22, Section II, of the ITU radio Regulations.

Kymeta does not seek authority to communicate with an NGSO satellite, nor to operate in the 13.75 – 14.0 GHz band.

6) Please certify that your proposed operations and communication between earth stations and satellites are in compliance with all existing or future coordination agreements between the proposed satellite operators and other GSO and NGSO satellite networks.

Kymeta certifies that its proposed operations are in compliance with all existing coordination agreements between the proposed satellite operators and other GSO and NGSO networks.