



June 29, 2023

Federal Communications Commission
445 12th Street SW
Washington, D.C. 20554

ATTENTION: Office of Engineering and Technology

Kymeta Corporation is seeking original certification of our Satellite Earth Station terminal which operates under a Part 25.209 license at 14.0 – 14.5 GHz.

The terminal employs a pre-approved Cellular LTE radio with an FCC ID#: N7NEM75S that operates in the following bands:

1,2,3,4,5,7,8,90,12,13,18,19,20,26,28,41,42,43,48,66

The terminal also employs a WIFI radio that operates in the unlicensed spectrum from 2.4 GHz to 2.4835 GHz. It employs Simultaneous, Dual-Band 802.11ax AP and it is capable of a throughput of Downlink/Uplink Data rate:

300Mbps/50Mbps.

Satellite and Cellular communications operate independent of each other. Only one of these radios will be transmitting at a time. Broadband data is transmitted through the LAN cable or through a WI-FI connection. Its then routed through the Satellite or Cellular connection to the network.

The purpose of this transmittal is to ask the FCC to grant this new application to the following standards:
47 CFR Part 15.247

The proposed FCC ID# is 2A8PR-HW3.

Sincerely,

Kymeta Corporation

A handwritten signature in blue ink, appearing to read "Dean Busch", written over a horizontal line.

Dean Busch
Lead Compliance Engineer