



Mercury Networks, LLC.  
1100 Walnut St, Suite 2050  
Kansas City, Missouri 64106

9/17/2020

Federal Communications Commission  
7435 Oakland Mills Road  
Columbia, MD 21046

To whom it may concern:

Mercury Networks, LLC., hereby requests a Permissive Change Class II of the radio equipment certification for the product name certification number, FCC ID: XN3-QUANTUM6636. This product differs from the originally approved product in the following manner:

- (a) Associated digital circuitry. – There are no changes.
- (b) Functional capabilities. – The following functional capabilities are changed through a software upgrade made to the Quantum 6636 equipment:
  - a. Capability of two-way transmission and operation in the 3550-3700 MHz Citizens Broadband Radio Service (CBRS) band.
  - b. Allow the device to operate within the parameters outlined in FCC CFR 47 Part 96, as well as OET KDB 940660.
- (c) Antenna Characteristics. – There are no changes.
- (d) Cosmetic differences – There are no changes.

I do attest that the Field strength and/or RF Output readings remained the same or are lower than the originally approved product and that they did not increase therefore qualifying this product for this application type.

Sincerely,

A handwritten signature in black ink that reads "Matthew Sams".

Matthew Sams  
Chief of Staff  
Mercury Networks, LLC.  
1100 Walnut St, Suite 2050  
Kansas City, Missouri 64106