

1st September 2021

Federal Communications Commission
Authorization & Evaluation Division
7345 Oakland Mills Road
Columbia, Maryland 21046

Subject: Class II Permissive Change Request Letter
Applicant: Etherstack Inc
FCC ID: 2ADAKSFFR6UH2

To Whom It May Concern:

This letter serves as an official request for three Class II permissive changes to the FCC ID: **2ADAKSFFR6UH2**. The three permissive changes are outlined below as:

- **Single External RF Port and Internal Duplexer (Configuration 1)**
- **Two External RF Ports and No Internal Duplexer (Configuration 2)**
- **Two External RF Ports and an Internal Duplexer (Configuration 3)**

Single External RF Port and Internal Duplexer (Configuration 1):

This change configuration consists of a change from the initial filing configuration which has the addition of a duplexer filter within the enclosure into the Rx and Tx RF Paths. The duplexer is fitted for the purpose of protecting the receiver from the transmitter during full duplex operation. The addition of a filter into the Tx path results in attenuation of output power from transmitter, and the radio continues to meet FCC emission requirements for which authorization was granted.

Two External RF Ports and No Internal Duplexer (Configuration 2)

This change configuration consists of a change from the initial filing configuration where a separate receive only RF port is added to the faceplate mounted to the enclosure. In this configuration the Transmit and Receive paths are separated through the enclosure. The radio continues to meet FCC emission requirements for which authorization was granted.

Two External RF Ports and an Internal Duplexer (Configuration 3)

This change configuration consists of a change from the initial filing configuration, which the changes of the *Single External RF Port and Internal Duplexer (Configuration 1)* and the changes of *Two External RF Ports and No Internal Duplexer*. The active Tx and Rx paths the same as *Single External RF Port and Internal Duplexer (Configuration 1)*, the second external RF port is not used in this configuration. The duplexer is fitted for the purpose of protecting the receiver from the transmitter during full duplex operation. The addition of a filter into the Tx path results in attenuation of output power from transmitter, and the radio continues to meet FCC emission requirements for which authorization was granted.

Please contact me if there is any information you may need.

Sincerely,



Douglas J Chapman
VP Business Development/ GM America's

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