

Synology Inc.

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UNII Device Declaration Letter

To whom it may concern :

We have declared below featured for FCC equipment authorization,

Device FCC ID : YOR-WRX560

- (1) DFS Device -- ☒ Master , ☐ Client with Radar detection capability ,
☐ Client without radar detection capability , ☐ N/A

- (2) Active / Passive Scanning , adhoc mode access point capability

Frequency Band (MHz)	Active Scanning (the device can transmit a probe (beacon))	passive scanning (where the device is can listen only with no probes)	Ad Hoc Mode capability	Access point capability
5150-5250	☒ Yes , ☐ No	☐ Yes , ☒ No	☐ Yes , ☒ No	☒ Yes , ☐ No
5250-5350	☒ Yes , ☐ No	☐ Yes , ☒ No	☐ Yes , ☒ No	☒ Yes , ☐ No
5470-5725	☒ Yes , ☐ No	☐ Yes , ☒ No	☐ Yes , ☒ No	☒ Yes , ☐ No
5725-5850	☒ Yes , ☐ No	☐ Yes , ☒ No	☐ Yes , ☒ No	☒ Yes , ☐ No
5850-5895	☒ Yes , ☐ No	☐ Yes , ☒ No	☐ Yes , ☒ No	☒ Yes , ☐ No

- (3) Country code selection ability - ☐ Yes , ☒ No

If no, pls explain how it was implemented :

- (4) Meet 15.202 requirement - ☒ Yes , ☐ No ,

pls check below :

☒ A master device is defined as a device operating in a mode in which it has the capability to transmit without receiving an enabling signal. In this mode it is able to select a channel and initiate a network by sending enabling signals to other devices

☐ A client device is defined as a device operating in a mode in which the transmissions of the device are under control of the master. A device in client mode is not able to initiate a network.

- (5) For client devices that have software configuration control to operate in different modes (active scanning in some and passive scanning in others) in different bands (devices with multiple equipment classes or those that operate on non-DFS frequencies) or modular devices which configure the modes of operations through software, the application must provide software and operations description on how the software and / or hardware is implemented to ensure that proper operations modes can not be modified by end user or an installer.

☐ Apply , ☒ No Apply , (If apply , pls help to provide explanation on it was implement , and how software was controlled)

- (6) Indoor devices:

☐ Clients

1) Client device (EUT) will not directly connect to another client device.

2) Client device (EUT) will only associate and connect with an indoor Access Point (AP) or indoor Subordinate.

3) Client device (EUT) will always be under the control of an indoor AP. However, there may exist situations where the client may transmit brief messages, prior to being under the control of an AP, to join an AP network. But these brief messages will only occur if the client has detected a signal confirming that an AP is operating on a particular channel. These brief messages will have a time-out mechanism if the client does not receive a response from an AP.

☐ Subordinates

1) No direct connection to internet

- 2) Prohibited for control of or communications with unmanned aircraft systems including drones.
- 3) Supplied power from a wired connection and has no batteries.
- 4) Indoor installation only.

■ Access Points

- 1) Supplied power from a wired connection and has no batteries.
- 2) Indoor installation only.

Signature : 

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