

Date: 6/24/2024

UNII Device Declaration Letter

To whom it may concern:

We have declared below featured for FCC equipment authorization,

Device FCC ID: R68OQ2200S

IC: 3867A-OQ2200S

- (1) DFS Device -- On DFS channels, the device always operates under the control of an AP. The device passively scans DFS frequencies until a master device is detected. The control of this functionality is not accessible to anyone under any conditions. The device does not have Ad Hoc on "non-US frequencies" and/or on "DFS frequencies".

- (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 MHz	Yes	No	NO	NO
5250-5350 MHz	NO	Yes	NO	NO
5470-5725 MHz	NO	Yes	NO	NO
5725-5850 MHz	Yes	No	NO	NO

- (3) Country code selection ability - No

If no, pls explain how it was implemented: This function is disabled via firmware setting. Furthermore, the firmware that controls this is protected by a special signature and CRC checksum at the factory. Signature and CRC checksum will be calculated and verified before firmware upgrade. Unauthorized modification to firmware will lead to the failure of verification and thus firmware upgrade will not be allowed.

- (4) Meet 15.202 / RSS 247 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 cannot 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)

Contact Person / Title: Eric Bass / Vice President, Research & Development

Tel.: (949) 453-7124

Email: ebass@lantronix.com

Signature:

