



July 10, 2013

Federal Communications Commission  
 Authorization and Evaluation Division

Re: DTS and UNII Device Declaration Letter (Model No: iX101T1)

FCC ID.: Q2GWWG7550

To whom it may concern,

We have declared below featured for FCC equipment authorization,  
 Device FCC ID: Q2GWWG7550

1. DFS Device:  Master  Client with Radar detection capability  
 N/A  Client without radar detection capability,

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      |  |
|----------------------|--|--|---|--|------------------------------|--|------------------------------|--|
|                      | <input type="checkbox"/> Yes                               | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes  | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 2412-2462            | <input type="checkbox"/> Yes                               | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes  | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 5745-5825            | <input type="checkbox"/> Yes                               | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes  | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 5180-5240            | <input type="checkbox"/> Yes                               | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes  | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 5260-5320            | <input type="checkbox"/> Yes                               | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes  | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 5500-5700*           | <input type="checkbox"/> Yes                               | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes  | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Remark: ‘\*’ The client does not support operation in the frequency band 5600-5650 MHz.

3. Country code selection ability  Yes  No

4. Meet 15.202 requirement  Yes  No

please 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  Does not apply

(If apply, please help to provide explanation on it was implement, and how software was controlled)



6. This device complies with the requirements for software configuration control as detailed in KDB594280.  
 Apply       Does not apply

7. Two client devices cannot communicate directly with each other while maintaining an association with a master.  
 Yes       No

Sincerely,

A handwritten signature in black ink that reads 'David J Ball'.

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David J Ball  
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