DTS－UNII Device Declaration Letter

To whom it may concern :
We have declared below featured for FCC equipment authorization,
Device FCC ID : TX2-RTL8821CE

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

(2) Active / Passive Scanning , Ad hoc 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 or WIFI Direct capability	Access point capability
2412-2462	☒Yes, ☐No	☐Yes, ☒No	☐Yes, ☒No	☐Yes, ☒No
2422-2452	☒Yes, ☐No	☐Yes, ☒No	☐Yes, ☒No	☐Yes, ☒No
5180-5240	☒Yes, ☐No	☐Yes, ☒No	☐Yes, ☒No	☐Yes, ☒No
5190-5230	☒Yes, ☐No	☐Yes, ☒No	☐Yes, ☒No	☐Yes, ☒No

(3) Country code selection ability - ☒Yes, ☐No
   If yes, pls explain how it was implemented:
   By the driver dynamic detection mechanism, the driver detection process will go through 3 phases
   as mechanism check phase, supplementary check phase, and region check phase.

(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) Please help to provide justification how device was restricted to operate in 5600-5650MHz in
   below.

   > We define and designate the code of channel plan to restrict the usage at the certain
   > channels like 5600-5650MHz which would be implemented into efuse when running the
   > module.

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Applicant name: Realtek Semiconductor Corp.