TCB

GRANT OF EQUIPMENT AUTHORIZATION

TCB

Certification

Issued Under the Authority of the

Federal Communications Commission

By:

Curtis-Straus, LLC
One Distribution Center Circle Suite #1
Littleton, MA 01460

Date of Grant: 11/02/2018

Application Dated: 11/02/2018

Realtek Semiconductor Corp.

No. 2

Innovation Road II, Hsinchu Science Park

Hsinchu, 300
Taiwan

Attention: Dana Liaw , Project Manager

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER:	TX2-RTL8822CE
Name of Grantee:	Realtek Semiconductor Corp.
Equipment Class:	**Part 15 Spread Spectrum Transmitter**
Notes:	**802.11a/b/g/n/ac RTL8822CE Combo Module**
Modular Type:	**Single Modular**

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
CC	15C	2402.0 - 2480.0	0.02		

Power listed is the maximum conducted output power. Single Modular Approval for mobile RF Exposure condition. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter, except in accordance with FCC multi-transmitter product guidelines. Approval is limited to OEM installation only. OEM integrators must be provided with antenna installation instructions. OEM integrators and end-Users must be provided with transmitter operation conditions for satisfying RF exposure compliance. This grant is valid only when the device is sold to OEM integrators and the OEM integrators are instructed to ensure that the end user has no manual instructions to remove or install the device. Only those antenna(s) tested with the device or similar antenna(s) with equal or lesser gain may be used with this transmitter.

CC: This device is certified pursuant to two different Part 15 rules sections.

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FCC IDENTIFIER:	TX2-RTL8822CE
Name of Grantee:	Realtek Semiconductor Corp.
Equipment Class:	**Digital Transmission System**
Notes:	**802.11a/b/g/n/ac RTL8822CE Combo Module**
Modular Type:	**Single Modular**

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
CC	15C	2402.0 - 2480.0	0.016		
CC MO	15C	2412.0 - 2472.0	0.794		

Power listed is the maximum combined conducted output power. Single Modular Approval for mobile RF Exposure condition. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter, except in accordance with FCC multi-transmitter product guidelines. Approval is limited to OEM installation only. OEM integrators must be provided with antenna installation instructions. OEM integrators and end-Users must be provided with transmitter operation conditions for satisfying RF exposure compliance. This grant is valid only when the device is sold to OEM integrators and the OEM integrators are instructed to ensure that the end user has no manual instructions to remove or install the device. Only those antenna(s) tested with the device or similar antenna(s) with equal or lesser gain may be used with this transmitter. This device has 20 MHz and 40 MHz bandwidth modes.

CC: This device is certified pursuant to two different Part 15 rules sections.

MO: This Multiple Input Multiple Output (MIMO) device was evaluated for multiple transmitted signals as indicated in the filing.

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FCC IDENTIFIER:	TX2-RTL8822CE
Name of Grantee:	Realtek Semiconductor Corp.
Equipment Class:	**Unlicensed National Information Infrastructure TX**
Notes:	**802.11a/b/g/n/ac RTL8822CE Combo Module**
Modular Type:	**Single Modular**

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
CC MO	15E	5180.0 - 5240.0	0.203		
CC MO ND	15E	5260.0 - 5320.0	0.207		
CC MO ND	15E	5500.0 - 5720.0	0.217		
CC MO	15E	5745.0 - 5825.0	0.308		

Power listed is the maximum combined conducted output power. Single Modular Approval for mobile RF Exposure condition. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter, except in accordance with FCC multi-transmitter product guidelines. Approval is limited to OEM installation only. OEM integrators must be provided with antenna installation instructions. OEM integrators and end-Users must be provided with transmitter operation conditions for satisfying RF exposure compliance. This grant is valid only when the device is sold to OEM integrators and the OEM integrators are instructed to ensure that the end user has no manual instructions to remove or install the device. Only those antenna(s) tested with the device or similar antenna(s) with equal or lesser gain may be used with this transmitter. This device has 20 MHz, 40 MHz and 80MHz bandwidth modes.

CC: This device is certified pursuant to two different Part 15 rules sections.

MO: This Multiple Input Multiple Output (MIMO) device was evaluated for multiple transmitted signals as indicated in the filing.

ND: This UNII device complies with the Transmit Power Control (TPC) and Dynamic Frequency Selection (DFS) requirements in Section 15.407(h).

