TCB

GRANT OF EQUIPMENT AUTHORIZATION

TCB

Certification
Issued Under the Authority of the
Federal Communications Commission
By:

Nemko North America, INC.
303 River Road
Ottawa, Ontario, K1V 1H2
Canada

Date of Grant: 08/13/2021

Application Dated: 08/13/2021

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-RTL8852BE
Name of Grantee:	Realtek Semiconductor Corp.
Equipment Class:	**Part 15 Spread Spectrum Transmitter**
Notes:	**11ax RTL8852BE 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	0.018		

Single Modular Approval. Output power listed is conducted. The RF exposure compliance is addressed for 1.1310 and 2.1091 MPE limits - this filing complies with KDB 447498 and is approved for mobile/fixed operation. End Users must be provided with transmitter operation conditions for satisfying RF exposure compliance. OEM integrators must be provided with antenna installation instructions and labeling requirements for finished products. OEM integrators and End-users must be provided with transmitter operation conditions for satisfying RF exposure compliance.

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

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FCC IDENTIFIER:	TX2-RTL8852BE
Name of Grantee:	Realtek Semiconductor Corp.
Equipment Class:	**Digital Transmission System**
Notes:	**11ax RTL8852BE 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	0.018		
CC MO	15C	2412.0 - 2472.0	0.308		

Single Modular Approval. Output power listed is conducted. This device has 20 MHz and 40 MHz bandwidth modes. The RF exposure compliance is addressed for 1.1310 and 2.1091 MPE limits - this filing complies with KDB 447498 and is approved for mobile/fixed operation. End Users must be provided with transmitter operation conditions for satisfying RF exposure compliance. OEM integrators must be provided with antenna installation instructions and labeling requirements for finished products. OEM integrators and End-users must be provided with transmitter operation conditions for satisfying RF exposure compliance.

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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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-RTL8852BE
Name of Grantee:	Realtek Semiconductor Corp.
Equipment Class:	**Unlicensed National Information Infrastructure TX**
Notes:	**11ax RTL8852BE 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	0.247		
CC MO ND	15E	5260.0 - 5320.0	0.249		
CC MO ND	15E	5500.0 - 5720.0	0.245		
CC MO	15E	5745.0 - 5825.0	0.348		

Single Modular Approval. Output power listed is conducted. This device has 20 MHz, 40 MHz and 80MHz bandwidth modes. The RF exposure compliance is addressed for 1.1310 and 2.1091 MPE limits - this filing complies with KDB 447498 and is approved for mobile/fixed operation. End Users must be provided with transmitter operation conditions for satisfying RF exposure compliance. OEM integrators must be provided with antenna installation instructions and labeling requirements for finished products. OEM integrators and End-users must be provided with transmitter operation conditions for satisfying RF exposure compliance.

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).