

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:** **Unlicensed National Information Infrastructure TX**  
**Notes:** **11ax RTL8852BE Combo module**  
**Modular Type:** **Single Modular**

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
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).