

TCB

GRANT OF EQUIPMENT
AUTHORIZATION

TCB

Certification

Issued Under the Authority of the
Federal Communications Commission

By:

Bureau Veritas Consumer Products
Services, Inc.
One Distribution Center Circle #1
Littleton, MA 01460

Date of Grant: 04/19/2024

Application Dated: 12/26/2023

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-RTL8922AE

Name of Grantee: Realtek Semiconductor Corp.

Equipment Class: Unlicensed National Information Infrastructure TX

Notes: 11be RTL8922AE 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 - 5250.0	0.176		
CC MO ND	15E	5260.0 - 5320.0	0.176		
CC MO ND	15E	5500.0 - 5720.0	0.169		
CC MO	15E	5745.0 - 5825.0	0.343		
CC EP MO	15E	5845.0 - 5845.0	0.515		
CC EP MO	15E	5835.0 - 5835.0	0.531		
CC EP MO	15E	5855.0 - 5855.0	0.973		
CC EP MO	15E	5815.0 - 5815.0	0.276		
CC EP MO	15E	5865.0 - 5885.0	0.535		

Single Modular Approval. U-NII-1 through U-NII-3 Power listed are the maximum combined conducted output power, U-NII-4 and U-NII -3 & -4 span channels Power listed are EIRP. Co-transmission of this module with other transmitters requires a separate evaluation according to FCC multi-transmitter procedures. The host integrator must follow the integration instructions provided by the module manufacturer and ensure that the composite-system end product complies with the FCC requirements by a technical assessment or evaluation to the FCC rules and to KDB Publication 996369. The module antenna(s) must be installed to meet the RF exposure compliance separation distance of 20 cm and any additional testing and authorization process as required. The module grantee is responsible for providing the documentation to the system integrator on restrictions of use, for continuing compliance of the module. The host integrator installing this module into their product must ensure that the final composite product complies with the FCC requirements by a technical assessment or evaluation to the FCC rules, including the transmitter operation and should refer to guidance in KDB 996369. Approval is limited to OEM installation only. 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. The device supports 2x2 MIMO and has 20 MHz, 40 MHz, 80 MHz and 160 MHz bandwidth modes.

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

EP: Output power is Effective Isotropic Radiated Power (EIRP)

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).