

Realtek Semiconductor Corp.

No. 2, Innovation Road II, Hsinchu Science Park, Hsinchu 300, Taiwan

Date: 2025-02-06

FCC ID: TX2-RTL8922AE

To the attention of:

Federal Communications Commission
Authorization and Evaluation Division

Declaration Letter for Very Low Power Devices (6VL)

We, **Realtek Semiconductor Corp.**, attest that this device under **FCC ID: TX2-RTL8922AE** complies with device protocol requirements and operational restrictions for Very Low Power Devices (6VL).

- a) This device will prioritize spectrum above 6.105 GHz.
Device will prioritize AP with channels above 6105 MHz.
When there are any AP with channels above 6105MHz exist, device will only connect to AP with channels above 6105 MHz.
Device will connect to AP with channels below 6105MHz, only when there are no any AP with channel above 6105MHz exist.
- b) This device will use Transmit Power Control (TPC).
The TPC mechanism adjusts the transmit output power level based on the optimum communication throughput triggered by the RSSI value higher than -10dBm/Channel, the channel power is 7.5dB reduced, so as the max. E.I.R.P. power density.
- c) We declare that the TPC mechanism is not user configurable.
- d) We understand and acknowledge that this device is subject to the following restrictions, which are also documented within the user manual, as well as any other conditions of use associated with the equipment class:
 - Operation is prohibited on oil platforms and aircraft, except that operation of this device in 5.925-6.425GHz is permitted in large aircraft flying above 10,000 feet.
 - Control of or communications with unmanned aircraft systems is prohibited, including drones.

If you should have any questions regarding this declaration, please do not hesitate to contact us, thank you!

Sincerely yours,



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