

Communications
Regulatory Authority
State of Qatar

هيئة تنظيم
الاتصالات
دولة قطر

Class License
for the use of RLAN devices
over 5925-6425 MHz Band

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For the Communications Regulatory Authority (CRA)
Signed by

Mohammed Ali Al-Mannai
President of the Communications Regulatory Authority

1. Introduction

- 1.1 The Communications Regulatory Authority “CRA” is the responsible authority for establishing an effective approval regime for telecommunications equipment. As such, CRA is responsible for determining the technical standards and specifications for the telecommunications equipment or their types and the approval requirements and procedures that must be applied to such standards and specifications in accordance with the Decree Law No. (34) of 2006 on the promulgation of the Telecommunications Law as amended by the Law No. (17) of 2017, the Executive By-Law for the Telecommunications Law and other related laws.
- 1.2 As such, CRA has the powers and authorities of:
 - 1.2.1 granting, amending, renewing, suspending, and revoking Class Licenses, Radio Spectrum Licenses, and Authorizations and determining the terms and procedures necessary for their issuance.
 - 1.2.2 Setting the necessary procedures for the approval of the telecommunications equipment or their types for attachment to telecommunications networks in the State, including approval of the equipment previously approved by organizations or other countries.
- 1.3 CRA has already issued the Type Approval Policy for Radio and Telecom Terminal Equipment (RTTE) as well as the Guidelines for RTTE and published it on its website.

2. Relevant Legal Provisions

- 2.1 Article (4) of the Telecommunications Law states that CRA shall set and manage the plan for Radio Spectrum and for other scarce resources and ensure the optimal use of such resources and maximize revenues generated from them within the limits specified by international rules.
- 2.2 Article (10) of the Telecommunications Law No. (34) of 2006 states that CRA shall define the conditions under which Individual and Class licenses shall be issued.
- 2.3 Article (15) of the Telecommunications Law No. (34) of 2006 states that no person shall operate any radio-communications equipment or make any use of radio frequencies, without a Radio Spectrum License or a Radio Frequency Authorization from the Communications Regulatory Authority “CRA”.
- 2.4 Article (9), (10), (11), 12), and (14) of the Executive Telecommunications By-Law No. (1) of 2009, establishes the framework to be followed by CRA when defining the terms and conditions of a Class License.
- 2.5 In accordance with Article (31) of the Executive Telecommunications By-Law No. (1) of 2009, CRA shall establish the terms and conditions of all Licenses and shall monitor compliance by Licensees with the terms and conditions of their Licenses, and CRA may take any measures and procedures in this regard. CRA may establish the criteria through Radio Spectrum Regulations in order to determine what radio spectrum should be available for common use and this may be awarded by means of a Class License.

- 2.6 Under the Emiri Decree no. 42 of 2014, and specifically Article (4.4) and Article (14), CRA is mandated to manage and regulate spectrum usage.

3. Grant of License

- 3.1 CRA hereby grants this Class License pursuant to the above-mentioned articles of the Telecommunications Law. This Class License enables any person to possess, use, operate, install and use Wireless Devices without that person having to apply for this Class license. Such person is hereinafter referred to as the "Licensee".
- 3.2 The Licensee is hereby authorized to import and operate Wireless Devices within the State of Qatar and use the frequency(s) or the frequency band(s) assigned in Annexure (2) of this Class License on a non-exclusive basis, provided that the Licensee operates in the authorized frequency bands and transmits the corresponding output power levels as stated in Annexure (2) of this Class and provided that type approval is obtained from CRA in accordance with section (6) of this License.
- 3.3 The Licensee shall, in addition to complying with the terms and conditions of this Class License and its annexures, comply with the provisions of the Telecommunications Law, relevant legislation, and any regulations decisions, orders, rules, instructions, and notices issued by CRA (hereinafter, collectively referred to as the "Applicable Regulatory Framework").
- 3.4 This Class License provides the minimum technical and regulatory requirements and operating specifications of RLAN devices across different types of applications. Annexure (2) contains the list of various types of applications for RLAN devices, the applicable frequencies, Field Strength / RF Output Power, test reference, and other related information which the Licensee must comply with in order to import and/or use RLAN devices.

4. Definitions

- 4.1 The words and expressions in this License shall have the meanings ascribed to them in the Telecommunications Law, the Applicable Regulatory Framework, and this Class License, including the definitions set out in Annexure (1).

5. Operation of the RLAN devices over 5925-6425 MHz band

- 5.1 The Licensee is hereby authorized to use and operate RLAN devices provided that the Licensee operates such devices within the authorized frequency bands or frequencies within the corresponding output power levels stipulated in Annexure (2) of this Class License.
- 5.2 The use of any RLAN devices above the maximum power is not allowed. However, if the Licensee wishes to use any of such devices above the permitted maximum limit, the Licensee must follow a separate license application procedure and must obtain the required spectrum license from CRA pursuant to CRA's regulations as published on its official website.

- 5.3 The Licensee shall ensure that its operation shall not cause interference with other authorized radio-communications services and must tolerate any interference caused by other radio-communication services, electrical or electronic equipment.
 - 5.4 The RLAN devices shall not be constructed with any external or readily accessible control that permits the adjustment of its operation in a manner inconsistent with this Class License, in particular Annexure (2) of it.
 - 5.5 CRA may amend or update Annexure (2) of this Class License in order to respond to any new developments in the market or technology advancements. The Licensee shall comply with any new amendments introduced to Annexure (2) as published on CRA's official website from time to time.
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6. Radio Spectrum

- 6.1 The Licensee is hereby authorized to use the specified radio frequencies set out in Annexure (2) subject to the terms and conditions of this Class License, its annexures and the Applicable Regulatory Framework. This Class License does not grant the Licensee any ownership interest or property rights in the radio frequencies.
 - 6.2 CRA may amend or cancel spectrum allocations or assignments, in accordance with the Applicable Regulatory Framework or the National Frequency Allocation Plan of Qatar (NFAP).
 - 6.3 In accordance with Article (17) of the Telecommunications Law, the Licensee shall not misuse the licensed radio spectrum nor use it for an unauthorized purpose.
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7. Type Approval

- 7.1 The RLAN device(s) prior to being imported for marketing or sold in the State of Qatar shall be Type Approved by CRA in accordance with the "Type Approval Policy for Radio Equipment and Telecommunications Terminal Equipment" and the "Type Approval Guidelines for Radio Equipment and Telecommunications Terminal Equipment" published on CRA's official website.
- 7.2 The Licensee shall not manufacture or import for the purposes of marketing, selling or distributing RLAN devices over 5925-6425 MHz band that are not type approved by CRA.
- 7.3 In accordance with the preceding paragraphs (6.1) and (6.2), the Licensee shall ensure that the RLANs are type approved in accordance with the list of approved telecoms equipment by CRA published on CRA's official website.
- 7.4 Companies or persons wishing to sell or import RLAN devices over 5925-6425 MHz band for marketing purposes or commercially deal with such devices must register with CRA and obtain from it an "Application to obtain Import Authorization for Radio and Telecom Terminals RTTE" and must renew their registration annually in accordance with the procedures published on CRA's official website. After obtaining the type approval along with the Import Authorization from CRA, the Licensee may import and/or sell the devices in the State of Qatar.

- 7.6 The RLAN devices (s) over 5925-6425 MHz band may be imported or used by any person without seeking type approval if is to be used for private use only and provided that it is in accordance with the standards adopted by CRA.

8. Safety Measures and Standards

The Licensee shall implement any measures prescribed by the Applicable Regulatory Framework and other safety measures regarding the installation, operation, and usage of all RLAN devices over 5925-6425 MHz band as stipulated in the above-mentioned “Type Approval Policy for Radio Equipment and Telecommunications Terminal Equipment” and the “Type Approval Guidelines for Radio Equipment and Telecommunications Terminal Equipment”.

9. License Term

This License shall remain in force provided that the Licensee complies with the terms and conditions of this Class License and the Applicable Regulatory Framework.

10. License Fees

- 10.1 There are no License fees associated with this Class License.
- 10.2 The Licensee shall remain responsible for all costs, expenses or any other financial commitments arising out of this Class License and/or use of the RLANs in accordance with the Applicable Regulatory Framework.

11. Other Compliance Obligations of the Licensee

- 11.1 The Licensee shall, at all times, comply with the terms and conditions stated herein and the Applicable Regulatory Framework, including any amendments thereto that may be adopted by CRA from time to time.
- 11.2 The Class Licensee shall comply with any requirements stipulated under the laws of the State of Qatar, including the regulations and decisions issued by the relevant authorities in accordance with the applicable laws.
- 11.3 The Licensee shall obtain any other necessary approvals as may be required by other competent authorities in the State of Qatar in accordance with the applicable laws of the State of Qatar.

12. Breach of License

- 12.1 The Licensee shall be subject to penalties as provided for in the Applicable Regulatory Framework if the Licensee fails to comply with the terms and conditions set out herein. Any failure will result in CRA taking enforcement action against the Licensee in accordance with the Applicable Regulatory Framework, including initiating criminal proceedings in accordance with Articles (66), (67), (68), and (70) of the Telecommunications Law.
- 12.2 Without prejudice to any other enforcement powers of CRA or specific penalties set out in the Applicable Regulatory Framework, the Licensee can lose its right to own, import and operate RLAN devices if the Licensee commits repeated violations of this Class license terms and/or the Applicable Regulatory Framework.

13. Security Requirements

The Licensee shall comply with the requirements of the authorized agencies of the State of Qatar relating to national security and with the directions of governmental bodies in cases of public emergencies, and it shall implement the orders and instructions issued by CRA pertaining to the same.

14. Access to Premises

The employees of CRA who are vested with powers of judicial seizure in accordance with Article (63) of the Telecommunications Law shall seize and prove crimes committed in violation of the rules of the Telecommunications Law.

In this respect, the Licensee shall allow them to enter and inspect, in accordance with the law, the related premises, have access to records and documents and inspect equipment and RLAN(s) or any other related things and request data or clarifications as they deem necessary.

15. Request of Information

In accordance with Chapter (13) of the Executive Telecommunications By-Law, CRA may require the Licensee to provide to it information necessary for exercising its powers, and the Licensee shall provide the information to CRA on request and in the form, manner, and time specified by CRA.

16. Modification and Amendment

CRA, based upon its discretion, may modify, by deletion or addition, any terms and conditions this Class License. The amendments shall be published on the official website of CRA. The Licensee is under the obligation to comply with any such amendments.

17. Assignment of License

In accordance with the provisions of the Applicable Regulatory Framework, the Licensee may not assign or otherwise transfer this Class License to another person without the prior written approval of the CRA.

18. Governing Law and Language of License

This Class License is rendered in the Arabic and English languages. The Arabic language for this License is the official binding language. The License shall be governed by and interpreted in accordance with the laws of the State of Qatar.

ANNEXURE (1) – Definitions

The following terms and expressions shall have the meanings assigned to each of them:

Applicable Regulatory Framework: The Telecommunications Law and its By-Law and any other rules and regulations, decisions, orders, policies, guidelines, rules, instructions or notices issued by CRA as well as this license terms and conditions and the relevant laws of the State of Qatar.

Class License: The License granted in accordance with the provisions of the Telecommunications Law for a certain class of persons and/or activities without that person having to apply for the License.

Effective Isotropic Radiated Power (e.i.r.p.): The product of the power supplied to the antenna and the antenna gain in a given direction relative to an isotropic antenna (absolute or isotropic gain).

Effective Radiated Power (e.r.p.): The product of the power supplied to the antenna and the antenna and its gain relative to a half-dipole in a given direction.

Frequency Band: A portion of the radio spectrum, which starts at a particular frequency and ends at another particular frequency.

Maximum Mean e.i.r.p Spectral Density: The maximum average value of the product of the transmitted power spectral density and the gain of the omnidirectional or sectoral antenna in the direction of the system.

Maximum Transmit Power: The maximum power at the transmitter output for a single traffic channel.

Mean Power: The average power supplied to the antenna transmission line by a transmitter during an interval of time sufficiently long compared with the lowest frequency encountered in the modulation taken under normal operating conditions.

Person: A natural or juridical person of any type or form.

Radio Spectrum: Radio frequencies capable of being used in radio communications in accordance with the publications of the International Telecommunications Union.

WLAN/ RLAN: Communication networks that are used to provide wireless communications in a limited area, denoted Wireless Local Area Networks. Such networks are built based on international standards, such as IEEE 802.11/HIPERLAN, and provide users the ability to remain connected whilst moving within a limited area. WLAN networks include those based on technologies such as Wi-Fi 4, Wi-Fi 5, Wi-Fi 6/6E, NR-U and WiGig technologies capable of operating in WLAN bands on a license-exempt basis and are also designed to enable sharing and coexistence with other services. WLAN technologies can also be used to establish communications between fixed locations (i.e. fixed links), or to control or monitor devices remotely

Telecommunications Executive By-Law: The Executive Telecommunications By-Law No. (1) of 2009.

Telecommunications Law: Telecommunications Law of the State of Qatar No. (34) of 2006, as amended by Law 17 of 2017.

Type Approval: Approval is the procedure by which RTTE is authorized by CRA to be imported into or to be used in Qatar and involves verification of the equipment's compliance with the applicable standards and requirements.

ANNEXURE (2) – Technical Requirements for the use of RLAN devices over 5925-6425 MHz Band

Technical Requirements for the use of RLAN Devices over 5925-6425MHz				
Type	Authorized Frequency Bands/ Frequencies (Channel Spacing)	RF Output Power	Harmonized Standard Reference	Remarks (Emission Type, Duty Cycle, other restrictions)
Low Power	5925-6425 MHz	e.i.r.p 23 dBm	ETSI TR 103 524 V1.1.1 (2018-10)	Indoor Use only
Very Low Power	5925-6425 MHz	e.i.r.p 14dBm		Indoor and Outdoor Use