



Wi-Fi Service Regulation

(Article 1)

Definitions

Authorization: The statement that allows the operation of Wi-Fi equipment by any user in the designated frequency bands that are subject to the conditions set forth in this Regulation.

Registration: It is the process of collecting and documenting information in accordance with Article (5) of the Regulation.

Courtyard: It is the partially or completely closed area, such as the adjacent yards or the near extension of the private properties.

IEEE: Institute of Electrical and Electronics Engineers, a not-for-profit SA-IEEE standards-issuing organization. SA-IEEE is a leading industry standards development organization, with strategic relationships with IEC, ISO and the International Telecommunication Union.

Harmful Interference: Interference that prevents or severely affects any wireless or radio-communication services.

Indoor Coverage: LAN/ WLAN connections inside buildings (indoor part) of the facility.

LAN: A wired network for connecting computers to transmit or exchange data that provides a wide range of high-speed, broadband and digital distribution applications comprising voice, video and data.

Outdoor Coverage: It means LAN/ WLAN connections outside the courtyard, according to the municipal approval.

Quality Approval: It means the approval to use or import certain types of telecommunication devices and telecommunication terminal devices that may be modified by the CITRA from time to time.

Wi-Fi: A term used to define any of the wireless communication technologies in IEEE 802.11 Standard, which is the technology on which most WLANs are based, and this definition shall not mean any specific technology.

Wi-Fi Hotspot: A broadband transmission system that uses pervasive frequency spectrum modulation’s techniques. For the avoidance of doubt, the use of the term (Wireless Internet Service (Wi-Fi)) in this definition shall not include any specific standard or technology.

WLAN Equipment: A wireless network that connects computers to transmit and exchange data that provides a wide range of high-speed, broadband and digital distribution applications comprising voice, video and data.

(Article 2)

Technical and Operational Requirements

The operation process shall be compatible with the following standards, which apply to all users of the frequency spectrum exempted from the license, whether indoors or outdoors.

Technical Requirements
Equipment related to this band, whether used indoors or outdoors, shall meet the standards for quality approval.
In cases where the user wishes to make use of equipment that is not approved for use in the State of Kuwait, an application for certification shall be submitted in accordance with the Quality Approval Guidelines.
Equipment operating in the license-exempted band shall be compliant with radio frequency exposure standards and compliant with (ETSI) transmission power as described in the attached Schedule No. (1)
Not to make any modification to the specifications of the devices without obtaining the written approval of the CITRA.
Operation Requirements
Users’ compliance with requirements for approvals on antennas and their supporting structures.
Marketing of emitted power amplifiers to devices operating on license-exempted frequency band shall not be made.
2.4 GHz and 5 GHz may be assigned to other wireless uses and in such cases, the operation of (Wi-Fi) shall be based on a secondary use. While in cases of harmful interference, the user exempted from the (Wi-Fi) license shall suspend the equipment.
If the use of (Wi-Fi) networks provided on a commercial basis, customers shall be

informed with the following:

- 1- Their use of an unsecured network where there may be insufficient protection in terms of privacy and data security.
- 2- The responsibility for recording users' data and all other technical requirements shall be the responsibility of the providers of such services, with keeping records of users at each access point for a period of at least six months or as decided by the CITRA and submitting them upon request, provided that the information is complete, classified and clear
- 3- Providers of such services shall maintain the confidentiality of customer information and shall provide this information only to the CITRA upon its request or to security authorities stipulated by law.
- 4- Any use of the license-exempted frequency spectrum shall not be subject to the quality of service regulation.
- 5- Commitment to implement the standards, specifications and measures related to cyber security, which are determined by the Communications and Information Technology Regulatory Authority regarding all services provided by the licensee.
- 6- Commitment to provide the latest software and hardware necessary to protect and monitor networks and data, in accordance with the standards and conditions approved by the Communications and Information Technology Regulatory Authority.
- 7- The Communications and Information Technology Regulatory Authority shall have the right to monitor and follow up the licensee to indicate the level of confidentiality and security of information and the extent of its application of the specifications and standards related to cyber security. Or, to verify reports and security incidents and obtain the data necessary to deal with the report or security incident.

(Article 3)

Fees

The Authority shall determine the administrative fees, which include the cost of study, examination, or registration as indicated in the regulations and the Authority may amend the fees from time to time.

(Article 4)

Technical Requirements Schedule

Frequency	Radiant Capacity	Electromagnetic Compatibility	Notes
2400-2483.5 MHz	100 MW as the maximum average effective isotropic radiated power or 10 MW per MHz in any 1 MHz band	International standard for wireless communications (EN 300 328)	Channels from 1 to 13 may be used
5250-5150 MHz	200 MW as the maximum average effective isotropic radiated power or 10 MW per MHz in any 1 MHz band	International standard for wireless communications (EN 301 893)	
5350-5250 MHz	100 MW as the maximum average effective isotropic radiated power or 10 MW per MHz in any 1 MHz band	International standard for wireless communications (EN 301 893)	Dynamic frequency selection and transmission power control (DFS) are the mandatory requirements
5725-5470 MHz	500 MW as the maximum average effective isotropic radiated power or 50 MW per MHz in any 1 MHz band	International standard for wireless communications (EN 301 893)	Dynamic frequency selection and transmission power control (TPC) are the mandatory requirements
5825-5725 MHz	500 MW as the maximum average	International standard for	Dynamic frequency

	effective isotropic radiated power or 50 MW per MHz in any 1 MHz band	wireless communications (EN 301 893)	selection and transmission power control (TPC) are the mandatory requirements
5925-6425 MHz	200 MW	International standard for wireless communications (EN 303 687)	Inside buildings only