

Notification of the Office of the National Broadcasting and Telecommunications Commission**Re: Exemption of License for Radiocommunication Equipment and Radio Communication Station under Radiocommunications Act B.E. 2498 (1955)**

Whereas it is expedient to stipulate that radiocommunication equipment and radiocommunication station used in some types of services are exempted for license due to the increasing of advance radiocommunication technology and increasing of radiocommunication services. The use of radiocommunication equipment in some natures, or use in some types of services, shall not affect the use of radiocommunication equipment in other services to facilitate the accessibilities of the radiocommunication equipment users to radio frequency, and in order to supervise as much as necessary in conformity to the international practice and recommendations of International Telecommunication Union.

By virtue of provisions under Section 27 (4) of Organization to Assign Radio Frequency and to Regulate the Broadcasting and Telecommunications Services Act B.E. 2553 (2010), amended by Organization to Assign Radio Frequency and to Regulate the Broadcasting and Telecommunications Services Act (No. 2) B.E. 2560 (2007) and Section 27 (24), (25) and Section 81 paragraph two of Organization to Assign Radio Frequency and to Regulate the Broadcasting and Telecommunications Services Act B.E. 2553 (2010) in accompany with Section 6 paragraph two and Section 11 paragraph four of Radio Communications Act B.E. 2498 (1955), amended by Radio Communications Act (No. 3) B.E. 2535 (1992), the National Broadcasting and Telecommunication Commission therefore determines the exemption of license for radiocommunication equipment and radiocommunication station under Radio Communications Act B.E. 2498 (1955) as follows.

Clause 1 This Notification shall come into force as from the day following the date of its publication in the Government Gazette.

Clause 2 The following shall be repealed.

(1) The Notification of the National Telecommunication Commission on Exemption of License for Radiocommunication Equipment and Radio communication station dated 18 July 2007.

(2) The Notification of the National Telecommunication Commission on Exemption of License Radiocommunication Equipment and Radio communication station dated 22 October 2009.

(3) The Notification of the National Broadcasting and Telecommunication Commission on Determination of the Exemption of License for Radiocommunication Equipment and Radiocommunication station in Sound Broadcasting Service and Television Broadcasting Service under Radio Communications Act B.E. 2498 (1955) and B.E. 2556 (2013) dated 4 July 2013.

Clause 3 Radiocommunication equipment that has the nature or is used in the following services are exempted from license for manufacture, possession, use, import, export, and trade of radiocommunication equipment and establishment of radiocommunication station unless otherwise determined in the Notification of the National Broadcasting and Telecommunications Commission.

- (1) Electronic and telecommunication measuring instrument, medical instrument, and scientific and industrial measuring instrument
- (2) Radiocommunication equipment in category of Audio Transmitter in 88 – 108 MHz radio frequency, not over 10 mW Equivalent Isotropically Radiated Power (E.I.R.P.)
- (3) Radiocommunication equipment in the 54 – 74 mW and not over 10 mW transmitting power
- (4) Radiocommunication equipment in category of Radar in the 5.725 – 5.875 GHz radio frequency, 10 – 10.6 GHz, 24.05 – 24.25 GHz, and 76 – 81 GHz, not over 10 mW Equivalent Isotropically Radiated Power (E.I.R.P.)
- (5) Radiocommunication equipment in category of Radar Tank Gauge/Radar Level Gauge that is used in closed container only
- (6) Radiocommunication equipment in below 315 KHz radio frequency and not over 150 mW Equivalent Isotropically Radiated Power (E.I.R.P.)
- (7) Radiocommunication equipment in the 13.553 – 13.567 MHz radio frequency and not over 10 mW Equivalent Isotropically Radiated Power (E.I.R.P.)
- (8) Radiocommunication equipment in the 26.965 – 27.405 MHz radio frequency and not over 100 mW transmitting power
- (9) Radiocommunication equipment in the 30 – 50 MHz radio frequency and not over 10 mW transmitting power
- (10) Radiocommunication equipment in the 300 – 500 MHz radio frequency and not over 10 mW transmitting power
- (11) Radiocommunication equipment in the 2400 – 2500 MHz radio frequency and not over 100 mW Equivalent Isotropically Radiated Power (E.I.R.P.)
- (12) Radiocommunication equipment in the 4.150 – 5.350 GHz radio frequency and not over 200 mW Equivalent Isotropically Radiated Power (E.I.R.P.)
- (13) Radiocommunication equipment in the 5.470 – 5.725 GHz radio frequency and not over 1 W Equivalent Isotropically Radiated Power (E.I.R.P.)

(14) Radiocommunication equipment in the 5.725 – 5.850 GHz radio frequency and not over 1 W Equivalent Isotropically Radiated Power (E.I.R.P.)

(15) Radiocommunication equipment pocket unit for on-site paging system in the 25 – 470 MHz radio frequency and not over 50 mW Equivalent Isotropically Radiated Power (E.I.R.P.)

(16) Radiocommunication equipment in category of Radio Frequency Identification (RFID) in type of Passive Transponder/Passive Tag in 920 – 925 MHz radio frequency

(17) Radio receiver used in Radionavigation Service, radio receiver used in Radionavigation – Satellite Service, radio receiver used in Radiolocation Service or radio receiver used in Radiolocation – Satellite Service

(18) Radio receiver used Meteorological Aids Service, or radio receiver used in Meteorological Satellite Service

(19) Radio receiver used in Earth Exploration – Satellite Service

(20) Radio receiver used in Standard Frequency and Time Signal Service, or radio receiver used in Standard Frequency and Time Signal – Satellite Service

(21) Radio receiver used in Space Research Service

(22) Radio receiver used in Radio Astronomy Service

(23) Radio receiver used in Safety Service in accordance with Radio Regulation

The use of radiocommunication equipment in the natures or businesses under paragraph one must be subject to the following conditions.

(1) Any equipment is prohibited to connect, or tune with, or use as accessory of radiocommunication equipment for increasing radiated power to be excessive than the specified radiated power.

(2) The right of interference protection is not granted in use of the aforesaid radiocommunication equipment. If interference in intensity level occurs against the use of other licensed radio frequency in any area, the user must immediately suspend the use of such radio frequency that causes interference in that area.

(3) The use of the aforesaid radiocommunication equipment must not cause functional effect of radiocommunication equipment used as medical instrument.

Clause 4 Radiocommunication equipment that has the nature or is used in the following services are exempted from license for possession, use, and export of radiocommunication equipment, but are not exempted from license for manufacture, import or trade of radiocommunication equipment.

- (1) Radiocommunication equipment in category of radio control which is imitated invention in the 72.000 – 72.475 MHz radio frequency, not over 750 mW transmitting power
- (2) Radiocommunication equipment for citizen band in the 78 – 79 mW or 245 – 247 mW radio frequency range and not over 500 mW transmitting power
- (3) Video transmitter or video and audio transmitter in the 510 – 790 MHz radio frequency and not over 10 mW transmitting power
- (4) Short Range Devices in the nature of Wireless Local Area Network (WLAN) or Wireless Personal Area Network (WPAN) in the 57 – 66 GHz radio frequency and not over 10 W Equivalent Isotropically Radiated Power (E.I.R.P.); and radiocommunication equipment with integral antenna installed with radiocommunication equipment and without antenna connector for use of external antenna.
- (5) Cordless telephone used in personal service in the 1900 – 1906 MHz radio frequency and not over 10 mW transmitting power
- (6) Radiocommunication equipment in the 26.965 – 27.405 MHz radio frequency and over 100 mW but less than 500 mW transmitting power
- (7) Radiocommunication equipment pocket unit used in public radiocommunication service business that shares the use of central control station
- (8) Satellite television receiver for specific view, without use of signal for commercial exploitation or subscription television receiver, unless use for receiving or converting signal to receive sound broadcasting service or subscription television broadcasting service programs that must be licensed for manufacture, import, sale or possession for sale, or installation service of such instrument or equipment under Section 70 of Broadcasting and Television Businesses Act B.E. 2551 (2008)
- (9) Digital terrestrial television signal converter

Clause 5 Radiocommunication equipment that has natures or is used in the following services are exempted from license for manufacture, possession, use, import and export of radiocommunication equipment, and establishment of radio communication station, but are not exempted from license for trade of radiocommunication equipment.

(1) Radiocommunication equipment in category of Radio Frequency Identification (RFID) in type of Interrogator/Reader and Active Tag in the 920 – 925 MHz radio frequency and not over 50 mW Equivalent Isotropically Radiated Power (E.I.R.P.)

(2) Radiocommunication equipment not in category of RFID in the 920 – 925 MHz and not over 50 mW Equivalent Isotropically Radiated Power (E.I.R.P.)

Clause 6 Radiocommunication equipment that has natures or is used in the following services are exempted from license for possession, use and export of radiocommunication equipment, and establishment of radio communication station, but are not exempted from license for manufacture, import or trade of radiocommunication equipment.

(1) Radiocommunication equipment in category of Radio Frequency Identification (RFID) in type of Interrogator/Reader and Active Tag in the 920 – 925 MHz radio frequency and not over 500 mW Equivalent Isotropically Radiated Power (E.I.R.P.)

(2) Radiocommunication equipment not in category of RFID in the 920 – 925 MHz and not over 500 mW Equivalent Isotropically Radiated Power (E.I.R.P.)

(3) Radiocommunication equipment in regular service in 57 – 66 GHz and not over 500 mW transmitting power (E.I.R.P.)

Clause 7 Radiocommunication equipment pocket unit in mobile service, or radiocommunication equipment used in radiocommunication service business for Global Mobile Personal Communications by Satellite (GMPCS) System with brand, design or model inspected and certified for standard from the National Broadcasting and Telecommunications Commission are exempted from license for possession, import, export or trade of radiocommunication equipment.

Clause 8 Radiocommunication equipment pocket unit in mobile service, or radiocommunication equipment pocket unit used in radiocommunication service business for Global Mobile Personal Communications by Satellite (GMPCS) System of the domestic service provider is exempted from license for use of radiocommunication equipment.

Clause 9 Radiocommunication equipment pocket unit in mobile service, or radiocommunication equipment pocket unit used in radiocommunication service business for Global Mobile Personal Communications by Satellite (GMPCS) System of the international service provider is exempted from license for use, import or export of radiocommunication equipment.

Clause 10 Radiocommunication equipment for small-sized base station or repeater in mobile service with 100 mW carrier power to pocket unit and use of integral antenna is exempted from license for establishment of radio communication station.

Clause 11 Radiocommunication equipment for citizen band in the 78 – 79 mW or 245 – 247 mW radio frequency range and not over 500 mW transmitting power, whereas the possessor or user of the said radiocommunication equipment has been approved for possession or use from the owner, who has already been the licensee for possession and use of the said radiocommunication equipment, is exempted from license for possession and use of the said radiocommunication equipment, but excluding transfer of ownership of the said radiocommunication equipment to other person, in this case is must be licensed in accordance with Radio Communications Law.

Clause 13 The devices of radiocommunication equipment as stipulated by the National Broadcasting and Telecommunications Commission shall be regarded as radiocommunication equipment being assembled or used with the radiocommunication equipment which has already been licensed are exempted from re-license.

Clause 14 Radio communication station that is used in the following natures and complies with the conditions prescribed by the National Broadcasting and Telecommunications Commission are exempted from license for establishment of radio communication station.

- (1) Radio communication station legally used in administrative agency services on behalf of juristic person
- (2) Radio communication station legally used in government agency services on behalf of juristic person which is not administrative agency or not state enterprise
- (3) Radio communication station pocket unit used in public radiocommunication service business that shares the use of central control station
- (4) Satellite Television Receiver Only (TVRO) Station for specific view and non-use of signal for commercial exploitation.

- (5) Subscription Television Signal Receiver Only Station
- (6) Cordless Telephone Station used in personal service in 1900 – 1906 GHz radio frequency and not over 10 W transmitting power
- (7) Digital Terrestrial Television Reception Station for specific view, and non-use for commercial exploitation.

Clause 15 Radio communication station that is used in the following natures or businesses is temporarily exempted from license for possession and use of radiocommunication equipment and establishment of radio communication station for not more than three months are exempted from license for import or export of radiocommunication equipment.

- (1) Radiocommunication equipment used for test, search, research and development of radiocommunication technology or use in public benefit activities
- (2) Radiocommunication equipment used in specialized agency under United Nations, Office of International Committee of the Red Cross, Embassy, Embassy of Internuncio, Consular, General Consulate, and Consulate of foreign country.

Clause 16 Radiocommunication equipment or device of radiocommunication equipment which is imported into the Kingdom by the supplier (entrepreneur) in the export industrial zone, or as promoted by the Board of Investment under purpose of manufacturing or making as radiocommunication equipment or device of radiocommunication equipment for export, are exempted from license for import and possession of radiocommunication equipment.

Clause 17 Radiocommunication equipment or device of radiocommunication equipment which is manufactured or made for export by the supplier (entrepreneur) in the export industrial zone or as promoted by the Board of Investment are exempted from license for manufacture, possession and export of radiocommunication equipment.

Radiocommunication equipment or device of radiocommunication equipment under paragraph one, which is exported to outside the Kingdom and re-imported for correction, improvement or repair of defect and damage, are exempted from license for import, manufacture, possession and export of radiocommunication equipment.

Clause 18 Radiocommunication equipment or device of radiocommunication equipment which is imported into the Kingdom and stored in free zone for export, are exempted from license for import, possession, and export of radiocommunication equipment.

Promulgated on 18 December 2017.

General Sukit Khamasunthorn

The Commissioner of the National Broadcasting and Telecommunication Commission

Act as the Chairman of the National Broadcasting and Telecommunication Commission

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