

Notification of the Office of the National Broadcasting and Telecommunications Commission

**Re: Rules of License for Use of Radio Frequency for Ultra-Wideband Radiocommunication Equipment
in the 1.6 - 10.6 GHz Band**

Whereas it is expedient to stipulate the rules on use of radio frequency for ultra-wideband radiocommunication equipment in the 1.6-10.6 GHz band to be suitable for the situations of technology and use of domestic radio frequency in conformity to international requirements to facilitate people for accessibility to radiocommunication equipment without interference with one another, both in the same type of business and between each type of business.

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 (No. 2) Act B.E. 2560 (2007) and Section 27 (24) of Organization to Assign Radio Frequency and to Regulate the Broadcasting and Telecommunications Services B.E. Act 2553 (2010) in accompany with Section 6 and Section 11 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 promulgates the following.

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

Clause 2 This Notification shall apply instead in case where all notifications, rules, regulations, and any other orders have otherwise been stipulated herein, or in conflict or contradiction herewith.

Clause 3 The rules on use of radio frequency for ultra-wideband radiocommunication equipment in the 1.6 - 10.6 GHz band is as follows.

Radio frequency	Maximum radiated average power density (e.i.r.p.) (dBm/MHz)
1.6 – 2.0 GHz	- 41.3
2.0 – 2.2 GHz	- 62.0
2.2 – 3.4 GHz	- 41.3
3.4 – 4.2 GHz	- 77.0

Radio frequency	Maximum radiated average power density (e.i.r.p.) (dBm/MHz)
4.2 – 4.5 GHz	- 41.3
4.5 – 4.8 GHz	- 77.0
4.8 – 10.6 GHz	- 41.3

Clause 4 Ultra-wideband radiocommunication equipment in the 1.6 – 10.6 GHz band is exempted of license for manufacture, availability, use, import, export, and trade of radiocommunication equipment and license for establishment of radio communication station.

Clause 5 Ultra-wideband radiocommunication equipment in the 1.6 – 10.6 GHz band must have technical standard as specified by the notification of NBTC and must be inspected and certified for standard in accordance with the Notification of the National Broadcasting and Telecommunication Commission on Standard Inspection and Certification of Telecommunications Equipment and Device.

Clause 6 The right of interference protection is not granted for the use of radio frequency in the 1.6 – 10.6 GHz band. If interference in intensity level occurs against the use of radio frequency of other communication loop in any area, the user must immediately suspend the use of such radiocommunication equipment that causes interference in that area.

Clause 7 For maximum efficiency on use of radio frequency, NBTC may permit to use radio frequency hereunder in whole or in part in broadcasting business, television business, telecommunications business, radiocommunication business and other additional businesses as appropriate.

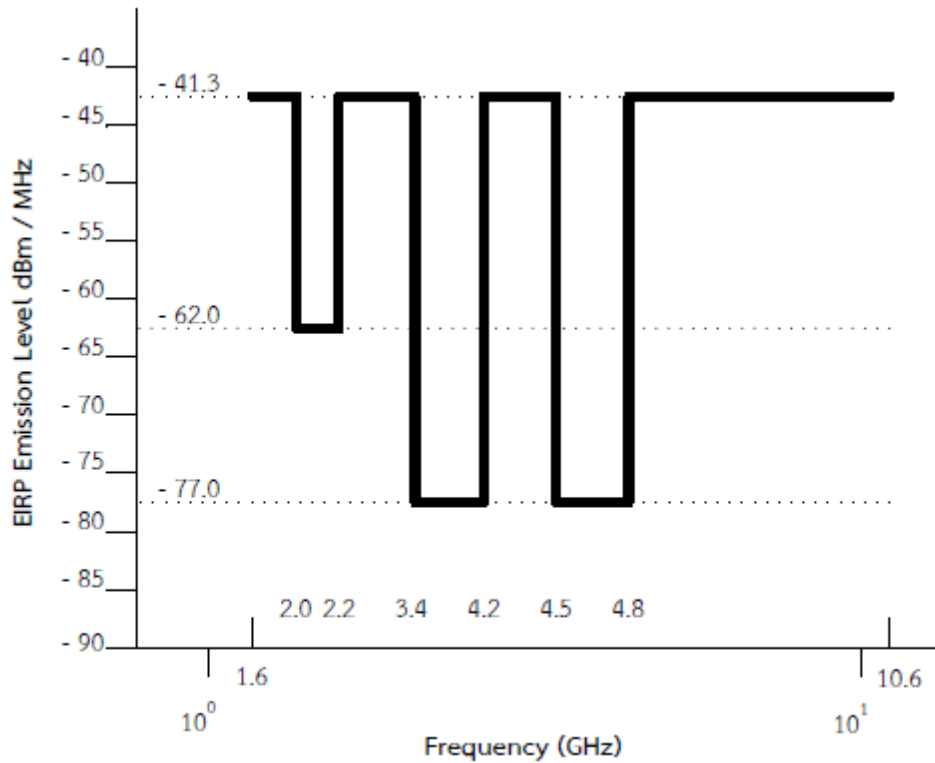
Promulgated on 30 November 2018

General Sukit Khamasunthorn

The Commissioner of the National Broadcasting and Telecommunication Commission

Act as the Chairman of the National Broadcasting and Telecommunication Commission

**Chart for Use of Radio Frequency
for Ultra-Wideband Radiocommunication Equipment
in the 1.6 – 10.6 GHz Band**



This translated version is prepared with the sole purpose of facilitating the comprehension of foreign participants in the telecommunication rules and regulations and shall not in any event or by any reason be construed or interpreted as having effect in substitution for supplementary to the Thai version thereof. If its translation to other languages is in contrary to Thai version, the latter shall prevail.

Please note that the translation has not been subjected to an official review by the Office of the National Broadcasting and Telecommunications Commission. The Office of NBTC, accordingly, shall not undertake any responsibility for its accuracy, nor be held liable for any loss or damages arising from or in connection with its use.
