DUPLICATE; Ministry of Information and Communications; May 26th, 2022 18:16:47

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| **MINISTRY OF INFORMATION AND COMMUNICATIONS**  -----------------------  No.: 2/2022/TT-BTTTT | **SOCIALIST REPUBLIC OF VIETNAM**  **Independence - Freedom – Happiness**  -----------------------  *Hanoi, May 16th, 2022* |

**CIRCULAR**

**Stipulating the list of potentially unsafe products and goods under the management of the Ministry of Information and Communications**

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*Pursuant to the Law on Product and Goods Quality dated November 21st, 2007;*

*Pursuant to the Law on Telecommunications on November 23rd, 2009;*

*Pursuant to the Law on Radio Frequency dated November 23rd, 2009;*

*Pursuant to the Law on Information Technology dated June 29th, 2006;*

*Pursuant to the Government's Decree No. 132/2008/ND-CP dated December 31st, 2008 detailing the implementation of a number of articles of the Law on Product and Goods Quality, the Decree No. 74/2018/ND-CP dated May 15th, 2018 of the Government amending and supplementing a number of articles of the Government's Decree No. 132/2008/ND-CP detailing the implementation of a number of articles of the Law on Product and Goods Quality;*

*Pursuant to the Decree No. 13/2022/ND-CP dated January 21st, 2022 amending and supplementing a number of articles of the Decree No. 132/2008/ND-CP dated December 31st, 2008, the Decree No. 74/2018/ ND-CP dated May 15th, 2018 of the Government detailing the implementation of a number of articles of the Law on Product and Goods Quality and the Decree No. 86/2012/ND-CP dated October 19th, 2012 of the Government detailing and guiding the implementation of a number of articles of the Law on Measurement;*

*Pursuant to the Decree No. 17/2017/ND-CP dated February 17th, 2017 of the Government defining the functions, tasks, powers and organizational structure of the Ministry of Information and Communications;*

*At the proposal of Director General of the Department of Science and Technology,*

*The Minister of Information and Communications promulgates the Circular stipulating the list of potentially unsafe products and goods under the management of the Ministry of Information and Communications.*

**Article 1. Scope of regulation**

1. This Circular stipulates the list of potentially unsafe products and goods under the management of the Ministry of Information and Communications (hereinafter referred to as the List of group-2 products and goods) and principles of group-2 products and goods management.

2. This Circular applies only to products and goods with HS codes and descriptions of products and goods specified in the List of group-2 products and goods.

**Article 2. Subjects of application**

This Circular applies to:

1. Organizations and individuals engaged in production and trading of products and goods on the List of group-2 products and goods in Vietnam.

2. Organizations and individuals engaged in activities related to quality control of products and goods on the List of group-2 products and goods in Vietnam.

**Article 3. List of group-2 products and goods**

1. The list of group-2 products and goods and the form of management are prescribed as follows:

a) “List of information technology and communication products and goods subject to certification and declaration of conformity” specified in Appendix I hereof.

b) “List of information technology and communication products and goods subject to declaration of conformity” specified in Appendix II hereof.

2. The Ministry of Information and Communications shall review, amend and supplement the List of group-2 products and goods from time to time, in accordance with the State's management policies.

**Article 4. Principles of group-2 products and goods management**

1. The quality control of products and goods on the List of group-2 products and goods shall comply with regulations of the Ministry of Information and Communications on certification and declaration of conformity, quality inspection for information technology and communication products and goods and corresponding technical regulations.

2. Products and goods on the List of group-2 products and goods with integrated functions of other products and goods on the List of group-2 products and goods subject to certification and declaration of conformity shall fully comply with technical regulations applicable to products and goods to be integrated.

3. Products and goods on the List of group-2 products and goods subject to two or more national technical regulations shall undergo certification and declaration of conformity according to the provisions of those technical regulations.

4. In case there are technical regulations issued before the effective date hereof, provisions on certification and declaration of conformity are different from those herein, they shall comply with provisions herein.

5. In case there are new technical regulations amending, supplementing or replacing technical regulations specified in the List of group-2 products and goods, the provisions of the new technical regulations shall apply.

**Article 5: Implementing provisions**

1. This Circular takes effect from July 1st, 2022.

2. The Circular No. 11/2020/TT-BTTTT dated May 14th, 2020 of the Minister of Information and Communications stipulating the list of potentially unsafe products and goods under the management of the Ministry of Information and Communications and the Circular No. 01/2021/TT-BTTTT dated May 14th, 2021 of the Minister of Information and Communications amending and supplementing the Circular No. 11/2020/TT-BTTTT dated May 14th, 2020 expire from the effective date hereof.

3. The Certificate of conformity and the Notice on receipt of the Declaration of conformity that have been issued before the effective date hereof and are still valid shall continue to be applicable until the effective time of a new technical regulation to replace the technical regulation and standard stated in the Certificate of Conformity and the Notice on receipt of the Declaration of conformity.

**Article 6. Implementing organization**

1. The Chief of Officer, Director General of the Department of Science and Technology, the heads of agencies and units under the Ministry of Information and Communications and relevant organizations and individuals are responsible for the implementation hereof.

2. In the process of applying technical regulations and measuring and testing, organizations and individuals are responsible for promptly reporting problems and complying with the guidance of the Ministry of Information and Communications (Department of Science and Technology).

3. In case there is a document to replace the Circular No. 65/2017/TT-BTC dated June 27th, 2017 of the Minister of Finance promulgating the List of Vietnam's import and export goods, the Ministry of Information and Communications shall promulgate a document on adjustment of HS codes and description of goods for products and goods on the List of group-2 products and goods promulgated together herewith for uniform and consistent application.

4. In case there are problems in determining HS codes of imported goods that are potentially unsafe products or goods within the scope of regulation hereof, the Ministry of Information and Communications (Department of Science and Technology) in coordination with the Ministry of Finance (General Department of Customs) shall guide and handle uniformly./.

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| ***Recipients:***  - Prime Minister, Deputy Prime Ministers (for reporting);  - Ministries, ministerial-level agencies, government-attached agencies;  - People's Committees of provinces and centrally run cities;  - Departments of Information and Communications of provinces and centrally run cities;  - Department of Legal Documents Examination (Ministry of Justice);  - Official Gazette, Government portal;  - Ministry of Information and Communications: Ministers and Deputy Ministers, agencies and units under the Ministry, Ministry portal;  - Archives: Document, Science and Technology (250). | **MINISTER**  *(Signed and sealed)*  **Nguyen Manh Hung** |

**Appendix 1**

**LIST OF INFORMATION TECHNOLOGY AND COMMUNICATION PRODUCTS AND GOODS SUBJECT TO CERTIFICATION AND DECLARATION OF CONFORMITY**

*(Issued together with the Circular No. 2/2022/TT-BTTTT dated May 16th, 2022 of the Minister of Information and Communications)*

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| **No.** | **Name of products and goods** | | **Applicable technical regulations** | | | | **HS Code under Circular No. 65/2017/TT-BTC** | | | | | **Description of products and goods** | |
| **1** | **Radio transmitters, transceivers in the frequency band between 9 kHz and 400 GHz** | | | | | | | | | | | | |
| 1.1 | Radio transmitters, transceivers for use in the terrestrial mobile or fixed radio communication services | | | | | | | | | | | | |
| 1.1.1 | Terrestrial mobile communication terminal (a) | | QCVN 117:2020/BTTTT  QCVN 86:2019/ BTTTT (\*)  QCVN 101:2020/BTTTT (\*) | | | | 8517.12.00 | | | | | Terrestrial mobile phones use E-UTRA FDD technology and can integrate one or more of the following functions:  - W-CDMA FDD mobile communication terminal;  - GSM mobile communication terminal;  - Fifth generation mobile communication terminal (5G);  - Radio transceivers using spread spectrum modulation in the 2.4 GHz band;  - 5 GHz band radio access;   * Short range radio transmitters, transceivers. | |
| 8517.62.59 | | | | | Terrestrial mobile communication terminal (receiver-combined transmission equipment) other than mobile phones, integrates/uses one or more technologies: E-UTRA FDD technology; W-CDMA FDD technology; GSM technology;  and can integrate one or more of the following functions:  - Fifth generation mobile communication terminal (5G);  - Radio transceivers using spread spectrum modulation in the 2.4 GHz band;  - 5 GHz band radio access;  - Short range radio transmitters, transceivers. | |
| 1.1.2 | Fifth generation mobile communication terminal (5G) (a) | | + With respect to stand-alone 5G mobile communication network terminals:  QCVN 127:2021/BTTTT  QCVN 18:2014/BTTTT (\*)  QCVN 101:2020/BTTTT (\*)  + With respect to hybrid 5G mobile communication network terminals:  QCVN 129:2021/BTTTT  QCVN 18:2014/BTTTT (\*)  QCVN 101:2020/BTTTT (\*) | | | | | 8517.12.00  8517.62.59 | | | | | Telephone or mobile terminal (receiver-combined transmission equipment) uses the fifth generation (5G) mobile communication technology with or without integrating one or more of the following functions:  - Terrestrial mobile communication terminal;  - Radio transceivers using spread spectrum modulation in the 2.4 GHz band;  - 5 GHz band radio access;   * Short range radio transmitters, transceivers. |
| 1.1.3 | GSM mobile communication base station equipment | | | QCVN 4E2016/BTTTT  QCVN 103:2016/BTTTT | | | 8517.61.00 | | | | Base station equipment in mobile phone networks uses GSM technology with or without integrating one or more of the following functions:  - W-CDMA FDD mobile communication base station equipment;  - E-UTRA FDD mobile communication base station equipment;  - Fifth generation mobile communication base station equipment (5G). | | |
| 1.1.4 | W-CDMA FDD mobile communication base station equipment | | | QCVN 16:2018/BTTTT  QCVN 103:2016/BTTTT | | | 8517.61.00 | | | | Base station equipment in mobile phone networks uses W-CDMA FDD technology with or without integrating one or more of the following functions:  - GSM mobile communication base station equipment;  - E-UTRA FDD mobile communication base station equipment;  - Fifth generation mobile communication base station equipment (5G). | | |
| 1.1.5 | E-UTRA FDD mobile communication base station equipment | | | QCVN 110:2017/BTTTT  QCVN 103:2016/BTTTT | | | 8517.61.00 | | | | Base station equipment in mobile phone networks uses E-UTRA FDD technology with or without integrating one or more of the following functions:  - GSM mobile communication base station equipment;  - W-CDMA FDD mobile communication base station equipment;  - Fifth generation mobile communication base station equipment (5G). | | |
| 1.1.6 | GSM mobile communication repeater | QCVN 47:2015/BTTTT  QCVN 103:2016/BTTTT (\*) | | | | | 8517.62.59 | | | | The equipment is capable of receiving and transmitting signals of mobile communication networks using GSM technology, with or without integrating one or more of the following functions:  - W-CDMA FDD mobile communication repeater;  - E-UTRA FDD mobile communication repeater;   * Fifth generation mobile communication repeater (5G). | | |
| 1.1.7 | W-CDMA FDD mobile communication repeater | QCVN 66:2018/BTTTT  QCVN 103:2016/BTTTT (\*) | | | | | 8517.62.59 | | | | The equipment is capable of receiving and transmitting signals of mobile communication networks using W-CDMA FDD technology with or without integrating one or more of the following functions:  - GSM mobile communication repeater;  - E-UTRA FDD mobile communication repeater;   * Fifth generation mobile communication repeater (5G). | | |
| 1.1.8 | E-UTRA  FDD mobile communication repeater | | | QCVN 111:2017/BTTTT  QCVN 103:2016/BTTTT($) | | 8517.62.59 | | | | | | The equipment is capable of receiving and transmitting signals of mobile communication networks using E-UTRA FDD technology with or without integrating one or more of the following functions:   * GSM mobile communication repeater; * W-CDMA FDD mobile communication repeater; * Fifth generation mobile communication repeater (5G). | |
| 1.1.9 | Fifth generation mobile communication base station equipment (5G) | | | QCVN 128:2021/BTTTT  QCVN 18:2014/BTTTT (\*) | | 8517.61.00 | | | | | | Base station equipment of the fifth generation (5G) mobile communication network integrates or does not integrate one or more of the following functions:  - GSM mobile communication base station equipment;  - W-CDMA FDD mobile communication base station equipment;   * E-UTRA FDD mobile communication base station equipment. | |
| 1.1.10 | Fifth generation mobile communication repeater (5G) | | | QCVN 47:2015/BTTTT  QCVN 18:2014/BTTTT (\*) | | 8517.62.59 | | | | | | The equipment is capable of receiving and transmitting signals of the fifth generation (5G) mobile communication network with or without integrating one or more of the following functions:  - GSM mobile communication repeater;  - W-CDMA FDD mobile communication repeater;   * E-UTRA FDD mobile communication repeater. | |
| 1.1.11 | Low power wide area network (LPWAN) radio equipment (\*\*\*) | * For equipment operating in the band 920 MHz - 923 MHz:   + With respect to equipment with a transmitting capacity of up to 25 mW ERP  QCVN 122:2020/BTTTT  QCVN 18:2014/BTTTT (\*)  + With respect to equipment with a transmitting capacity of over 25 mW ERP to 306 mW ERP  QCVN 47:2015/BTTTT  QCVN 18:2014/BTTTT (\*)  - For equipment operating in the band 433.05 MHz - 434.79 MHz with a transmitting capacity of up to 100 mW ERP:  QCVN 47:2015/BTTTT  QCVN 18:2014/BTTTT (\*) | | | | | 8517.61.00  8517.62.21  8517.62.59  8517.62.69  8517.62.99  8517.69.00 | | | | Base station equipment, radio access equipment, or terminal is capable of sensing, measuring, recording, and transmitting the parameters to be measured via the radio interface. | | |
| 9015.10.90  9026.80.20 | | | | Sensors are capable of measuring environmental parameters, recording and transmitting the parameters to be measured via the radio interface. | | |
| 1.1.12 | Terrestrial mobile radio equipment with integral antenna for analog voice (a) | QCVN 37:2018/BTTTT  QCVN 18:2014/BTTTT C) | | | | | 8517.12.00 | | | | Hand-held radio equipment with integral antenna, uses angle modulation in the terrestrial mobile services, primarily for analog voice, operating in the radio frequency range of 30 MHz to 1000 MHz with channel spacing of 12.5 kHz and 25 kHz. | | |
| 1.1.13 | Terrestrial mobile radio equipment with removable antenna for data (and voice) transmission (a) | | QCVN 42:2011/BTTTT  QCVN 18:2014/BTTTT | | | |  | | | | Digital radio equipment and combined analog/digital equipment have removable antennas for the purpose of data and/or voice transmission, including: | | |
| 8517.61.00 | | | | - Base station equipment (with antenna socket to be used in a fixed location); | | |
| 8517.12.00 | | | | - Mobile station (with an antenna socket commonly used on a vehicle or as a mobile station) or handset for data and/or voice transmission. | | |
| 1.1.14 | Terrestrial mobile radio equipment with removable antenna for analog voice (a) | | QCVN 43:2011/BTTTT  QCVN 18:2014/BTTTT (\*) | | | |  | | | | Equipment in an angle modulation system is used in terrestrial mobile services, operating at radio frequencies between 30 MHz and 1000 MHz, with channel spacing of 12.5 kHz and 25 kHz for analog voice, including: | | |
| 8517.61.00 | | | | - Base station equipment (with antenna socket); | | |
| 8517.12.00 | | | | - Mobile station (with antenna socket); | | |
| 8517.12.00 | | | | - Handsets are with antenna socket; or without antenna socket (integral antenna equipment) but with a permanent or temporary internal 50 Ω RF connector allowing connection to the transmitter output port and the receiver input port. | | |
| 1.1.15 | Terrestrial mobile radio equipment with integral antenna for data (and voice) transmission (a) | QCVN 44:2018/BTTTT  QCVN 18:2014/BTTTT | | | | | 8517.12.00 | | | | Terrestrial mobile radio equipment uses constant envelope angular modulation, operating in the radio frequency range of 30 MHz to 1 GHz, with channel spacing of 12.5 kHz and 25 kHz, including handheld digital or combined analog/digital radio equipment using an integral antenna for data and/or voice transmission. | | |
| 1.2 | Radio transmitters, transceivers specialized for television and radio broadcasting | | | | | | | | | | | | |
| 1.2.1 | DVB-T2 Digital Television Transmitter | QCVN 77:2013/BTTTT | | | | | 8525.50.00 | | | | Transmitter for terrestrial television service uses DVB-T2 digital standard with 8 MHz channel bandwidth. | | |
| 1.2.2 | Radio broadcasting equipment using amplitude modulation (AM) | QCVN 29:2011/BTTTT | | | | | 8525.50.00 | | | | Amplitude modulation (AM) radio equipment is used in radio broadcasting services, operating in the medium wave (from 526.5 kHz to 1606.5 kHz) and short wave (from 3.2 MHz to 26.1 MHz) frequency range. | | |
| 1.2.3 | Radio broadcasting equipment using frequency modulation (FM) | QCVN 30:2011/BTTTT | | | | | 8525.50.00 | | | | Frequency modulation (FM) radio equipment is used in radio broadcasting services, operating in both mono and stereo modes, in the frequency range 87 MHz to 108 MHz. | | |
| 1.2.4 | Wireless radio equipment using frequency modulation (FM) in the frequency band 54 MHz to 68 MHz | | QCVN 70:2013/BTTTT | | | 8525.50.00 | | | | Wireless radio equipment uses frequency modulation (FM) in the frequency band 54 MHz to 68 MHz, operating in mono mode. | | | |
| 1.3 | Radar equipment | | | | | | | | | | | | |
| 1.3.1 | Radar equipment (except for radar equipment used for seagoing vessels and radars of short range radio transmitters, transceivers) | | QCVN 47:2015/BTTTT  QCVN 18:2014/BTTTT (\*) | | | 8526.10.10  8526.10.90 | | | | All types of radar equipment are used on the ground, or equipped on civil aircraft, except for radar equipment used for seagoing vessels and radars of short range radio transmitters, transceivers. | | | |
| **2** | **Short range radio transmitters, transceivers** (\*\*) | | | | | | | | | | | | |
| 2.1 | Cordless telephone equipment with DECT lead-in extension (a) | | QCVN 47:2015/BTTTT  QCVN 22:2010/BTTTT  QCVN 22:2021/BTTTT  QCVN 113:2017/BTTTT | | | | | 8517.11.00 | | A wired telephone set consists of a Base Station accompanied by one or more auxiliary stations using DECT technology. Auxiliary stations connect to a fixed network through a base station, which is a landline telephone connecting the call to a fixed network. | | | |
| 2.2 | Short range radio transmitters and transceivers for general purposes | * For equipment operating in the frequency range 9 kHz - 25 MHz:   QCVN 55:2011/BTTTT  QCVN 96:2015/BTTTT (\*)   * For equipment operating in the frequency range 25 MHz - 1 GHz:   QCVN 73:2013/BTTTT  QCVN 96:2015/BTTTT (\*)   * For equipment operating in the frequency range 1 GHz - 40 GHz:   QCVN 74:2020/BTTTT  QCVN 96:2015/BTTTT (\*) | | | | | | 8517.62.59  8517.62.69 | | | Equipment with an external antenna connector and/ or with an integrated antenna, is used for transmitting or receiving voice, video or other data; including devices using near field communication technology NFC (Near Field Communication) actively. Not applicable to the equipment mentioned in item 4.1, Appendix II. | | |
| - For equipment operating in the frequency range 40 GHz - 246 GHz:  QCVN 123:2021/BTTTT  QCVN 18:2014/BTTTT (\*) | | | | | | 8517.62.59  8526.10.10  8526.10.90  8526.92.00 | | | Radio warning equipment, radio remote control equipment, radio telemetry equipment, general data transmission equipment, operate in the frequency range 40 GHz to 246 GHz in the following cases:  - There is a radio output connection with a separate antenna or with an integrated antenna;  - Use of all kinds of modulation;   * Fixed, mobile and handheld equipment. | | |
| 2.3 | Radio transceivers using spread spectrum modulation in the 2.4 GHz band with an equivalent isotropic radiated power of 60 mW or more (a) | QCVN 54:2020/BTTTT  QCVN 112:2017/BTTTT (\*) | | | | | | 8517.62.51 | | | WiFi transceivers are used in wireless local area networks in the 2.4 GHz band (WiFi modem, WiFi transmitter) with an equivalent isotropic radiated power of 60 mW or more, with or without integrating one or more of the following functions:  - 5 GHz band radio access;  - Terrestrial mobile communication terminal;  - Fifth generation mobile communication terminal (5G);   * Other short range radio transceivers. | | |
| 8525.80.40 | | | Flycams (television, digital, and video cameras mounted on drones) use remote control technology, transmitting images by radio waves with spread spectrum modulation in the 2.4 GHz band and with an equivalent directed radiated power of 60 mW or more. | | |
| 8802.20.90 | | | | UAV/Drone (remote-controlled flying vehicle, which can integrate television camera equipment, digital camera and video recorder) uses remote control technology, transmitting images by radio waves with spread spectrum modulation in the 2.4 GHz band and with an equivalent isotropic radiated power of 60 mW or more. | |
| 2.4 | 5 GHz band radio access equipment with an equivalent isotropic radiated power of 60 mW or more (a) | * Before July 1st, 2023:   QCVN 65:2013/BTTTT  (or QCVN 65:2021/BTTTT (\*\*\*\*))  QCVN 112:2017/BTTTT (\*)   * Since July 1st, 2023:   QCVN 65.-2021/BTTTT (\*\*\*\*)  QCVN 112:2017/BTTTT (\*) | | | | | | 8517.62.51 | | | | WiFi transceivers are used in wireless local area networks in the 5 GHz band (WiFi modem, WiFi transmitter) with an equivalent isotropic radiated power of 60 mW or more, with or without integrating one or more of the following functions:  - Radio transceivers using spread spectrum modulation in the 2.4 GHz band;  - Terrestrial mobile communication terminal;   * Fifth generation mobile communication terminal (5G); * Other short range radio transceivers. | |
| 8525.80.40 | | | | Flycams (television, digital, and video cameras mounted on drones) use remote control technology, transmitting images by radio waves with spread spectrum modulation in the 5 GHz band and with an equivalent directed radiated power of 60 mW or more. | |
| 8802.20.90 | | | | UAV/Drone (remote-controlled flying vehicle, which can integrate television camera equipment, digital camera and video recorder) uses remote control technology, transmitting images by radio waves with spread spectrum modulation in the 5 GHz band and with an equivalent isotropic radiated power of 60 mW or more. | |
| 2.5 | Radar equipment used in road or railway traffic | - For equipment operating in the frequency range 24 GHz - 24,25 GHz:  QCVN 47:2015/BTTTT  QCVN 96:2015/BTTTT (\*) | | | | | | 8526.10.10  8526.10.90 | | | | Short-range radar equipment is used for applications in traffic information (road or railway) such as cruise control, detection, warning, and avoidance of collision between vehicles and surrounding objects. | |
| 2.6 | Radio detection and warning equipment | - For equipment operating in the frequency range 9 kHz - 25 MHz:  QCVN 55:2011/BTTTT  QCVN 96:2015/BTTTT (\*)  - For equipment operating in the frequency range 25 MHz - 1 GHz:  QCVN 47:2015/BTTTT  QCVN 96:2015/BTTTT (\*) | | | | | | 8526.92.00 | | | | The equipment consists of sensors and control systems connected to each other via radio interfaces for radio warning and detection purposes. | |
| 2.7 | Radio remote control equipment | * For equipment operating in the frequency range 9 kHz - 25 MHz:   QCVN 55:2011/BTTTT  QCVN 96:2015/BTTTT (\*)   * For equipment operating in the frequency range 25 MHz - 1 GHz:   QCVN 73:2013/BTTTT  QCVN 96:2015/BTTTT (\*)   * For equipment operating in the frequency range 1 GHz - 40 GHz:   QCVN 74:2020/BTTTT  QCVN 96:2015/BTTTT | | | | | | 8526.92.00 | | | | The equipment uses radio waves for control of models, and industrial and civil control. | |
| - For equipment not covered by QCVN 73:2013/BTTTT, QCVN 74:2020/BTTTT:  QCVN 47:2015/BTTTT  QCVN 96:2015/BTTTT (\*) | | | | | |  | | | |  | |
| 2.8 | Radio frequency identification equipment (RTID) | | * For equipment operating in the frequency range 9 kHz - 25 MHz:   QCVN 55:2011/BTTTT  QCVN 96:2015/BTTTT   * For equipment operating in the frequency range 25 MHz - 1 GHz:   QCVN 73:2013/BTTTT  QCVN 96:2015/BTTTT (\*)  With respect to equipment operating in the band 918,4 MHz - 923 MHz  QCVN 47:2015/BTTTT  QCVN 96:2015/BTTTT   * For equipment operating in the frequency range 1 GHz - 40 GHz:   QCVN 74:2020/BTTTT  QCVN 96:2015/BTTTT (\*) | | | | | 8517.62.59 | | | The equipment uses radio waves to automatically identify, track, and manage goods, people, animals and other applications. The equipment has two separate units connected via a radio interface:  - Radio transceivers, which store information in the form of electronic chip-carrying tags (RF tags), mounted on the object to be identified; only applicable to cards with power supply.   * Radio transceivers (RF Reader) which activate the radio tag and receive the tag's information, transfer to the data processing system. | | |
| 2.9 | Non-stop traffic toll collection equipment using radio frequency identification (RFID) technology | QCVN 47:2015/BTTTT  QCVN 96:2015/BTTTT (\*) | | | 8517.62.59 | | | | The non-stop traffic toll collection equipment applies radio frequency identification (RFID) technology in the band 920 MHz - 923 MHz with high power over 500 mW ERP, with two separate units connected through a radio interface:  - Radio transceivers, which store information in the form of electronic chip-carrying tags (RF tags), mounted on the object to be identified; only applicable to cards with power supply.   * Radio transceivers (RF Reader) which activate the radio tag and receive the tag's information, transfer to the data processing system. | | | | |
| 2.10 | Wireless audio equipment | QCVN 91:2015/BTTTT | | | 8518.10.11  8518.10.19  8518.10.90 | | | | Wireless microphone has an operating frequency range of 25 MHz - 2000 MHz | | | | |
| 8518.21.10  8518.21.90  8518.22.10  8518.22.90  8518.29.20  8518.29.90 | | | | Wireless speaker has an operating frequency range of 25 MHz - 2000 MHz | | | | |
| 8518.30.10  8518.30.20 | | | | Wireless headphone has an operating frequency range of 25 MHz - 2000 MHz | | | | |
| 8518.30.51  8518.30.59  8518.30.90 | | | | Wireless combo microphone/speaker has an operating frequency range of 25 MHz - 2000 MHz | | | | |
| 8525.50.00 | | | | Personal FM radio | | | | |
| 2.11 | Ultra wideband (UWB) data transmission equipment | QCVN 47:2015/BTTTT  QCVN 94:2015/BTTTT (\*) | | | 8517.62.59 | | | | The equipment uses ultra wideband (UWB) technology for indoor fixed or mobile and portable communications, including:  - Stand-alone radio equipment with or without attached controls;  - Modular plug-in radio equipment used to plug into various host devices, such as personal computers, handheld terminals, etc.;  - Plug-in radio equipment used in combination equipment, such as cable modems, set-top boxes, access points;  - Combination equipment or combinations of plug-in radio equipment and a specific host device;  - Equipment used in road and railway vehicles. | | | | |

*Note: The implementation of certification and declaration of conformity for products and goods is specified in Appendix I for some specific cases as follows:*

*(\*) With respect to this technical regulation, products and goods are not required to undergo certification of conformity but only undergo declaration of conformity like those on the list mentioned in Appendix II hereof. With respect to QCVN 101:2020/BTTTT, it is only applicable to mobile phones and only the declaration of conformity with the requirements for safety characteristics specified in Article 2.6 of the regulation is required.*

*(\*\*) Short-range radio transmitter, receiver-transmitter means short-range radio equipment specified in the Circular of the Minister of Information and Communications stipulating the list of radio equipment exempted from license to use radio frequencies, and the technical and operational conditions attached thereto. Short-range radio transmitter, receiver-transmitter excludes radio receiver-only equipment; radio transceivers using spread spectrum modulation techniques in the 2.4 GHz band with an equivalent isotropic radiated power of less than 60 mW; radio access equipment in the 5 GHz band with an equivalent isotropic radiated power of less than 60 mW. Certification and declaration of conformity shall only be carried out when the equipment is suitable in terms of frequency bands and technical and operational conditions as prescribed.*

*(\*\*\*) Certification and declaration of conformity shall only be carried out when the equipment is suitable in terms of frequency bands and technical and operational conditions as prescribed in the Circular of the Minister of Information and Communications stipulating the List of radio equipment exempted from license to use radio frequencies, and the technical and operational conditions attached thereto.*

*(\*\*\*\*) With respect to QCVN 65:2021/BTTTT: in article 2.1.2 of QCVN 65:2021/BTTTT, formula (1) is not applicable.*

*(a) Not applicable to explosion-proof communication equipment.*

*(b) QCVN 22:2021/BTTTT is applicable from January 1st, 2023.*

**Appendix II**

**LIST OF INFORMATION TECHNOLOGY AND COMMUNICATION PRODUCTS AND GOODS SUBJECT TO DECLARATION OF CONFORMITY**

*(Issued together with the Circular No. …/2022/TT-BTTTT dated …. 2022 of the Minister of Information and Communications)*

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| **No.** | | **Name of products and goods** | | **Applicable technical regulations** | | | **HS Code under Circular No. 65/2017/TT-BTC** | | **Description of products and goods** | |
| **1** | | **Information technology equipment** | | | | | | | | |
| 1.1 | | Desktop computer | | QCVN 118:2018/BTTTT | | | 8471.41.10 | | The equipment is designed to be contained within the same enclosure, with at least one central processing unit, one input unit and one output unit, combined or not, with or without integrating one or more functions:  - Radio transceivers using spread spectrum modulation in the 2.4 GHz band;  - 5 GHz band radio access;  - W-CDMA FDD mobile communication terminal;  - E-UTRA FDD mobile communication terminal;  - Fifth generation mobile communication terminal (5G);  - Short range radio transmitters, transceivers. | |
| 1.2 | | Laptop and portable computer | | QCVN 118:2018/BTTTT  QCVN 101:2020/BTTTT | | | 8471.30.20 | | The portable automatic data processing machine, weighing not more than 10 kg, consists of at least one central data processing unit, one keyboard and one monitor, with or without integrating one or more functions:  - Radio transceivers using spread spectrum modulation in the 2.4 GHz band;  - 5 GHz band radio access;  - W-CDMA FDD mobile communication terminal;  - E-UTRA FDD mobile communication terminal;  - Fifth generation mobile communication terminal (5G);  - Short range radio transmitters, transceivers. | |
| 1.3 | | Tablet | | QCVN 118:2018/BTTTT  QCVN 101:2020/BTTTT (\*) | | | 8471.30.90 | | The portable automatic data processing machine, weighing not more than 10 kg, consists of at least one central data processing unit, one keyboard and one monitor (except laptops, notebooks, subnotebooks), with or without integrating one or more functions:   * Radio transceivers using spread spectrum modulation in the 2.4 GHz band;   - 5 GHz band radio access;  - Short range radio transceivers. | |
| **2** | | **Radio and television equipment** | | | | | | | | |
| 2.1 | | Set Top Box in satellite TV network (except for DVB-S/S2 satellite digital Set Top Box) | | QCVN 118:2018/BTTTT | | | 8528.71.91  8528.71.99 | | The satellite Set Top Box is in analog form, without interaction function. | |
| 2.2 | | DVB-S/S2 satellite digital Set Top Box | | QCVN 118:2018/BTTTT | | | 8528.71.91  8528.71.99 | | Receiver is used to receive and decode unencrypted satellite TV signals (Free To Air - FTA) with DVB-S and/or DVB-S2 technology, and supports SDTV/HDTV, without interaction function. | |
| 2.3 | | Set Top Box in digital cable television network | | QCVN 118:2018/BTTTT | | | 8528.71.11  8528.71.19  8528.71.91  8528.71.99 | | Set Top Box in digital cable television network. The equipment may or may not be able to interact with service providers. | |
| 2.4 | | Set Top Box in IPTV network | | QCVN 118:2018/BTTTT | | | 8528.71.1 1  8528.71.19  8528.71.91  8528.71.99 | | Set Top Box in IPTV network (television over internet). The equipment may or may not be able to interact with service providers. | |
| 2.5 | | DVB-T2 terrestrial digital set top box (DVB-T2 Set Top Box) | | QCVN 63:2020/BTTTT  QCVN 118:2018/BTTTT | | 8528.71.91  8528.71.99 | | | The terrestrial digital set top box uses DVB-T2 technology, without interaction function. |
| 2.6 | | Television receiver with built-in DVB-T2 (iDTV) digital terrestrial television signal reception function | | QCVN 63:2020/BTTTT  QCVN 118:2018/BTTTT | | 8528.72.92  8528.72.99 | | | The television receiver has the function of decoding terrestrial digital television signals using DVB-T2 technology. It is designed for video or display mounting, colourful, non-battery-operated and cathode-ray tube free. |
| 2.7 | | Amplifier in cable TV distribution system | | QCVN 72:2013/BTTTT | | 8517.62.49 | | | The equipment has the function of amplifying signals used in cable television networks (carrier wired systems or digital wired systems). |
| **3** | | **Radio transmitters, transceivers with a frequency band between 9 kHz and 400 GHz and with a transmitting capacity of 60 mW or more** | | | | | | | |
| 3.1 | | Radio transmitters, transceivers for use in the terrestrial mobile or fixed radio communication services | | | | | | | |
| 3.1.1 | | Digital microwave equipment | | - For point-to-point digital microwave equipment in frequency range of 1.4 GHz to 55 GHz:  QCVN 53:2017/BTTTT  QCVN 18:2014/BTTTT  - For digital microwave equipment other than point-to-point digital microwave equipment in frequency range of 1.4 GHz to 55 GHz:  QCVN 47:2015/BTTTT  QCVN 18:2014/BTTTT | | 8517.62.59 | | | The transmission equipment combined with the receiver uses digital microwave technology. |
| 3.1.2 (a) | | Terrestrial trunked radio equipment (TETRA) | | QCVN 47:2015/BTTTT  QCVN 100:2015/BTTTT | |  | | | The terrestrial trunked radio equipment TETRA consists of: |
| 8517.61.00 | | | - Base station equipment (BS); |
| 8517.12.00 | | | * Mobile phone (MS); * Mobile phone - direct mode (DM-MS); * Mobile phone- DW (DW-MS); |
| 8517.62.59 | | | * Repeater - direct mode (DM-REP), other than phones; * Repeater/gateway equipment- direct mode (DM- REP/GATE), other than phones; * Repeater - trunk mode (TMO- REP), other than phones; |
| 8517.62.59  8517.62.69 | | | * Gateway equipment - direct mode (DM- GATE), other than phones; * Mobile equipment of TETRA radio communication systems, other than phones. |
| 3.2 | | Radio transmitters, transceivers specialized for satellite communications (except for mobile equipment used in navigation and aviation) | | | | | | | | |
| 3.2.1 | | VSAT equipment operating in C band | | QCVN 38:2011/BTTTT  QCVN 18:2014/BTTTT | | 8517.62.59 | | VSAT equipment (receiver-combined transmission equipment) operates in the C band of the geostationary orbit satellite communication service. | | |
| 3.2.2 | | VSAT equipment operating in Ku band | | QCVN 39:2011/BTTTT  QCVN 18:2014/BTTTT | | 8517.62.59 | | VSAT equipment (receiver-combined transmission equipment) operates in the Ku band of the geostationary orbit satellite communication service. | | |
| 3.2.3 | | Mobile earth station (terminal) of the non-geostationary satellite global system for mobile communications in the band 1 GHz - 3 GHz | | QCVN 40:2011/BTTTT  QCVN 18:2014/BTTTT | | 8517.62.59 | | Mobile earth station (terminal) of the non-geostationary satellite global system for mobile communications in the band 1 GHz - 3 GHz (receiver-combined transmission equipment). | | |
| 3.2.4 | | Mobile earth station equipment operating in the Ku band. | | QCVN 116:2017/BTTTT | | 8517.62.59 | | Mobile earth station (MES) equipment (except for aeronautical mobile earth stations, operating in the Ku band) operates in the frequency bands of the fixed-satellite services (FSS) (receiver-combined transmission equipment):  - 10.70 GHz to 11.70 GHz (space-to-earth dimension);  - 12.50 GHz to 12.75 GHz (space-to-earth dimension);  - 14.00 GHz to 14.25 GHz (earth-to-space dimension). | | |
| 3.3 | | Radio transmitters, transceivers specialized for maritime mobile services (including auxiliary and satellite equipment) | | | | | | | | |
| 3.3.1 | | VHF radio transceivers of coastal stations under the GMDSS | | QCVN 24:2011/BTTTT  QCVN 119:2019/BTTTT | |  | | | Transmitters and transceivers with external antenna connectors of coastal stations, operate in the VHF band of the maritime mobile service and use G3E and G2B emissions for DSC signaling: | |
| 8517.62.53 | | | - Analogue voice equipment, digital selective calling (DSC), or both; | |
| 8517.62.59 | | | - The equipment operates in the band 156 MHz to 174 MHz;  - The equipment operates by local control or remote control;  - The equipment operates with a channel spacing of 25 kHz;  - The equipment operates in simplex, half-duplex and full-duplex modes;  - The equipment may consist of several units;  - The equipment can be single-channel or multi-channel;  - The equipment operates in shared radio areas;  - The equipment operates separately from other radio equipment. | |
| 3.3.2 | | Two-way VHF radiotelephone equipment permanently installed on the lifeboat | | QCVN 26:2011/BTTTT  QCVN 119:2019/BTTTT | | 8517.18.00 | | | The two-way VHF radiotelephone equipment operates in the band 156 MHz to 174 MHz, is used in the maritime mobile service and suitable for permanent installation on a lifeboat of the global maritime distress and safety system (GMDSS). | |
| 3.3.3 | | Inmarsat-C equipment for use on ships | | QCVN 28:2011/BTTTT  QCVN 119:2019/BTTTT | | 8517.62.59 | | | Inmarsat-C earth station equipment is used on ships under the Global Maritime Distress and Safety System (GMDSS) (receiver-combined transmission equipment). | |
| 3.3.4 | | VHF radiotelephone equipment for use on survival craft | | QCVN 50:2020/BTTTT  QCVN 119:2019/BTTTT | | 8517.18.00 | | | Portable VHF radiotelephone equipment operates in the maritime mobile service band from 156 MHz to 174 MHz; is suitable for use on lifeboats and may be used on ships. | |
| 3.3.5 | | Emergency Position Indicating Radio Beacon (EPIRB) operating in the band 406.0 MHz to 406.1 MHz | | QCVN 57:2018/BTTTT  QCVN 119:2019/BTTTT | | 8517.62.61 | | | The Emergency Position Indicating Radio Beacon (for telegraph transmission only) (EPIRB) via the COSPAS-SARSAT satellite system is used for radio communication in the Global Maritime Distress and Safety System (GMDSS). | |
| 3.3.6 | | Personal locator beacon operating on the band 406.0 MHz to 406.1 MHz | | QCVN 108:2016/BTTTT  QCVN 119:2019/BTTTT | | 8517.62.61 | | | The personal locator beacon (for telegraph transmission only) equipment (hereinafter referred to as PLB) operates in the COSPAS-SARSAT satellite system. These PLBs operate on the band 406.0 MHz to 406.1 MHz and have a temperature range of:  - From -40 °C to +55 °C (class 1 PLB), or   * From -20 °C to +55 °C (class 2 PLB). | |
| 3.3.7 | | Emergency locator transmitter (ELT) equipment | | QCVN 47:2015/BTTTT  QCVN 18:2014/BTTTT | | 8517.62.61 | | | The emergency locator transmitter uses specialized radio waves on board aircraft (ELT equipment). | |
| 3.3.8 | | DSC equipment | | QCVN 58:2011/BTTTT  QCVN 119:2019/BTTTT | | 8517.62.59 | | | The Digital Selective Calling (DSC) equipment, other than telephone equipment operates in the MF, MF/HF and/or VHF bands in the global maritime distress and safety system (GMDSS) and is commonly used on ships (receiver-combined transmission equipment). | |
| 3.3.9 | | Search and rescue radar transponder | | QCVN 60:2011/BTTTT  QCVN 119:2019/BTTTT | | 8517.62.59 | | | The radar transponder operates in the band 9200 MHz - 9500 MHz for search and rescue purposes (receiver-combined transmission equipment). | |
| 3.3.10 | | Radio telex equipment for use in the maritime MF/HF service | | | QCVN 62:2011/BTTTT (\*)  QCVN 119:2019/BTTTT | | 8517.62.59 | | The radiotelex equipment is used on ships in the Global Maritime Distress and Safety System (GMDSS) (receiver-combined transmission equipment). | |
| 3.3.11 | | Equipment in automatic identification system (AIS) used on ships | | | QCVN 68:2013/BTTTT(\*\*)  QCVN 119:2019/BTTTT | | 8526.91.10 | | The radio navigation equipment is used in automatic identification systems for use on ships (to determine the position of its ship and surrounding ships within a certain range to adjust direction and speed accordingly). | |
| 3.3.12 | | AIS-Search and Rescue Transponder | | | QCVN 107:2016/BTTTT(\*\*)  QCVN 119:2019/BTTTT | | 8517.62.53 | | AIS-Search and Rescue Transponder (AIS SART) (telegraph receiver-combined transmission equipment). | |
| 3.3.13 | | VHF radiotelephone equipment for maritime mobile service | | | QCVN 52:2020/BTTTT  QCVN 119:2019/BTTTT | | 8517.18.00 | | VHF transmitter is used for telephone and digital selective calling (DSC), with an external antenna connector for use on ships. | |
| 3.3.14 | | MF and HF radiotelephone equipment | | | QCVN 59:2011/BTTTT  QCVN 119:2019/BTTTT | | 8517.18.00 | | Radio receivers and transmitters for telephone, are used on large ships, operate only on medium frequency (MF) or in the medium and high frequency bands (MF/HF), allocated to the maritime mobile service (MMS), including:  - Single sideband (SSB) modulation equipment for voice transmission and reception (J3F);  - Frequency shift keying (FSK) or keyed subcarrier SSB modulation equipment for transcribing and transmitting digital selective calling (DSC) signals;  - Radio equipment, which does not integrate with a DSC encoder or decoder, but defines the interfaces to such equipment. | |
| 3.3.15 | | UHF radiotelephone equipment | | | QCVN 61:2011/BTTTT  QCVN 119:2019/BTTTT | | 8517.18.00 | | The radiotelephone equipment is installed in large ships and systems operating on UHF frequencies allocated for maritime mobile services. | |
| 3.3.16 | | Radar equipment for seagoing vessels (\*\*\*) | | | QCVN 47:2015/BTTTT  QCVN 119:2019/BTTTT | | 8526.10.10  8526.10.90 | | All kinds of radar equipment are installed on seagoing vessels. | |
| 3.4 | | Radio transmitters, transceivers specialized for the aeronautical mobile service (including satellite and auxiliary equipment) | | | | | | | | |
| 3.4.1 | | Radio equipment in the aeronautical mobile service in the band 117.975 MHz - 137 MHz for terrestrial use using AM modulation | | | QCVN 105:2016/BTTTT  QCVN 106:2016/BTTTT | |  | | Transmitter or VHF radio receiver combined transmitter with double-sideband amplitude modulation (DSB AM), with channel spacing of 8.33 kHz or 25 kHz is used for analog voice transmission to ACARS. The equipment includes: | |
| 8517.61.00 | | - Earth base station equipment; | |
| 8517.12.00  8517.62.59  8517.62.69 | | - Mobile equipment; | |
| 8517.12.00  8517.62.59  8517.62.69 | | - Portable and hand-held equipment for terrestrial use. | |
| 3.4.2 | | Radio equipment in the aeronautical mobile service in the band 117.975 MHz - 137 MHz for terrestrial use | | | QCVN 47:2015/BTTTT  QCVN 106:2016/BTTTT | |  | | Radio equipment in the aeronautical mobile service may operate in all or part of the band 117.975 MHz - 137 MHz, including: | |
| 8517.61.00 | | Earth base station equipment; | |
| 8517.12.00  8517.62.59  8517.62.69 | | Mobile, portable and handheld equipment is for terrestrial use. | |
| 3.4.3 | | Landing angle indicator in aeronautical radio navigation systems | | | QCVN 104:2016/BTTTT  QCVN 18:2014/BTTTT | | 8526.91.10 | | Landing angle indicator in civil aviation radio navigation systems for terrestrial use operates in the band 328.6 MHz to 335.4 MHz. | |
| 3.5 | | Radio transmitters, transceivers specialized for positioning and remote measurement (except for offshore equipment for the oil and gas industry) | | | QCVN 47:2015/BTTTT  QCVN 18:2014/BTTTT | | 8517.62.59  8517.62.69 | | Radio transmitters, transceivers are specialized for positioning and remote measurement (except for offshore equipment for the oil and gas industry) but not for telegraph/telephone. | |
| 3.6 | | Radio navigation equipment | | | QCVN 47:2015/BTTTT  QCVN 18:2014/BTTTT | | 8526.91.10  8526.91.90 | | The radio navigation equipment is used for navigation and obstacle warning purposes in the radio navigation-satellite, air navigation, and satellite air navigation services. | |
| QCVN 47:2015/BTTTT  QCVN 119:2019/BTTTT | | 8526.91.10  8526.91.90 | | The radio navigation equipment is used for navigation and obstacle warning purposes in the maritime radionavigation and satellite navigation services. | |
| 3.7 | | Amateur radio equipment | | | QCVN 56:2011/BTTTT | | 8517.62.59 | | Radio transmitters, transceivers operate on the frequency band allocated to the amateur radio service (according to the provisions of the National Radio Frequency Spectrum Planning). | |
| 3.8 | | Other equipment | | | QCVN 47:2015/BTTTT  QCVN 18:2014/BTTTT | 8517.62.59  8517.62.69  8517.62.99  8517.69.00  8526.10.10  8526.10.90  8526.91.10  8526.91.90  8526.92.00 | | | * Radio transmitters, transceivers with the frequency band between 9 kHz and 400 GHz and with a transmitting power of 60 mW or more are not listed in item 1 of the List in Appendix I and item 3 of the List in Appendix II hereof. * Radio transmitters, transceivers with a frequency band between 9 kHz and 400 GHz and with a transmitting capacity of 60 mW or more are listed in item 1 of the List in Appendix I and item 3 of the List in Appendix II hereof but not within the scope of the respective applicable technical regulations. | |
| **4** | | **Short range radio transmitters, transceivers (\*\*\*\*)** | | | | | | | | |
| 4.1 | | Short range radio transmitters, transceivers for general purposes | | * For equipment operating in the band 13.553-13.567 MHz:   QCVN 55:2011/BTTTT  QCVN 96:2015/BTTTT  - For equipment operating in the bands 26.957-27.283 MHz;  40.66-40.7 MHz:  QCVN 73:2013/BTTTT  QCVN 96:2015/BTTTT  - For equipment operating in the bands 5725-5850 MHz, 24.00- 24.25 GHz:  QCVN 74:2020/BTTTT  QCVN 96:2015/BTTTT   * For equipment operating in the bands 61,0-61,5 GHz, 122-123 GHz, 244-246 GHz:   QCVN 123:2021/BTTTT   * QCVN 18:2014/BTTTT | | 8517.62.59  8517.62.69  8526.10.10  8526.10.90  8526.92.00 | | | Radio warning equipment, radio remote control equipment, radio telemetry equipment, general data transmission equipment, operate in the frequency range 40 GHz to 246 GHz in the following cases:  - There is a radio output connection with a separate antenna or with an integrated antenna;  - Use of all kinds of modulation;  - Fixed, mobile and handheld equipment. | |
| 4.2 | | Radio Frequency Identification (RFID) equipment | | - For equipment operating in the band 13,553 MHz- 13,567 MHz:  QCVN 55:2011/BTTTT  QCVN 96:2015/BTTTT | | 8517.62.59 | | | The equipment uses radio waves to automatically identify, track, and manage goods, people, animals and other applications. The equipment has two separate units connected via a radio interface:  - Radio transceivers, which store information in the form of electronic chip-carrying tags (RF tags), mounted on the object to be identified; only applicable to cards with power supply.  - Radio transceivers (RF Reader) which activate the radio tag and receive the tag's information, transfer to the data processing system. | |
| 4.3 | | Radar equipment used in road or railway traffic | | - For equipment operating in the frequency range 76 GHz - 77 GHz:  QCVN 124:2021/BTTTT  QCVN 18:2014/BTTTT | | 8526.10.10  8526.10.90 | | | Short-range radar equipment is used for applications in traffic information (road or railway) such as cruise control, detection, warning, and avoidance of collision between vehicles and surrounding objects. | |
| 4.4 | | Magnetic loop equipment | | QCVN 55:2011/BTTTT  QCVN 96:2015/BTTTT | | 8504.40.19  8504.40.90 | | | The wireless charger uses the inductive loop (electrostatic conversion) technology. | |
| 4.5 | | Radio telemetry equipment | | QCVN 73:2013/BTTTT  QCVN 96:2015/BTTTT | | 8526.92.00 | | | The radio telemetry equipment automatically displays or records measurement parameters and controls other equipment functions via a radio interface. | |
| QCVN 47:2015/BTTTT  QCVN 96:2015/BTTTT | | 8526.10.10  8526.10.90 | | | Short range radar equipment operates in the 24 GHz - 24.25 GHz band, and is used for positioning and distance measurement applications (not the radar equipment used in road or railway traffic). | |
| 4.6 | | Medical Implant Communication System (MICS) and Medical Implant Test System (MITS) | | QCVN 47:2015/BTTTT  QCVN 96:2015/BTTTT | | 8517.62.59 | | | Short range radio transceivers, in the band 401 MHz - 406 MHz, are equipped in programmers or sensors, for radio telemetry data transmission. | |
| 4.7 | | 60 GHz band high-speed radio access equipment | | QCVN 88:2015/BTTTT  QCVN 112:2017/BTTTT | | 8517.62.51 | | | Applicable to high-speed, up-to-Gigabit radio access equipment, for application in short-range WLAN or WPAN networks operating in the 60 GHz band (not applicable to radio equipment used for outdoor fixed LAN extension applications or fixed point-to-point radio transmission applications operating in the 60 GHz band). | |
| 4.8 | | Wireless digital image transmission equipment | | QCVN 92:2015/BTTTT  QCVN 93:2015/BTTTT | |  | | | Wireless digital image transmission equipment operates in the frequency band from 1.3 GHz to 50 GHz, with a maximum permissible channel bandwidth of 5 MHz, 10 MHz, 20 MHz, including: | |
| 8525.50.00 | | | - Transmitter; | |
| 8525.60.00 | | | - Receiver-attached transmitter. | |
| 4.9 | | Other short range radio transmitters, transceivers | | * For equipment operating in the frequency range 9 kHz - 40 GHz:   QCVN 47:2015/BTTTT  QCVN 96:2015/BTTTT (\*)   * For equipment operating in the frequency range trên 40 GHz:   QCVN 18:2014/BTTTT (\*) | | 8517.62.59  8526.10.10  8526.10.90  8526.92.00 | | | * Short range radio transmitters, transceivers are not listed in item 2 of the List in Appendix I hereof and item 4 of the List in Appendix II hereof. * Short range radio transmitters, transceivers are listed in item 2 of the List in Appendix I hereof and item 4 of the List in Appendix II hereof but not within the scope of the respective applicable technical regulations. | |
| **5** | | **Lithium batteries for handsets** | | | | | | | | |
| 5.1 | | Lithium batteries for laptops, mobile phones, tablets | | QC VN 101 .-2020/BTTTT(\*) | | 8507.60.90 | | | Removable lithium batteries are used for mobile phones. Not applicable to removable lithium batteries which are backup batteries used to charge these devices. | |
| 8507.60.10 | | | Removable lithium batteries are used for laptops and tablets. Not applicable to removable lithium batteries which are backup batteries used to charge these devices. | |

*Note: The declaration of conformity for products and goods is specified in Appendix II for some specific cases as follows:*

*(\*) With respect to QCVN 101:2020/BTTTT: only the declaration of conformity with requirements on safety characteristics specified in article 2.6 of the regulation is required.*

*(\*\*) With respect to these Vietnamese regulations, the requirements for electromagnetic compatibility stated in the regulation are not applicable.*

*(\*\*\*) Radar equipment for imported seagoing vessels is exempt from quality inspection according to the Resolution 99/NQ-CP dated November 13th, 2019 of the Government, but still has to undergo declaration of conformity before putting into use.*

*(\*\*\*\*) Short-range radio transmitter, receiver-transmitter means short-range radio equipment specified in the Circular of the Minister of Information and Communications stipulating the list of radio equipment exempted from license to use radio frequencies, and the technical and operational conditions attached thereto. Declaration of conformity shall only be carried out when the equipment is suitable in terms of frequency bands and technical and operational conditions as prescribed.*

*(a) Not applicable to explosion-proof communication equipment.*