



Czech Telecommunication Office
with headquarters at Sokolovská 219, Prague 9
P.O. Box 02, Prague 025, Postcode 225 02

Prague, 25 March 2021
Ref.: CTU-60 286/2020-613

Based on the results of a public consultation held under Section 130 of the Act No. 127/2005 Coll., on electronic communications and on amendment to certain related acts (The Electronic Communications Act), as amended (hereinafter “the Act”) and under the Act No. 500/2004 Coll., the Administrative Regulations, as amended, and on the basis of the decision of the Council of the Czech Telecommunications Office (hereinafter “the Office”) under Section 107(9)(b)(2) of the Act and in order to implement Sections 9 and 12 of the Act, the Office as the appropriate state administration body under Section 108(1)(b) of the Act hereby issues this Measure of General Nature

**General Authorisation No. VO-R/12/03.2021-3 for the use of radio frequencies
and for the operation of equipment for broadband data transmission
in the bands 2.4 GHz–71 GHz.**

Article 1

Introductory Provisions

The device operating conditions^{1),2)}, relating to natural persons or legal entities (hereinafter “operator”) using the radio frequencies and to the operation of radio transmitting equipment for broadband data transmission in frequency bands 2.4 GHz–71 GHz including fixed digital radio links used for the data signals transmission in frequency band 57 GHz–66 GHz (hereinafter “the stations”) are set out in the Act and in this General Authorisation under Section 10(1) of the Act.³⁾

¹⁾ Sections 73 to 74 of the Act.

²⁾ European harmonized standards, as stated in this Measure of general Nature, applied under Act 90/2019 Coll. on conformity assessment of products when made available on the market, and Government Order 426/2016 Coll. on conformity assessment of the radio equipment when making them available on the market. The ETSI standards are available at www.etsi.org.

³⁾ This General Authorisation proceeds from the Recommendation of the Electronic Communications Committee (ECC) of the European Conference of Postal and Telecommunications Administrations (“CEPT”) No. CEPT/ERC/REC 70-03, Annex 3 (Wideband data transmission systems) relating to the use of Short Range Devices (SRD) in the version dated June 7, 2019, Decision of the ECC No. ECC/DEC/(04)08 dated 9 July 2004 as amended on 30 October 2009 according to Decisions of the Commission 2005/513/EC and 2007/90/EC on the harmonised use of radio spectrum in the 5 GHz frequency band for the implementation of Wireless Access Systems including Radio Local Area Networks (WAS/RLANs) and according to Commission Implementing Decision (EU) 2019/1345 of 2 August 2019, amending Decision 2006/771/EC, updating harmonised technical conditions in the area of radio spectrum use for Short Range Devices. Note: The conditions for use of radio frequencies and for providing broadcasting radio equipment according to other annexes of the CEPT/ERC/REC 70-03 Recommendation are a subject of General Authorisation No. VO-R/10/01.2019-1 for the use of radio frequencies and for the operation of Short Range Devices in currently valid version.

This is an unofficial translation. The legally binding text is the original Czech version.

Article 2 Specific Conditions

(1) The specific conditions related to Section 10(1)(m) of the Act are as follows:

- a) The operator can use the radio frequencies and operate the station without individual authorisation for the use of radio frequencies;
- b) The technical parameters of the station and other conditions set for the operation are:

Ref.	Frequency band	Maximal radiated power	Maximum e.i.r.p. density	Notification of the station	Other conditions	Harmonized standard (ČSN ETSI EN) ²⁾
a	2400.0-2483.5 MHz	100mW e.i.r.p.	10 mV/1 MHz	---	systems using DSSS ⁴⁾ or OFDM ⁵⁾ techniques	300 328 ⁶⁾
			100 mW/ 100 kHz	---	systems using FHSS ⁷⁾ techniques	
b1	5150-5250 MHz	200 mW e.i.r.p. ⁸⁾	10 mW/MHz	see Paragraph 2		301 893 ⁹⁾
b2	5250-5350 MHz	200 mW e.i.r.p. ⁸⁾	10 mW/MHz	---	only indoor use ¹⁰⁾	
b3	5470-5725 MHz	1 W e.i.r.p. ⁸⁾	50 mW/MHz	---	---	
b4	5725-5850 MHz	1 W e.i.r.p. ⁸⁾	50 mW/MHz	see Paragraph 2	only in areas pursuant to Para 1(i)	to be defined ¹¹⁾
c	17.1-17.3 GHz	100 mW e.i.r.p. ⁸⁾	---	---	---	to be defined ¹¹⁾
d1	57-66 GHz	40 dBm e.i.r.p. ⁸⁾	13 dBm/MHz	---	fixed outdoor installations ¹²⁾ are not allowed	302 567 ¹³⁾
d2	57-71 GHz	40 dBm e.i.r.p. ⁸⁾	23 dBm/MHz	---	fixed outdoor installations ¹²⁾ are not allowed	to be defined ¹¹⁾
d3	57-71 GHz	40 dBm e.i.r.p. ⁸⁾	23 dBm/MHz power supplied to antenna is max. 27 dBm	see Paragraph 2	including fixed outdoor installations ¹²⁾	
d4	57-71 GHz	55 dBm e.i.r.p. ⁸⁾	38 dBm/MHz antenna gain is min. 30 dBi	see Paragraph 2	fixed outdoor installations ¹²⁾ only	
d5	57-64 GHz	55 dBm e.i.r.p.		see Paragraph 2	fixed highspeed links of point-to-point type;	302 217-2 ¹⁴⁾

⁴⁾ DSSS – Direct Sequence Spread Spectrum.

⁵⁾ OFDM - Orthogonal Frequency Division Multiplex.

⁶⁾ ČSN ETSI EN 300 328 – Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirement of article 3.2 of the R&TTE Directives.

⁷⁾ FHSS – Frequency Hopping Spread Spectrum.

⁸⁾ If power regulation is applied, here stated values refer to mean equivalent isotropic radiated power (e.i.r.p.), i.e. the power during the transmission burst which corresponds to the highest power, more precisely to the mean spectral density, i.e. mean e.i.r.p. on 1 MHz.

⁹⁾ ČSN ETSI EN 301 893 – 5 GHz RLAN; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU.

¹⁰⁾ "Indoor use" means utilisation inside one building as well as similar places (train, aircraft), where the shading provides, in principle, the necessary attenuation allowing sharing the use of radio frequencies with other services.

¹¹⁾ In case the harmonized standard was not set, the devices which allows to use frequencies in such sub-band must be assessed according to module B+C or module H of the Government Order No. 426/2016 Coll., on conformity assessment of radio devices when placed on the market (i.e. assessing conformity by a Notified entity, device label CO + 4 digit number).

¹²⁾ In case of mutual interconnection of two and more stations, the installation / operation, where at least part of the link between stations is led outside of buildings, is also considered to be an outside installation / outside operation.

¹³⁾ ČSN ETSI EN 302 567 – Multiple-Gigabit/s radio equipment operating in the 60 GHz band; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU.

¹⁴⁾ ČSN ETSI EN 302 217-2 Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 2: Digital systems operating in frequency bands from 1 GHz to 86 GHz; Harmonised Standard for access to radio spectrum; until 8 June 2017, the harmonized standard was ČSN ETSI EN 302 217-3 – Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 3: Equipment operating in frequency bands where both frequency

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d6	64-66 GHz		power supplied to antenna is max. 10 dBm antenna gain is min. 30 dBi		mutual combination of TDD and FDD is possible	
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- c) The maximum e.i.r.p. radiated power and the maximum mean spectral density of the station set in Article 2(1)(b) must be kept for any combination of the transmitter output power and the antenna used;
- d) The stations shall not be operated with additional high-frequency power amplifiers nor with converters;
- e) The stations in the bands *b2* and *b3* shall employ automatic transmitter power control, which provides the interference mitigation factor on average at least 3 dB on the maximum permitted output power of the systems. If automatic power control is not employed, the maximum permitted mean e.i.r.p. and the corresponding limit of the mean e.i.r.p. density for bands *b2* and *b3* must be reduced by 3 dB;
- f) In the bands *b2*, *b3* and *d1* to *d4*, as well as in case of outside utilisation in bands *b1* and *b4*, the mitigation techniques that give at least the same protection level as the techniques described in the harmonised standards²⁾ shall be used. In bands *b2* and *b3*, the mitigation techniques must equalise the probability of selecting a specific channel from all available channels in order to ensure, on average, a near-uniform spread of spectrum loading and to ensure compatible operation with the radio determination systems;
- g) The stations in bands *b1* and *b4*, which are placed outside of the building can be only fixed-installed;
- h) The stations in bands *d5* and *d6* are allowed only as parts of fixed highspeed link of the point-to-point type (hereinafter "link");
- i) No stations in the *b4* band shall be operated in protective areas listed in Annexes 1 and 2. Also, stations shall not be operated in this band in a distance up to 1.8 km from the state border. Based on Section 12 of the Act, the Office can amend the table in Annex 2 and to delimit other circular protective areas with indicating the time period when it is not temporarily allowed to operate any stations in the supplemented protective areas;
- j) The station is operated on shared frequencies;
- k) In case of harmful interference among stations, the operators settle such interferences in principle by mutual agreement. In case the agreement fails, the procedure based on Section 100 of the Act shall be applied, i.e. the operator who put the interfering station in the operation later will provide protective measures;
- l) The stations must not cause harmful interference to stations of radiocommunication services which are using radio frequencies based on Frequency band allocation plan and are not entitled to be protected from harmful interference caused by these stations. The operator of an access point¹⁵⁾ (in "Master" mode) is responsible for harmful interference caused by an associated client station (in "Slave" mode);
- m) The station may be neither electrically nor mechanically modified.

coordinated or uncoordinated deployment might be applied; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive.

¹⁵⁾ Access point, AP.

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(2) The specific conditions related to Section 10(1)(p) of the Act are:

a) The stations subjected to notification are the following:

band according to Paragraph 1(b)	stations subjected to notification	
<i>b1</i>	stations installed outside of buildings and/or used in the outside operation ¹²⁾ in frequency band 5150–5250 MHz	except for client stations and stations in Slave mode
<i>b4</i>	stations installed outside of buildings and/or used in the outside operation ¹²⁾ in frequency band 5725–5850 MHz, including cases, when a channel from a band below the border of 5725 MHz overlaps into this band; stations with integrated antenna, where the producer claims maximal e.i.r.p. up to 200 mW are not subjected to the notification	
<i>d3, d4, d5, d6</i>	all fixed outside installations ¹²⁾ in band 57–66 GHz	including client stations and stations in Slave mode ¹⁶⁾

These stations can be put into operation only based on previous notification through the registration portal <https://rlan.ctu.cz> (hereinafter “the Portal”);

b) The condition to commencement operation of radio frequencies by means of stations according to Point a) is the notification of the following data through the Portal which shall not be notified earlier than 5 workdays before commencement the operation of radio frequencies:

band:	<i>b1, b4</i>	<i>d3, d4</i>	<i>d5, d6</i>
Geographic coordinates of the station with accuracy one tenth of second stated in the geodetical system WGS-84	+	+	+
Gain of the used antenna	–	+	+
Mean power ¹⁷⁾	–	+ *	+
Main direction of radiation	–	+	–
Occupied bandwidth	–	+	+
Required ratio of the level of effective signal towards the level of interference	–	–	+
Transmitting radio frequency	–	–	+
MAC Wireless address ¹⁸⁾	+	+ **	+ **

* If the value of the mean power is not known, it is possible to indicate e.i.r.p.⁸⁾

** Or a product number if the MAC Wireless address was not assigned.

c) The notification according to Point b) on the Portal can only be made by a registered operator after signing to the Portal;

¹⁶⁾ Notification according to Article 2(a) is also meant a notification of a client station corresponding to a fixed outside installation.¹²⁾

¹⁷⁾ For the purpose of this General Authorisation, “mean power” means the average power delivered by the station to the antenna feeder under normal operation conditions for a sufficiently long time compared to the lowest modulation frequency.

¹⁸⁾ “MAC (Media Access Control) Wireless address” means a unique identifier of the wireless network device or station.

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- d) For the purpose of Point c), the following information shall be considered the operator's information for registration:
 - a. for a natural person: name, surname and address of residence of the operator including the operator's contact e-mail address;
 - b. for a natural person carrying out business activities: name, surname or, if applicable, commercial name, address of residence, address of business and identification No. (IČ) including the operator's contact e-mail address;
 - c. for a legal entity: commercial name or name, identification No. (IČ), address of the operator's registered office including the contact e-mail address of the operator's representative;
- e) In the case of a fixed-installed client station, except for bands *b1* and *b4*, the operator of the associated access point is required to notify the station;¹⁵⁾
- f) For the purpose of Point (k), the moment of commencement of the use of radio frequencies shall be the date of the notification via the Portal;
- g) The station operator shall confirm via the Portal the correctness and time relevance of the station data, always no later than eighteen months after the notification pursuant to Paragraph 2(b), or from the last confirmation of correctness and time relevance of the data. The change of data pursuant to Point (i) is not considered to be the confirmation of correctness and time relevance of the data. If the operator fails to confirm the correctness and time relevance of the station data within the time limit specified in the first sentence, such station shall be deemed not to have been notified;
- h) Except for the case stated in Point (g), the station is also deemed not to have been notified, if the station operator will not correct another mistake in data stated in the notification, detected by the Office, in a given time limit based on a call made by the Office pursuant to Section 114(1) of the Act;
- i) The termination of the use of radio frequencies and the change in the notified data shall be projected by the operator without undue delay in the already notified data on the Portal. A change to the technical data notified pursuant to Point (b) which, by its nature, leads to an increased risk of harmful interference, shall be considered a re-start of the use of the radio frequencies and, for the purpose of Point (k), the new moment of commencement of the use of radio frequencies shall be the date of notification of the change;
- j) The technical data of the stations according to Point (b) shall be published by the Office on the Portal.

Article 3

Final Provisions

(1) Any station for which the Office decided on approval or recognition of the type of the radio equipment in accordance with Section 10 of Act No. 151/2000 Coll., on Electronic Communications and on Amendment to Other Acts, as amended, provided that such a station was launched before 1 April 2003, is also considered to be a station complying with the Government Order No. 426/2016 Coll., on conformity assessment of the radio equipment when making them available on the market.

(2) Equipment in the band *d5* pursuant to Article 2(1)(b) made available on the market before 8 July 2017 can be still operated under standard ČSN ETSI EN 302 217-3.¹⁴⁾

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Article 4
Transitional Provision

The condition to notify MAC Wireless address data according to Article 2 (2)(b) of the General Authorisation No. VO-R/12/03.2021-3, effective from 15 June 2021 must be fulfilled by the operator of station notified in bands *b1* and *b4* before 15 June 2021 via the Portal at the latest until 15 July 2021. If the station operator will not add the MAC Wireless address data according to Article 2 (2)(b) of the General Authorisation No. VO-R/12/03.2021-3, effective from 15 June 2021, it will be deemed not to have been notified after expiration of this time period.

Article 5
Repealing Provisions

This is to repeal General Authorisation No. VO-R/12.2019-10 for the use of radio frequencies and for the operation of equipment for broadband data transmission in the 2.4 GHz – 71 GHz band, dated 17 December 2019, published in Issue 11/2019 of the Telecommunications Bulletin.

Article 6
Effect

This General Authorisation shall come into effect on 15 April 2021 except for the condition to notify the MAC Wireless address data for bands *b1* and *b4* according to Article 2(2)(b), which shall come into effect on 15 June 2021.

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Explanatory Memorandum

To implement Sections 9 and 12 of the Act, the Office issues General Authorisation No. VO-R/12/03.2021-3 for the use of radio frequencies and for the operation of equipment for broadband data transmission in the 2.4 GHz – 71 GHz band.

This General Authorisation is based on the principles set out in the Act and in the frequency plans and harmonisation objectives of the European Communities, and it replaces the General Authorisation No. VO-R/12/12.2019-10 which is repealed by Article 5 of the General Authorisation.

The purpose of the new version of the General Authorisation is to allow the use of the radio frequencies by broadband transmission stations in frequency bands 5150–5250 MHz (without the existing limits on stations inside of building only) and 5725–5850 MHz. Together with this revision a duty is newly introduced to notify the commencement of the use of radio frequencies in these bands when used for the outside operation. Conditions for the use of frequencies by stations under the existing General Authorisation remain unchanged.

The Article 2 lays down conditions for the operation of broadband transmission equipment in the bands 2.4 GHz to 71 GHz, including the fixed service equipment in frequency bands 57 GHz to 66 GHz. These conditions proceed from the Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC, the Commission Implementing Decision (EU) 2019/1345 of 2 August 2019 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices, the updated version of CEPT Recommendation ERC/REC 70-03 of 7 June 2019, as well as from the requirements proceeding from the radio spectrum management.

In the table in Article 2(1)(b), the individual rows represent the range of radio frequencies which can be used under this General Authorisation. For each row, there is a certain number of columns which specify in more detail specific technical parameters of the station (e.g. mean power value; e.i.r.p.; reference to the harmonized standard, if defined, etc.). In footnote No.11, the Office provides information on the method of assessment of the equipment where a harmonized standard has not yet been established for the category in question as proceeds from the Government Order No. 426/2016 Coll., on conformity assessment of the radio equipment when making them available on the market.

Article 2(1)(c) to (i) specifies the additional technical parameters of the stations and other conditions set for their operation which cannot be listed in a table in an appropriate manner.

Article 2(1)(j) to (m) provide for mutual regulatory relationship of individual stations. With respect to the fact that frequency coordination is not carried out by the Office in the frequency bands in question, but is left to the operator, the nature of the use of the radio frequencies, which corresponds to shared use, is specified. In addition, the procedures for operators in case of harmful interference between stations are specified. If they fail to reach an agreement according to Article 2(1)(k), any dispute between them shall be settled by the Office pursuant to Section 127 of the Act.

In the table in Article 2(1)(b), conditions are set for the *b1* band, which allow to use the band 5150–5250 MHz by WAS/RLAN stations, at national level, also outside of buildings, but regarding that the e.i.r.p. power is limited to 200 mW and that there exists a condition for the stations to notify the commencement of the use of radio frequencies on the Office's Portal. The reason for introducing this condition is the protection from interfering with other radiocommunication services utilizing this band, which consists especially from keeping the record of the overall number of these stations operated on the Czech territory in the outer environment. The conditions of protection are summarized in a Resolution 229 of the Radio

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Regulations revised by the WRC Conference in 2019, and they newly make it possible to allow, at national level, a certain number of stations operated outside of buildings, while it is forbidden to exceed the total effect of radiation, produced during simultaneous operation of the stations, on other services. This condition can be currently fulfilled so that the Office, at national level, will count an estimate of overall number of outside stations based on the knowledge of data collected on the Office's Portal. The Office thus used the opportunity to introduce a national regulation stemming from the Resolution 229 under the condition to fulfil the indicated conditions.

Another amendment to the table in Article 2(1)(b) is introducing conditions in the *b4* band (5725–5850 MHz) which is newly released at national level for utilisation by WAS/RLAN stations inside as well as outside of buildings, and thus follows the already harmonized band 5470–5725 MHz. Because the band 5725–5850 MHz or some of its sub-bands are, or could be, used by military radars and additional electronic road toll systems, the Office decided to define static geographic circular areas with prohibition to operate stations (protective areas) and remove these from the possibility of mutual coexistence of individual applications utilizing the same or adjacent frequencies. Therefore, the condition of notification on the Office's Portal applies to the outside stations. The notification does not apply to stations with integrated antenna where their producer indicated maximal e.i.r.p. up to 200 mW because the equipment's design does not allow to exceed the e.i.r.p. The conditions for the use of frequencies were put forward in cooperation with the Ministry of Transport and Ministry of Defence and Armed Forces.

Regarding the possibility of exceptional need of military applications operation outside the protective areas *ex-ante* permanently determined according to Point (i), the Article 2 (1)(i), due to predictability and legal certainty, contains a provision on possible temporary limitation of the possibility to use radio frequencies for the operation of WAS/RLAN stations in a given geographical circular area which would be in such a case carried out based on the Section 12 of the Act by a change of the General Authorisation VO-R/12 with amended table in Annex 2, with adding the description of the protective area, and the time period for which the frequencies cannot be used according to the technical parameters set by this General Authorisation. The information about the obligatory temporary limitation of the WAS/RLAN stations operation in the given area will be provided by the Office in advance via the Electronic notice board (i.e. Office's website) and further directly to the operators of the WAS/RLAN access points via the e-mail address they used for their registration on the Office's Portal <https://rlan.ctu.cz> or on the original Office's Portal <https://60ghz.ctu.cz> operated until 30 November 2020.

The provision in the Article 2(1)(i) and (j) on the band 5725–5850 MHz and partial limitations for the users of this band stemming from them do not affect the possibility to operate SRD equipment with e.i.r.p. up to 25 mW in accordance with the General Authorisation VO-R/10.¹⁹⁾ The provision in the Point (i) follows from the Section 12 of the Act, i.e. keeping the commitments following from the membership of the Czech Republic in international organisations of to ensure the state defence and security, which can be related in this band to the operation of stations in the radiolocation service outside the areas permanently determined by Annex 2. Such situation is considered to be unique, but it can happen repeatedly. The Office thus informs the users of the 5725–5850 MHz band with regard to ensuring predictability, transparency and legal certainty. The users of the 5725–5850 MHz band undertaking the provision of electronic communications services should therefore consider the provision in Point (j) and adjust the parameters of quality of the offered electronic communications services.

The Article 2(2) sets a condition for an operator to notify the commencement of the use of radio frequencies. For this purpose, there is a designated Portal indicated in Paragraph 2(a) through which shall the operator of stations listed in Paragraph 2(a) notify the required station's technical parameters and other data. The reason for the condition of notification in the newly

¹⁹⁾ General Authorisation No. VO-R/10/03.2021-4 for the use of radio frequencies and for the operation of short range devices, as amended.

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established bands *b1* and *b4* is the protection from interfering with other radiocommunication services utilizing this band, which consists especially from the keeping the records of the overall number of these stations operated on the Czech territory in the outer environment. The Office assessed the scope data processing according to Article 2 in “Evaluation of personal data processing pursuant the General Authorisation defining rules for the use of the 60 GHz band and related to operating registration Portal”²⁰⁾ and concluded that the scope of required and processed data fulfils the requirements of necessity, appropriateness, essentiality, minimalization and proportionality of the data. The evaluation will be broadened also with bands 5.2 GHz and 5.8 GHz. The considered processing also protects the legitimate expectations of the data subjects and minimalizes the risks of negative impact on personal data protection. The operation of the Portal, including all its necessary parts, is therefore fully in conformity with national as well as European privacy legislation, which the Office, having the role of a controller, sufficiently projects into practical utilisation of the Portal and anticipates application of the same standards also during evolution of new functionalities and modules which will be closely tied to personal data protection.

The condition to indicate the MAC Wireless address data in the notification also for stations utilizing the *b1* and *b4* bands follows from the need to ensure an easier identification of stations by the control bodies of the Office in cases where the local investigation is in process, e.g. in relation to appearance of harmful interference. In such cases, the remote identification of properly notified WAS/RLAN stations decreases the administrative burden on entities operating stations in the given area and other entities in relation to requests to provide data by other persons, e.g. property owners or end-users. As a result, the notification condition increases the effectivity of Office’s control activities without putting unnecessary burden on enterprises and citizens. Simultaneously, it is a tool which the Office already successfully applied on users’ stations in the 57–71 GHz band.

The Office also broadens the mechanism for “automatic expiration” of the station notification, more precisely the legal fiction that the station is considered not notified, except for the already existing case that the operator does not confirm the correctness and time relevance of the station data in a time period according to Article 2(2)(g), as well as for the case indicated in Article 2(2)(h) that the Office identifies a mistake in the notification carried out according to Article 2(2)(b) and the station operator does not provide a correction detected by the Office in a given time limit based on a call made by the Office pursuant to Section 114(1) of the Act.

Article 3 sets down a possibility to operate equipment made available on the market before 1 April 2003.

Article 4 is a transitional provision setting the conditions for notification in case of operators of stations in the bands *b1* and *b4* whose stations were notified before the condition to provide MAC Wireless address data took effect they shall carry out an additional notification of this data via the Portal in a given time period. To ensure full and proper register of stations in bands *b1* and *b4* and their notified data within Article 2(2)(b) the Office lays down in this Article that stations, where the sufficient notification does not take place in the given time limit, will not be considered as notified according to Article 2(2)(b) and the operation of these stations will be after this deadline considered illegal, breaching the conditions of this General Authorisation with all relevant consequences when the station is considered as not notified similarly as in the cases according to Article 2(2)(g) and (h) of this General Authorisation. Duration of this time period, indicated in this transitional provision, corresponds with the time period pursuant to Section 114(1) of the Act which is binding for the Office in case indicated in the Article 2(2)(h) (a mistake in the notified data). From this reason comes into force a legal fiction, without the necessity of call made by the Office pursuant to Section 114(1) of the Act, that the station is considered as not notified in case the MAC Wireless address data is not

²⁰⁾ <https://www.ctu.cz/sites/default/files/obsah/ctu/vseobecne-opravneni-c.vo-r/12/12.2019-10/obrazky/vyhodnoceni-zpracovani-osobnich-udaju-60ghz.pdf> (Czech only).

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added in the time period set by this transitional provision. Correct and full data notification according to Article 2(2)(b) including the MAC Wireless address is necessary to ensure not only an easier identification of station by the Office control bodies but also from other reasons, e.g. ensuring correct calculations of mutual compatibility of stations in the 57–71 GHz band.

Article 5 repeals the General Authorisation No. VO-R/12/12.2019-10.

Article 6 sets down the effect of the General Authorisation. Due to the need of technical adjustments of the Portal based on received comments in the public consultation (notifying the MAC Wireless address instead of originally considered SSID) and also due to the effort to release the *b1* and *b4* bands in the shortest time possible, i.e. before carrying out the necessary technical adjustment of the Portal, the effect of this General Authorisation divided into two time periods (phases). Except the condition to notify the Mac Wireless address data for bands *b1* and *b4*, the effect is set on 15 April 2021. The condition to notify the Mac Wireless address data for bands *b1* and *b4* comes into effect on 15 June 20201, when the Portal will be already technically adjusted and ready to accept notifications in the full extent of data according to Article 2(2)(b) of this General Authorisation.

After issuing the General Authorisation No. VO-R/12.2019-10 and following the above stated updates of decisions and recommendations of the EC and ECC, the Office updated Part of the Radio spectrum utilisation plan No. PV-P/24/06.2012-9 for the 4200–5925 MHz frequency band. Also, some decisions and recommendations of the CEPT and EC took place. In reaction, the Office made under Section 12 of the Act following changes in this General Authorisation in compare to the existing General Authorisation VO-R/12/12.2019-10:

1. in the table in Article 2(1)(b), the limitations for utilisation inside of building in the *b1* (5150–5250 MHz) band were repealed and new *b4* (5725–5850 MHz) band was added;
2. for this broadening (stated in point 1), the use of techniques of access to spectrum and mitigating the interference (Art. 2(1)(f)) was set, as well as determination the areas (Art. 2(1)(i), Annexes 1 and 2) and requirement for notification (Art. 2(2)(a));
3. made formal corrections, especially the requirements for the notification were arranged into a table in Article 2(2)(b)) for better clarity.

Based on the Section 130 of the Act and in accordance with the Rules of the Czech Telecommunication Office for consultation at the discussion site (hereinafter “Rules”), the Office published on 20 January 2021 its draft General Authorisation No. VO-R/12/XX.2021-Y for the use of radio frequencies and for the operation of equipment for broadband data transmission in 2.4 GHz–71 GHz band and a call for comments at the discussion site.

Within the public consultation, the Office received a total of 7 comments from five stakeholders within 1 month, raised in accordance with Article 6(2) of the Rules. Two comments did not contain requirements to change the General Authorisation and only expressed agreement with the proposed amendments. Other four comments referred to the requirements of identification of the station (SSID / MAC Wireless address). One comment referred to the frequency range in 5.8 GHz band. The comments and their settlement are described in the settlement table and published on the discussion site.

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Also, beyond the received comments, the Office made correction to incorrect links in Article 2(2) and also made legislatively technical amendments to reach legislative clarity of the text.

On behalf of the Council
of the Czech Telecommunication Office
Hana Továrková
Chair of the Council
of the Czech Telecommunication Office

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Annex No. 1 to VO-R/12/03.2021-3

Circular protective areas of 1.8 km radius with prohibited operation of RLAN access points¹⁵⁾ in frequency band 5725–5850 MHz around road toll frames

No.	Tolling facility location		Motorway stretch (exits) / location informative sign
	Latitude (N)	Longitude (E)	
1	49.981146	14.439848	Praha Písnice 5 – Praha Zbraslav 10
2	50.03509896	14.27588307	Ořech 19 – Chraštany 23 A
3	49.99699097	14.58162925	Průhonice 6 – Modletice 11/12
4	49.72868262	15.04585133	Psáře 49 – Soutice 56
5	49.41176990	15.72422277	Velký Beranov 119 – Měřín 134
6	49.21931620	16.40388591	Devět Křížů 168 – Ostrovačice 178
7	49.20204268	16.90305669	Rousínov 216 – Vyškov západ 226
8	49.3241056	17.4442611	Kroměříž východ 260 – Hulín západ 264
9	49.56933965	17.64501636	Lipník n/B 294/298 – Hranice 308
10	49.82237484	18.21249602	Ostrava Rudná 354 – Severní spoj 357
11	49.01444697	16.68706383	Blučina 11 – Hustopeče 25
12	49.65711400	14.63323000	Olbramovice
13	49.50609998	14.66590722	Mezno 62 – Chotoviny 70
14	49.29699700	14.73575300	Planá n/Lužnicí 84 – Soběslav 95
15	49.90176788	14.32610966	Jíloviště 8/9 – Řitka 14
16	49.389653	14.048357	Radobytec 77 – Nová Hospoda 84
17	50.03697296	14.22182833	Praha Třeboradice R1 1 – Rudná 5
18	49.75806581	13.62315018	Mýto 50 – Rokycany 62
19	49.69762335	12.68419505	Mlýnec 136 – Kateřina 144
20	50.09005	14.254217	Hostivice 2 – Jeneč 7
21	50.11276563	14.03785533	Velká Dobrá 16 – Tuchlovice 25
22	50.132839	13.271231	Lubenec 77 – Bošov 83
23	50.2019	12.7538	Jenišov 131 – Nové Sedlo 136
24	50.103747	12.542875	Tisová 149 – Kynšperk n/Ohří 156
25	50.12699050	14.26558021	Kněžves 3 – Středokluky 5
26	50.435537	13.388523	Spořice 78 – Nové Spořice (Chomutov) 82
27	50.19811347	14.44030681	Zdiby 1 – Úžice 9
28	50.44006016	14.16960551	Doksany 35- Lukavec 45
29	50.73181506	14.00663138	Knínice 80 – Petrovice 87
30	50.14436169	14.65158080	Radonice 3 – Brandýs n/L 10
31	50.12568715	14.73045369	Jirny 8 – Bříství 18
32	50.12686658	15.37940097	Dobšice 50 – Chlumecko n/Cidlinou
33	50.17850000	15.76350000	Sedlice 84 – Kukleny 90
34	49.68729078	18.61132852	Český Těšín Svibice - Nebory
35	50.071979	14.76738	Úvaly
36	50.427165	15.37474	Jičín
37	49.406698	14.72389	Tábor
38	49.018409	14.41438	Dasný
39	49.390236	12.85881	Babylon
40	50.59669167	14.04867369	Prackovice n/Labem – Vaňov
41	50.28800847	15.82752766	Plotiště n/Labem – Holohlavý
42	49.448943	15.234206	Radětín
43	50.76503170	15.04555968	Liberec-sever x I/13 – Liberec Rochlice
44	50.61306835	15.11344237	Paceřice 40 – Ohrazenice 44
45	50.14405833	15.75402	Sedlice 126 – Opatovice n/Labem 129
46	49.967524	16.13698	Vysoké Mýto
47	49.72297035	16.99095265	Loštice 240 – Mladeč 245

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48	49.57147631	17.48220855	Přáslovice 281 – Velký Újezd 290
49	49.99098800	15.26021000	Kolín
50	49.33193900	16.55306000	Česká
51	49.5411878	17.1770397	Olšany u Prostějova 33 – Hněvotín 37
52	49.54263866	17.66236001	Lipník n/B I/35 – Hranice západ
53	49.57831749	17.83579449	Běloutín východ x I/48 – Nový Jičín
54	49.67028432	18.44366915	Dobrá 54 – Tošanovice 62
55	49.02738700	17.61769000	Bystřice pod Lopeníkem
56	49.08834866	16.58570169	Rajhrad 10 – Hrušovany 16
57	48.82871383	16.61326224	Perná – Mikulov sever
58	49.2545583	17.5140972	Hulín východ 17 – Otrokovice sever 30
59	49.72463488	18.28116218	Paskov 44 – Staříč 49
60	49.72561746	18.18513242	Petřvald sever – Krmelín

Annex No. 2 to VO-R/12/03.2021-3

Circular protective areas of 13 km radius with prohibited operation of RLAN access points¹³⁾ in frequency band 5725–5850 MHz for protection of the radiolocation service (non-civil user)

No.	Latitude (N)	Longitude (E)	Location name
1	48.8597847	14.0871556	Boletice
2	49.4015678	16.9562536	Březina
3	49.9413794	15.3838983	Čáslav
4	50.2692200	13.1279325	Hradiště
5	49.7132100	13.8511353	Jince
6	49.6775608	17.5395731	Libavá
7	katastrální území obce Náměšť nad Oslavou		Náměšť nad Oslavou
8	49.322353	14.094558	Oldřichov