DRAFT

Pursuant to item 3), paragraph 1, Article 6 of the Telecommunications Law (*Official Gazette of RoS*, no. 44/03 and 36/06) and in regard to the Radio Frequency Allotment Plan (*Official Gazette of RoS*, no. 112/04),

The Ministry of Capital Investments adopts the

ALLOTMENT FREQUENCY PLAN

for Fixed Wireless Access (FWA) Systems in Frequency Bands 3400-3600 MHz and 3600-3800 MHz

1. The basis for adopting the Allotment Frequency Plan for Fixed Wireless Access (FWA) Systems

Regulatory and technical basis for preparing the Allotment Frequency Plan for Fixed Wireless Access Systems (FWA(WAS/RLANs) systems) within the allocated frequency bands is contained in the following documents:

1. Telecommunications Law (*Official Gazette of RoS*, no. 44/03 and 36/06),
2. Radio Frequency Allotment Plan, Belgrade, 2004 (*Official Gazette of RoS*, no. 112/04) (Allotment Plan),
3. Rules on determining types of public telecommunications services for which licence is required (*Official Gazette of RoS* no. 29/06)
4. The Strategy for Development of Telecommunications in the Republic of Serbia from 2006 until 2010 (*Official Gazette of RoS* no. 99/06),
5. Agreement between the Administrations of Croatia, Romania, Serbia and Hungary concerning the frequency co-ordination and preferential frequency distribution for Fixed Wireless access (FWA) systems in the bands 3410-3500 MHz and 3510-3600 MHz (Budapest, October 2006),
6. ERC and ECC Recommendations of the European Conference of Postal and Telecommunications Administrations (CEPT), as follows:
   - CEPT/ERC/REC. 14-03 Harmonised radio frequency channel arrangements and block Allotment for low and medium capacity systems in the band 3400 MHz to 3600 MHz
   - ECC REC. (04)05. Guidelines for accommodation and assignment of Multipoint fixed wireless systems in frequency bands 3.4-3.6 GHz and 3.6-3.8 GHz.

2. Terms and definitions

The terms used for the purposes of this allotment plan shall have the following meaning:

- **Fixed Wireless Access - FWA**

Wireless access application in which the location of the end-user termination and the network access point to be connected to the end-user are fixed.

- **Central station**

The common name for all the radio equipment located at one and the same place used for serving one or several cells.

- **End-user**

A human being, organization, or telecommunications system that accesses the network in order to communicate via the services provided by the network.

- **End-user connection point**

Point at which the end-user obtains the communications service.

- **End-user termination**

The end-user radio equipment antenna.

- **Station**

The common name for all the radio equipment at one and the same place.

- **Terminal station**

The user or end-user station.

- **User**

Any entity external to the network, which utilizes connections through the network for communications.

- **Frequency block**

A contiguous portion of spectrum within a sub-band or frequency band typically assigned to a single operator.

- **Channel**

Specified portion of the radio frequency spectrum which carries a specific radio signal.

3. The basis for preparing the Allotment Plan

In preparing the allotment plan, certain regulatory assumptions and basic technical parameters were taken into consideration, in the interest of an optimal frequency blocks allotment and efficient use of the frequency spectrum for fixed wireless access systems, applying harmonized principles of spectrum planning within the CEPT Member Countries, as well as the table of agreed preferential frequencies in multilateral agreement of responsible administrations of the neighbouring countries.
The users of the allocated band are required to apply basic regulatory assumptions and technical parameters in implementation and exploitation of fixed wireless access systems.

3.1. Basic regulatory assumptions

1. Frequency planning in border area shall be based on frequency co-ordination between national Administrations. Frequency co-ordination for FWA systems in border area shall be carried out based on bilateral and multilateral agreements between the responsible Administrations;
2. Frequency assignment in border area shall be carried out based on the frequency co-ordination procedure or based on the defined preferential frequencies. Preferential frequencies are frequencies predefined for usage in border area without the frequency co-ordination procedure;
3. Non-preferential frequencies shall be co-ordinated with the responsible Administrations of the neighbouring countries, pursuant to the Agreement;
4. Frequency allotment shall be carried out based on the frequency blocks with a sequence of channels;
5. Frequency block shall be formed based on channel separation of 3.5 MHz;
6. In applying point-to-multipoint (PMP) systems, with cellular usage, contiguous assignment of frequency spectrum shall be preferred;
7. Possible configurations of unit cell per unit location shall be for:

- four channels available within four sectors,
- two channels available within four sectors,
- four channels available within four sectors with two carriers per sector,
- six channels available within six sectors,
- three channels available within six sectors,
- three channels available within six sectors with two carriers per sector,
- one or more channels available for coverage of one zone.

   Other combinations of channels and sectors shall also be possible.

8. Recommended typical sizes for frequency block in contiguous assignment shall be as follows:

Recommended block sizes, MHz	Recommended block sizes, MHz
Paired deployment	Un-paired deployment *
7x2	-
10.5x2	-
14x2	-
17.5x2	35
21x2	42
35x2	70
42x2	84

* TDD systems do not necessarily require contiguous frequency blocks

Table 1

In Table 1 frequency block sizes for paired deployment are given from the smallest (two, three, and four successive channels in a frequency block) to the biggest (ten and twelve successive channels in a frequency block). Deployment of the adequate frequency block size, which is dividable in the allotment plan or may be multiplied in a desirable frequency block, shall depend on expressed needs for FWA system in particular districts, also considering whether the territory is mostly rural, suburban or urban.

The block size of around 2x42 MHz shall be preferred if a higher data transmission rate is required in certain areas. Also, having one of the frequency blocks of a greater bandwidth solves not only the problem of greater demand for data transmission, but also the issue of interference between two adjacent frequency blocks. This interference is easier to resolve if the operators of two adjacent frequency blocks are using the same standardized systems.

9. In cases when two operators would both wish to operate TDD systems, while having been initially assigned adjacent paired blocks, such operators should be allowed to swap the blocks so that they could themselves achieve formation of contiguous blocks optimised for TDD operation, with due respect of national and international regulations and with the approval from the Republic Telecommunication Agency;

10. If operators are using different systems (TDD vs. FDD), the operators are required to ensure geographic and frequency separation thus providing co-existence of different systems;

11. In order to overcome problems relative to deployment of adjacent blocks in the same geographic area, external or internal guard band needs to be defined. The size of a guard band may be from one to two base channels.

12. If more than one frequency channels in the same geographic area are deployed, in particular when TDD or mixed FDD/TDD systems are located in adjacent frequency blocks and when the internal guard band is not enough, one (or more than one) of the following procedures for coexistence of adjacent frequency blocks need(s) to be applied:
    - Inter-operator co-operation in the interest of a more efficient use of assigned frequency blocks, joint solving of cases of interference, and enabling the coexistence of terminal stations (consideration and coordination of: terminal station antenna height, terminal station antenna directivity, transmitter EIRP, etc.);

- Application of mitigation techniques (appropriate geographic separation of terminal stations, natural/physical shielding, etc.);
- Application of block edge mask in order to limit the emission in the adjacent frequency block (ECC/REC (04)05, Annex 3);

13. The operator shall have the possibility to rearrange the defined channel spacing in the way such as to enable, in view of expressed needs, a more efficient use of assigned frequency block, without affecting adjacent frequency blocks;
14. In the interest of inter-operator coexistence, the operators are required to apply the recommended procedure for interference avoidance between co-frequency adjacent-area assignments, contained in ECC/REC (04)05, Annex 4.

3.2. Basic technical parameters

a) Bands 3410 - 3500 MHz, 3510 - 3600 MHz, 3600 - 3700 MHz and 3700 - 3800 MHz are allocated to fixed wireless access;
b) Band 3400-3600 MHz contains 25 two-way radio channels with channel spacing of 3.5 MHz and transmit/receive spacing of 100 MHz for FDD operation. The outline of channel allocation with central frequency of the channels is given in Annex 1, Table 9;
c) Band 3600-3800 MHz contains 28 two-way radio channels with channel spacing of 3.5 MHz and transmit/receive spacing of 100 MHz for FDD operation. The outline of channel allocation with central frequency of the channels is given in Annex 1, Table 10;
d) Frequency assignment shall be based on slots of 0.25 MHz in frequency bands 3410 - 3500 MHz, 3510 - 3600 MHz, 3600 - 3700 MHz and 3700 - 3800 MHz. The frequency of the lower edge of a frequency band shall be defined by the following equation:

$$Fs = 3410 + 0.25\ N \text{ MHz}, \quad \text{where: } 0 \le N \le 759 \text{ MHz}.$$

e) Transmit frequency of the central station shall be in bands 3510-3600 MHz and 3700-3800 MHz and the frequency of the terminal station shall be in bands 3410-3500 MHz and 3600-3700 MHz;
f) Transmitters using non-preferential frequencies may produce spectral pfd which shall not exceed -122 dBW/(MHz.m2) at the borderline with a neighbouring country;
g) Transmitters using preferential frequencies may produce spectral pfd which shall not exceed -122 dBW/(MHz.m2) at a 15 km distance inside the territory of a neighbouring country;
h) Within the borders of a district, spectral pfd shall not exceed -122 dBW/(MHz.m2) at a 7.5 km distance beyond the district borders;
i) Maximum EIRP spectral pfd of a transmitter shall be as follows:

Station Type	Max EIRP spectral density (dBW/MHz)*
Central Station (CS)	+23 **
Terminal Station (TS) outdoor	+20
Terminal Station (TS) indoor	+12

* - : the total power delivered by a transmitter to the antenna of a station should not exceed 13 dBW, ITU RR S21.5 refers
** - Central station EIRP density value given in the table is considered suitable for conventional 90 deg sectorial antennas.

Table 2

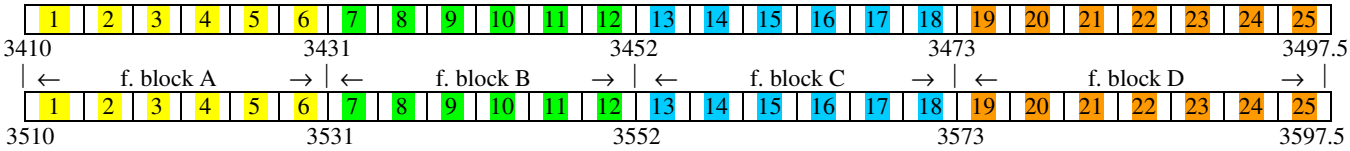
4. Frequency Allotment Plan

Pursuant to the adopted basic regulatory assumptions and pursuant to basic technical parameters, considering the stated legal regulations, the following allotment of frequency blocks is herein defined:

4.1. Allotment of Frequency Blocks in Band 3400-3600 MHz (band 3.5 GHz)

Frequency Block	Allocated Frequency Block *	Allocated Channels	Internal Guard Channel	Block Bandwidth	Number of Allocated Channels **
A	3411.75-3429.25/3511.75-3529.25 MHz	1-6	6*	2 x 21 MHz	6
B	3432.75-3450.25/3532.75-3550.25 MHz	7-12	7**,12	2 x 21MHz	6
C	3453.75-3471.25/ 3553.75-3571.25 MHz	13-18	18	2 x 21 MHz	6
D	3474.75-3495.75/ 3574.75-3595.75 MHz	19-25	-	2 x 24.5 MHz	7

* Internal guard channel for the territory outside the border area.
** Internal guard channel for the border area
Border area comprises the territory from the borderline to the 15th km (inclusive) inside the country's territory.

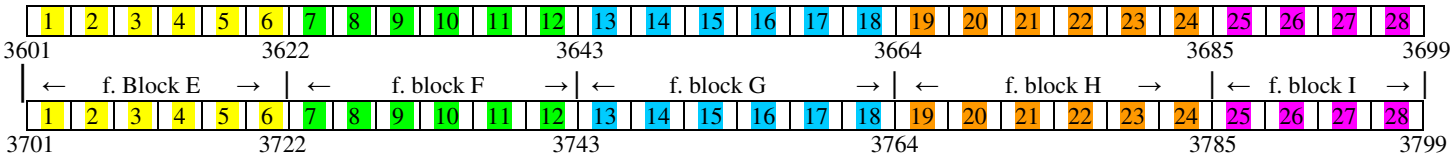


* central frequencies of the first and last channel in the allocated frequency block
** possible channel assignment within the frequency block or joining of frequency blocks (2; 3; 4; 5; 10; 12, or according to expressed needs) in accordance with Table 1.

Table 3

4.2. Allotment of Frequency Blocks in Band 3600-3800 MHz (band 3.7 GHz)

Frequency Block	Allocated Frequency Block *	Allocated Channels	Internal Guard Channel	Block Bandwidth	Number of Allocated Channels **
E	3602.75-3620.25/3702.75-3720.25 MHz	1-6	6	2 x 21 MHz	6
F	3623.75-3641.25/3723.75-3741.25 MHz	7-12	12	2 x 21 MHz	6
G	3644.75-3662.25/3744.75-3762.25 MHz	13-18	18	2 x 21 MHz	6
H	3665.75-3683.25/ 3765.75-3783.25 MHz	19-24	24	2 x 21 MHz	6
I	3686.75-3697.25/ 3786.75-3797.25 MHz	25-28	-	2 x 14 MHz	4



* central frequencies of the first and last channel in the allocated frequency block
** possible channel assignment within the frequency block or joining of frequency blocks (2; 3; 4; 5; 10; 12, or according to expressed needs) in accordance with Table 1.

Table 4

5. Territorial Division of the Republic of Serbia and Allotment of Frequency Blocks by Districts

The territorial division of the Republic of Serbia is based on the political division into districts*. The name of the district with the total number of inhabitants and the number of pertaining municipalities is given in Table 5.

Number	District Name	Number of Municipalities	Pertaining Municipalities	Total Number of Inhabitants
1.	City of Belgrade	16	Barajevo, Voždovac, Vračar, Grocka, Zvezdara, Zemun, Lazarevac, Mladenovac, Novi Beograd, Obrenovac, Palilula, Rakovica, Savski Venac, Sopot, Stari Grad, Čukarica	1 576 124
2.	Bačka North	3	Bačka Topola, Mali Iđoš, Subotica	200 140
3.	Central Banat	5	Žitište, Zrenjanin, Nova Crnja, Novi Bečej, Sečanj	208 456
4.	North Banat	6	Ada, Kanjiža, Kikinda, Novi Kneževac, Senta, Čoka	165 881
5.	South Banat	8	Alibunar, Bela Crkva, Vršac, Kovačica, Kovin, Opovo, Pančevo, Plandište	313 937
6.	West Bačka	4	Apatin, Kula, Odžaci, Sombor	214 011
7.	South Bačka	12	Bač, Bačka Palanka, Bački Petrovac, Beočin, Bečej, Vrbas, Žabalj, Novi Sad-city, Srbobran, Sremski Karlovci, Temerin, Titel	593 666
8.	Sremski	7	Inđija, Irig, Pećinci, Ruma, Sremska Mitrovica, Stara Pazova, Šid	335 901
9.	Mačvanski	8	Bogatić, Vladimirci, Koceljeva, Krupanj, Loznica, Ljubovije, Mali Zvornik, Šabac	329 625
10.	Kolubarski	6	Valjevo, Lajkovac, Ljig, Mionica, Osečina, Ub,	192 204
11.	Podunavski	3	Velika Plana, Smederevo, Smederevska Palanka,	210 290
12.	Braničevski	8	Veliko Gradište, Golubac, Žabari, Žagubica, Kučevo, Malo Crniće, Petrovac, Požarevac,	200 503
13.	Šumadijski	7	Aranđelovac, Batočina, Knić, Kragujevac-city, Lapovo, Rača, Topola	298 778
14.	Pomoravski	6	Despotovac, Jagodina, Paraćin, Rekovac, Svilajnac, Ćuprija	227 435
15.	Borski	4	Bor, Kladovo, Majdanpek, Negotin	146 551
16.	Zaječarski	4	Boljevac, Zaječar, Knjaževac, Sokobanja	137 561
17.	Zlatiborski	10	Arilje, Bajna Bašta, Kosijerić, Nova Varoš, Požega, Priboj, Prijepolje, Sjenica, Užice, Čajetina	313 396
18.	Moravički	5	Gornji Milanovac, Ivanjica, Lučani, Čačak,	224 772
19.	Raški	5	Vrnjačka Banja, Kraljevo, Novi Pazar, Raška, Tutin,	291 230
20.	Rasinski	6	Aleksandrovac, Brus, Varvarin, Kruševac, Trstenik, Ćićevac	259 441
21.	Nišavski	8	Niš, Niška Banja, Aleksinac, Gadžin Han, Doljevac, Merošina, Ražanj, Svrljig,	381 757
22.	Toplički	4	Blace, Žitorađa, Kuršumlija, Prokuplje,	102 075
23.	Pirotski	4	Babušnica, Bela Palanka, Dimitrovgrad, Pirot	105 654
24.	Jablanički	6	Bojnik, Lebane, Vlasotince, Leskovac, Medveđa, Crna Trava	240 923
25.	Pčinjski	7	Bosilegrad, Bujanovac, Vladičin Han, Vranje, Preševo, Surdulica, Trgovište	227 690

Table 5

* Data based on the 2002 census

The allocation of frequency blocks and their designation by districts is given in Table 6.

District	Assigned Frequency Block		Frequency Block Designation		Frequency Block Bandwidth	
	band 3.5 GHz	band 3.7 GHz	band 3.5 GHz	band 3.7 GHz	band 3.5 GHz	band 3.7 GHz
01 – City of Belgrade	A	E	01 A	01 E	2 x 21 MHz	2 x 21 MHz
	B	F	01 B	01 F	2 x 21MHz	2 x 21MHz
	C	G	01 C	01 G	2 x 21 MHz	2 x 21 MHz
	D	H	01 D	01 G	2 x 24.5 MHz	2 x 21 MHz
		I		01 I		2x 14 MHz
02 - Bačka North	A	E	02 A	02 E	2 x 21 MHz	2 x 21 MHz
	B	F	02 B	02 F	2 x 21MHz	2 x 21MHz
	C	G	02 C	02 G	2 x 21 MHz	2 x 21 MHz
	D	H	02 D	02 G	2 x 24.5 MHz	2 x 21 MHz

		I		02 I		2x 14 MHz
03 – Central Banat	A	E	03 A	03 E	2 x 21 MHz	2 x 21 MHz
	B	F	03 B	03 F	2 x 21MHz	2 x 21MHz
	C	G	03 C	03 G	2 x 21 MHz	2 x 21 MHz
	D	H	03 D	03 G	2 x 24.5 MHz	2 x 21 MHz
		I		03 I		2x 14 MHz
04 – North Banat	A	E	04 A	04 E	2 x 21 MHz	2 x 21 MHz
	B	F	04 B	04 F	2 x 21MHz	2 x 21MHz
	C	G	04 C	04 G	2 x 21 MHz	2 x 21 MHz
	D	H	04 D	04 G	2 x 24.5 MHz	2 x 21 MHz
		I		04 I		2x 14 MHz
05 – South Banat	A	E	05 A	05 E	2 x 21 MHz	2 x 21 MHz
	B	F	05 B	05 F	2 x 21MHz	2 x 21MHz
	C	G	05 C	05 G	2 x 21 MHz	2 x 21 MHz
	D	H	05 D	05 G	2 x 24.5 MHz	2 x 21 MHz
		I		05 I		2x 14 MHz
06 - West Bačka	A	E	06 A	06 E	2 x 21 MHz	2 x 21 MHz
	B	F	06 B	06 F	2 x 21MHz	2 x 21MHz
	C	G	06 C	06 G	2 x 21 MHz	2 x 21 MHz
	D	H	06 D	06 G	2 x 24.5 MHz	2 x 21 MHz
		I		067 I		2x 14 MHz
07 – South Bačka	A	E	07 A	07 E	2 x 21 MHz	2 x 21 MHz
	B	F	07 B	07 F	2 x 21MHz	2 x 21MHz
	C	G	07 C	07 G	2 x 21 MHz	2 x 21 MHz
	D	H	07 D	07 G	2 x 24.5 MHz	2 x 21 MHz
		I		07 I		2x 14 MHz
08 - Sremski	A	E	08 A	08 E	2 x 21 MHz	2 x 21 MHz
	B	F	08 B	08 F	2 x 21MHz	2 x 21MHz
	C	G	08 C	08 G	2 x 21 MHz	2 x 21 MHz
	D	H	08 D	08 G	2 x 24.5 MHz	2 x 21 MHz
		I		08 I		2x 14 MHz
09 - Mačvanski	A	E	09 A	09 E	2 x 21 MHz	2 x 21 MHz
	B	F	09 B	09 F	2 x 21MHz	2 x 21MHz
	C	G	09 C	09 G	2 x 21 MHz	2 x 21 MHz
	D	H	09 D	09 G	2 x 24.5 MHz	2 x 21 MHz
		I		09 I		2x 14 MHz
10 - Kolubarski	A	E	10 A	10 E	2 x 21 MHz	2 x 21 MHz
	B	F	10 B	10 F	2 x 21MHz	2 x 21MHz
	C	G	10 C	10 G	2 x 21 MHz	2 x 21 MHz
	D	H	10 D	10 G	2 x 24.5 MHz	2 x 21 MHz
		I		10 I		2x 14 MHz
11 - Podunavski	A	E	11 A	11 E	2 x 21 MHz	2 x 21 MHz
	B	F	11 B	11 F	2 x 21MHz	2 x 21MHz
	C	G	11 C	11 G	2 x 21 MHz	2 x 21 MHz
	D	H	11 D	11 G	2 x 24.5 MHz	2 x 21 MHz
		I		11 I		2x 14 MHz
12 - Braničevski	A	E	12 A	12 E	2 x 21 MHz	2 x 21 MHz
	B	F	12 B	12 F	2 x 21MHz	2 x 21MHz
	C	G	12 C	12 G	2 x 21 MHz	2 x 21 MHz
	D	H	12 D	12 G	2 x 24.5 MHz	2 x 21 MHz
		I		12 I		2x 14 MHz
13 - Šumadijski	A	E	13 A	13 E	2 x 21 MHz	2 x 21 MHz
	B	F	13 B	13 F	2 x 21MHz	2 x 21MHz
	C	G	13 C	13 G	2 x 21 MHz	2 x 21 MHz
	D	H	13 D	13 G	2 x 24.5 MHz	2 x 21 MHz
		I		13 I		2x 14 MHz
14 - Pomoravski	A	E	14 A	14 E	2 x 21 MHz	2 x 21 MHz
	B	F	14 B	14 F	2 x 21MHz	2 x 21MHz
	C	G	14 C	14 G	2 x 21 MHz	2 x 21 MHz
	D	H	14 D	14 G	2 x 24.5 MHz	2 x 21 MHz
		I		14 I		2x 14 MHz
15 - Borski	A	E	15 A	15 E	2 x 21 MHz	2 x 21 MHz
	B	F	15 B	15 F	2 x 21MHz	2 x 21MHz
	C	G	15 C	15 G	2 x 21 MHz	2 x 21 MHz

	D	H I	15 D	15 G 15 I	2 x 24.5 MHz	2 x 21 MHz 2 x 14 MHz
16 - Zaječarski	A B C D	E F G H I	16 A 16 B 16 C 16 D	16 E 16 F 16 G 16 G 16 I	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 24.5 MHz	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 21 MHz 2 x 14 MHz
17 - Zlatiborski	A B C D	E F G H I	17 A 17 B 17 C 17 D	17 E 17 F 17 G 17 G 17 I	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 24.5 MHz	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 21 MHz 2x 14 MHz
18 - Moravički	A B C D	E F G H I	18 A 18 B 18 C 18 D	18 E 18 F 18 G 18 G 18 I	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 24.5 MHz	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 21 MHz 2 x 14 MHz
19 - Raški	A B C D	E F G H I	19 A 19 B 19 C 19 D	19 E 19 F 19 G 19 G 19 I	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 24.5 MHz	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 21 MHz 2 x 14 MHz
20 - Rasinski	A B C D	E F G H I	20 A 20 B 20 C 20 D	20 E 20 F 20 G 20 G 20 I	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 24.5 MHz	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 21 MHz 2 x 14 MHz
21 - Nišavski	A B C D	E F G H I	21 A 21 B 21 C 21 D	21 E 21 F 21 G 21 G 21 I	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 24.5 MHz	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 21 MHz 2 x 14 MHz
22 - Toplički	A B C D	E F G H I	22 A 22 B 22 C 22 D	22 E 22 F 22 G 22 G 22 I	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 24.5 MHz	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 21 MHz 2 x 14 MHz
23 - Pirotski	A B C D	E F G H I	23 A 23 B 23 C 23 D	23 E 23 F 23 G 23 G 23 I	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 24.5 MHz	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 21 MHz 2 x 14 MHz
24 - Jablanički	A B C D	E F G H I	24 A 24 B 24 C 24 D	24 E 24 F 24 G 24 G 24 I	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 24.5 MHz	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 21 MHz 2x 14 MHz
25 - Pčinjski	A B C D	E F G H I	25 A 25 B 25 C 25 D	25 E 25 F 25 G 25 G 25 I	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 24.5 MHz	2 x 21 MHz 2 x 21MHz 2 x 21 MHz 2 x 21 MHz 2x 14 MHz

Table 6

6. Distribution of Preferential Channels in Border Area

Pursuant to the Agreement between the Administrations of Croatia, Romania, Serbia and Hungary concerning the frequency co-ordination and preferential frequency distribution for Fixed Wireless Access (FWA) systems in the bands 3410-3500 MHz and 3510-3600 MHz, the outline of preferential channels distribution in border area by countries is given in Table 7.

Border Area	Preferential Channels Distribution in Band 3410-3600 MHz
SRB/HNG/HRV	1,2,9,10,13,14,19,20
SRB/HRV	1,2,5,6,9,10,11,12,13,14,19,20
SRB/HNG	1,2,3,4,9,10,13,14,19,20,21,22
SRB/HNG/ROU	1,2, 9,10,13,14,19,20
SRB/ROU	1,2,5,6,9,10,13,14,19,20,23,24

Table 7

7. Implementation of Allotment Plan

The user who obtains an individual license for frequency block utilisation through a public contest is required to observe the provisions given in items 3.1 and 3.2 in the implementation of their FWA system, with mandatory application of the defined guard band contained in the corresponding table of the Allocation Plan.

When announcing a public contest (tender) for the territory of one district, the following needs to be considered: the size of the district, territory the district is composed of, i.e. whether is a rural, suburban or urban area, expressed need relative to the number of blocks which will be the subject of the public contest, etc. According to these needs, pursuant to the Allotment Plan, the basic frequency blocks given in six-channel sequences may be multiplied into one twelve-channel block in order to obtain a national license for the territory of the Republic of Serbia, or rather, divide the basic six-channel block into two or three sub-blocks for the territory of one specific district according to the expressed needs of the users.

Annex 1

Channel Number-n	Channel Designation	Central Frequency of the Channel (MHz)	Channel number-n'	Channel Designation	Central Frequency of the Channel (MHz)
1	2	3	4	5	6
1	01B	3411,75	1	01H	3511,75
2	02B	3415,25	2	02H	3515,25
3	03B	3418,75	3	03H	3518,75
4	04B	3422,25	4	04H	3522,25
5	05B	3425,75	5	05H	3525,75
6	06B	3429,25	6	06H	3529,25
7	07B	3432,75	7	07H	3532,75
8	08B	3436,25	8	08H	3536,25
9	09B	3439,75	9	09H	3539,75
10	10B	3443,25	10	10H	3543,25
11	11B	3446,75	11	11H	3546,75
12	12B	3450,25	12	12H	3550,25
13	13B	3453,75	13	13H	3553,75
14	14B	3457,25	14	14H	3557,25
15	15B	3460,75	15	15H	3560,75
16	16B	3464,25	16	16H	3564,25
17	17B	3467,75	17	17H	3567,75
18	18B	3471,25	18	18H	3571,25
19	19B	3474,75	19	19H	3574,75
20	20B	3478,25	20	20H	3578,25
21	21B	3481,75	21	21H	3581,75
22	22B	3485,25	22	22H	3585,25
23	23B	3488,75	23	23H	3588,75
24	24B	3492,25	24	24H	3592,25
25	25B	3495,75	25	25H	3595,75

Table 9

Channel Number-n	Channel Designation	Central Frequency of the Channel (MHz)	Channel number-n'	Channel Designation	Central Frequency of the Channel (MHz)
1	2	3	4	5	6
1	01B	3602.75	1	01H	3702.75
2	02B	3606.25	2	02H	3706.25
3	03B	3609.75	3	03H	3709.75
4	04B	3613.25	4	04H	3713.25
5	05B	3616.75	5	05H	3716.75
6	06B	3620.25	6	06H	3720.25
7	07B	3623.75	7	07H	3723.75
8	08B	3627.25	8	08H	3727.25
9	09B	3630.75	9	09H	3730.75
10	10B	3634.25	10	10H	3734.25
11	11B	3637.75	11	11H	3737.75
12	12B	3641.25	12	12H	3741.25
13	13B	3644.75	13	13H	3744.75
14	14B	3648.25	14	14H	3748.25
15	15B	3651.75	15	15H	3751.75
16	16B	3655.25	16	16H	3755.25
17	17B	3658.75	17	17H	3758.75
18	18B	3662.25	18	18H	3762.25
19	19B	3665.75	19	19H	3765.75
20	20B	3669.25	20	20H	3769.25
21	21B	3672.75	21	21H	3772.75
22	22B	3676.25	22	22H	3776.25
23	23B	3679.75	23	23H	3779.75
24	24B	3683.25	24	24H	3783.25
25	25B	3686.75	25	25H	3786.75
26	26B	3690.25	26	26H	3790.25
27	27B	3693.75	27	27H	3793.75
28	28B	3697.25	28	28H	3797.25

Table 10