

## Annex I: Designation and description of assignment blocks (Version 06.07.2018)

### 1 700 MHz (700 MHz band, 2 x 30 MHz)

Frequency band	Name of frequency block	Bandwidth	Channel number	Frequency from ... to ... (uplink / downlink)	Restrictions / Effects on use	Comments
700 MHz (paired)	<b>A1</b>	2 x 5 MHz	-	703.0 - 708.0 MHz / 758.0 - 763.0 MHz	Possible effect in border regions due to DTV in neighbouring countries until mid-2022, e.g. Italy. Protection of broadcasting allotments in other countries must be continued.	DECISION (EU)2017/899
	<b>A2</b>	2 x 5 MHz	-	708.0 - 713.0 MHz / 763.0 - 768.0 MHz	Ditto	
	<b>A3</b>	2 x 5 MHz	-	713.0 - 718.0 MHz / 768.0 - 773.0 MHz	Ditto	
	<b>A4</b>	2 x 5 MHz	-	718.0 - 723.0 MHz / 773.0 - 778.0 MHz	Ditto	
	<b>A5</b>	2 x 5 MHz	-	723.0 - 728.0 MHz / 778.0 - 783.0 MHz	Ditto	
	<b>A6</b>	2 x 5 MHz	-	728.0 - 733.0 MHz / 783.0 - 788.0 MHz	Ditto	

**Note:**

DTV at the border according to DECISION (EU) 2017/899 OF THE EUROPEAN PARLIAMENT AND COUNCIL of 17 May 2017 on the use of the 470-790 MHz frequency band in the Union.

## 2 700 MHz TDD/SDL (700 MHz band, 1 x 15 MHz)

Frequency band	Name of frequency block	Bandwidth	Channel number	Frequency from ... to ... (uplink / downlink)	Restrictions / Effects on use	Comments
700 MHz (unpaired)	<b>B1</b>	1 x 5 MHz	-	738.0 – 743.0 MHz	Compatibility with PPDR must be guaranteed. Possible effect in border regions due to DTV in neighbouring countries until mid-2022, e.g. Italy. Protection of broadcasting allotments in other countries must be continued.	ECC Report 239, ECC/DEC/(15)01 DECISION (EU)2017/899
	<b>B2</b>	1 x 5 MHz	-	743.0 – 748.0 MHz	Ditto DTV	
	<b>B3</b>	1 x 5 MHz	-	748.0 – 753.0 MHz	Compatibility with PPDR must be guaranteed. Ditto DTV	ECC Report 239, ECC/DEC/(15)01

### Notes:

DTV at the border according to DECISION (EU) 2017/899 OF THE EUROPEAN PARLIAMENT AND COUNCIL of 17 May 2017 on the use of the 470-790 MHz frequency band in the Union.

### 3 1400 MHz TDD/SDL (1400 MHz band, 1 x 90 MHz)

Frequency band	Name of frequency block	Bandwidth	Channel number	Frequency from ... to ... (uplink / downlink)	Restrictions / Effects on use	Comments
1400 MHz (unpaired)	<b>C101</b>	1 x 5 MHz	-	1427 - 1432 MHz	Restricted utilisation according to ECC/DEC/(17)06, Annex 2 and ECC Report 269  Consideration of old allocations	Lower outer band
	<b>C102</b>	1 x 5 MHz	-	1432 - 1437 MHz	Coordination necessary; utilisation until end of 2019 not possible throughout Switzerland	Lower outer band; protection of the partial range 1438 – 1441 MHz. Not to be transmitted throughout Switzerland.
	<b>C103</b>	1 x 5 MHz	-	1437 - 1442 MHz	Coordination necessary	Lower outer band
	<b>C104</b>	1 x 5 MHz	-	1442 - 1447 MHz	Coordination necessary	Lower outer band
	<b>C105</b>	1 x 5 MHz	-	1447 - 1452 MHz	Coordination necessary	Lower outer band
	<b>C201</b>	1 x 5 MHz	-	1452 - 1457 MHz	Coordination necessary	Core band
	<b>C202</b>	1 x 5 MHz	-	1457 - 1462 MHz	Coordination necessary	Core band
	<b>C203</b>	1 x 5 MHz	-	1462 - 1467 MHz	Coordination necessary	Core band
	<b>C204</b>	1 x 5 MHz	-	1467 - 1472 MHz	Coordination necessary	Core band
	<b>C205</b>	1 x 5 MHz	-	1472 - 1477 MHz	Coordination necessary	Core band
	<b>C206</b>	1 x 5 MHz	-	1477 - 1482 MHz	Coordination necessary	Core band

<b>C207</b>	1 x 5 MHz	-	1482 - 1487 MHz	Coordination necessary	Core band
<b>C208</b>	1 x 5 MHz	-	1487 - 1492 MHz	Coordination necessary	Core band
<b>C301</b>	1 x 5 MHz	-	1492 - 1497 MHz	Coordination necessary; local restriction on use in the area affecting large airports	Upper outer band
<b>C302</b>	1 x 5 MHz	-	1497 - 1502 MHz	Coordination necessary; local restriction on use in the area affecting large airports	Upper outer band
<b>C303</b>	1 x 5 MHz	-	1502 - 1507 MHz	Coordination necessary; local restriction on use in the area affecting large airports	Upper outer band
<b>C304</b>	1 x 5 MHz	-	1507 - 1512 MHz	Coordination necessary; local restriction on use in the area affecting large airports	Upper outer band
<b>C305</b>	1 x 5 MHz	-	1512 - 1517 MHz	Restricted utilisation according to ECC/DEC/(17)06, Annex 2 and ECC Report 269  Precautions for protection of MES above 1518 MHz  Coordination necessary; local restriction on use in the area affecting large airports	Upper outer band  1517 – 1518 MHz is a guard band.

**Notes:**

The following applies to the entire frequency band: local restrictions in respect of neighbouring countries are possible. The precise criteria and parameters relating to the protection of MES above 1518 MHz are being drawn up at European level (CEPT) and will be able to be indicated only at a later point in time. This relates in particular to utilisation of block C3 01 – C3 05 in areas near large airports.

#### 4 2600 MHz FDD (2600 MHz band, 2 x 5 MHz)

Frequency band	Name of frequency block	Bandwidth	Channel number	Frequency from ... to ... (uplink / downlink)	Restrictions / Effects on use	Comments
2600 MHz (paired)	D1	2 x 5 MHz	-	2565.0 - 2570.0 MHz / 2685.0 - 2690.0 MHz	Local effects on and by radar installations possible. Restrictions for protection of TDD above 2570 MHz possible.	

**Notes:**

Base stations which are operated in the frequency range above 2700 MHz located less than 2 km from air traffic and airspace control radar installations must be coordinated.

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## 5 3500 MHz TDD (3400 MHz band, C-band, 1 x 100 MHz)

Frequency band	Name of frequency block	Bandwidth	Channel number	Frequency from ... to ... (uplink / downlink)	Restrictions / Effects on use	Comments
3500 MHz (unpaired)	<b>E01</b>	1 x 20 MHz	-	3500 - 3520 MHz	All blocks: restrictions in zones Valais, Geneva and Lake Constance (Immenstaad D); field strength restriction at SES locations, see note, specific restrictions apply due to applications of the Swiss Confederation	
	<b>E02</b>	1 x 20 MHz	-	3520 - 3540 MHz	Ditto	
	<b>E03</b>	1 x 20 MHz	-	3540 - 3560 MHz	Ditto	
	<b>E04</b>	1 x 20 MHz	-	3560 - 3580 MHz	Ditto	
	<b>E05</b>	1 x 20 MHz	-	3580 - 3600 MHz	Ditto	

**Note/Restrictions:** To protect Satellite Earth Station (SES) receivers from overloading, the aggregated reception power per frequency block at the SES locations shall not exceed the **values P1** given in Table 5 of the tender documents. This concerns all transmitters in the 3500 – 3800 MHz range

## 6 3700 MHz TDD (3600 MHz band, C-band, 1 x 200 MHz)

Frequency band	Name of frequency block	Bandwidth	Channel number	Frequency from ... to ... (uplink / downlink)	Restrictions / Effects on use	Comments
3600 MHz (unpaired)	<b>E06</b>	1 x 20 MHz	-	3600 - 3620 MHz	All blocks: restrictions in zones Valais, Geneva and Lake Constance (Immenstaad D); field strength restriction at SES locations, see note, specific restrictions apply due to applications of the Swiss Confederation	
	<b>E07</b>	1 x 20 MHz	-	3620 - 3640 MHz	Ditto	
	<b>E08</b>	1 x 20 MHz	-	3640 - 3660 MHz	Ditto; No use in the reserved zone Wallis (Polygon)	Protection of Leuk
	<b>E09</b>	1 x 20 MHz	-	3660 - 3680 MHz	Ditto; No use in the reserved zone Wallis (Polygon)	Protection of Leuk
	<b>E10</b>	1 x 20 MHz	-	3680 - 3700 MHz	Ditto; No use in the reserved zone Wallis (Polygon)	Protection of Leuk
3700 MHz (unpaired)	<b>E11</b>	1 x 20 MHz	-	3700 - 3720 MHz	Ditto; No use in the reserved zone Wallis (Polygon)	Protection of Leuk
	<b>E12</b>	1 x 20 MHz	-	3720 - 3740 MHz	Ditto; No use in the reserved zone Wallis (Polygon)	Protection of Leuk
	<b>E13</b>	1 x 20 MHz	-	3740 - 3760 MHz	Ditto; No use in the reserved zone Wallis (Polygon)	Protection of Leuk
	<b>E14</b>	1 x 20 MHz	-	3760 - 3780 MHz	Ditto; No use in the reserved zone Wallis (Polygon)	Protection of Leuk
	<b>E15</b>	1 x 20 MHz	-	3780 - 3800 MHz	Ditto; No use in the reserved zone Wallis (Polygon)	Protection of Leuk

### Notes/restrictions:

To protect Satellite Earth Station (SES) receivers from overloading/blocking, the aggregated reception power per frequency block at the SES locations shall not exceed the **values P1** given in Table 5 of the tender documents. This concerns all transmitters in the 3500 – 3800 MHz range.

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To protect SES receivers from same-channel interference, the aggregated reception power per 1 MHz at the SES locations shall not exceed the **values P2** given in Table 5 of the tender documents. This concerns all transmitters located within the reception frequency range of the listed SES.

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To protect the Leuk Satellite Earth Station, transmission shall not take place in the following polygon in the 3640-3800 MHz frequency band.

