

Minutes
of the meeting of representatives of the Administrations of
the Czech Republic, Germany, Poland and the Slovak
Republic concerning the Agreements on frequency
coordination for land mobile services
Wroclaw, 15 – 17 October, 2002

1. Opening of the Meeting

On the invitation of the Office of Telecommunications and Post Regulation of Poland the meeting of the representatives of the Administrations of the Czech Republic, Germany, Poland and the Slovak Republic concerning the Agreements on frequency coordination for land mobile services took place in Wroclaw 15 - 17 October 2002. The chairman of the meeting, Mr. Wiktor Segal (Vice Director of the Department of Frequency Resources Management in the Office of Telecommunications and Post Regulation) welcomed the participants on behalf of the Polish Administration and provided them with information about organizational issues.

2. Adoption of the Agenda

The agenda was adopted as given in Annex 1.
The List of Participants is given in Annex 2.
The List of Input Documents is given in Annex 3.

3. Results of the work

The chairman introduced the subjects and documents which were proposed to be discussed during the meeting. After discussions carried out in the sub working groups the following results were achieved:

GSM 1800

D asked POL to modify the existing agreement and rearrange the division according to its proposal. It was agreed to relocate the following 24 channels:

594 – 600, 606 - 610, 725 – 735 and 748 from POL into D preferential frequencies
and

537 – 548 and 563 – 574 from D into POL preferential frequencies.

The concluded agreement is attached as the Annex 4.

TETRA EMERGENCY (band 380-385/390-395 MHz)

SVK pointed out that the preferential frequency distribution had been agreed in Prague, June 2000 and since it would cause problems to modify existing network SVK could not accept any modifications. The concluded agreement is attached as the Annex 5.

The band 146-174 MHz

Up to 2003 SVK did not see any possibilities to divide the band into preferential frequencies because the band is heavily utilized by different services (civil and military services). After 2003 the situation will be changed when the part of the band is released by the military service. The similar situation is in POL.

CZE pointed out that the sub bands 147.975 – 148.650 MHz and 148.675 – 150.00 MHz were also utilized by governmental services and it was not known when they would be released.

POL and D elaborated the preliminary division of preferential frequencies in the bands 164.5 – 165.5 MHz, 165.5 – 167.5 MHz, 167.55 – 169.39 MHz and 169.8 – 170.1 MHz but the signing of the agreement was put off up to the next meeting which is planned in the beginning of the next year. In the meantime the prepared project will be verified by D. The above division and the project of the agreement is attached to the minutes as the Annex 6.

The band 410-430 MHz

CZE and SVK accepted the conditions and preferential frequency partitioning as had been agreed between administrations of Poland and former Czechoslovakia. Missing preferential frequency distribution in 3-country case was worked out. The concluded agreement is attached as the Annex 7.

POL asked D for relocation of some channels (1 - 20 into 141 - 160) and D promised to consider the Polish proposal after the meeting.

The band 440-470 MHz

There is a bilateral agreement between POL and D concerning the sub band 448 - 450 MHz and multilateral agreement on the preferential partitioning of the band 450,00 – 455,74 / 460,00 – 465,74 MHz between POL, D and former Czechoslovakia. POL and D expressed their interest in the division of the whole band. CZE was also interested in the agreement but it could see some difficulties in ensuring the protection of the existing stations which are in operation on its territory. On the territory of the Czech Republic and the Slovak Republic assignments in the frequency bands 448 – 450 MHz, 450 – 460 MHz and 460 – 470 MHz are made according to the rhombic plan with the frequency resolution of 20 kHz. CZE and SVK provided POL with the frequency assignment map and POL promised to consider the possibility of the division into preferential frequencies between CZE and POL and between SVK and POL after the meeting. The prepared proposals will be sent to the involved administrations.

There is a great number of assignments made in the bands 457 – 460 MHz and 467 – 470 MHz on the territory of Germany, the Czech Republic and the Slovak Republic and it is not possible for these administrations to make a decision on the division. POL expressed its interest in the division of the band into 200 kHz blocks. It was decided that after the meeting POL would consider the preferential division and send its proposals to the involved administrations.

E-GSM

D was not interested in the preferential division of the band because it is used by the military service. The divisions were elaborated for the following bilateral and trilateral cases: CZE/POL/SVK, POL/SVK, CZE/SVK, CZE/POL.

The concluded agreement is attached as the Annex 8.

GSM-R

The divisions were elaborated for the following bilateral and trilateral cases: D/POL, CZE/D, CZE/D/POL, CZE/POL, CZE/POL/SVK, CZE/SVK, POL/SVK.

The concluded agreement is attached as the Annex 9.

GSM 900

The work on the division of the GSM 900 band into preferential frequencies had started during the meeting of the experts held in Vienna in 1992. The result of this work was that the preferential frequencies had been preliminarily divided between three countries: D, former Czechoslovakia and POL. At the next meeting (Vienna, 1994) the elaborated division was modified when two new countries (CZE and SVK) had been taken into account. This division was accepted by SVK, CZE and POL at the meeting in Prague in 2000.

POL proposed to conclude the agreement between CZE, D and POL, which could cover the following cases: CZE/D/POL and D/POL.

SVK asked to incorporate the arrangements made in Prague in 2000 (concerning the cases: POL/CZE/SVK, POL/CZE, POL/SVK) to the proposed agreement and add the information about the all already agreed preferential division between CZE and SVK. Additionally it was decided to incorporate the CZE/D case to the agreement as well. The SVK proposal was accepted.

The concluded agreement is attached as the Annex 10.

4. Any other business

D raised two problems. The first concerned collection of the border data. POL and SVK were asked to send their border data to the chairman of the SWG – HCM Program. POL and SVK promised to do it after the meeting. The second problem dealt with the exchange of the frequency registers. The experience gained by D and Benelux countries showed that there were a lot of discrepancies between data managed by various administrations. The question is how to manage this situation. POL proposed to clarify such cases by exchanging information about the coordination process which had been carried out. It was agreed that a special meeting might be also needed.

Referring to the last meeting in Mainz POL was asked to send information about the mobile operators utilizing GSM and UMTS bands by the end of October. POL could not see any difficulties in fulfilling this request.

The concluded agreement concerning data exchange for base stations operating in the cellular mobile networks, GSM 900 and GSM 1800 is attached as the Annex 11.

5. Closure of the meeting

Mr. Wiktor Segá thanked all delegations for their constructive co-operation and their spirit of compromise which had enabled to conclude such a number of Agreements.

For the Czech Republic



(Jiří Dvůřek)

For Germany



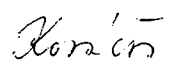
(Thomas Heutmann)

For Poland



(Wiktor Segá)

For the Slovak Republic



(Zuzana Kováčová)

AGREEMENT

between the administrations of
the Czech Republic, Poland
and the Slovak Republic

on the frequency coordination in
the frequency bands
410 – 420/420 – 430 MHz

17th October 2002, Wroclaw

1. Introduction

In the framework of the "Vienna Agreement (Berlin 2001)" the Administrations of the Czech Republic, Poland and the Slovak Republic concluded this Agreement for the purpose of the frequency coordination for land mobile systems in the frequency bands 410 - 420/420 - 430 MHz as a supplementary agreement to the Agreement Vienna, 30th Sept. 1994. The relevant provisions of the "Vienna Agreement (Berlin 2001)" shall be applied unless otherwise laid down in this agreement.

2. Principles - Background

- 2.1 The Administrations mentioned above deemed it necessary to conclude an agreement on the allotment of the preferential frequencies for land mobile systems in the frequency bands 410 - 420/420 - 430 MHz. The channel arrangement used in this agreement is shown in Annex 1.
- 2.2 The frequency bands 410 – 420 MHz and 420 – 430 MHz are divided into blocks of frequencies so that equal access to the spectrum is ensured for each Administration concerned.

3. Technical provisions and co-ordination procedure

- 3.1 The preferential frequency partitioning is described in Annex 2.
- 3.2 Preferential frequencies may be used without coordination with a neighbouring country if the field strength of each carrier produced by a station does not exceed a value of 20 dB μ V/m at a height of 10 m above ground at a distance of 50 km inside the neighbouring country.
- 3.3 Non preferential frequencies may be used without coordination with a neighbouring country if the field strength of each carrier produced by a station does not exceed a value of 20 dB μ V/m at a height of 10 m above ground at the border line.
- 3.4 In case the conditions mentioned in the items 3.2 or 3.3 are not fulfilled the frequencies are subject to the co-ordination between administrations concerned.

4. Procedure in case of harmful interference

In case of harmful interference the Administrations affected shall inform each other and endeavour to achieve mutually satisfactory solution.

5. Revision of this agreement

This Agreement can be revised in light of administrative, regulatory or technical developments at the proposal of any Signatory Administration with the agreement of all other Signatory Administrations.

6. Withdrawal from this Agreement

Any Administration may withdraw from this Agreement by the end of a calendar month by giving notice of its intention at least six months in advance. A declaration to that effect shall be addressed to the handling administration of the „Vienna Agreement (Berlin 2001)“. Frequency assignments made within the framework of this Agreement prior to the date of entry into force of the withdrawal shall remain valid and be protected according to their status.

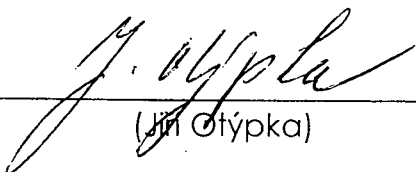
7. Language of the Agreement

The original text of this Agreement exists in English and is retained at the handling administration of the "Vienna Agreement (Berlin 2001)".

8. Date of entry into force of the Agreement

This Agreement enters into force at the date of its signature.

For the Czech Republic



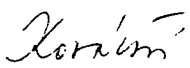
(Jiri Otýpka)

For Poland



(Wiktor Sęga)

For the Slovak Republic



(Zuzana Kováčová)

Channel arrangement in the frequency bands 410 - 420 and 420 - 430 MHz

ch. no.	Frequency	
	lower	upper
1	410,0125	420,0125
2	410,0250	420,0250
3	410,0375	420,0375
4	410,0500	420,0500
5	410,0625	420,0625
6	410,0750	420,0750
7	410,0875	420,0875
8	410,1000	420,1000
9	410,1125	420,1125
10	410,1250	420,1250
11	410,1375	420,1375
12	410,1500	420,1500
13	410,1625	420,1625
14	410,1750	420,1750
15	410,1875	420,1875
16	410,2000	420,2000
17	410,2125	420,2125
18	410,2250	420,2250
19	410,2375	420,2375
20	410,2500	420,2500
21	410,2625	420,2625
22	410,2750	420,2750
23	410,2875	420,2875
24	410,3000	420,3000
25	410,3125	420,3125
26	410,3250	420,3250
27	410,3375	420,3375
28	410,3500	420,3500
29	410,3625	420,3625
30	410,3750	420,3750
31	410,3875	420,3875
32	410,4000	420,4000
33	410,4125	420,4125
34	410,4250	420,4250
35	410,4375	420,4375
36	410,4500	420,4500
37	410,4625	420,4625
38	410,4750	420,4750
39	410,4875	420,4875
40	410,5000	420,5000

ch. no.	Frequency	
	lower	upper
41	410,5125	420,5125
42	410,5250	420,5250
43	410,5375	420,5375
44	410,5500	420,5500
45	410,5625	420,5625
46	410,5750	420,5750
47	410,5875	420,5875
48	410,6000	420,6000
49	410,6125	420,6125
50	410,6250	420,6250
51	410,6375	420,6375
52	410,6500	420,6500
53	410,6625	420,6625
54	410,6750	420,6750
55	410,6875	420,6875
56	410,7000	420,7000
57	410,7125	420,7125
58	410,7250	420,7250
59	410,7375	420,7375
60	410,7500	420,7500
61	410,7625	420,7625
62	410,7750	420,7750
63	410,7875	420,7875
64	410,8000	420,8000
65	410,8125	420,8125
66	410,8250	420,8250
67	410,8375	420,8375
68	410,8500	420,8500
69	410,8625	420,8625
70	410,8750	420,8750
71	410,8875	420,8875
72	410,9000	420,9000
73	410,9125	420,9125
74	410,9250	420,9250
75	410,9375	420,9375
76	410,9500	420,9500
77	410,9625	420,9625
78	410,9750	420,9750
79	410,9875	420,9875
80	411,0000	421,0000

ch. no.	Frequency	
	lower	upper
81	411,0125	421,0125
82	411,0250	421,0250
83	411,0375	421,0375
84	411,0500	421,0500
85	411,0625	421,0625
86	411,0750	421,0750
87	411,0875	421,0875
88	411,1000	421,1000
89	411,1125	421,1125
90	411,1250	421,1250
91	411,1375	421,1375
92	411,1500	421,1500
93	411,1625	421,1625
94	411,1750	421,1750
95	411,1875	421,1875
96	411,2000	421,2000
97	411,2125	421,2125
98	411,2250	421,2250
99	411,2375	421,2375
100	411,2500	421,2500
101	411,2625	421,2625
102	411,2750	421,2750
103	411,2875	421,2875
104	411,3000	421,3000
105	411,3125	421,3125
106	411,3250	421,3250
107	411,3375	421,3375
108	411,3500	421,3500
109	411,3625	421,3625
110	411,3750	421,3750
111	411,3875	421,3875
112	411,4000	421,4000
113	411,4125	421,4125
114	411,4250	421,4250
115	411,4375	421,4375
116	411,4500	421,4500
117	411,4625	421,4625
118	411,4750	421,4750
119	411,4875	421,4875
120	411,5000	421,5000

ch. no.	Frequency	
	lower	upper
121	411,5125	421,5125
122	411,5250	421,5250
123	411,5375	421,5375
124	411,5500	421,5500
125	411,5625	421,5625
126	411,5750	421,5750
127	411,5875	421,5875
128	411,6000	421,6000
129	411,6125	421,6125
130	411,6250	421,6250
131	411,6375	421,6375
132	411,6500	421,6500
133	411,6625	421,6625
134	411,6750	421,6750
135	411,6875	421,6875
136	411,7000	421,7000
137	411,7125	421,7125
138	411,7250	421,7250
139	411,7375	421,7375
140	411,7500	421,7500
141	411,7625	421,7625
142	411,7750	421,7750
143	411,7875	421,7875
144	411,8000	421,8000
145	411,8125	421,8125
146	411,8250	421,8250
147	411,8375	421,8375
148	411,8500	421,8500
149	411,8625	421,8625
150	411,8750	421,8750
151	411,8875	421,8875
152	411,9000	421,9000
153	411,9125	421,9125
154	411,9250	421,9250
155	411,9375	421,9375
156	411,9500	421,9500
157	411,9625	421,9625
158	411,9750	421,9750
159	411,9875	421,9875
160	412,0000	422,0000

Channel arrangement in the frequency bands 410 - 420 and 420 - 430 MHz

ch. no.	Frequency	
	lower	upper
161	412,0125	422,0125
162	412,0250	422,0250
163	412,0375	422,0375
164	412,0500	422,0500
165	412,0625	422,0625
166	412,0750	422,0750
167	412,0875	422,0875
168	412,1000	422,1000
169	412,1125	422,1125
170	412,1250	422,1250
171	412,1375	422,1375
172	412,1500	422,1500
173	412,1625	422,1625
174	412,1750	422,1750
175	412,1875	422,1875
176	412,2000	422,2000
177	412,2125	422,2125
178	412,2250	422,2250
179	412,2375	422,2375
180	412,2500	422,2500
181	412,2625	422,2625
182	412,2750	422,2750
183	412,2875	422,2875
184	412,3000	422,3000
185	412,3125	422,3125
186	412,3250	422,3250
187	412,3375	422,3375
188	412,3500	422,3500
189	412,3625	422,3625
190	412,3750	422,3750
191	412,3875	422,3875
192	412,4000	422,4000
193	412,4125	422,4125
194	412,4250	422,4250
195	412,4375	422,4375
196	412,4500	422,4500
197	412,4625	422,4625
198	412,4750	422,4750
199	412,4875	422,4875
200	412,5000	422,5000

ch. no.	Frequency	
	lower	upper
201	412,5125	422,5125
202	412,5250	422,5250
203	412,5375	422,5375
204	412,5500	422,5500
205	412,5625	422,5625
206	412,5750	422,5750
207	412,5875	422,5875
208	412,6000	422,6000
209	412,6125	422,6125
210	412,6250	422,6250
211	412,6375	422,6375
212	412,6500	422,6500
213	412,6625	422,6625
214	412,6750	422,6750
215	412,6875	422,6875
216	412,7000	422,7000
217	412,7125	422,7125
218	412,7250	422,7250
219	412,7375	422,7375
220	412,7500	422,7500
221	412,7625	422,7625
222	412,7750	422,7750
223	412,7875	422,7875
224	412,8000	422,8000
225	412,8125	422,8125
226	412,8250	422,8250
227	412,8375	422,8375
228	412,8500	422,8500
229	412,8625	422,8625
230	412,8750	422,8750
231	412,8875	422,8875
232	412,9000	422,9000
233	412,9125	422,9125
234	412,9250	422,9250
235	412,9375	422,9375
236	412,9500	422,9500
237	412,9625	422,9625
238	412,9750	422,9750
239	412,9875	422,9875
240	413,0000	423,0000

ch. no.	Frequency	
	lower	upper
241	413,0125	423,0125
242	413,0250	423,0250
243	413,0375	423,0375
244	413,0500	423,0500
245	413,0625	423,0625
246	413,0750	423,0750
247	413,0875	423,0875
248	413,1000	423,1000
249	413,1125	423,1125
250	413,1250	423,1250
251	413,1375	423,1375
252	413,1500	423,1500
253	413,1625	423,1625
254	413,1750	423,1750
255	413,1875	423,1875
256	413,2000	423,2000
257	413,2125	423,2125
258	413,2250	423,2250
259	413,2375	423,2375
260	413,2500	423,2500
261	413,2625	423,2625
262	413,2750	423,2750
263	413,2875	423,2875
264	413,3000	423,3000
265	413,3125	423,3125
266	413,3250	423,3250
267	413,3375	423,3375
268	413,3500	423,3500
269	413,3625	423,3625
270	413,3750	423,3750
271	413,3875	423,3875
272	413,4000	423,4000
273	413,4125	423,4125
274	413,4250	423,4250
275	413,4375	423,4375
276	413,4500	423,4500
277	413,4625	423,4625
278	413,4750	423,4750
279	413,4875	423,4875
280	413,5000	423,5000

ch. no.	Frequency	
	lower	upper
281	413,5125	423,5125
282	413,5250	423,5250
283	413,5375	423,5375
284	413,5500	423,5500
285	413,5625	423,5625
286	413,5750	423,5750
287	413,5875	423,5875
288	413,6000	423,6000
289	413,6125	423,6125
290	413,6250	423,6250
291	413,6375	423,6375
292	413,6500	423,6500
293	413,6625	423,6625
294	413,6750	423,6750
295	413,6875	423,6875
296	413,7000	423,7000
297	413,7125	423,7125
298	413,7250	423,7250
299	413,7375	423,7375
300	413,7500	423,7500
301	413,7625	423,7625
302	413,7750	423,7750
303	413,7875	423,7875
304	413,8000	423,8000
305	413,8125	423,8125
306	413,8250	423,8250
307	413,8375	423,8375
308	413,8500	423,8500
309	413,8625	423,8625
310	413,8750	423,8750
311	413,8875	423,8875
312	413,9000	423,9000
313	413,9125	423,9125
314	413,9250	423,9250
315	413,9375	423,9375
316	413,9500	423,9500
317	413,9625	423,9625
318	413,9750	423,9750
319	413,9875	423,9875
320	414,0000	424,0000

Channel arrangement in the frequency bands 410 - 420 and 420 - 430 MHz

ch. no.	Frequency	
	lower	upper
321	414,0125	424,0125
322	414,0250	424,0250
323	414,0375	424,0375
324	414,0500	424,0500
325	414,0625	424,0625
326	414,0750	424,0750
327	414,0875	424,0875
328	414,1000	424,1000
329	414,1125	424,1125
330	414,1250	424,1250
331	414,1375	424,1375
332	414,1500	424,1500
333	414,1625	424,1625
334	414,1750	424,1750
335	414,1875	424,1875
336	414,2000	424,2000
337	414,2125	424,2125
338	414,2250	424,2250
339	414,2375	424,2375
340	414,2500	424,2500
341	414,2625	424,2625
342	414,2750	424,2750
343	414,2875	424,2875
344	414,3000	424,3000
345	414,3125	424,3125
346	414,3250	424,3250
347	414,3375	424,3375
348	414,3500	424,3500
349	414,3625	424,3625
350	414,3750	424,3750
351	414,3875	424,3875
352	414,4000	424,4000
353	414,4125	424,4125
354	414,4250	424,4250
355	414,4375	424,4375
356	414,4500	424,4500
357	414,4625	424,4625
358	414,4750	424,4750
359	414,4875	424,4875
360	414,5000	424,5000

ch. no.	Frequency	
	lower	upper
361	414,5125	424,5125
362	414,5250	424,5250
363	414,5375	424,5375
364	414,5500	424,5500
365	414,5625	424,5625
366	414,5750	424,5750
367	414,5875	424,5875
368	414,6000	424,6000
369	414,6125	424,6125
370	414,6250	424,6250
371	414,6375	424,6375
372	414,6500	424,6500
373	414,6625	424,6625
374	414,6750	424,6750
375	414,6875	424,6875
376	414,7000	424,7000
377	414,7125	424,7125
378	414,7250	424,7250
379	414,7375	424,7375
380	414,7500	424,7500
381	414,7625	424,7625
382	414,7750	424,7750
383	414,7875	424,7875
384	414,8000	424,8000
385	414,8125	424,8125
386	414,8250	424,8250
387	414,8375	424,8375
388	414,8500	424,8500
389	414,8625	424,8625
390	414,8750	424,8750
391	414,8875	424,8875
392	414,9000	424,9000
393	414,9125	424,9125
394	414,9250	424,9250
395	414,9375	424,9375
396	414,9500	424,9500
397	414,9625	424,9625
398	414,9750	424,9750
399	414,9875	424,9875
400	415,0000	425,0000

ch. no.	Frequency	
	lower	upper
401	415,0125	425,0125
402	415,0250	425,0250
403	415,0375	425,0375
404	415,0500	425,0500
405	415,0625	425,0625
406	415,0750	425,0750
407	415,0875	425,0875
408	415,1000	425,1000
409	415,1125	425,1125
410	415,1250	425,1250
411	415,1375	425,1375
412	415,1500	425,1500
413	415,1625	425,1625
414	415,1750	425,1750
415	415,1875	425,1875
416	415,2000	425,2000
417	415,2125	425,2125
418	415,2250	425,2250
419	415,2375	425,2375
420	415,2500	425,2500
421	415,2625	425,2625
422	415,2750	425,2750
423	415,2875	425,2875
424	415,3000	425,3000
425	415,3125	425,3125
426	415,3250	425,3250
427	415,3375	425,3375
428	415,3500	425,3500
429	415,3625	425,3625
430	415,3750	425,3750
431	415,3875	425,3875
432	415,4000	425,4000
433	415,4125	425,4125
434	415,4250	425,4250
435	415,4375	425,4375
436	415,4500	425,4500
437	415,4625	425,4625
438	415,4750	425,4750
439	415,4875	425,4875
440	415,5000	425,5000

ch. no.	Frequency	
	lower	upper
441	415,5125	425,5125
442	415,5250	425,5250
443	415,5375	425,5375
444	415,5500	425,5500
445	415,5625	425,5625
446	415,5750	425,5750
447	415,5875	425,5875
448	415,6000	425,6000
449	415,6125	425,6125
450	415,6250	425,6250
451	415,6375	425,6375
452	415,6500	425,6500
453	415,6625	425,6625
454	415,6750	425,6750
455	415,6875	425,6875
456	415,7000	425,7000
457	415,7125	425,7125
458	415,7250	425,7250
459	415,7375	425,7375
460	415,7500	425,7500
461	415,7625	425,7625
462	415,7750	425,7750
463	415,7875	425,7875
464	415,8000	425,8000
465	415,8125	425,8125
466	415,8250	425,8250
467	415,8375	425,8375
468	415,8500	425,8500
469	415,8625	425,8625
470	415,8750	425,8750
471	415,8875	425,8875
472	415,9000	425,9000
473	415,9125	425,9125
474	415,9250	425,9250
475	415,9375	425,9375
476	415,9500	425,9500
477	415,9625	425,9625
478	415,9750	425,9750
479	415,9875	425,9875
480	416,0000	426,0000

Channel arrangement in the frequency bands 410 - 420 and 420 - 430 MHz

ch. no.	Frequency	
	lower	upper
481	416,0125	426,0125
482	416,0250	426,0250
483	416,0375	426,0375
484	416,0500	426,0500
485	416,0625	426,0625
486	416,0750	426,0750
487	416,0875	426,0875
488	416,1000	426,1000
489	416,1125	426,1125
490	416,1250	426,1250
491	416,1375	426,1375
492	416,1500	426,1500
493	416,1625	426,1625
494	416,1750	426,1750
495	416,1875	426,1875
496	416,2000	426,2000
497	416,2125	426,2125
498	416,2250	426,2250
499	416,2375	426,2375
500	416,2500	426,2500
501	416,2625	426,2625
502	416,2750	426,2750
503	416,2875	426,2875
504	416,3000	426,3000
505	416,3125	426,3125
506	416,3250	426,3250
507	416,3375	426,3375
508	416,3500	426,3500
509	416,3625	426,3625
510	416,3750	426,3750
511	416,3875	426,3875
512	416,4000	426,4000
513	416,4125	426,4125
514	416,4250	426,4250
515	416,4375	426,4375
516	416,4500	426,4500
517	416,4625	426,4625
518	416,4750	426,4750
519	416,4875	426,4875
520	416,5000	426,5000

ch. no.	Frequency	
	lower	upper
521	416,5125	426,5125
522	416,5250	426,5250
523	416,5375	426,5375
524	416,5500	426,5500
525	416,5625	426,5625
526	416,5750	426,5750
527	416,5875	426,5875
528	416,6000	426,6000
529	416,6125	426,6125
530	416,6250	426,6250
531	416,6375	426,6375
532	416,6500	426,6500
533	416,6625	426,6625
534	416,6750	426,6750
535	416,6875	426,6875
536	416,7000	426,7000
537	416,7125	426,7125
538	416,7250	426,7250
539	416,7375	426,7375
540	416,7500	426,7500
541	416,7625	426,7625
542	416,7750	426,7750
543	416,7875	426,7875
544	416,8000	426,8000
545	416,8125	426,8125
546	416,8250	426,8250
547	416,8375	426,8375
548	416,8500	426,8500
549	416,8625	426,8625
550	416,8750	426,8750
551	416,8875	426,8875
552	416,9000	426,9000
553	416,9125	426,9125
554	416,9250	426,9250
555	416,9375	426,9375
556	416,9500	426,9500
557	416,9625	426,9625
558	416,9750	426,9750
559	416,9875	426,9875
560	417,0000	427,0000

ch. no.	Frequency	
	lower	upper
561	417,0125	427,0125
562	417,0250	427,0250
563	417,0375	427,0375
564	417,0500	427,0500
565	417,0625	427,0625
566	417,0750	427,0750
567	417,0875	427,0875
568	417,1000	427,1000
569	417,1125	427,1125
570	417,1250	427,1250
571	417,1375	427,1375
572	417,1500	427,1500
573	417,1625	427,1625
574	417,1750	427,1750
575	417,1875	427,1875
576	417,2000	427,2000
577	417,2125	427,2125
578	417,2250	427,2250
579	417,2375	427,2375
580	417,2500	427,2500
581	417,2625	427,2625
582	417,2750	427,2750
583	417,2875	427,2875
584	417,3000	427,3000
585	417,3125	427,3125
586	417,3250	427,3250
587	417,3375	427,3375
588	417,3500	427,3500
589	417,3625	427,3625
590	417,3750	427,3750
591	417,3875	427,3875
592	417,4000	427,4000
593	417,4125	427,4125
594	417,4250	427,4250
595	417,4375	427,4375
596	417,4500	427,4500
597	417,4625	427,4625
598	417,4750	427,4750
599	417,4875	427,4875
600	417,5000	427,5000

ch. no.	Frequency	
	lower	upper
601	417,5125	427,5125
602	417,5250	427,5250
603	417,5375	427,5375
604	417,5500	427,5500
605	417,5625	427,5625
606	417,5750	427,5750
607	417,5875	427,5875
608	417,6000	427,6000
609	417,6125	427,6125
610	417,6250	427,6250
611	417,6375	427,6375
612	417,6500	427,6500
613	417,6625	427,6625
614	417,6750	427,6750
615	417,6875	427,6875
616	417,7000	427,7000
617	417,7125	427,7125
618	417,7250	427,7250
619	417,7375	427,7375
620	417,7500	427,7500
621	417,7625	427,7625
622	417,7750	427,7750
623	417,7875	427,7875
624	417,8000	427,8000
625	417,8125	427,8125
626	417,8250	427,8250
627	417,8375	427,8375
628	417,8500	427,8500
629	417,8625	427,8625
630	417,8750	427,8750
631	417,8875	427,8875
632	417,9000	427,9000
633	417,9125	427,9125
634	417,9250	427,9250
635	417,9375	427,9375
636	417,9500	427,9500
637	417,9625	427,9625
638	417,9750	427,9750
639	417,9875	427,9875
640	418,0000	428,0000

Channel arrangement in the frequency bands 410 - 420 and 420 - 430 MHz

ch. no.	Frequency	
	lower	upper
644	418,0500	428,0500
645	418,0625	428,0625
646	418,0750	428,0750
644	418,0500	428,0500
645	418,0625	428,0625
646	418,0750	428,0750
647	418,0875	428,0875
648	418,1000	428,1000
649	418,1125	428,1125
650	418,1250	428,1250
651	418,1375	428,1375
652	418,1500	428,1500
653	418,1625	428,1625
654	418,1750	428,1750
655	418,1875	428,1875
656	418,2000	428,2000
657	418,2125	428,2125
658	418,2250	428,2250
659	418,2375	428,2375
660	418,2500	428,2500
661	418,2625	428,2625
662	418,2750	428,2750
663	418,2875	428,2875
664	418,3000	428,3000
665	418,3125	428,3125
666	418,3250	428,3250
667	418,3375	428,3375
668	418,3500	428,3500
669	418,3625	428,3625
670	418,3750	428,3750
671	418,3875	428,3875
672	418,4000	428,4000
673	418,4125	428,4125
674	418,4250	428,4250
675	418,4375	428,4375
676	418,4500	428,4500
677	418,4625	428,4625
678	418,4750	428,4750
679	418,4875	428,4875
680	418,5000	428,5000

ch. no.	Frequency	
	lower	upper
681	418,5125	428,5125
682	418,5250	428,5250
683	418,5375	428,5375
684	418,5500	428,5500
685	418,5625	428,5625
686	418,5750	428,5750
687	418,5875	428,5875
688	418,6000	428,6000
689	418,6125	428,6125
690	418,6250	428,6250
691	418,6375	428,6375
692	418,6500	428,6500
693	418,6625	428,6625
694	418,6750	428,6750
695	418,6875	428,6875
696	418,7000	428,7000
697	418,7125	428,7125
698	418,7250	428,7250
699	418,7375	428,7375
700	418,7500	428,7500
701	418,7625	428,7625
702	418,7750	428,7750
703	418,7875	428,7875
704	418,8000	428,8000
705	418,8125	428,8125
706	418,8250	428,8250
707	418,8375	428,8375
708	418,8500	428,8500
709	418,8625	428,8625
710	418,8750	428,8750
711	418,8875	428,8875
712	418,9000	428,9000
713	418,9125	428,9125
714	418,9250	428,9250
715	418,9375	428,9375
716	418,9500	428,9500
717	418,9625	428,9625
718	418,9750	428,9750
719	418,9875	428,9875
720	419,0000	429,0000

ch. no.	Frequency	
	lower	upper
721	419,0125	429,0125
722	419,0250	429,0250
723	419,0375	429,0375
724	419,0500	429,0500
725	419,0625	429,0625
726	419,0750	429,0750
727	419,0875	429,0875
728	419,1000	429,1000
729	419,1125	429,1125
730	419,1250	429,1250
731	419,1375	429,1375
732	419,1500	429,1500
733	419,1625	429,1625
734	419,1750	429,1750
735	419,1875	429,1875
736	419,2000	429,2000
737	419,2125	429,2125
738	419,2250	429,2250
739	419,2375	429,2375
740	419,2500	429,2500
741	419,2625	429,2625
742	419,2750	429,2750
743	419,2875	429,2875
744	419,3000	429,3000
745	419,3125	429,3125
746	419,3250	429,3250
747	419,3375	429,3375
748	419,3500	429,3500
749	419,3625	429,3625
750	419,3750	429,3750
751	419,3875	429,3875
752	419,4000	429,4000
753	419,4125	429,4125
754	419,4250	429,4250
755	419,4375	429,4375
756	419,4500	429,4500
757	419,4625	429,4625
758	419,4750	429,4750
759	419,4875	429,4875
760	419,5000	429,5000

ch. no.	Frequency	
	lower	upper
761	419,5125	429,5125
762	419,5250	429,5250
763	419,5375	429,5375
764	419,5500	429,5500
765	419,5625	429,5625
766	419,5750	429,5750
767	419,5875	429,5875
768	419,6000	429,6000
769	419,6125	429,6125
770	419,6250	429,6250
771	419,6375	429,6375
772	419,6500	429,6500
773	419,6625	429,6625
774	419,6750	429,6750
775	419,6875	429,6875
776	419,7000	429,7000
777	419,7125	429,7125
778	419,7250	429,7250
779	419,7375	429,7375
780	419,7500	429,7500
781	419,7625	429,7625
782	419,7750	429,7750
783	419,7875	429,7875
784	419,8000	429,8000
785	419,8125	429,8125
786	419,8250	429,8250
787	419,8375	429,8375
788	419,8500	429,8500
789	419,8625	429,8625
790	419,8750	429,8750
791	419,8875	429,8875
792	419,9000	429,9000
793	419,9125	429,9125
794	419,9250	429,9250
795	419,9375	429,9375
796	419,9500	429,9500
797	419,9625	429,9625
798	419,9750	429,9750
799	419,9875	429,9875
800	420,0000	430,0000

**Division of the frequency bands 410,00 – 420,00/420,00 – 430,00 MHz
into preferential subbands in the border area (CZE/POL/SVK)**

CZE	POL	SVK
	1 – 50 (50)	
51 – 202 (152)		
	203 – 266 (64)	
		267 – 486 (220)
	487 – 506 (20)	
507 – 620 (114)		
		621 – 666 (46)
	667 – 799 (133)	
Σ 266	Σ 267	Σ 266
800 – common channel		

**Division of the frequency bands 410,00 – 420,00/420,00 – 430,00 MHz
into preferential subbands in the border area (POL/SVK)**

POL	SVK
1 – 104 (104)	
	105 – 188 (84)
189 – 236 (48)	
	237 – 357 (121)
358 – 516 (159)	
	517 – 582 (66)
583 – 663 (81)	
	664 – 784 (121)
Σ 392	Σ 392
785 – 800 – common channels	