

# **AGREEMENT**

between the administrations of  
Austria, the Czech Republic, Hungary  
and the Slovak Republic

on the frequency coordination in  
the frequency bands  
880 – 890/925 - 935 MHz  
(E-GSM)

**12<sup>th</sup> December 2001, Bratislava**

## **1. Introduction**

In the framework of the "Vienna Agreement (Berlin 2001)" the Administrations of Austria, the Czech Republic, Hungary and the Slovak Republic concluded this Agreement for the purpose of the frequency coordination for GSM systems in the frequency bands 880 - 890/925 - 935 MHz as a supplementary agreement to the Agreement Vienna, 30<sup>th</sup> Sept. 1994. The relevant provisions of the "Vienna Agreement (Berlin 2001)" and CEPT Rec. T/R 20-08 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 GSM systems in the frequency bands 880 - 890/925 - 935 MHz. The channel arrangement used in this agreement is in conformity with I-ETS 300 609-1 and shown in Annex 1.
- 2.2 Operators shall have the possibility to cooperate in order to minimise interference and to achieve the most efficient use of the available spectrum. Therefore the provisions laid down in the "Agreement between administrations concerned regarding the approval of arrangements between operators" shall be applied.

## **3. Technical provisions**

- 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 fieldstrength of each carrier produced by the base station does not exceed a value of 19 dB $\mu$ V/m at a height of 3 m above ground at a distance of 15 km inside the neighbouring country.
- 3.3 Non preferential frequencies may be used without coordination with a neighbouring country if the fieldstrength of each carrier produced by the base station does not exceed a value of 19 dB $\mu$ V/m at a height of 3 m above ground at the border line.

## **4. Exchange of information**

Notifications of base stations will be exchanged on explicit request of an administration only.

## **5. 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.

## 6. 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.

## 7. 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 notified 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.

## 8. 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)“.

## 9. Date of entry into force of the Agreement

This Agreement enters into force for the Administrations of Austria, Hungary and Slovakia at the date of its signature.

For the Czech Administration this Agreement will enter into force after its announcement. In the meantime the Administrations of Austria and Slovakia can use all frequencies in the bands 880 - 890/925 - 935 MHz on the basis of non-preferential frequencies (see Item 3.3).

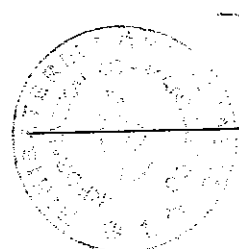
For the Austrian Administration

  
(J. Franzl)

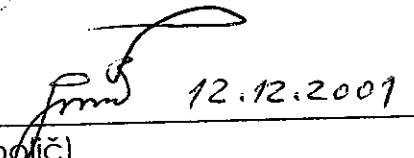
For the Czech Administration

  
(M. Rosa)

For the Hungarian Administration

  
16.01.2002.  
(Sik Zoltán)

For the Slovak Administration

  
(P. Sobol'ic)

## Annex 1

**TABLE OF FREQUENCY - CHANNEL NUMBER**  
**880 - 890/925 - 935 MHz**

Ch. NO	Frequency	
975	880,2	925,2
976	880,4	925,4
977	880,6	925,6
978	880,8	925,8
979	881	926
980	881,2	926,2
981	881,4	926,4
982	881,6	926,6
983	881,8	926,8
984	882	927
985	882,2	927,2
986	882,4	927,4
987	882,6	927,6
988	882,8	927,8
989	883	928
990	883,2	928,2
991	883,4	928,4
992	883,6	928,6
993	883,8	928,8
994	884	929
995	884,2	929,2
996	884,4	929,4
997	884,6	929,6
998	884,8	929,8
999	885	930
1000	885,2	930,2
1001	885,4	930,4
1002	885,6	930,6
1003	885,8	930,8
1004	886	931
1005	886,2	931,2
1006	886,4	931,4
1007	886,6	931,6
1008	886,8	931,8
1009	887	932
1010	887,2	932,2
1011	887,4	932,4
1012	887,6	932,6
1013	887,8	932,8
1014	888	933
1015	888,2	933,2
1016	888,4	933,4
1017	888,6	933,6
1018	888,8	933,8
1019	889	934
1020	889,2	934,2
1021	889,4	934,4
1022	889,6	934,6
1023	889,8	934,8

$$F_l(n) = 890 + 0,2(n - 1024) \text{ MHz}$$

$$F_u(n) = F_l(n) + 45 \text{ MHz}$$

for  $975 < n < 1023$

Annex 2

Preferential frequency partitioning in the E-GSM bands

AUT/CZE/SVK		982 983		990 991		999 1000		1007 1008		1015 1016		1023	
AUT	8	CZE	8	SVK	9	AUT	8	CZE	8	SVK	8	AUT	8

AUT/SVK		986 987		999 1000		1012 1013		1015 1016		1023	
AUT	12	SVK	13	AUT	13	SVK	11	AUT	11	SVK	11

AUT/SVK/HNG		982 983		990 991		999 1000		1007 1008		1015 1016		1023	
AUT	8	HNG	8	SVK	9	AUT	8	HNG	8	SVK	8	AUT	8

SVK/HNG		990 991		1007 1008		1015 1016		1023			
HNG	16	SVK	17	HNG	8	SVK	8	HNG	8	SVK	8

SVK/CZE		982 983		999 1000		1015 1016		1023			
CZE	8	SVK	17	CZE	16	SVK	8	CZE	8	SVK	8

AUT/HNG		982 983		994 995		1007 1008		1019 1020		1023	
AUT	8	HNG	12	AUT	13	HNG	12	AUT	4	AUT	4

AUT/CZE		982 983		994 995		1007 1008		1019 1020		1023	
AUT	8	CZE	12	AUT	13	CZE	12	AUT	4	AUT	4