FINAL ACTS

of the CEPT T-DAB Planning Meeting

Constanța, 2007

(WI95revCO07)

Annex I
Annex II

Final 4 July 2007

FINAL ACTS

of the

CEPT T-DAB Planning Meeting

Constanța, 2007

for the revision of the Special Arrangement of the European Conference of Postal and Telecommunications Administrations (CEPT) relating to the use of the bands 47 – 68 MHz, 87.5 – 108 MHz, 174 – 230 MHz, 230 – 240 MHz and 1452 – 1492 MHz for the introduction of Terrestrial Digital Audio Broadcasting (T-DAB), Wiesbaden, 1995, as revised by the CEPT T-DAB planning meeting (2), Bonn, 1996, as further revised by the CEPT T-DAB planning meeting (3), Maastricht, 2002.

PREAMBLE

The Delegates of the following CEPT Administrations of Member States of the International Telecommunication Union (ITU):

Republic of Austria, Kingdom of Belgium, Republic of Bulgaria, Republic of Croatia, Republic of Cyprus, Czech Republic, Kingdom of Denmark, Republic of Estonia, Republic of Finland, French Republic, Federal Republic of Germany, Hellenic Republic, Republic of Hungary, Ireland, Italian Republic, Republic of Latvia, Principality of Liechtenstein, Republic of Lithuania, Grand Duchy of Luxembourg, Republic of Malta, Republic of Moldova, Kingdom of the Netherlands, Kingdom of Norway, Republic of Poland, Portuguese Republic, Romania, Republic of Serbia, Slovak Republic, Republic of Slovenia, Kingdom of Spain, Kingdom of Sweden, Swiss Confederation, Republic of Turkey, Ukraine, United Kingdom of Great Britain and Northern Ireland, Vatican City State,

participating in the T-DAB Planning Meeting, Constanța 2007, convened by the Electronic Communications Committee of the CEPT under the terms of Article 6 of the ITU Radio Regulations and in accordance with Article 11 of the Special Arrangement concluded at the T-DAB Planning Meeting, Wiesbaden, 1995, as revised by the CEPT T-DAB planning meeting (2), Bonn, 1996, as further revised by the CEPT T-DAB planning meeting (3), Maastricht, 2002,

noting the provisions of the *Regional Agreement (Geneva, 2006),* adopted by the RRC-06 and the associated frequency Plan for digital terrestrial broadcasting service, including T-DAB in the frequency band 174-230 MHz,

have, in signing these Final Acts at this meeting or in application of the provisions of Article3.2, agreed as follows:

Article 1

The text of the Special Arrangement concluded at the T-DAB Planning Meeting, Wiesbaden, 1995, as revised by the CEPT T-DAB planning meeting (2), Bonn, 1996, as further revised by the CEPT T-DAB planning meeting (3), Maastricht, 2002, shall be replaced by the text annexed to these Final Acts (Annex I), referred to as the Wiesbaden,1995, Special Arrangement, as revised in Constanța, 2007 (WI95revCO07).

Article 2

The T-DAB assignments in the frequency band 174-230 MHz recorded by 02 July 2007 in the Assignment List in accordance with Article 6 of the Wiesbaden, 1995 Special Arrangement, as revised in Maastricht 2002, as provided in Annex II, shall be protected, taking into account the relevant bilateral agreements reached at the RRC-06, until the date to be agreed by the administrations concerned but not later than 01 January 2012.

Article 3

3.1. The Special Arrangement as given in the Annex I shall enter into force on 1 September 2007 at 0001 hours UTC and shall be binding only between contracting administrations of the Special Arrangement, Wiesbaden, 1995, as revised, Maastricht, 2002, that have signed these Final Acts or have acceded to this Special Arrangement, after its entry into force, in accordance with its Article 7.

3.2. Any Contracting Administration of the Special Arrangement Wiesbaden, 1995, as revised, Maastricht, 2002, that has been unable to sign the Final Acts during the present Planning Meeting or has only signed subject to confirmation, may sign or confirm its signature by correspondence not later than 31 August 2007 at 2400 hours UTC. The signature shall be made without reservations, except that it may be subject to ratification. The Chairman of the ECC will notify all contracting administrations not having attended the present Planning Meeting of this possibility. Any contracting administration wishing to make use of this procedure shall accordingly notify the Chairman of the ECC who will immediately take the necessary measures for signature by correspondence.

3.3. Contracting administrations of the Special Arrangement Wiesbaden, 1995, as revised Maastricht, 2002, not having signed these Final Acts by 31 August 2007 at 2400 hours UTC, may accede to the Special Arrangement Wiesbaden, 1995, as revised Bonn, 1996, and Maastricht, 2002, and Constanța, 2007 in accordance with the provisions of its Article 7.

Article 4

In accordance with No. 6.5 of the Radio Regulations, the Chairman of the ECC, through his administration, shall notify the Secretary-General of the ITU of the conclusion and content of the revision of the Special Arrangement including the names of the administrations that have signed these Final Acts containing the annexed Arrangement or that have acceded to the Wiesbaden 1995 Special Arrangement revised in Constanța 2007.

IN WITNESS WHEREOF the undersigned representatives of CEPT Administrations, having been duly authorised thereto, have signed the originals in each of the English, French and German languages of these Final Acts, which shall be deposited in the archives of the Federal Ministry of Economics and Technology of the Federal Republic of Germany, which shall forward a copy to each contracting administration.

Done at Constanța, 04 July 2007

For the Administration of the Republic of Austria : (Walter Marxt)

For the Administration of the Kingdom of Belgium : (Freddy Baert)

(Patrick Van der Gracht)

(Pierre Cornelis)

This signature also engages the Flemish Community, French Community and German-speaking Community

For the Administration of the Republic of Bulgaria : (Bozhidar Liubomirov Kozhuharov)

For the Administration of the Republic of Croatia : (Miljenko Krvisek)

For the Administration of the Republic of Cyprus : (Stelios Himonas)

For the Administration of the Czech Republic : (Jiri Duchac)

For the Administration of the Kingdom of Denmark : (Per Christensen)

For the Administration of the Republic of Estonia : (Priit Soom)

For the Administration of the Republic of Finland : (Jan Engelberg)

For the Administration of the
French Republic : (Jean-Yves Montfort)

Michel BOYON

For the Administration of the
Federal Republic of Germany : (Reiner Liebler)

For the Administration of the
Hellenic Republic : (Stavros Kalafatidis)

For the Administration of the
Republic of Hungary : (Robert Gulyas)

Subject to certification

For the Administration of Ireland :

(Jim Connolly)

(Rory Hinchy)

(Peter Moran)

For the Administration of the Italian Republic :

(Francesco Agello)

For the Administration of the Republic of Latvia :

(Vjačeslavs Vogoļenoks)

(Ināŗs Jēkabsons)

For the Administration of the Principality of Liechtenstein : (Farshad Hosseini)

For the Administration of the Republic of Lithuania : (Mindaugas Žilinskas)

Grand Duchy of Luxembourg :

For the Minister of Communications
(Roland Thurmes)

For the Administration of the Republic of Malta : (Adrian Galea)

For the Administration of the Republic of Moldova : (Andrei Nemtanu)

For the Administration of the Kingdom of the Netherlands : (Lilian Jeanty)

For the Administration of the Kingdom of Norway : (Geir Jan Sundal)

For the Administration of the Republic of Poland : (Jacek Łosik)

For the Administration of the Portuguese Republic : (Luisa Mendes)

For the Administration of Romania : (Adrian Ionescu)

For the Administration of the Republic of Serbia : (Dr. Aleksandra Smiljanić)

For the Administration of the Slovak Republic : (Milan Mizera)

For the Administration of the Republic of Slovenia: (Igor Funa)

For the Administration of the Kingdom of Spain : (Celestino Menéndez)

For the Administration of Sweden : (Anders Frederich)

For the Administration of the Swiss Confederation : (Philippe Horisberger)

For the Administration of the Republic of Turkey : (Galip Zerey)

For the Administration of the United Kingdom of Great Britain and Northern Ireland : (Stephen Bond)

For the Administration of Ukraine : (Andriy Zaslavets)

For the Administration of the Vatican City State : (Constantino Pacifici)

CEPT ECC
Electronic Communications Committee

To
The CEPT Administrations

Date
6-09-2007
Enclosures
–
Our reference
CvD/ECC
Your reference
–
Subject
Accession of the Former Yugoslav Republic of Macedonia to WI95revCO07 and MA02revCO07

Dear CEPT colleagues

I wish to inform you that the Administration of the Former Yugoslav Republic of Macedonia has acceded to the Wiesbaden, 1995, Special Arrangement, as revised in Constanța 2007.

On 31-08-2007 I received a letter from H.E. Mr Mile Janakieski, Minister of transport and communications of this Republic, informing me that his Administration has decided to seek accession to the above mentioned Special Arrangements without reservation and will seek it on the basis of the plan as it stands of the date of accession...

This deposit of an instrument of accession is in accordance with Article 7 of the Wiesbaden, 1995, Special Arrangement, as revised in Constanța 2007, as well as the Article 7 of the Maastricht, 2002, Special Arrangement, as revised in Constanța 2007. Therefore the Former Yugoslav Republic of Macedonia is from 31-08-2007 a Contracting Administration to both Special Arrangements.

Yours sincerely,

Chris van Diepenbeek
Chairman CEPT Electronic Communications Committee

Chris van Diepenbeek
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ANNEX I

The Wiesbaden, 1995,

Special Arrangement, as revised in

Constanța 2007

(WI95revCO07)

THE CEPT T-DAB PLANNING MEETINGS,

WIESBADEN, 1995, BONN, 1996, MAASTRICHT, 2002 and CONSTANȚA 2007

Special Arrangement
of the European Conference of Postal and Telecommunications Administrations (CEPT)
relating to the use of the bands 47 - 68 MHz, 87.5 - 108 MHz and
230 - 240 MHz for Terrestrial Digital Audio Broadcasting (T-DAB)

PREAMBLE

The Delegates of the following CEPT Administrations of Member States of the International Telecommunication Union (ITU):

Republic of Austria, Kingdom of Belgium, Republic of Bulgaria, Republic of Croatia, Republic of Cyprus, Czech Republic, Kingdom of Denmark, Republic of Estonia, Republic of Finland, French Republic, Federal Republic of Germany, Hellenic Republic, Republic of Hungary, Ireland, Italian Republic, Republic of Latvia, Principality of Liechtenstein, Republic of Lithuania, Grand Duchy of Luxembourg, Republic of Malta, Republic of Moldova, Kingdom of the Netherlands, Kingdom of Norway, Republic of Poland, Portuguese Republic, Romania, Republic of Serbia, Slovak Republic, Republic of Slovenia, Kingdom of Spain, Kingdom of Sweden, Swiss Confederation, Republic of Turkey, Ukraine, United Kingdom of Great Britain and Northern Ireland, Vatican City State,

have adopted the following provisions concerning the broadcasting service (T-DAB) in the bands 47 - 68 MHz, 87.5 - 108 MHz and 230 - 240 MHz in the Planning Area as defined in Article 1 of this Special Arrangement, and the Allotment Plan for the introduction of T-DAB.

ARTICLE 1

Definitions

For the purposes of this Special Arrangement, the following terms shall have the meanings defined below:

1.1 ***ITU:*** The International Telecommunication Union.

1.2 ***Radiocommunication Bureau:*** The ITU Radiocommunication Bureau.

1.3 ***Radio Regulations:*** The Radio Regulations (edition of 2004).

1.4 ***CEPT:*** The European Conference of Postal and Telecommunications Administrations.

1.5 ***ECC:*** The Electronic Communications Committee of the CEPT. (Until 2001 the predecessor was the European Radiocommunications Committee)

1.6 ***ERO:*** The European Radiocommunications Office.

1.7 ***Special Arrangement:*** This Special Arrangement and its Annexes.

1.8 ***Contracting Administration:*** Any administration of a Member State of the ITU, which has approved or acceded to this Special Arrangement.

1.9 ***Administration:*** Unless otherwise indicated, the term *administration* designates an administration as defined in the ITU Constitution.

1.10 ***Plan:*** The Plan forming Annex 1 to this Special Arrangement plus all later modifications agreed since the entering into force of the Constanța, 2007, Special Arrangement.

1.11 ***Planning Area:*** The territories of the Contracting Administrations.

1.12 ***Allotment:*** Entry in the Plan, or in Annex 5 which is not part of the Plan, of a frequency block designated for use by an administration for T-DAB in an Allotment Area under the conditions specified in the relevant annexes. Each allotment may be used for one or more assignments using the technical criteria specified in Annex 4.

1.13 ***Allotment Area:*** The coverage area of an allotment, the boundaries of which are defined by geographical co-ordinates associated with this allotment.

1.14 ***Assignment:*** Any assignment for which the procedure of Article 6 has been successfully applied.

1.15 ***T-DAB Assignment List:*** The list of T-DAB assignments co-ordinated and notified in accordance with this Special Arrangement.

1.16 ***Plan Management Body:*** The ERO, tasked by the ECC to manage the procedures of this Special Arrangement.

1.17 ***The Stockholm Agreement (1961), as revised in Geneva 2006:*** The "Regional Agreement for the European Broadcasting Area Concerning the Use of Frequencies by the Broadcasting Service in the VHF Bands" adopted by the European VHF/UHF Broadcasting Conference (Stockholm, 1961) and revised by the Regional Radiocommunications Conference RRC-06-Rev.ST61 (Geneva, 2006).

1.18 ***The Geneva Agreement (1984):*** The "Regional Agreement Relating to the Use of the Band 87.5-108 MHz for FM Sound Broadcasting (Region 1 and Part of Region 3)" adopted by the Regional Administrative Conference for the Planning of VHF Sound Broadcasting (Region 1 and Part of Region 3) (Geneva, 1984).

ARTICLE 2

Execution of the Special Arrangement

2.1 The Contracting Administrations shall apply, for their T-DAB stations in the bands 47-68 MHz, 87.5-108 MHz and 230-240 MHz, the technical bases specified in Annex 2 to this Special Arrangement.

2.2 The Contracting Administrations shall not modify their allotments, except under the conditions provided for in Article 4 of this Special Arrangement.

2.3 The Contracting Administrations may bring into use assignments in the bands 47-68 MHz and 230-240 MHz in accordance with their allotments in the Plan and only under the conditions set out in Article 6 of this Special Arrangement.

2.4 The Contracting Administrations may, in common agreement with other administrations whose services may be affected, apply the relevant procedures of this Special Arrangement to obtain T-DAB allotments and bring into use T-DAB assignments in the band 87.5-108 MHz. However, such allotments do not form part of the Plan and shall be recorded in Annex 5. Corresponding assignments shall be recorded in the T-DAB Assignment List as not being part of the Plan.

2.5 The Contracting Administrations undertake to study and in common agreement to put into practice the measures necessary to eliminate any problems that might result from the application of this Special Arrangement.

ARTICLE 3

Annexes to the Special Arrangement

The Special Arrangement contains the following Annexes:

3.1 ***Annex 1:*** The T-DAB Frequency Block Allotment Plan

The Frequency Allotment Plan for T-DAB stations of Contracting Administrations in the bands 47 - 68 MHz and 230 - 240 MHz containing frequency allotments and associated characteristics of T-DAB stations co-ordinated either during the CEPT T-DAB Planning Meeting or by the application of provisions contained in the Special Arrangement.

3.2 ***Other Annexes***

Annex 2: Technical Bases for T-DAB Planning

Annex 3: Basic characteristics of a T-DAB allotment and a T-DAB assignment to be communicated in application of the procedures of Article 4 and Article 6.

Annex 4: Technical procedures for co-ordination

Annex 5: T-DAB frequency block allotments in the band 87.5 - 108 MHz agreed between the administrations concerned, but not forming part of the Plan

ARTICLE 4

Procedure concerning modifications to the Plan

4.1 The Allotment Plan for T-DAB established by the CEPT T-DAB Planning Meeting, Wiesbaden, 1995, shall be open to modification in accordance with the procedure of this Article. For that purpose the Plan Management Body, on behalf of the ECC, shall maintain the master copy of the Plan containing all modifications made to the Plan.

4.2 If an administration wishes to modify the Plan, it shall apply the procedure below.

4.3 A proposed modification to the Plan may consist of:

4.3.1 a change in the characteristics of an allotment in the Plan;

4.3.2 the inclusion of a new allotment in the Plan;

4.3.3 the suppression of an allotment in the Plan.

4.4 For the purpose of effecting a modification to the Plan, the administration concerned shall:

4.4.1 identify the affected administrations, having regard to the relevant provisions associated with the Plan;

4.4.2 send a request for agreement to the administrations concerned giving the information listed in Annex 3;

4.4.3 copy this request to the Plan Management Body, taking into account the provisions in 4.6.

4.4.4 The actions according to 4.4.1, 4.4.2 and 4.4.3 above shall be taken not earlier than four years, but not later than 20 weeks before the date at which the proposed modification is intended to be converted into an assignment.

4.5 The agreement mentioned in 4.4 is not necessary if the proposed modification is:

4.5.1 the suppression of an allotment in the Plan;

4.5.2 any modification which results in a reduction of the Allotment Area.

4.6 The administration proposing a modification to the Plan shall send the information listed in Annex 3 to the Plan Management Body and shall indicate, as the case may be:

4.6.1 the names of administrations which have been consulted according to 4.4;

4.6.2 that it is not necessary to obtain the agreement of any administration according to 4.5.

4.7 The Plan Management Body, upon receiving a copy of the request under 4.4, shall publish the complete information.

4.8 Following receipt of the publication, an administration, believing that it should have been included in the request for agreement, shall inform the requesting administration within six weeks of the date of publication, giving its reasons for doing so, and shall also inform the Plan Management Body, requesting that its name be included.

4.9 The administration seeking agreement and those administrations with which agreement is sought, may request any additional information they consider necessary.

4.10 Replies to a co-ordination request (4.4) shall be given within a period of twelve weeks of the date of publication or direct request.

4.10.1 If no reply has been received within this period, an urgent reminder shall be sent.

4.10.2 If, two weeks after dispatch of the reminder, no reply has been received, the administration with which co-ordination has been sought shall be considered to have agreed to the proposed change. Justification shall be given for rejecting a request.

4.11 When the Plan Management Body has been notified by the administration seeking co-ordination about the results of a co-ordination and finds that this procedure has been successfully concluded, either by obtaining the agreement of the administrations concerned or by the application of 4.10, it shall update the master copy of the Plan. The new or modified allotment in the Plan shall then have the same status as others appearing in the Plan and shall be considered as being in accordance with the Plan.

4.12 If required, the Plan Management Body shall send a copy of the revised Plan together with an updated Assignment List at six-monthly intervals to all Contracting Administrations and the Chairman of the ECC who shall send a copy to the Secretary-General of the ITU.

4.13 If a modification of an allotment, although made in accordance with the provisions of this Article, results in harmful interference to services of other administrations when it is converted into an assignment, the administration which brought the assignment into use shall, in cooperation with the affected administration, take the necessary action to eliminate such interference in accordance with the relevant provisions of the Radio Regulations.

4.14 Administrations shall communicate information to the Plan Management Body in electronic form. For submission of basic characteristics of T-DAB allotments the record-structure specified in Appendix 1 to Annex 3 shall be used.

ARTICLE 5

Compatibility and sharing with other radiocommunication services

Section 1: T-DAB interfering with other radiocommunication services

5.1 Any administration intending to convert an allotment into one or more assignments in accordance with Article 6 of this Special Arrangement, in the bands 47 - 68 MHz and 230 - 240 MHz, shall obtain the agreement of Contracting Administrations whose other radiocommunication services are likely to be affected. However, such agreement is unnecessary if the T-DAB assignment is within the corresponding allotment and the limits referred to in the following sub-sections are not exceeded.

5.1.1 *Television stations* operating in the band 47 - 68 MHz which are in conformity with the Stockholm Agreement (1961), as revised in Geneva 2006 are likely to be affected by a proposed T-DAB frequency block assignment if the appropriate limits indicated in Annex 2 are exceeded.

5.1.2 *FM broadcasting stations* operating in the band 66 - 68 MHz which are in conformity with the Stockholm Agreement (1961), as revised in Geneva 2006 are likely to be affected by a proposed T-DAB frequency block assignment if the appropriate limits indicated in Annex 2 are exceeded.

5.1.3 *Stations in the mobile service* operating in the band 230 - 240 MHz in conformity with the Radio Regulations on a primary basis are likely to be affected by a proposed T-DAB frequency block assignment if the appropriate limits indicated in Annex 2 are exceeded.

5.1.4 *Stations in the land mobile service* operating in the band 47 - 68 MHz in conformity with the Radio Regulations on a permitted basis are likely to be affected by a proposed T-DAB frequency block assignment if the appropriate limits indicated in Annex 2 are exceeded.

5.1.5 *For the protection of the 243 MHz distress and safety frequency* administrations will take the appropriate measures to ensure that the limits given in Annex 2 are not exceeded by any T-DAB emission and be ready to immediately shut down any transmitter that appears to be exceeding these limits until it is confirmed that this is not the case.

Section 2: Other radiocommunication services interfering with T-DAB

5.2 Any administration intending to bring into service a station of another radiocommunication service in accordance with this Special Arrangement shall obtain the agreement of other Contracting Administrations whose T-DAB allotments are likely to be affected.

5.2.1 T-DAB allotments in the band 47 - 68 MHz which are in conformity with this Special Arrangement are likely to be affected by a proposed assignment to a television station if the appropriate limits indicated in Annex 2 are exceeded.

5.2.2 T-DAB allotments in the band 66 - 68 MHz which are in conformity with this Special Arrangement are likely to be affected by a proposed assignment to an FM broadcasting station if the appropriate limits indicated in Annex 2 are exceeded.

5.2.3 T-DAB allotments in the bands 47 - 68 MHz and 230 - 240 MHz which are in conformity with this Special Arrangement are likely to be affected by a proposed assignment to a station in the mobile service if the appropriate limits indicated in Annex 2 are exceeded.

5.2.4 T-DAB allotments in the band 230 - 240 MHz which are in conformity with this Special Arrangement are likely to be affected by a proposed assignment to a station in the fixed service if the appropriate limits indicated in Annex 2 are exceeded.

Section 3: Sharing between T-DAB and other radiocommunication services in frequency bands not included in the Plan

5.3 Any administration intending to assign frequency blocks to T-DAB stations in accordance with this Special Arrangement shall obtain the agreement of any Contracting Administration whose radiocommunication services are likely to be affected. The limits indicated in Annex 2 may be used by common agreement between the administrations concerned.

5.3.1 *FM broadcasting stations* operating in the band 87.5 - 108 MHz which are in conformity with the Geneva Agreement (1984) are likely to be affected by a proposed T-DAB frequency block assignment if the appropriate limits indicated in Annex 2 are exceeded.

5.3.2 *Stations in the aeronautical radionavigation service* operating in the band 108 - 117.975 MHz in conformity with the Radio Regulations on a primary basis are likely to be affected by a proposed T-DAB frequency block assignment in the band 87.5 – 108 MHz. The appropriate co-ordination procedures shall be applied.

5.3.3 T-DAB allotments in the band 87.5 - 108 MHz which are in conformity with this Special Arrangement are likely to be affected by a proposed assignment to an FM broadcasting station if the appropriate limits indicated in Annex 2 are exceeded.

ARTICLE 6

Conversion of an allotment into one or more assignments and the associated co-ordination and notification procedures

Section 1: Basic principles of the conversion of an allotment into one or more assignments

6.1.1 When an administration intends to convert an allotment which is in accordance with this Special Arrangement into one or more assignments, or to modify a T-DAB assignment, it shall, using the procedures in Annex 4, determine if the assignment exceeds the field strength limits of the corresponding allotment in the Plan. If the limits are not exceeded, co-ordination is not required and the procedure in Section 2 below shall be applied. Otherwise, co-ordination is required and the procedure in Section 3 shall be applied.

6.1.2 When an administration intends to convert an allotment agreed on a bilateral or multilateral basis in the band 87.5 - 108 MHz and listed in Annex 5 into an assignment, it shall use the procedures given in 6.1.1 above. However, following successful completion of these procedures, the assignments shall be recorded in the T-DAB Assignment List as not being part of the Plan.

6.1.3 When an administration intends to suppress an assignment from the Assignment List, the same procedure as for the suppression of an allotment shall be used (see Article 4).

Section 2: Cases where co-ordination is not required

6.2.1 The administration shall send details of the proposed new or modified assignment to the Plan Management Body who shall publish these details.

6.2.2 An administration considering that co-ordination may be required shall, within six weeks of the date of publication, inform the requesting administration giving its reasons for doing so, with a copy to the Plan Management Body.

6.2.3 If there are no requests for co-ordination within six weeks of the date of publication, the Plan Management Body shall, upon request of the administration, include the assignment in the T-DAB Assignment List.

Section 3: Cases where co-ordination is required

6.3.1 The administration shall, using the procedures listed in Annex 4, identify those administrations likely to be affected and send a request for co-ordination to them. The details listed in Annex 3 of the proposed new or modified assignment, together with the names of administrations with which co-ordination has been sought, shall also be sent to the Plan Management Body who shall publish these details.

6.3.2 Following receipt of this publication, an administration considering that it is also affected shall inform the requesting administration and the Plan Management Body within six weeks, giving its reasons for doing so.

6.3.3 Replies to a co-ordination request shall be given within a period of twelve weeks. If no reply has been received within this period, an urgent reminder shall be sent. If, two weeks after dispatch of the reminder, no reply has been received, the administration with which co-ordination has been sought shall be considered to have agreed to the proposed assignment.

6.3.4 The requesting and affected administrations shall, by mutual agreement, decide whether it is necessary to apply the procedure described in Article 4 to obtain a modification to the Plan.

6.3.5 If the administrations concerned decide that application of the Article 4 procedure is not necessary because an agreement on the technical characteristics of the assignment was obtained in the course of consultations, the requesting administration shall inform the Plan Management Body of these technical characteristics. This assignment shall be considered as in accordance with the Plan and the Plan Management Body shall include it in the T-DAB Assignment List.

6.3.6 If the administrations concerned decide that application of the Article 4 procedure is necessary, the requesting administration shall apply the Article 4 procedure and inform the Plan Management Body accordingly.

Section 4: Co-ordination of new assignments and suppression of assignments to stations of other radiocommunication services

6.4.1 An administration may at any time assign frequencies to stations of other radiocommunication services in the bands 47 - 68 MHz and 230 - 240 MHz provided that the relevant limits specified in Annex 2 are not exceeded. If they are exceeded, the agreement of any affected administrations shall be obtained by means of bilateral or multilateral agreements.

6.4.2 When an administration intends to suppress an assignment to a station or, where applicable, a service area of other radiocommunication services in the bands 47 – 68 MHz and 230 – 240 MHz, it shall inform the administrations with which co-ordination of the station or service area had been carried out. The administration shall also inform the Plan Management Body.

Section 5: Notification of T-DAB assignments to the Radiocommunication Bureau

6.5.1 When a Contracting Administration proposes to bring into use a T-DAB assignment in accordance with this Special Arrangement, it shall seek the agreement of non-Contracting Administrations whose services are likely to be affected. The result of co-ordination shall be sent to the Radiocommunication Bureau when notifying the T-DAB assignment in accordance with the provisions of Article 11 of the Radio Regulations. The Contracting Administration shall also indicate that the assignment is in accordance with this Special Arrangement.

6.5.2 Notices of T-DAB assignments in accordance with this Special Arrangement will not be examined by the Radiocommunication Bureau with respect to harmful interference to or from the assignments recorded in the ITU Master Register on behalf of Contracting Administrations.

6.5.3 T-DAB assignments used in accordance with this Special Arrangement and in the frequency bands subject to the provisions of the Stockholm Agreement (1961), as revised in Geneva 2006 will be recorded in the ITU Master Register as not conforming to the Stockholm Agreement (1961), as revised in Geneva 2006.

6.5.4 T-DAB assignments used in the frequency bands subject to the Provisions of the Geneva Agreement (1984) will be recorded in the ITU Master Register as not conforming to the Geneva Agreement (1984). Moreover, assignments in the band 100 - 108 MHz shall include a specific reference to the fact that the station will be operated in accordance with the provisions of No. 4.4 of the Radio Regulations. These assignments will be recorded in the ITU Master Register subject to the provisions of No. 11.42.

6.5.5 Notices of T-DAB assignments in accordance with this Special Arrangement in the band 230 - 240 MHz, for which there is no allocation to broadcasting, shall include a specific reference to the fact that the station will be operated in accordance with the provisions of No. 4.4 of the Radio Regulations in relation to non-Contracting Administrations, except in the case when special arrangements have been concluded. These assignments will be recorded in the ITU Master Register subject to the provisions of No. 11.42.

Section 6: Status of T-DAB assignments in the Assignment List

6.6.1 In relations between Contracting Administrations, T-DAB assignments which are part of the Plan and included in the T-DAB Assignment List have the same status and have the degree of protection defined in the technical annexes to this Special Arrangement, irrespective of the date on which they are brought into service.

6.6.2 In the band 87.5 - 108 MHz, the status and protection of T-DAB assignments, entered into the Assignment List and marked as not part of the Plan, shall be agreed by separate co-ordination between the administrations concerned. However, the provisions of the current Radio Regulations or of other regional agreements shall apply in relations with other administrations.

6.6.3 T-DAB assignments in the band 87.5 - 108 MHz shall not prejudice a future replanning of this band.

Section 7: Exchange of information

6.7 Administrations shall communicate information to the Plan Management Body in electronic form. For submission of basic characteristics of T-DAB assignments the record-structure specified in Appendix 2 to Annex 3 shall be used.

ARTICLE 7

Accession to the Special Arrangement

7.1 Any CEPT Administration which has not signed the Special Arrangement may at any time deposit an instrument of accession with the Chairman of the ECC, who shall immediately inform the other administrations. Accession to the Special Arrangement shall be made without reservations and shall apply to the Plan as it stands at the time of accession.

7.2 Accession to the Special Arrangement shall become effective on the date on which the instrument of accession is received by the Chairman of the ECC.

ARTICLE 8

Scope of application of the Special Arrangement

8.1 The Special Arrangement shall bind Contracting Administrations in their relations with one another but shall not bind those administrations in their relations with non-Contracting Administrations.

8.2 If a Contracting Administration enters reservations with regard to any provision of this Special Arrangement, other Contracting Administrations shall be free to disregard such provisions in their relations with the administration which has made such reservations.

ARTICLE 9

Notification of this Special Arrangement to the ITU

9 In accordance with No. 6.5 of the Radio Regulations the Chairman of the ECC, through his Administration, shall notify the Secretary-General of the ITU of the conclusion and content of this Special Arrangement and shall provide details of:

- any administration which denounces this Special Arrangement;
- the expiry of the Special Arrangement;
- any administration which accedes to this Special Arrangement.

ARTICLE 10

Denunciation of the Special Arrangement

10.1 Any Contracting Administration may denounce this Special Arrangement at any time by a notification sent to the Chairman of the ECC, who shall inform the other Contracting Administrations.

10.2 Denunciation shall become effective one year after the date on which the Chairman of the ECC receives the notification of denunciation.

10.3 On the date on which the denunciation becomes effective, the Plan Management Body shall delete from the Plan the allotments entered in the name of the Administration denouncing the Special Arrangement.

ARTICLE 11

Revision of the Special Arrangement

11 With the exception of modifications to the Plan in accordance with Article 4, a revision of this Special Arrangement shall be decided only by the Contracting Administrations at a CEPT meeting convened by the ECC in accordance with its procedures, to which at least all the Contracting Administrations shall be invited.

ARTICLE 12

Entry into force and duration of the Special Arrangement and other provisions

12.1 This Special Arrangement as revised in Constanța 2007 shall enter into force on 1 September2007, at 0001 hours UTC.

12.2 This Special Arrangement and the annexed Plan have been established with a view to meeting the requirements for T-DAB.

12.3 This Special Arrangement shall remain in force until it is abrogated by the Contracting Administrations at a CEPT meeting convened by the ECC in accordance with its procedures, to which all the Contracting Administrations shall be invited.

ARTICLE 13

Cases where ratification is required

13.1 In accordance with the constitutional rules in force in their respective countries, some administrations may only be bound by this Special Arrangement subject to ratification.

13.2 The instrument of ratification shall be deposited, in as short a time as possible, with the Federal Ministry of Economics and Technology of the Federal Republic of Germany which shall notify the Contracting Administrations of each deposit of ratification.

ANNEX 1

The T-DAB Frequency Block Allotment Plan in the frequency bands 47-68 MHz and 230-240 MHz

1. The asterisks in the column under the heading "Coordination required before the implementation of T-DAB allotments" have the following meaning:

   Co-ordination required with fixed and mobile services between 230 MHz and 240 MHz;

   The column headed “Remarks” identifies administrations with which co-ordination is required.

2. The agreements between individual administrations specified in the column under the heading "Agreement number" are contained in the "Supplementary Information A" to this Special Arrangement.

3. The test points for the T-DAB Allotment Areas specified in the column under the heading "T-DAB Identifier" are contained in the "Supplementary Information B" to this Special Arrangement.

4. The information described in 2 and 3 above is also available from the Plan Management Body.

Annex 1: The T-DAB Frequency Block Allotment Plan

T-DAB Identifier	Name	Block Identifier	Agreement number	Co-ordination required before the implementation of T-DAB allotments	Remarks
CYP00002	PRIO 1	4A			
DNK10006	REGIONAL (West)	13B	0354 4963		
EST00001	EESTI	13C	4606	*	RUS
FIN10001	SUOMI1	13B	4535 4548	*	RUS
FIN20014	ETELA-POHJANMAA	13C			
FIN20015	VAASA	13C			
FIN20016	KESKI-POHJANMAA	13C			
LTU00001	LITHUANIA	13A	4599 4598	*	POL, RUS, UKR
LVA00001	LATVIA	13B	4605	*	RUS
NOR00002	NORDNORGE	13E	4522	*	RUS
NOR00005	INDRE_OESTLAND	13E			
NOR00006	SOERNORGE	13F	4520		
S__00004	JAMTLAND	13E			
S__00005	GAVLEBORG	13F			
S__00007	VARMLAND	13F			
S__00008	UPPLAND	13C	3354		
S__00012	SORMLAND	13E			
S__00013	OSTERGOTLAND	13F	4485		
S__00023	SKARABORG	13E	4486		
UKR00026	UKRVL	13C	4725 4775 4700 4750	*	LTU, POL, ROU, RUS, SVK
UKR00027	UKRLV	13E	4801 4776	*	LTU, HNG, ROU, SVK
UKR00028	UKRRV	13A	4777 4702	*	LTU, ROU, RUS, SVK
UKR00029	UKRUG	13B	4803 4778 4753	*	HNG, ROU, SVK
UKR00030	UKRIF	13A	4804 4779	*	HNG, ROU, SVK
UKR00031	UKRCH	13C	4805 4730 4780 4755	*	POL, ROU, SVK
UKR00032	UKRTE	13D	4806 4731 4781 4756	*	LTU, HNG, POL, ROU, SVK
UKR00033	UKRGM	13C	4732 4782 4707 4757	*	LTU, POL, ROU, RUS, SVK
UKR00034	UKRXM	13B	4783 4708 4758	*	LTU, ROU, RUS
UKR00035	UKRVN	13A	4784 4709	*	ROU, RUS
UKR00036	UKROD	13D	4785	*	ROU, RUS
UKR00037	UKRKV	13B	4786 4711	*	LTU, ROU, RUS
UKR00038	UKRCK	13C	4787 4712	*	ROU, RUS
UKR00039	UKRCN	13A	4713	*	LTU, ROU, RUS
UKR00040	UKRPT	13A	4714	*	ROU, RUS

T-DAB Identifier	Name	Block Identifier	Agreement number	Co-ordination required before the implementation of T-DAB allotments	Remarks
UKR00041	UKRSM	13C	4715	*	ROU, RUS
UKR00042	UKRKG	13C	4791 4716	*	ROU, RUS
UKR00043	UKRNK	13B	4792 4717	*	ROU, RUS
UKR00044	UKRXN	13C	4793 4718	*	ROU, RUS
UKR00045	UKRXK	13B	4719	*	ROU, RUS
UKR00046	UKRLG	13A	4720	*	ROU, RUS
UKR00047	UKRDP	13A	4796 4721	*	ROU, RUS
UKR00048	UKRDN	13C	4722	*	ROU, RUS
UKR00049	UKRZP	13B	4723	*	ROU, RUS
UKR00050	UKRKR	13A	4799 4724	*	ROU, RUS

ANNEX 2

Technical Bases for T-DAB Planning

1. INTRODUCTION

This Annex contains information relevant to the establishment of the CEPT T-DAB Plan in the VHF frequency band.

Relevant T-DAB system parameters and network concepts, including a description of single frequency networks (SFN), are contained in the following documents:

- European Standard EN 300 401 "Radio broadcasting systems; Digital Audio Broadcasting (DAB) to mobile, portable and fixed receivers", (ETSI);
- ITU-R Special Publication "Terrestrial and Satellite Digital Sound Broadcasting to Vehicular, Portable and Fixed Receivers in the VHF/UHF Bands" (Geneva, 1995);
- Document EBU BPN003Rev.3 "Technical Bases for T-DAB Services Network Planning and Compatibility with existing Broadcasting Services" (Geneva, February 2003)[1];
- Recommendation ITU-R BS.774-2 and Recommendation ITU-R BS.1114-6.
- Geneva 2006 Regional Agreement

2. FIELD STRENGTH CONSIDERATIONS

2.1 General

The minimum equivalent field strength values are given for three frequencies (60 MHz, 100 MHz and 230 MHz) and for different conditions; these values are derived from the corresponding minimum block power flux density values (see document EBU BPN-003Rev.3).

These values were used to establish the Plan in Annex 1 and are suitable for mobile reception. In the case that portable indoor reception is required the administrations concerned should bilaterally agree upon appropriate technical basis for co-ordination.

The calculations used for this assume that the receiving antenna, which is believed to be representative for mobile and portable reception, is at a height of 1.5 metres above ground level, omni-directional, and has a gain slightly lower than that of a dipole.

2.2 General field strength prediction[2]

The field strength prediction method used (50% locations, 50% time for the wanted signal and 50% locations, 1% time for the unwanted signal), together with the correction factors given in 2.2.1 and 2.2.2, is described below.

Mixed land-sea paths are calculated according to the interpolation method given in section 4 of the Appendix.

For the calculation of tropospheric (1% time) and steady (50% time) interference, see Recommendation ITU-R BT.655.

2.2.1 Location percentage requirements and associated correction

[1] EBU BPN-003Rev.3 can be obtained from the ERO web site.;

The required location percentage for T-DAB services is 99%. Therefore, taking into account an estimated standard deviation of 5.5 dB, an increase of 13 dB (2.33 x 5.5 dB) shall be applied to the field strength values (50% locations) as given in the Appendix to this Annex to obtain the 99% location values required for planning a T-DAB service.

2.2.2 Receiving antenna height gain correction

The propagation curves used relate to a receiving antenna height of 10 metres above ground, whereas a T-DAB service will be planned primarily for mobile reception, i.e. with an effective receiving antenna height of about 1.5 metres. An allowance of 10 dB is necessary to convert the minimum required T-DAB field strength at a vehicle antenna height of 1.5 metres to the equivalent value at 10 metres.

2.2.3 Minimum wanted field strength used for planning

Table 1 contains values for the three VHF bands[3], with the inclusion of a correction of 13 dB for location percentage and of 10 dB for height gain.

Frequency band	Band I *)	Band II	Band III
Minimum equivalent field strength (dB(µV/m))	25	31	35
Location percentage correction factor (50% to 99%) (dB)	+13	+13	+13
Antenna height gain correction (dB)	+10	+10	+10
Minimum median field strength for planning (dB(µV/m))	48	54	58

Table 1: Minimum median field strengths (dB(µV/m)) at an antenna height of 10 metres

*) The following difficulties have been identified with Band I:

- the large dimensions of transmitting antennas;
- the dimensions and complexity of receiving antennas;
- higher man-made noise;
- the addition of up to 40 dB to the minimum wanted field strength to take account of interference caused by sporadic E propagation.

2.3 Unwanted emissions

2.3.1 Spectrum masks for T-DAB out-of-band emissions

The out-of-band radiated signal in any 4 kHz band shall be constrained by one of the masks defined in Figure 1.

Case 1: The solid line mask shall apply to T-DAB transmitters operating in areas critical for adjacent channel T-DAB to T-DAB interference, and in any case when it is necessary to protect other services operating on adjacent frequencies on a primary basis.

Case 2: The dashed line mask shall apply to T-DAB transmitters in other cases.

[3] Band I (47-68 MHz); Band II (87.5-108 MHz) and Band III (limited to 230 - 240 MHz)

2.3.2 Protection of distress and safety frequencies

The 121.5 MHz and 243 MHz distress and safety frequencies must be protected from unwanted emissions from T-DAB transmitters. These distress signals are monitored by aircraft, and by search and rescue satellites in orbit at altitudes of about 850 km. Consequently, a potentially large number of T-DAB transmitters will be simultaneously within the coverage area of the satellite.

To ensure the reliable detection of distress signals, an absolute limit for unwanted emissions of not more than -50 dBm measured in a 50 kHz band centred on 121.5 MHz and 243 MHz is required. This level is calculated to remove all possibility of harmful interference and is described below.

i) - Parameters of the search and rescue satellite system

Altitude of the satellite	:	850 km
Minimum elevation of the satellite from the distress beacon	:	5 degrees
Maximum distance from the beacon to the satellite	:	2890 km
Free space attenuation	:	149.4 dB
Gain of the satellite antenna in the direction of the beacon	:	-5 dB
e.i.r.p. of the beacon	:	12 dBm
Bandwidth	:	46 kHz
C/I required	:	20 dB

ii) - Required protection from T-DAB transmissions

Maximum elevation of the satellite from the T-DAB transmitter	:	90 degrees
Minimum distance from the T-DAB transmitter to the satellite	:	850 km
Free space attenuation	:	138.7 dB
Gain of the satellite antenna in the direction of the T-DAB transmitter	:	1 dB
Bandwidth ratio between 1536 kHz and 46 kHz	:	15.2 dB

Maximum allowable cumulated interfering power from T-DAB transmitters:

$I_{max} = 12 - 20 - (149.4 + 5 - 138.7 + 1 - 15.2) = -9.5$ dBm

It should be noted that the SARSAT mission would no longer be possible with a C/I < 10 dB.

iii) - Calculation of the limit for unwanted emissions

The radio horizon at 850 km altitude is about 2890 km. Therefore, nearly all the T-DAB transmitters in the CEPT area are potentially within the radio horizon, and the total number of emissions could eventually significantly exceed 10000. The worst case is taken using free-space attenuation from the T-DAB transmitters and not considering the details of the interference mechanisms. A bandwidth of about 50 kHz is required in the satellite receiver to accommodate the poor frequency stability of emergency beacons operating under extreme environmental stress. The limit for unwanted emissions can therefore be calculated as follows:

Cumulative unwanted emission limit	-9.5 dBm
Per transmitter	-9.5 - 10log(10 000) = -49.5 dBm
Absolute unwanted emission limit per T-DAB transmitter:	-50 dBm measured in a 50 kHz band centred on 243.0 MHz.

3. POSITION OF FREQUENCY BLOCKS

Table 2 shows the adopted harmonised channelling plan. This is based on tuning increments of 16 kHz and guard bands of 176 kHz between adjacent T-DAB frequency blocks.

Within each 7 MHz television channel, four T-DAB frequency blocks have been accommodated, giving common centre frequencies for T-DAB frequency blocks, irrespective of the TV system used.

To enhance compatibility with TV sound, the guard bands for T-DAB frequency blocks A in Channel N and D in Channel N-1 are between 320 kHz and 336 kHz..

The channelling plan for the band 230 - 240 MHz accommodates six T-DAB frequency blocks, but this is only achieved by dividing it into two parts as shown in Figure 2. The narrow guard band between blocks 13C and 13D will not allow the use of these two blocks in adjacent service areas.

T-DAB block number	Centre frequency (MHz)	Frequency range (MHz)	Lower guard band[4] (kHz)	Upper guard band[4] (kHz)
2A	47.936	47.168 - 48.704	-	176
2B	49.648	48.880 - 50.416	176	176
2C	51.360	50.592 - 52.128	176	176
2D	53.072	52.304 - 53.840	176	320
3A	54.928	54.160 - 55.696	320	176
3B	56.640	55.872 - 57.408	176	176
3C	58.352	57.584 - 59.120	176	176
3D	60.064	59.296 - 60.832	176	336
4A	61.936	61.168 - 62.704	336	176
4B	63.648	62.880 - 64.416	176	176
4C	65.360	64.592 - 66.128	176	176
4D	67.072	66.304 - 67.840	176	-
13A	230.784	230.016 - 231.552	176	176
13B	232.496	231.728 - 233.264	176	176
13C	234.208	233.440 - 234.976	176	32
13D	235.776	235.008 - 236.544	32	176
13E	237.488	236.720 - 238.256	176	176
13F	239.200	238.432 - 239.968	176	-

Table 2: T-DAB frequency blocks

4. SHARING AND COMPATIBILITY

4.1 Intra-service (T-DAB interfered with by T-DAB)

The T-DAB co-block protection ratio is 10 dB.

Table 3 below shows the values for the maximum permissible interfering field strength used for planning.

[4] Note: In arriving at these values, it has been assumed that the T-DAB transmitting and receiving equipment must allow for the use of adjacent T-DAB frequency blocks in adjacent areas, i.e. using a 176 kHz guard band.

The standard deviation of the location variation of a T-DAB signal is assumed to be 5.5 dB (see Appendix). The field strength values for wanted and unwanted signals are assumed to be uncorrelated. To protect wanted T-DAB signals for 99% of locations against interference from another T-DAB transmission, a propagation correction of 2.33 x 5.5 x $\sqrt{2}$ = 18 dB as well as the T-DAB protection ratio (T-DAB to T-DAB) of 10 dB shall be taken into account.

$$E_I^{Max} = E_W^{Min} - PR - PC$$

where

E_I^{Max} = maximum permissible interfering field strength
E_W^{Min} = minimum median equivalent field strength
PR = protection ratio
PC = propagation correction

Frequency band	Minimum wanted field strength (dB(μV/m)) (50% locations, 10 m height)	Protection ratio T-DAB interfered with by T-DAB (dB)	Propagation correction (dB)	Maximum permissible interfering field strength (dB(μV/m))
BAND I	48	10	18	20*
BAND II	54	10	18	26*
BAND III	58	10	18	30*

* In the case of an SFN, this figure shall be increased by 3 dB.

Table 3: Maximum permissible interfering field strength (T-DAB to T-DAB)

4.2 Inter-service (T-DAB versus Other services)

4.2.1 T-DAB interfered with by other services

The maximum allowable field strength of an interfering signal (FS_I) to protect the minimum wanted field strength of a T-DAB signal ($FS_{T\text{-}DAB}$) is calculated as follows:

Maximum allowable $FS_I = (FS_{T\text{-}DAB} - PR - 18)$ dB(μV/m).

The following tables contain the protection ratio values used in the calculations.

The service information is shown as follows, for example:

Aeronautical safety service 1		
Service identifier	**Field strength to be protected in dB(μV/m) for Band III**	**Transmit antenna height (m)**
AL	58.0	10000

where

- **AL** is the service identifier;
- **58.0** is the T-DAB field strength to be protected in dB(μV/m) for Band III; see Table 1 for the values applicable to Bands I and II;

- **10000** is the other service transmit antenna height (in metres).

The columns in the table relating to the above example have the following meaning:

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-66.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-66.0

where

- **-0.9** is the frequency difference in MHz, i.e. the centre frequency of the interfering other service minus the centre frequency of the T-DAB block suffering interference;*
- **-66.0** is the required protection ratio in dB.

* In the case of an interfering TV signal the vision carrier frequency has to be taken instead of the centre frequency of the TV channel.

Aeronautical safety service 1		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
AL	58.0	10000

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-66.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-66.0

CZE service. No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
CA	58.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Aeronautical safety service 2		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
DA	58.0	10000

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-66.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-66.0

Aeronautical safety service (Germany); DB. The centre frequency is 235.0 MHz and the first channel is at 231.0 MHz. The values used are the same as those for the ME service		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
DB	58.0	10000.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Military tactical distance measuring system (DME) Sweden (236 MHz). No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
H1	58.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Military tactical distance measuring system (DME) Sweden (241 MHz). No information, CW interference data used .		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
H2	58.0	25.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Military tactical distance measuring system (DME) Sweden (238.5 MHz)		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**

H3	58.0	500.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Mobile Navy service in Sweden (233.1 MHz, 233.2 MHz, 233.3 MHz) transmit only		
Service identifier	**Field strength to be protected in dB(μV/m) for Band III**	**Transmit antenna height (m)**
H4	58.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Military narrowband FM system, analogue (47 - 68 MHz). No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(μV/m) for Band I**	**Transmit antenna height (m)**
MB	48.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Military narrowband FM system, digital (47 - 68 MHz). No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(μV/m) for Band I**	**Transmit antenna height (m)**
MC	48.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Military narrowband FM system, frequency hopping (47 - 68 MHz). No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(μV/m) for Band I**	**Transmit antenna height (m)**
MD	48.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Military air-ground-air system, analogue Minimum separation distance is 1 km. Frequency range is 230 to just above 240 MHz, but channel frequencies are not identical in all countries. No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(μV/m) for Band III**	**Transmit antenna height (m)**
ME	58.0	10000.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Military air-ground-air system, digital (230 - 243 MHz). No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(μV/m) for Band III**	**Transmit antenna height (m)**
MF	58.0	10000.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Military air-ground-air system, frequency hopping (230 - 243 MHz). No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(μV/m) for Band III**	**Transmit antenna height (m)**
MG	58.0	10000.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Mobile Navy service, analogue (230 - 243 MHz). No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(μV/m) for Band III**	**Transmit antenna height (m)**
MI	58.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Mobile Navy service, digital (230 - 243 MHz). No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
MJ	58.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Mobile Navy service, frequency hopping (230 - 243 MHz). No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
MK	58.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Military fixed services (230 - 243 MHz). No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
ML	58.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Distress frequency 243 MHz. No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
MN	58.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Military Mobile and Fixed (tactical) services. No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
MT	58.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Mobile radio - low power devices S2 data used		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
MU	58.0	10.0

Δ f (MHz)	-2.0	-1.9	-1.8	-1.7	-1.6	-1.5	-1.4	-1.3	-1.2	-1.1	-1.0
PR (dB)	-48.0	-47.9	-47.1	-46.7	-46.4	-46.0	-45.4	-45.1	-43.9	-38.4	-37.5
Δ f (MHz)	-0.9	-0.8	-0.8	-0.7	-0.6	-0.5	-0.4	-0.3	-0.2	-0.1	0.0
PR (dB)	-28.9	-12.9	-4.9	-1.0	2.1	3.5	4.3	4.1	4.4	4.1	4.0
Δ f (MHz)	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9	1.0
PR (dB)	4.1	4.4	4.1	4.3	3.5	2.1	-1.0	-4.9	-12.9	-28.9	-37.5
Δ f (MHz)	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	
PR (dB)	-38.4	-43.9	-45.1	-45.4	-46.0	-46.4	-46.7	-47.1	-47.9	-48.0	

Mobile services - narrowband (12.5 kHz)FM system. No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
M1	58.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Mobile services - narrowband (12.5 kHz)FM system. No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
M2	58.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

UHF satellite, space to earth, above 240 MHz. No information, CW interference data used

Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
NO	58.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Paging - low power, local area (49 to 49.5 MHz). No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(µV/m) for Band I**	**Transmit antenna height (m)**
PA	48.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Mobile services - narrowband (12.5 kHz)FM system. No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
RA	58.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Wideband FM sound mono		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
S1	58.0	10.0

Δ f (MHz)	-1.3	-1.2	-1.1	-1.0	-0.9	-0.8	-0.8	-0.7	-0.6	-0.5	-0.4
PR (dB)	-45.1	-43.9	-38.4	-37.5	-28.9	-12.9	-4.9	-1.0	2.1	3.5	4.3
Δ f (MHz)	-0.3	-0.2	-0.1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7
PR (dB)	4.1	4.4	4.1	4.0	4.1	4.4	4.1	4.3	3.5	2.1	-1.0
Δ f (MHz)	0.8	0.8	0.9	1.0	1.1	1.2	1.3				
PR (dB)	-4.9	-12.9	-28.9	-37.5	-38.4	-43.9	-45.1				

Wideband FM sound stereo		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
S2	58.0	10.0

Δ f (MHz)	-1.3	-1.2	-1.1	-1.0	-0.9	-0.8	-0.8	-0.7	-0.6	-0.5	-0.4
PR (dB)	-45.1	-43.9	-38.4	-37.5	-28.9	-12.9	-4.9	-1.0	2.1	3.5	4.3
Δ f (MHz)	-0.3	-0.2	-0.1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7
PR (dB)	4.1	4.4	4.1	4.0	4.1	4.4	4.1	4.3	3.5	2.1	-1.0
Δ f (MHz)	0.8	0.8	0.9	1.0	1.1	1.2	1.3				
PR (dB)	-4.9	-12.9	-28.9	-37.5	-38.4	-43.9	-45.1				

I/PAL (Band I)		
Service identifier	**Field strength to be protected in dB(µV/m) for Band I**	**Transmit antenna height (m)**
TA	48.0	10.0

Δ f (MHz)	-8.0	-7.5	-7.0	-6.5	-6.0	-5.5	-5.0	-4.5	-4.0	-3.5	-3.0
PR (dB)	-42.0	-23.5	-10.0	-3.0	-2.0	-3.0	-24.0	-21.0	-23.0	-31.0	-31.5
Δ f (MHz)	-2.5	-2.0	-1.5	-1.0	-0.9	-0.8	-0.7	-0.6	0.0	0.6	0.7
PR (dB)	-30.0	-28.5	-25.0	-19.5	-17.5	-11.0	-7.0	-1.5	-1.5	-4.0	-5.5
Δ f (MHz)	0.8	0.9	1.0	2.0	3.0						
PR (dB)	-13.5	-17.0	-20.0	-33.0	-47.5						

B/PAL (Band I)		
Service identifier	**Field strength to be protected in dB(µV/m) for Band I**	**Transmit antenna height (m)**
TB	48.0	10.0

Δ f (MHz)	-7.0	-6.5	-6.0	-5.5	-5.0	-4.5	-4.0	-3.5	-3.0	-2.5	-2.0
PR (dB)	-47.0	-18.0	-5.0	-3.0	-5.0	-20.0	-22.0	-31.5	-31.5	-29.0	-26.5
Δ f (MHz)	-1.5	-1.0	-0.9	-0.8	-0.7	-0.6	0.0	0.6	0.7	0.8	0.9
PR (dB)	-23.0	-18.5	-16.0	-9.0	-5.0	-3.0	-0.5	-3.0	-4.0	-12.0	-16.0
Δ f (MHz)	1.0	2.0									
PR (dB)	-19.5	-45.3									

D/SECAM, K/SECAM (Band I)		
Service identifier	**Field strength to be protected in dB(µV/m) for Band I**	**Transmit antenna height (m)**
TC	48.0	10.0

Δ f (MHz)	-8.0	-7.5	-7.0	-6.5	-6.0	-5.5	-5.0	-4.5	-4.0	-3.5	-3.0
PR (dB)	-47.0	-42.5	-3.0	-2.5	-3.0	-37.5	-21.5	-18.5	-20.5	-26.5	-33.5
Δ f (MHz)	-2.5	-2.0	-1.5	-1.0	-0.9	-0.8	-0.7	-0.6	0.0	0.6	0.7
PR (dB)	-31.5	-29.0	-26.5	-18.5	-16.5	-9.0	-6.0	-3.0	-2.5	-4.0	-4.5
Δ f (MHz)	0.8	0.9	1.0	2.0							
PR (dB)	-12.0	-22.0	-25.0	-46.0							

L/SECAM (Band I)		
Service identifier	**Field strength to be protected in dB(µV/m) for Band I**	**Transmit antenna height (m)**
TD	48.0	10.0

Δ f (MHz)	-8.0	-7.5	-7.0	-6.5	-6.0	-5.5	-5.0	-4.5	-4.0	-3.5	-3.0
PR (dB)	-46.5	-42.5	-15.5	-13.0	-15.0	-26.5	-18.5	-17.0	-18.0	-23.0	-31.5
Δ f (MHz)	-2.5	-2.0	-1.5	-1.0	-0.9	-0.8	-0.7	-0.6	0.0	0.6	0.7
PR (dB)	-30.5	-27.5	-24.5	-18.0	-16.5	-8.0	-5.0	-1.5	1.5	-2.0	-3.5
Δ f (MHz)	0.8	0.9	1.0	2.0	3.0						
PR (dB)	-12.5	-18.5	-19.0	-31.0	-46.8						

B/SECAM (Band I). B/PAL (T2) data used		
Service identifier	**Field strength to be protected in dB(µV/m) for Band I**	**Transmit antenna height (m)**
TE	48.0	10.0

Δ f (MHz)	-7.0	-6.5	-6.0	-5.5	-5.0	-4.5	-4.0	-3.5	-3.0	-2.5	-2.0
PR (dB)	-47.0	-18.0	-5.0	-3.0	-5.0	-20.0	-22.0	-31.5	-31.5	-29.0	-26.5
Δ f (MHz)	-1.5	-1.0	-0.9	-0.8	-0.7	-0.6	0.0	0.6	0.7	0.8	0.9
PR (dB)	-23.0	-18.5	-16.0	-9.0	-5.0	-3.0	-0.5	-3.0	-4.0	-12.0	-16.0
Δ f (MHz)	1.0	2.0									
PR (dB)	-19.5	-45.3									

D/PAL (Band I)		
Service identifier	**Field strength to be protected in dB(µV/m) for Band I**	**Transmit antenna height (m)**
TF	48.0	10.0

Δ f (MHz)	-8.0	-7.5	-7.0	-6.5	-6.0	-5.5	-5.0	-4.5	-4.0	-3.5	-3.0
PR (dB)	-47.0	-42.5	-3.0	-2.5	-3.0	-37.5	-21.5	-20.0	-22.0	-31.5	-31.5
Δ f (MHz)	-2.5	-2.0	-1.5	-1.0	-0.9	-0.8	-0.7	-0.6	0.0	0.6	0.7
PR (dB)	-29.0	-26.5	-23.0	-18.5	-16.0	-9.0	-5.0	-3.0	-0.5	-3.0	-4.0
Δ f (MHz)	0.8	0.9	1.0	2.0							
PR (dB)	-12.0	-16.0	-19.0	-45.3							

B/PAL (FM+Nicam) (Band I)		
Service identifier	**Field strength to be protected in dB(µV/m) for Band I**	**Transmit antenna height (m)**
TG	48.0	10.0

Δ f (MHz)	-7.0	-6.5	-6.0	-5.5	-5.0	-4.5	-4.0	-3.5	-3.0	-2.5	-2.0
PR (dB)	-47.0	-18.0	-5.0	-3.0	-5.0	-20.0	-22.0	-31.5	-31.5	-29.0	-26.5
Δ f (MHz)	-1.5	-1.0	-0.9	-0.8	-0.7	-0.6	0.0	0.6	0.7	0.8	0.9
PR (dB)	-23.0	-18.5	-16.0	-9.0	-5.0	-3.0	-0.5	-3.0	-4.0	-12.0	-16.0
Δ f (MHz)	1.0	2.0									
PR (dB)	-19.5	-45.3									

PMR (5 kHz channel spacing). No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
XA	58.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Finnish Alarm System, 230 to 231 MHz (Block 13A). No information, CW interference data used

Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
XB	58.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Military air-ground-air system (aeronautical frequencies). No information		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
XE	58.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Radio microphones (VHF). No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
XM	58.0	10.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Video link		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
YB	58.0	10.0

Δ f (MHz)	-8.0	-7.5	-7.0	-6.5	-6.0	-5.5	-5.0	-4.5	-4.0	-3.5	-3.0
PR (dB)	-42.0	-23.5	-10.0	-3.0	-2.0	-3.0	-24.0	-21.0	-23.0	-31.0	-31.5
Δ f (MHz)	-2.5	-2.0	-1.5	-1.0	-0.9	-0.8	-0.7	-0.6	0.0	0.6	0.7
PR (dB)	-30.0	-28.5	-25.0	-19.5	-17.5	-11.0	-7.0	-1.5	-1.5	-4.0	-5.5
Δ f (MHz)	0.8	0.9	1.0	2.0	3.0						
PR (dB)	-13.5	-17.0	-20.0	-33.0	-47.5						

Military air-ground-air system, frequency hopping (230 - 243 MHz). No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
YC	58.0	10000.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Military air-ground-air system, frequency hopping (230 - 243 MHz). No information, CW interference data used		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
YD	58.0	10000.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Mobile Navy (aircraft) service (230 - 243 MHz). New type		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
YE	58.0	10000.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-66.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-66.0

Distress frequency 243 MHz. New type		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
YG	58.0	10000.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-66.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-66.0

Audio link special		
Service identifier	**Field strength to be protected in dB(µV/m) for Band III**	**Transmit antenna height (m)**
YH	58.0	5000.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-66.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-66.0

Military air-ground-air system, frequency hopping (230 - 243 MHz). No information, CW interference data used (as YC)		
Service identifier	**Field strength to be protected in dB(μV/m) for Band III**	**Transmit antenna height (m)**
YT	58.0	10000.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Military air-ground-air system, frequency hopping (230 - 243 MHz). No information, CW interference data used (as YC)		
Service identifier	**Field strength to be protected in dB(μV/m) for Band III**	**Transmit antenna height (m)**
YW	58.0	10000.0

Δ f (MHz)	-0.9	-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8	0.9
PR (dB)	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0

Where no information concerning protection ratios for T-DAB suffering interference from other services has been supplied to the Planning Meeting, the administrations concerned should develop appropriate sharing criteria by mutual agreement. When available one could use the relevant ITU-R Recommendations or ECC and ERC Decisions and Recommendations..

4.2.2 Other services interfered with by T-DAB

The maximum allowable field strength of an interfering signal (FS_I) to protect the minimum wanted field strength of an other service ($FS_{other\ service}$) is calculated as follows:

$$\text{Max. allowable } FS_I = (FS_{other\ service} - PR)\ dB(\mu V/m)$$

or where the other service is television broadcasting:

$$\text{Max. allowable } FS_I \text{ for tropospheric interference} = (FS_{other\ service} - PR_{1\%\ time})\ dB(\mu V/m);$$
$$\text{Max. allowable } FS_I \text{ for continuous interference} = (FS_{other\ service} - PR_{50\%\ time})\ dB(\mu V/m).$$

Note: Where relevant, receiving antenna directivity or polarization discrimination must be taken into account.
The required separation distance is given where known.

The following tables contain the field strength to be protected, the protection ratio values used in the calculations and the maximum permitted field strength values derived from those values. .

The service information is shown as follows, for example:

Aeronautical safety service 1			
Service identifier	**Field strength to be protected in dB(μV/m)**	**Receiver height (m)**	**Separation distance (m)**
AL	26.0	10000.0	1000.0

where

- **AL** is the service identifier;
- **26.0** is the other service field strength to be protected in dB(μV/m);
- **10000.0** is the other service receiver height in metres to be used if it is mobile;
- **1000.0** is the required separation distance in metres, where known.

The columns in the table have the following meaning:

Δ f (MHz)	-2.500	-2.000	-1.500	-1.000	0.000	1.000	2.000	3.000	4.000	5.000	5.630
PR (dB) 1%	-0.1	3.8	21.0	32.0	39.8	43.0	39.5	37.3	39.3	38.0	24.5
PR (dB) 50%	5.9	10.3	25.5	38.0	46.8	48.3	44.3	41.8	45.5	42.5	30.0
dB (μV/m) 1%	48.1	44.2	27.0	16.0	8.2	5.0	8.5	10.7	8.7	10.0	23.5
dB (μV/m) 50%	42.1	37.7	22.5	10.0	1.2	-0.3	3.7	6.2	2.5	5.5	18.0

where

- **-2.500** is the frequency difference in MHz, i.e .the interfering T-DAB block centre frequency minus the centre frequency of the other service suffering interference;*
- **-0.1** is the protection ratio in dB required for tropospheric interference;
- **5.9** is the protection ratio in dB required for continuous interference (if known);
- **48.1** is the maximum permitted 1% time T-DAB field strength in dB(μV/m) in the other service coverage area;
- **42.1** is the maximum permitted 50% time T-DAB field strength in dB(μV/m) in the other service coverage area (specified only in the case of a TV signal suffering interference).

* In the case of a TV signal suffering interference the vision carrier frequency has to be taken instead of the centre frequency of the TV channel.

Aeronautical safety service 1			
Service identifier	**Field strength to be protected in dB(μV/m)**	**Receiver height (m)**	**Separation distance (m)**
AL	26.0	10000.0	1000.0

Δ f (MHz)	-10.000	-9.000	-0.800	-0.600	-0.400	-0.200	0.000	0.200	0.400	0.600	0.800
PR (dB) 1%	-66.0	-6.6	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6
dB (μV/m) 1%	92.0	32.6	32.6	23.3	22.8	21.9	19.5	21.9	22.8	23.3	32.6
Δ f (MHz)	9.000	10.000									
PR (dB) 1%	-6.6	-66.0									
dB (μV/m) 1%	32.6	92.0									

CZE service, values used as for PMR (5 kHz channel spacing)			
Service identifier	**Field strength to be protected in dB(μV/m)**	**Receiver height (m)**	**Separation distance (m)**
CA	15.0	10.0	

Δ f (MHz)	-0.920	-0.870	-0.820	-0.795	-0.782	-0.770	0.000	0.770	0.782	0.795	0.820
PR (dB) 1%	-58.0	-49.0	-41.0	-37.0	-34.0	-14.0	-12.0	-14.0	-34.0	-37.0	-41.0
dB (μV/m) 1%	73.0	64.0	56.0	52.0	49.0	29.0	27.0	29.0	49.0	52.0	56.0
Δ f (MHz)	0.870	0.920									
PR (dB) 1%	-49.0	-58.0									
dB (μV/m) 1%	64.0	73.0									

Aeronautical safety service 2; Type A receiver. First channel 230.05 MHz			
Service identifier	**Field strength to be protected in dB(μV/m)**	**Receiver height (m)**	**Separation distance (m)**
DA	26.0	10000.0	1000.0

Δ f (MHz)	-10.20	-6.550	-6.350	-6.150	-5.930	-5.770	0.000	10.000			
PR (dB) 1%	-56.0	-56.0	-54.0	-49.0	-33.0	6.0	6.0	6.0			
dB (μV/m) 1%	82.0	82.0	80.0	75.0	59.0	20.0	20.0	20.0			

Aeronautical safety service (Germany); DB. The centre frequency is 235.0 MHz and the first channel is at 231.0 MHz			
Service identifier	**Field strength to be protected in dB(μV/m)**	**Receiver height (m)**	**Separation distance (m)**
DB	26.0	10000.0	1000.0

Δ f (MHz)	-5.250	-4.470	-4.270	0.000	9.770	9.970	10.750				
PR (dB) 1%	-81.0	-46.0	-1.0	-1.0	-1.0	-46.0	-81.0				
dB (μV/m) 1%	107.0	72.0	27.0	27.0	27.0	72.0	107.0				

Military tactical distance measuring system (DME) Sweden (236 MHz)			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
H1	73.0	500.0	

Δ f (MHz)	-0.700	-0.500	0.000	0.500	0.700						
PR (dB) 1%	-60.0	6.0	6.0	6.0	-60.0						
dB (µV/m) 1%	133.0	67.0	67.0	67.0	133.0						

Military tactical distance measuring system (DME) Sweden (241 MHz)			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
H2	53.0	10000.0	1000.0

Δ f (MHz)	-2.700	-0.500	0.000	0.500	2.700						
PR (dB) 1%	-60.0	6.0	6.0	6.0	-60.0						
dB (µV/m) 1%	113.0	47.0	47.0	47.0	113.0						

Military tactical distance measuring system (DME) Sweden (238.5 MHz); transmit only			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
H3	53.0	10.0	

Δ f (MHz)	-0.900	-0.800	-0.600	-0.400	-0.200	0.000	0.200	0.400	0.600	0.800	0.900
PR (dB) 1%	-60.0	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6	-60.0
dB (µV/m) 1%	113.0	59.6	50.3	49.8	48.9	46.5	48.9	49.8	50.3	59.6	113.0

Mobile Navy service in Sweden (233.1 MHz, 233.2 MHz, 233.3 MHz)			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
H4	48.0	5.0	

Δ f (MHz)	-0.140	0.000	0.140								
PR (dB) 1%	-60.0	-10.0	-60.0								
dB (µV/m) 1%	108.0	58.0	108.0								

Military narrowband FM system, analogue (47 - 68 MHz). M2 values used			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
MB	15.0	10.0	

Δ f (MHz)	-0.920	-0.870	-0.820	-0.795	-0.782	-0.770	0.000	0.770	0.782	0.795	0.820
PR (dB) 1%	-58.0	-49.0	-41.0	-37.0	-34.0	-14.0	-12.0	-14.0	-34.0	-37.0	-41.0
dB (µV/m) 1%	73.0	64.0	56.0	52.0	49.0	29.0	27.0	29.0	49.0	52.0	56.0
Δ f (MHz)	0.870	0.920									
PR (dB) 1%	-49.0	-58.0									
dB (µV/m) 1%	64.0	73.0									

Military narrowband FM system, digital (47 - 68 MHz). M2 values used			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
MC	15.0	10.0	

Δ f (MHz)	-0.920	-0.870	-0.820	-0.795	-0.782	-0.770	0.000	0.770	0.782	0.795	0.820
PR (dB) 1%	-58.	-49.0	-41.0	-37.0	-34.0	-14.0	-12.0	-14.0	-34.0	-37.0	-41.0
dB (µV/m) 1%	73.0	64.0	56.0	52.0	49.0	29.0	27.0	29.0	49.0	52.0	56.0
Δ f (MHz)	0.870	0.920									
PR (dB) 1%	-49.0	-58.0									
dB (µV/m) 1%	64.0	73.0									

Military narrowband FM system, frequency hopping (47 - 68 MHz). M2 values used			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
MD	15.0	10.0	

Δ f (MHz)	-0.920	-0.870	-0.820	-0.795	-0.782	-0.770	0.000	0.770	0.782	0.795	0.820
PR (dB) 1%	-58.0	-49.0	-41.0	-37.0	-34.0	-14.0	-12.0	-14.0	-34.0	-37.0	-41.0
dB (μV/m) 1%	73.0	64.0	56.0	52.0	49.0	29.0	27.0	29.0	49.0	52.0	56.0
Δ f (MHz)	0.870	0.920									
PR (dB) 1%	-49.0	-58.0									
dB (μV/m) 1%	64.0	73.0									

Military air-ground-air system, analogue (type B and C receivers). Minimum separation distance is 1 km. Frequency range is 230 to just above 240 MHz, but channel frequencies are not identical in all countries			
Service identifier	**Field strength to be protected in dB(μV/m)**	**Receiver height (m)**	**Separation distance (m)**
ME	26.0	10000.0	1000.0

Δ f (MHz)	-1.750	-0.970	-0.770	0.000	0.770	0.970	1.750				
PR (dB) 1%	-81.0	-46.0	-1.0	-1.0	-1.0	-46.0	-81.0				
dB (μV/m) 1%	107.0	72.0	27.0	27.0	27.0	72.0	107.0				

Military air-ground-air system, digital (230 - 243 MHz). ME data used			
Service identifier	**Field strength to be protected in dB(μV/m)**	**Receiver height (m)**	**Separation distance (m)**
MF	26.0	10000.0	1000.0

Δ f (MHz)	-1.750	-0.970	-0.770	0.000	0.770	0.970	1.750				
PR (dB) 1%	-81.0	-46.0	-1.0	-1.0	-1.0	-46.0	-81.0				
dB (μV/m) 1%	107.0	72.0	27.0	27.0	27.0	72.0	107.0				

Military air-ground-air system, frequency hopping (230 - 243 MHz). ME data used			
Service identifier	**Field strength to be protected in dB(μV/m)**	**Receiver height (m)**	**Separation distance (m)**
MG	26.0	10000.0	1000.0

Δ f (MHz)	-1.750	-0.970	-0.770	0.000	0.770	0.970	1.750				
PR (dB) 1%	-81.0	-46.0	-1.0	-1.0	-1.0	-46.0	-81.0				
dB (μV/m) 1%	107.0	72.0	27.0	27.0	27.0	72.0	107.0				

Mobile Navy service, analogue (230 - 243 MHz). ME data used			
Service identifier	**Field strength to be protected in dB(μV/m)**	**Receiver height (m)**	**Separation distance (m)**
MI	26.0	10000.0	1000.0

Δ f (MHz)	-1.750	-0.970	-0.770	0.000	0.770	0.970	1.750				
PR (dB) 1%	-81.0	-46.0	-1.0	-1.0	-1.0	-46.0	-81.0				
dB (μV/m) 1%	107.0	72.0	27.0	27.0	27.0	72.0	107.0				

Mobile Navy service, digital (230 - 243 MHz). ME data used			
Service identifier	**Field strength to be protected in dB(μV/m)**	**Receiver height (m)**	**Separation distance (m)**
MJ	26.0	10000.0	1000.0

Δ f (MHz)	-1.750	-0.970	-0.770	0.000	0.770	0.970	1.750				
PR (dB) 1%	-81.0	-46.0	-1.0	-1.0	-1.0	-46.0	-81.0				
dB (μV/m) 1%	107.0	72.0	27.0	27.0	27.0	72.0	107.0				

Mobile Navy service, frequency hopping (230 - 243 MHz). ME data used			
Service identifier	**Field strength to be protected in dB(μV/m)**	**Receiver height (m)**	**Separation distance (m)**
MK	26.0	10000.0	1000.0

Δ f (MHz)	-1.750	-0.970	-0.770	0.000	0.770	0.970	1.750				
PR (dB) 1%	-81.0	-46.0	-1.0	-1.0	-1.0	-46.0	-81.0				
dB (μV/m) 1%	107.0	72.0	27.0	27.0	27.0	72.0	107.0				

Military fixed services (230 - 243 MHz). MT values used

Service identifier	Field strength to be protected in dB(µV/m)	Receiver height (m)	Separation distance (m)
ML	20.0	10.0	

Δ f (MHz)	-2.000	-1.000	0.000	1.000	2.000						
PR (dB) 1%	-5.0	15.0	25.0	15.0	-5.0						
dB (µV/m) 1%	25.0	5.0	-5.0	5.0	25.0						

Distress frequency 243 MHz			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
MN	26.0	10.0	

Δ f (MHz)	-0.800	0.000	0.800								
PR (dB) 1%	-60.0	-60.0	-60.0								
dB (µV/m) 1%	86.0	86.0	86.0								

Military mobile service. Centre frequency 232.625 MHz			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
MQ	26.0	10000.0	1000.0

Δ f (MHz)	-2.63	-2.625	0.000	2.625	2.630						
PR (dB) 1%	-60.0	-1.0	-1.0	-1.0	-60.0						
dB (µV/m) 1%	86.0	27.0	27.0	27.0	86.0						

Military mobile service. Centre frequency 242.5 MHz			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
MR	26.0	10000.0	1000.0

Δ f (MHz)	-2.510	-2.500	0.000	2.500	2.510						
PR (dB) 1%	-60.0	-1.0	-1.0	-1.0	-60.0						
dB (µV/m) 1%	86.0	27.0	27.0	27.0	86.0						

Military Mobile and Fixed (tactical) services			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
MT	20.0	10.0	

Δ f (MHz)	-2.000	-1.000	0.000	1.000	2.000						
PR (dB) 1%	-5.0	15.0	25.0	15.0	-5.0						
dB (µV/m) 1%	25.0	5.0	-5.0	5.0	25.0						

Mobile radio - low power devices. Wideband FM (stereo) data used			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
MU	54.0	10.0	

Δ f (MHz)	-1.000	-0.900	-0.800	0.000	0.800	0.900	1.000				
PR (dB) 1%	-12.0	5.0	38.0	38.0	38.0	5.0	-12.0				
dB (µV/m) 1%	66.0	49.0	16.0	16.0	16.0	49.0	66.0				

Mobile services - narrowband FM system (12.5 kHz) interfered with by a single T-DAB block. T-DAB assumed to be always higher in frequency than PMR. M2 values used			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
M1	15.0	10.0	

Δ f (MHz)	-.92	-0.870	-0.820	-0.795	-0.782	-0.770	0.000	0.770	0.782	0.795	0.820
PR (dB) 1%	-58.	-49.0	-41.0	-37.0	-34.0	-14.0	-12.0	-14.0	-34.0	-37.0	-41.0
dB (µV/m) 1%	73.0	64.0	56.0	52.0	49.0	29.0	27.0	29.0	49.0	52.0	56.0
Δ f (MHz)	0.870	0.920									
PR (dB) 1%	-49.0	-58.0									
dB (µV/m) 1%	64.0	73.0									

Narrowband FM system interfered with by two or more T-DAB blocks			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
M2	36.0	10.0	

Δ f (MHz)	-0.920	-0.870	-0.820	-0.795	-0.782	-0.770	0.000	0.770	0.782	0.795	0.820
PR (dB) 1%	-58.0	-49.0	-41.0	-37.0	-34.0	-14.0	-12.0	-14.0	-34.0	-37.0	-41.0
dB (µV/m) 1%	94.0	85.0	77.0	73.0	70.0	50.0	48.0	50.0	70.0	73.0	77.0
Δ f (MHz)	0.870	0.920									
PR (dB) 1%	-49.0	-58.0									
dB (µV/m) 1%	85.0	94.0									

UHF satellite, space to earth, above 240 MHz. No information (-60 dB)			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
NO	0.0	10.0	

Δ f (MHz)	-0.800	0.000	0.800								
PR (dB) 1%	-60.0	-60.0	-60.0								
dB (µV/m) 1%	60.0	60.0	60.0								

Paging - low power, local area, 49 to 49.5 MHz			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
PA	26.0	10.0	

Δ f (MHz)	-0.900	-0.800	0.000	0.800	0.900						
PR (dB) 1%	-43.0	-25.0	-9.0	-25.0	-43.0						
dB (µV/m) 1%	69.0	51.0	35.0	51.0	69.0						

Mobile services - narrowband FM system (12.5 kHz) interfered with by a single T-DAB block. T-DAB assumed to be always higher in frequency than PMR. M2 values used			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
RA	15.0	10.0	

Δ f (MHz)	-0.920	-0.870	-0.820	-0.795	-0.782	-0.770	0.000	0.770	0.782	0.795	0.820
PR (dB) 1%	-58.0	-49.0	-41.0	-37.0	-34.0	-14.0	-12.0	-14.0	-34.0	-37.0	-41.0
dB (µV/m) 1%	73.0	64.0	56.0	52.0	49.0	29.0	27.0	29.0	49.0	52.0	56.0
Δ f (MHz)	0.870	0.920									
PR (dB) 1%	-49.0	-58.0									
dB (µV/m) 1%	64.0	73.0									

Wideband FM sound mono			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
S1	48.0	10.0	

Δ f (MHz)	-1.000	-0.900	-0.800	0.000	0.800	0.900	1.000				
PR (dB) 1%	-22.0	-16.0	18.0	18.0	18.0	-16.0	-22.0				
dB (µV/m) 1%	70.0	64.0	30.0	30.0	30.0	64.0	70.0				

Wideband FM sound stereo			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
S2	54.0	10.0	

Δ f (MHz)	-1.000	-0.900	-0.800	0.000	0.800	0.900	1.000				
PR (dB) 1%	-12.0	5.0	38.0	38.0	38.0	5.0	-12.0				
dB (µV/m) 1%	66.0	49.0	16.0	16.0	16.0	49.0	66.0				

I/PAL (Band I)			
Service identifier	**Field strength to be protected in**	**Receiver height (m)**	**Separation distance (m)**

	dB(µV/m)		
TA	48.0	10.0	

Δ f (MHz)	-2.500	-2.000	-1.500	-1.000	0.000	1.000	2.000	3.000	4.000	5.000	5.630
PR (dB) 1%	-0.1	3.8	21.0	32.0	39.8	43.0	39.5	37.3	39.3	38.0	24.5
PR (dB) 50%	5.9	10.3	25.5	38.0	46.8	48.3	44.3	41.8	45.5	42.5	30.0
dB (µV/m) 1%	48.1	44.2	27.0	16.0	8.2	5.0	8.5	10.7	8.7	10.0	23.5
dB (µV/m) 50%	42.1	37.7	22.5	10.0	1.2	-0.3	3.7	6.2	2.5	5.5	18.0
Δ f (MHz)	5.670	5.890	5.950	6.550	7.200	7.550	7.900				
PR (dB) 1%	25.5	29.7	31.0	31.0	31.0	19.0	-2.0				
PR (dB) 50%	29.1	29.7	31.0	31.0	31.0	19.0	-2.0				
dB (µV/m) 1%	22.5	18.3	17.0	17.0	17.0	29.0	50.0				
dB (µV/m) 50%	18.9	18.3	17.0	17.0	17.0	29.0	50.0				

B/PAL with two FM sound sub-carriers (Band I)			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
TB	48.0	10.0	

Δ f (MHz)	-1.900	-1.000	0.000	1.000	2.000	3.000	4.000	5.000	5.200	5.740	6.440
PR (dB) 1%	-1.5	30.0	42.0	42.0	37.0	32.0	39.0	39.0	30.5	32.0	30.0
PR (dB) 50%	1.8	36.0	48.0	48.0	42.0	36.0	45.3	45.3	38.3	40.0	38.0
dB (µV/m) 1%	49.5	18.0	6.0	6.0	11.0	16.0	9.0	9.0	17.5	16.0	18.0
dB (µV/m) 50%	46.2	12.0	0.0	0.0	6.0	12.0	2.7	2.7	9.7	8.0	10.0
Δ f (MHz)	6.490	6.740	7.240								
PR (dB) 1%	27.0	1.0	0.2								
PR (dB) 50%	35.0	9.0	7.7								
dB (µV/m) 1%	21.0	47.0	47.8								
dB (µV/m) 50%	13.0	39.0	40.3								

D/SECAM (Band I). Sound-to- vision power ratio is -10 dB as requested by Hungary and Poland			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
TC	48.0	10.0	

Δ f (MHz)	-2.350	-2.000	-1.500	-1.000	-0.500	0.000	0.500	1.000	1.500	2.000	2.500
PR (dB) 1%	-0.1	8.6	18.0	29.8	36.5	42.3	42.0	42.1	40.8	37.7	33.6
PR (dB) 50%	9.9	18.6	28.0	36.8	43.5	49.3	49.0	49.1	47.8	44.7	40.6
dB (µV/m) 1%	48.1	39.4	30.0	18.2	11.5	5.7	6.0	5.9	7.2	10.3	14.4
dB (µV/m) 50%	38.1	29.4	20.0	11.2	4.5	-1.3	-1.0	-1.1	0.2	3.3	7.4
Δ f (MHz)	3.000	3.500	4.000	4.500	5.000	5.500	5.850	6.000	6.500	7.200	7.250
PR (dB) 1%	31.6	33.7	38.1	38.6	37.2	28.5	20.2	20.7	22.0	20.0	17.0
PR (dB) 50%	38.6	40.7	45.1	45.6	44.2	35.5	28.1	28.6	30.0	28.0	25.0
dB (µV/m) 1%	16.4	14.3	9.9	9.4	10.8	19.5	27.8	27.3	26.0	28.0	31.0
dB (µV/m) 50%	9.4	7.3	2.9	2.4	3.8	12.5	19.9	19.4	18.0	20.0	23.0
Δ f (MHz)	7.430										
PR (dB) 1%	0.6										
PR (dB) 50%	10.0										
dB (µV/m) 1%	47.4										
dB (µV/m) 50%	38.0										

L/SECAM (Band I)			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
TD	48.0	10.0	

Δ f (MHz)	-2.400	-2.000	-1.000	0.000	1.000	2.000	3.000	4.000	5.000	5.500	5.750
PR (dB) 1%	0.0	6.0	28.0	38.0	39.0	35.0	32.0	34.0	33.0	32.0	42.0
PR (dB) 50%	7.0	13.0	32.0	42.0	44.0	39.0	36.0	38.0	37.0	34.0	50.0
dB (µV/m) 1%	48.0	42.0	20.0	10.0	9.0	13.0	16.0	14.0	15.0	16.0	6.0
dB (µV/m) 50%	41.0	35.0	16.0	6.0	4.0	9.0	12.0	10.0	11.0	14.0	-2.0
Δ f (MHz)	6.000	7.000	7.250	7.900							
PR (dB) 1%	42.0	42.0	42.0	0.0							
PR (dB) 50%	50.0	50.0	50.0	8.0							
dB (µV/m) 1%	6.0	6.0	6.0	48.0							
dB (µV/m) 50%	-2.0	-2.0	-2.0	40.0							

B/SECAM (Band I). B/PAL data used

Service identifier	Field strength to be protected in dB(µV/m)	Receiver height (m)	Separation distance (m)
TE	48.0	10.0	

Δ f (MHz)	-1.900	-1.000	0.000	1.000	2.000	3.000	4.000	5.000	5.200	5.740	6.440
PR (dB) 1%	-1.5	30.0	42.0	42.0	37.0	32.0	39.0	39.0	30.5	32.0	30.0
PR (dB) 50%	1.8	36.0	48.0	48.0	42.0	36.0	45.3	45.3	38.3	40.0	38.0
dB (µV/m) 1%	49.5	18.0	6.0	6.0	11.0	16.0	9.0	9.0	17.5	16.0	18.0
dB (µV/m) 50%	46.2	12.0	0.0	0.0	6.0	12.0	2.7	2.7	9.7	8.0	10.0
Δ f (MHz)	6.490	6.740	7.240								
PR (dB) 1%	27.0	1.0	0.2								
PR (dB) 50%	35.0	9.0	7.7								
dB (µV/m) 1%	21.0	47.0	47.8								
dB (µV/m) 50%	13.0	39.0	40.3								

D/PAL (Band I)			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
TF	48.0	10.0	

Δ f (MHz)	-2.350	-2.000	-1.500	-1.000	-0.500	0.000	0.500	1.000	1.500	2.000	2.500
PR (dB) 1%	-0.1	8.6	18.0	29.8	36.5	42.3	42.0	42.1	40.8	37.7	33.6
PR (dB) 50%	9.9	18.6	28.0	36.8	43.5	49.3	49.0	49.1	47.8	44.7	40.6
dB (µV/m) 1%	48.1	39.4	30.0	18.2	11.5	5.7	6.0	5.9	7.2	10.3	14.4
dB (µV/m) 50%	38.1	29.4	20.0	11.2	4.5	-1.3	-1.0	-1.1	0.2	3.3	7.4
Δ f (MHz)	3.000	3.500	4.000	4.500	5.000	5.500	5.850	6.000	6.500	7.200	7.250
PR (dB) 1%	31.6	33.7	38.1	38.6	37.2	28.5	20.2	20.7	22.0	20.0	17.0
PR (dB) 50%	38.6	40.7	45.1	45.6	44.2	35.5	28.1	28.6	30.0	28.0	25.0
dB (µV/m) 1%	16.4	14.3	9.9	9.4	10.8	19.5	27.8	27.3	26.0	28.0	31.0
dB (µV/m) 50%	9.4	7.3	2.9	2.4	3.8	12.5	19.9	19.4	18.0	20.0	23.0
Δ f (MHz)	7.430										
PR (dB) 1%	0.6										
PR (dB) 50%	10.0										
dB (µV/m) 1%	47.4										
dB (µV/m) 50%	38.0										

B/PAL (FM+Nicam) (Band I)			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
TG	48.0	10.0	

Δ f (MHz)	-1.900	-1.000	0.000	1.000	2.000	3.000	4.000	5.000	5.200	5.300	5.500
PR (dB) 1%	-1.5	30.0	42.0	42.0	37.0	32.0	39.0	39.0	31.0	31.0	31.0
PR (dB) 50%	1.8	36.0	48.0	48.0	42.0	36.0	45.3	45.3	36.8	32.6	33.0
dB (µV/m) 1%	49.5	18.0	6.0	6.0	11.0	16.0	9.0	9.0	17.0	17.0	17.0
dB (µV/m) 50%	46.2	12.0	0.0	0.0	6.0	12.0	2.7	2.7	11.2	15.4	15.0
Δ f (MHz)	6.200	6.450	6.850	7.250							
PR (dB) 1%	31.0	31.0	19.0	-5.0							
PR (dB) 50%	31.0	31.0	19.0	-5.0							
dB (µV/m) 1%	17.0	17.0	29.0	53.0							
dB (µV/m) 50%	17.0	17.0	29.0	53.0							

I/PAL (Band III)			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
T1	55.0	10.0	

Δ f (MHz)	-2.500	-2.000	-1.500	-1.000	0.000	1.000	2.000	3.000	4.000	5.000	5.630
PR (dB) 1%	-0.1	3.8	21.0	32.0	39.8	43.0	39.5	37.3	39.3	38.0	24.5
PR (dB) 50%	5.9	10.3	25.5	38.0	46.8	48.3	44.3	41.8	45.5	42.5	30.0
dB (µV/m) 1%	55.1	51.2	34.0	23.0	15.2	12.0	15.5	17.7	15.7	17.0	30.5
dB (µV/m) 50%	49.1	44.7	29.5	17.0	8.2	6.7	10.7	13.2	9.5	12.5	25.0
Δ f (MHz)	5.670	5.890	5.950	6.550	7.200	7.550	7.900				
PR (dB) 1%	25.5	29.7	31.0	31.0	31.0	19.0	-2.0				
PR (dB) 50%	29.1	29.7	31.0	31.0	31.0	19.0	-2.0				
dB (µV/m) 1%	29.5	25.3	24.0	24.0	24.0	36.0	57.0				
dB (µV/m) 50%	25.9	25.3	24.0	24.0	24.0	36.0	57.0				

B/PAL with two FM sound sub-carriers (Band III)			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
T2	55.0	10.0	

Δ f (MHz)	-1.900	-1.000	0.000	1.000	2.000	3.000	4.000	5.000	5.200	5.740	6.440
PR (dB) 1%	-1.5	30.0	42.0	42.0	37.0	32.0	39.0	39.0	30.5	32.0	30.0
PR (dB) 50%	1.8	36.0	48.0	48.0	42.0	36.0	45.3	45.3	38.3	40.0	38.0
dB (µV/m) 1%	56.5	25.0	13.0	13.0	18.0	23.0	16.0	16.0	24.5	23.0	25.0
dB (µV/m) 50%	53.2	19.0	7.0	7.0	13.0	19.0	9.7	9.7	16.7	15.0	17.0
Δ f (MHz)	6.490	6.740	7.240								
PR (dB) 1%	27.0	1.0	0.2								
PR (dB) 50%	35.0	9.0	7.7								
dB (µV/m) 1%	28.0	54.0	54.8								
dB (µV/m) 50%	20.0	46.0	47.3								

D/SECAM (Band III). Sound-to-vision power ratio is -10 dB as requested by Hungary and Poland			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
T3	55.0	10.0	

Δ f (MHz)	-2.350	-2.000	-1.500	-1.000	-0.500	0.000	0.500	1.000	1.500	2.000	2.500
PR (dB) 1%	-0.1	8.6	18.0	29.8	36.5	42.3	42.0	42.1	40.8	37.7	33.6
PR (dB) 50%	9.9	18.6	28.0	36.8	43.5	49.3	49.0	49.1	47.8	44.7	40.6
dB (µV/m) 1%	55.1	46.4	37.0	25.2	18.5	12.7	13.0	12.9	14.2	17.3	21.4
dB (µV/m) 50%	45.1	36.4	27.0	18.2	11.5	5.7	6.0	5.9	7.2	10.3	14.4
Δ f (MHz)	3.000	3.500	4.000	4.500	5.000	5.500	5.850	6.000	6.500	7.200	7.250
PR (dB) 1%	31.6	33.7	38.1	38.6	37.2	28.5	20.2	20.7	22.0	20.0	17.0
PR (dB) 50%	38.6	40.7	45.1	45.6	44.2	35.5	28.1	28.6	30.0	28.0	25.0
dB (µV/m) 1%	23.4	21.3	16.9	16.4	17.8	26.5	34.8	34.3	33.0	35.0	38.0
dB (µV/m) 50%	16.4	14.3	9.9	9.4	10.8	19.5	26.9	26.4	25.0	27.0	30.0
Δ f (MHz)	7.430										
PR (dB) 1%	0.6										
PR (dB) 50%	10.0										
dB (µV/m) 1%	54.4										
dB (µV/m) 50%	45.0										

L/SECAM (Band III)			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
T4	55.0	10.0	

Δ f (MHz)	-2.400	-2.000	-1.000	0.000	1.000	2.000	3.000	4.000	5.000	5.500	5.750
PR (dB) 1%	0.0	6.0	28.0	38.0	39.0	35.0	32.0	34.0	33.0	32.0	42.0
PR (dB) 50%	7.0	13.0	32.0	42.0	44.0	39.0	36.0	38.0	37.0	34.0	50.0
dB (µV/m) 1%	55.0	49.0	27.0	17.0	16.0	20.0	23.0	21.0	22.0	23.0	13.0
dB (µV/m) 50%	48.0	42.0	23.0	13.0	11.0	16.0	19.0	17.0	18.0	21.0	5.0
Δ f (MHz)	6.000	7.000	7.250	7.900							
PR (dB) 1%	42.0	42.0	42.0	0.0							
PR (dB) 50%	50.0	50.0	50.0	8.0							
dB (µV/m) 1%	13.0	13.0	13.0	55.0							
dB (µV/m) 50%	5.0	5.0	5.0	47.0							

B/SECAM (Band III). B/PAL data used			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
T5	55.0	10.0	

Δ f (MHz)	-1.900	-1.000	0.000	1.000	2.000	3.000	4.000	5.000	5.200	5.740	6.440
PR (dB) 1%	-1.5	30.0	42.0	42.0	37.0	32.0	39.0	39.0	30.5	32.0	30.0
PR (dB) 50%	1.8	36.0	48.0	48.0	42.0	36.0	45.3	45.3	38.3	40.0	38.0
dB (µV/m) 1%	56.5	25.0	13.0	13.0	18.0	23.0	16.0	16.0	24.5	23.0	25.0
dB (µV/m) 50%	53.2	19.0	7.0	7.0	13.0	19.0	9.7	9.7	16.7	15.0	17.0
Δ f (MHz)	6.490	6.740	7.240								
PR (dB) 1%	27.0	1.0	0.2								
PR (dB) 50%	35.0	9.0	7.7								
dB (µV/m) 1%	28.0	54.0	54.8								

dB (µV/m) 50%	20.0	46.0	47.3								

D/PAL (Band III)			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
T6	55.0	10.0	

Δ f (MHz)	-2.350	-2.000	-1.500	-1.000	-0.500	0.000	0.500	1.000	1.500	2.000	2.500
PR (dB) 1%	-0.1	8.6	18.0	29.8	36.5	42.3	42.0	42.1	40.8	37.7	33.6
PR (dB) 50%	9.9	18.6	28.0	36.8	43.5	49.3	49.0	49.1	47.8	44.7	40.6
dB (µV/m) 1%	55.1	46.4	37.0	25.2	18.5	12.7	13.0	12.9	14.2	17.3	21.4
dB (µV/m) 50%	45.1	36.4	27.0	18.2	11.5	5.7	6.0	5.9	7.2	10.3	14.4
Δ f (MHz)	3.000	3.500	4.000	4.500	5.000	5.500	5.850	6.000	6.500	7.200	7.250
PR (dB) 1%	31.6	33.7	38.1	38.6	37.2	28.5	20.2	20.7	22.0	20.0	17.0
PR (dB) 50%	38.6	40.7	45.1	45.6	44.2	35.5	28.1	28.6	30.0	28.0	25.0
dB (µV/m) 1%	23.4	21.3	16.9	16.4	17.8	26.5	34.8	34.3	33.0	35.0	38.0
dB (µV/m) 50%	16.4	14.3	9.9	9.4	10.8	19.5	26.9	26.4	25.0	27.0	30.0
Δ f (MHz)	7.430										
PR (dB) 1%	0.6										
PR (dB) 50%	10.0										
dB (µV/m) 1%	54.4										
dB (µV/m) 50%	45.0										

B/PAL (FM+Nicam) (Band III)			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
T7	55.0	10.0	

Δ f (MHz)	-1.900	-1.000	0.000	1.000	2.000	3.000	4.000	5.000	5.200	5.300	5.500
PR (dB) 1%	-1.5	30.0	42.0	42.0	37.0	32.0	39.0	39.0	31.0	31.0	31.0
PR (dB) 50%	1.8	36.0	48.0	48.0	42.0	36.0	45.3	45.3	36.8	32.6	33.0
dB (µV/m) 1%	56.5	25.0	13.0	13.0	18.0	23.0	16.0	16.0	24.0	24.0	24.0
dB (µV/m) 50%	53.2	19.0	7.0	7.0	13.0	19.0	9.7	9.7	18.2	22.4	22.0
Δ f (MHz)	6.200	6.450	6.850	7.250							
PR (dB) 1%	31.0	31.0	19.0	-5.0							
PR (dB) 50%	31.0	31.0	19.0	-5.0							
dB (µV/m) 1%	24.0	24.0	36.0	60.0							
dB (µV/m) 50%	24.0	24.0	36.0	60.0							

PMR (5 kHz channel spacing)			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
XA	15.0	10.0	

Δ f (MHz)	-0.920	-0.870	-0.820	-0.795	-0.782	-0.770	0.000	0.770	0.782	0.795	0.820
PR (dB) 1%	-58.0	-49.0	-41.0	-37.0	-34.0	-14.0	-12.0	-14.0	-34.0	-37.0	-41.0
dB (µV/m) 1%	73.0	64.0	56.0	52.0	49.0	29.0	27.0	29.0	49.0	52.0	56.0
Δ f (MHz)	0.870	0.920									
PR (dB) 1%	-49.0	-58.0									
dB (µV/m) 1%	64.0	73.0									

Finnish Alarm System. Frequency range 230 to 231 MHz (Block 13A)			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
XB	37.0	10.0	

Δ f (MHz)	-0.600	-0.500	0.000	0.500	0.600						
PR (dB) 1%	-60.0	10.0	10.0	10.0	-60.0						
dB (µV/m) 1%	97.0	27.0	27.0	27.0	97.0						

Military air-ground-air system based on aeronautical blocks. No information (-60 dB)			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
XE	0.0	0.0	

Δ f (MHz)	-0.100	0.000	0.100								

PR (dB) 1%	-60.0	-60.0	-60.0								
dB (μV/m) 1%	60.0	60.0	60.0								

Radio microphones (VHF). S1 (WB FM mono) data used			
Service identifier	**Field strength to be protected in dB(μV/m)**	**Receiver height (m)**	**Separation distance (m)**
XM	48.0	10.0	

Δ f (MHz)	-1.000	-0.900	-0.800	0.000	0.800	0.900	1.000				
PR (dB) 1%	-22.0	-16.0	18.0	18.0	18.0	-16.0	-22.0				
dB (μV/m) 1%	70.0	64.0	30.0	30.0	30.0	64.0	70.0				

Audio link (F)			
Service identifier	**Field strength to be protected in dB(μV/m)**	**Receiver height (m)**	**Separation distance (m)**
YA	29.0	10.0	

Δ f (MHz)	-0.900	-0.800	-0.700	0.000	0.700	0.800	0.900				
PR (dB) 1%	-60.0	-6.0	30.0	30.0	30.0	-6.0	-60.0				
dB (μV/m) 1%	89.0	35.0	-1.0	-1.0	-1.0	35.0	89.0				

Video link (F)			
Service identifier	**Field strength to be protected in dB(μV/m)**	**Receiver height (m)**	**Separation distance (m)**
YB	29.0	500.0	

Δ f (MHz)	-13.000	-12.000	0.000	12.000	13.000						
PR (dB) 1%	-46.0	20.0	20.0	20.0	-46.0						
dB (μV/m) 1%	75.0	9.0	9.0	9.0	75.0						

Air-ground-air system 1 (F)			
Service identifier	**Field strength to be protected in dB(μV/m)**	**Receiver height (m)**	**Separation distance (m)**
YC	10.0	10000.0	1000.0

Δ f (MHz)	-1.750	-0.970	-0.930	-0.770	0.770	0.930	0.970	1.750			
PR (dB) 1%	-84.0	-49.0	-40.0	-4.0	-4.0	-40.0	-49.0	-84.0			
dB (μV/m) 1%	94.0	59.0	50.0	14.0	14.0	50.0	59.0	94.0			

Air-ground-air system 2 (F)			
Service identifier	**Field strength to be protected in dB(μV/m)**	**Receiver height (m)**	**Separation distance (m)**
YD	10.0	10000.0	1000.0

Δ f (MHz)	-1.75	-0.970	-0.930	-0.770	0.770	0.930	0.970	1.750			
PR (dB) 1%	-84.	-49.0	-40.0	-4.0	-4.0	-40.0	-49.0	-84.0			
dB (μV/m) 1%	94.0	59.0	50.0	14.0	14.0	50.0	59.0	94.0			

Navy channels (F)			
Service identifier	**Field strength to be protected in dB(μV/m)**	**Receiver height (m)**	**Separation distance (m)**
YE	10.0	10000.0	1000.0

Δ f (MHz)	-1.75	-0.970	-0.930	-0.770	0.770	0.930	0.970	1.750			
PR (dB) 1%	-84.0	-49.0	-40.0	-4.0	-4.0	-40.0	-49.0	-84.0			
dB (μV/m) 1%	94.0	59.0	50.0	14.0	14.0	50.0	59.0	94.0			

Military Mobile and Fixed (tactical) services. Tactical link (F)			
Service identifier	**Field strength to be protected in dB(μV/m)**	**Receiver height (m)**	**Separation distance (m)**
YF	20.0	10.0	

Δ f (MHz)	-2.000	-1.000	0.000	1.000	2.000						
PR (dB) 1%	-5.0	15.0	25.0	15.0	-5.0						

dB (µV/m) 1%	25.0	5.0	-5.0	5.0	25.0						

Safety and distress (F)			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
YG	16.0	10000.0	1000.0

Δ f (MHz)	-0.800	-0.600	-0.400	-0.200	0.000	0.200	0.400	0.600	0.800		
PR (dB) 1%	-6.6	2.7	3.2	4.1	6.5	4.1	3.2	2.7	-6.6		
dB (µV/m) 1%	22.6	13.3	12.8	11.9	9.5	11.9	12.8	13.3	22.6		

Audio link (F)			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
YH	29.0	5000.0	

Δ f (MHz)	-0.900	-0.800	-0.700	0.700	0.800	0.900					
PR (dB) 1%	-60.0	-6.0	30.0	30.0	-6.0	-60.0					
dB (µV/m) 1%	89.0	35.0	-1.0	-1.0	35.0	89.0					

Telemetry as air-ground-air system 1 (F) YC			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
YT	10.0	10000.0	1000.0

Δ f (MHz)	-1.10	-0.970	-0.930	-0.770	0.770	0.930	0.970	1.100			
PR (dB) 1%	-60.0	-49.0	-40.0	-4.0	-4.0	-40.0	-49.0	-60.0			
dB (µV/m) 1%	70.0	59.0	50.0	14.0	14.0	50.0	59.0	70.0			

Telemetry as air-ground-air system 1 (F) YC			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
YW	10.0	10000.0	1000.0

Δ f (MHz)	-1.100	-0.970	-0.930	-0.770	0.770	0.930	0.970	1.100			
PR (dB) 1%	-60.0	-49.0	-40.0	-4.0	-4.0	-40.0	-49.0	-60.0			
dB (µV/m) 1%	70.0	59.0	50.0	14.0	14.0	50.0	59.0	70.0			

L/SECAM			
Service identifier	**Field strength to be protected in dB(µV/m)**	**Receiver height (m)**	**Separation distance (m)**
YX	55.0	10.0	

Δ f (MHz)	-2.400	-2.000	-1.000	0.000	1.000	2.000	3.000	4.000	5.000	5.500	5.750
PR (dB) 1%	0.0	6.0	28.0	38.0	39.0	35.0	32.0	34.0	33.0	32.0	42.0
PR (dB) 50%	7.0	13.0	32.0	42.0	44.0	39.0	36.0	38.0	37.0	34.0	50.0
dB (µV/m) 1%	55.0	49.0	27.0	17.0	16.0	20.0	23.0	21.0	22.0	23.0	13.0
dB (µV/m) 50%	48.0	42.0	23.0	13.0	11.0	16.0	19.0	17.0	18.0	21.0	5.0
Δ f (MHz)	6.000	7.000	7.250	7.500	7.900						
PR (dB) 1%	42.0	42.0	42.0	12.0	0.0						
PR (dB) 50%	50.0	50.0	50.0	20.0	8.0						
dB (µV/m) 1%	13.0	13.0	13.0	43.0	55.0						
dB (µV/m) 50%	5.0	5.0	5.0	35.0	47.0						

Where no information concerning protection ratios for other services suffering interference from T-DAB has been supplied to the Planning Meeting, the administrations concerned should develop appropriate sharing criteria by mutual agreement. When available one could use the relevant ITU-R Recommendations or ECC and ERC Decisions and Recommendations,.

5. T-DAB REFERENCE NETWORK

The principles adopted by the CEPT for the introduction of T-DAB allow a reasonable compromise between the density of the transmitters required to support the desired coverage for mobile reception and the potential to re-use the same frequency block with another programme content in other areas.

5.1 Definitions

The **reference point** is the point on the boundary of a Reference Network from which outgoing interference is calculated, see also Figure 4. Incoming interference is calculated at the same point.

In the following text, two distances are defined; see also Figure 3 .

i) The **separation distance** is the distance required between the borders (or peripheries) of two coverage areas served by either T-DAB services or by two different services. There will often be two separation distances, one for each service, because of different field strengths to be protected or because of different protection ratios for the two services. In such cases the longer of these two distances shall be used.

ii) The **transmitter distance** is the distance between adjacent transmitter sites in an SFN.

5.2 T-DAB transmitter network structures

T-DAB networks consist of one of three basic models or combinations thereof:

i) a single transmitter;

ii) a single frequency network (SFN) using non-directional transmitting antennas, also referred to as an "open network";

iii) an SFN using directional transmitting antennas along the periphery of the coverage area, also referred to as a "closed network".

5.3 T-DAB reference single frequency network

5.3.1 Reference network for T-DAB planning

A reference network is a tool for developing appropriate values for separation distances and for estimating how much interference a typical SFN might produce at a given distance.

In interfering field strength calculations the power sum method is used. In the case of mixed land-sea paths, field strengths are first calculated individually for an all-land path and an all-sea path, each of the same distance as the mixed path concerned. A linear interpolation is then performed between the field strengths for all-land and all-sea paths at the required distance from the border of the SFN according to the following formula:

$$E_M = E_L + \frac{d_S}{d_T}(E_S - E_L)$$

where

E_M = field strength for a mixed land-sea path

E_L = field strength for an all-land path
E_S = field strength for an all-sea path
d_S = length of the sea path
d_T = length of the total path.

All field strengths are in dB(μV/m).

In all-sea path calculations it is assumed that the network and its coverage area are on land and that the sea starts from the edge of the coverage area. For land paths a terrain roughness figure Δh of 50 metres is assumed.

5.3.2 Reference network structure

The reference network (V-RN1) used for the frequency allotment process is defined as follows (see also Figure 4):

- Hexagonal structure: Closed
- Transmitter distance: 60 km
- Transmitting antenna height: 150 m
- Central transmitter e.r.p: 100 W (Band III), 10 W (Band I)
- Radiation pattern of the central transmitter: Omni-directional
- Peripheral transmitter e.r.p: 1 kW (Band III), 100 W (Band I)
- Radiation pattern of peripheral transmitters: See Figure 5
- Main lobe of directional antennas: In the direction of the central transmitter

When using the field strength prediction method described in the Appendix to this Annex, the reference network produces the required coverage inside the network. The effective wanted field strength on the border of the reference network is about 3 dB higher than the minimum field strength for planning. This makes it possible to allow 3 dB more interference at the edge of the network.

Thus the maximum interfering field strength from another co-channel T-DAB service on the border of the reference network is:

$$E_I^{Max} = E_W^{Min} - PR - PC + 3$$

where

E_I^{Max} = maximum interfering field strength on the border of the reference network
E_W^{Min} = minimum median wanted field strength for planning
PR = protection ratio, in this case 10 dB
PC = propagation correction 18 dB (50% to 99% locations correction factor).

The additional 3 dB margin is not allowed for the other services because during the frequency block allotment procedure each source of interference is considered separately and their power sum is not calculated.

Thus the maximum interfering field strength from any other service on the border of the reference network is:

$$E_I^{Max} = E_W^{Min} - PR - PC$$

where

E_I^{Max} = maximum interfering field strength on the border of the reference network
E_W^{Min} = minimum median wanted field strength for planning
PR = protection ratio, depending on service under consideration
PC = propagation correction 18 dB.

The interfering field strengths for land, cold sea and warm sea paths produced by a reference network are shown in Figures 6a, 6b and 6c. Separation distances for Band III are 81, 142 and 173 km for land, cold sea and warm sea paths respectively.

Where the field strength is calculated within 1 km of the transmitter site location, receiving antenna discrimination should not be taken into account.

5.3.3 Nominal transmitter location for the calculation of potential T-DAB interference to the aeronautical mobile service

The centre of the reference network shall be used as the nominal location for the network to calculate interference to an aeronautical reception test point. In this case the power used for calculations is:

23.8 dBW in Band I

33.8 dBW in Band III

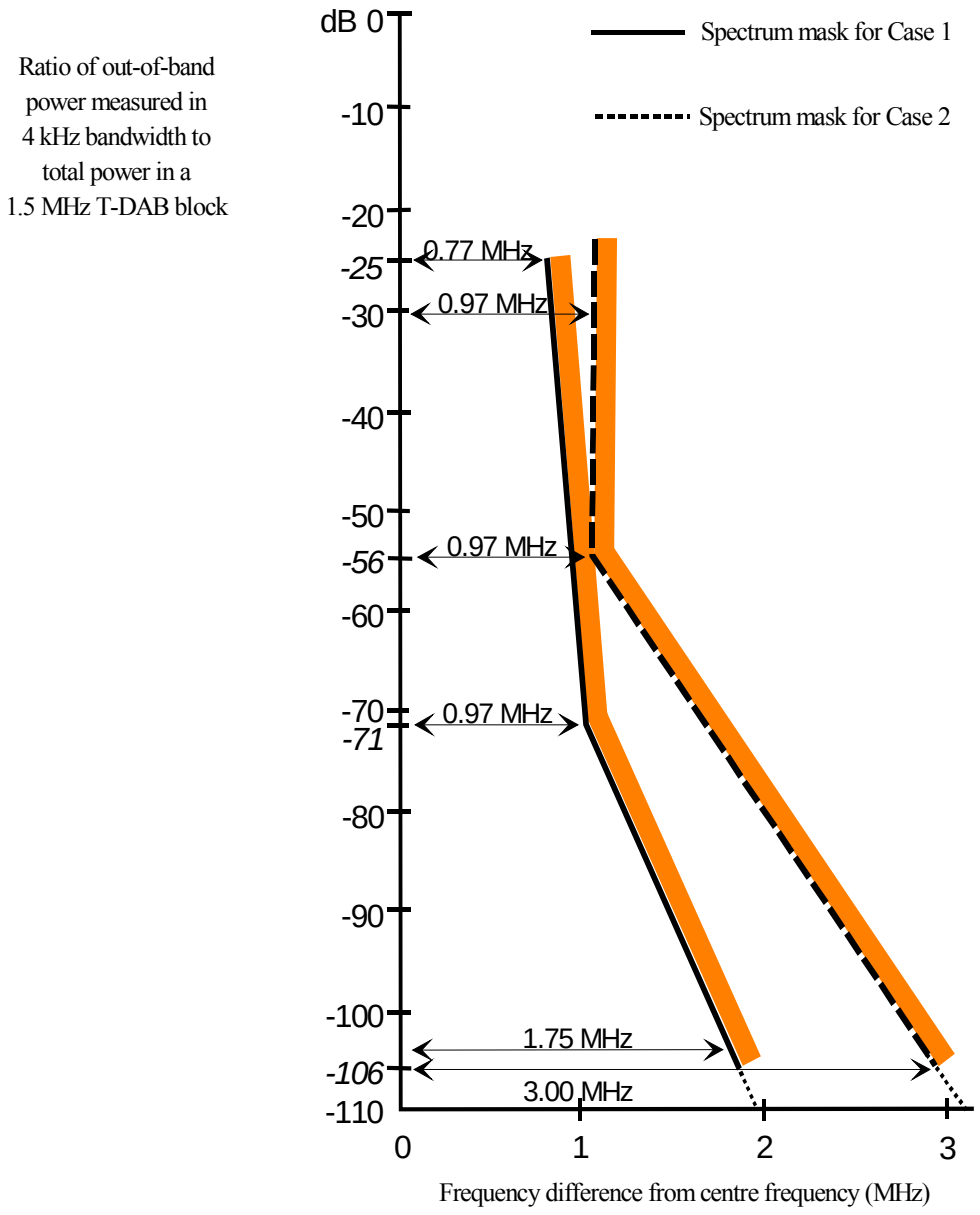


Figure 1: Spectrum masks for T-DAB out-of-band emissions

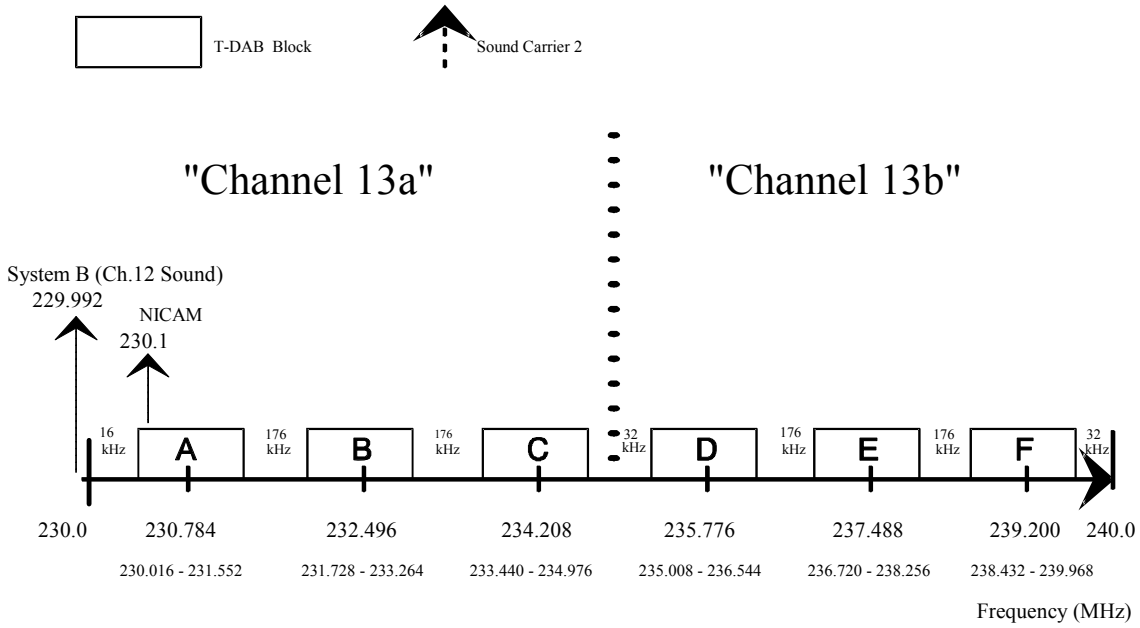


Figure ~~3~~2: Position of T-DAB blocks in Channel 13

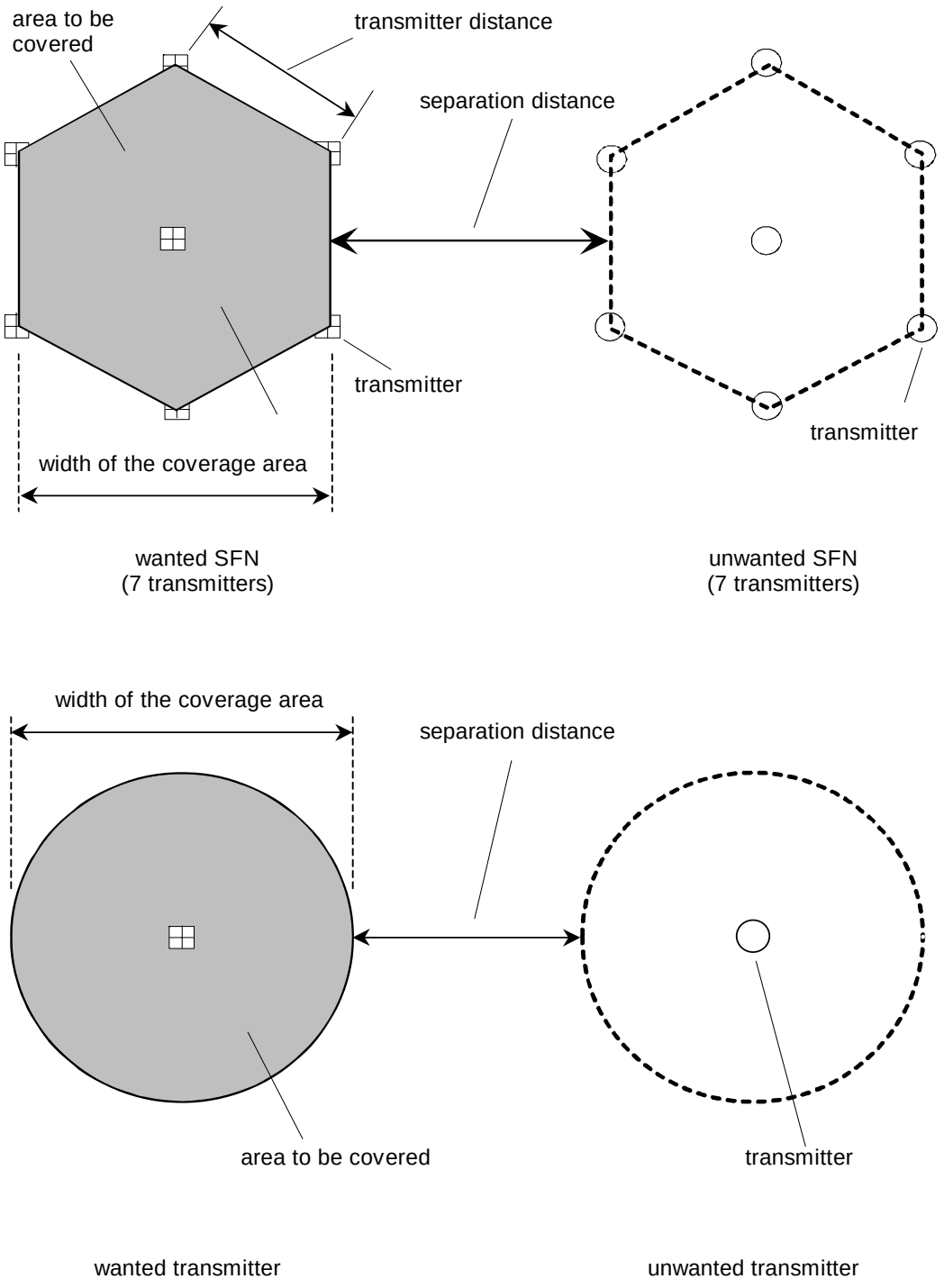


Figure 3: Definition of distances for different network structures (SFN, single transmitter)

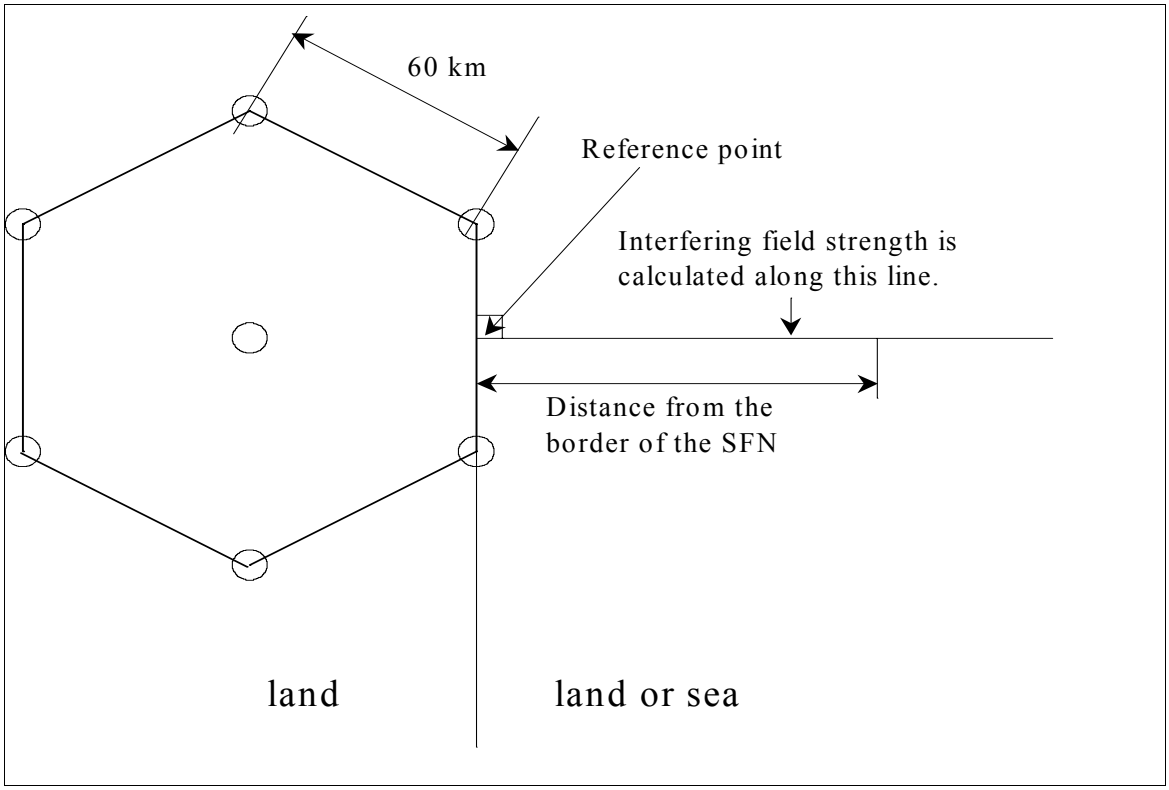


Figure 4: Information related to the interfering field strength calculation for the reference network (V-RN1)

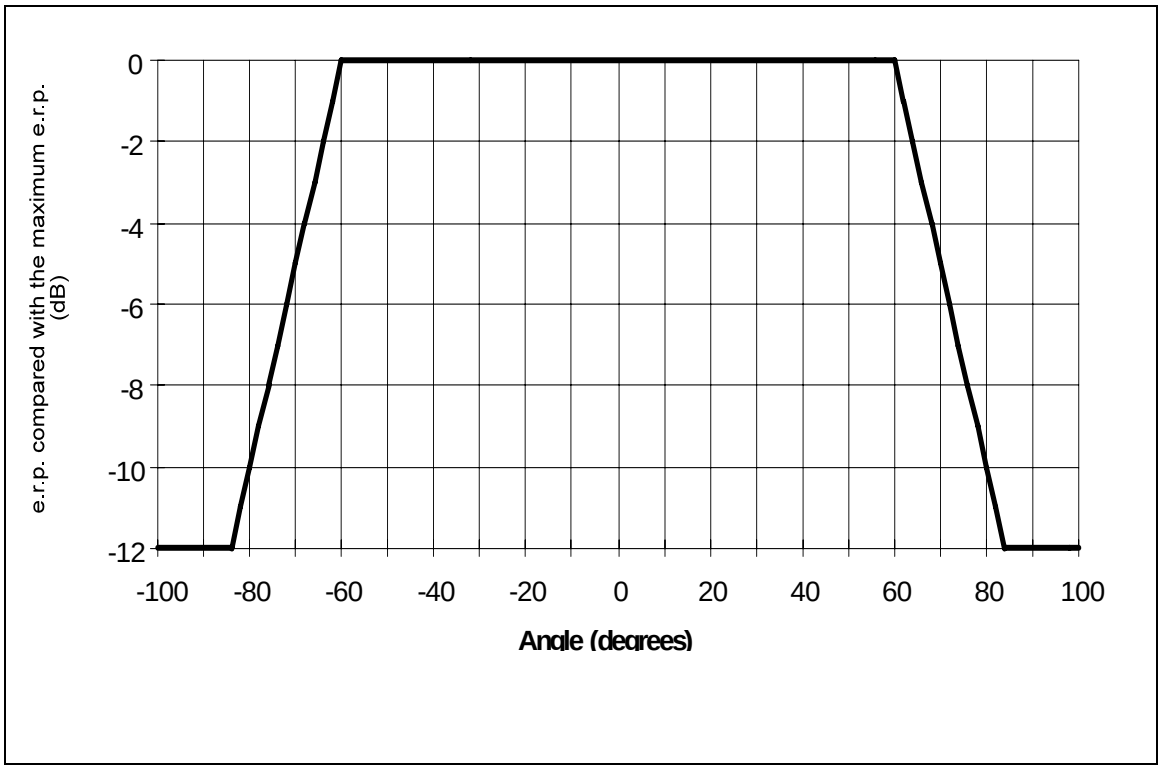


Figure 5: Radiation pattern of the peripheral transmitters

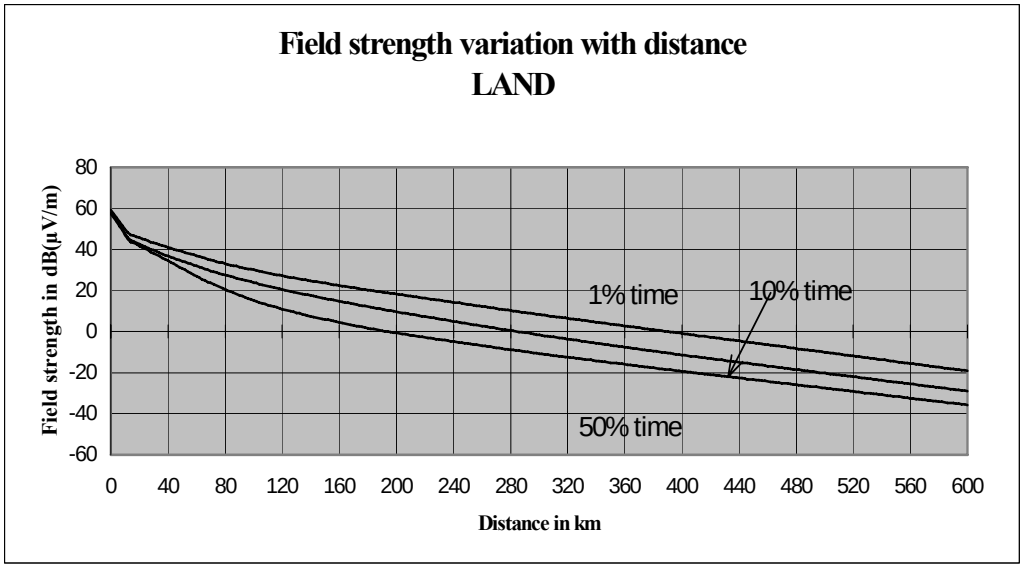


Figure 6a

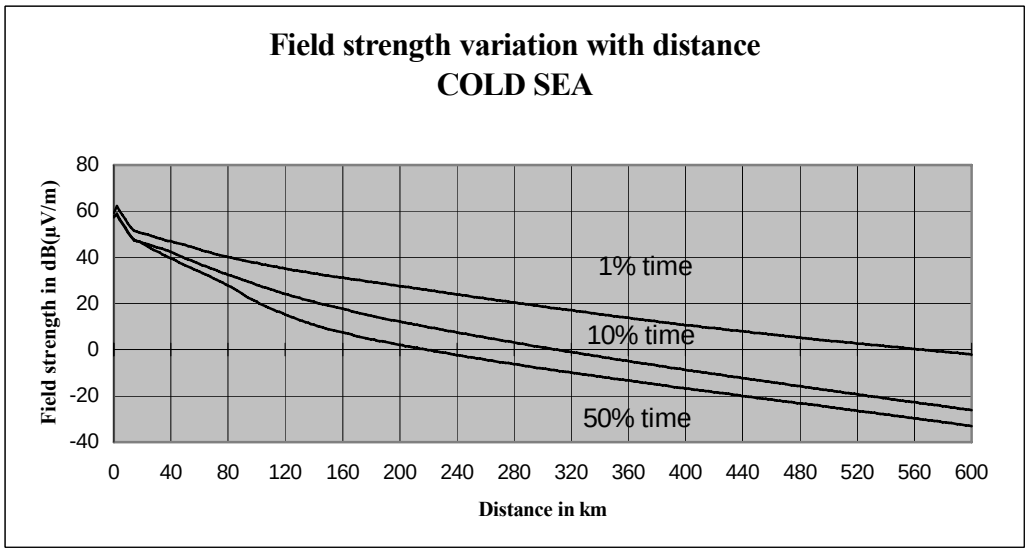


Figure 6b

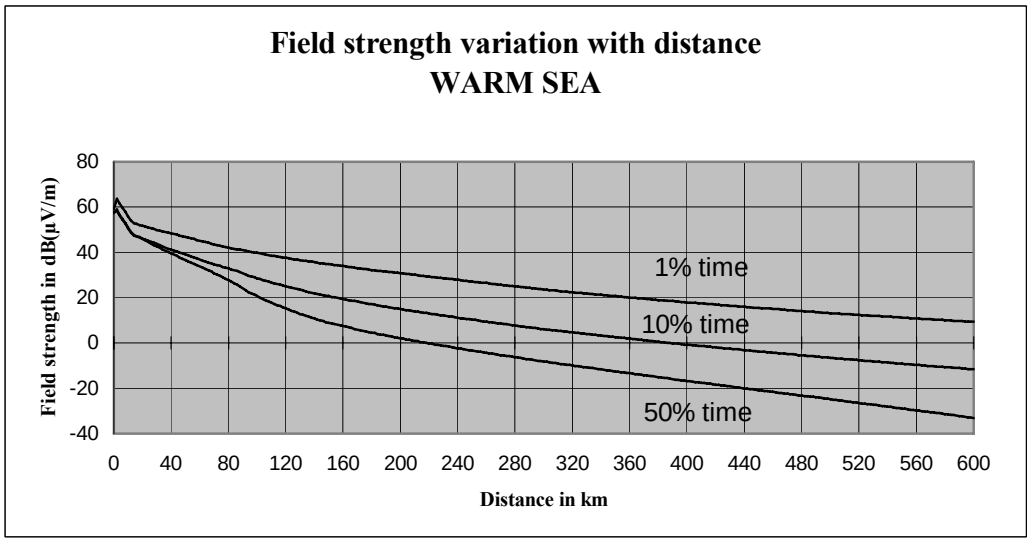


Figure 6c

Figures 6a, 6b, 6c: Interfering field strength produced by the reference network V-RN1

Appendix

VHF PROPAGATION CURVES FOR THE FREQUENCY RANGE FROM 30 MHz TO 250 MHz

(Based on the former Recommendation ITU-R P.370-7)

1 Introduction

1.1 The propagation curves represent field-strength values in the VHF band as a function of various parameters; some curves refer to land paths, others refer to sea paths. The land path curves were prepared from data obtained mainly from temperate climates as encountered in Europe and North America. The sea path curves were prepared from data obtained mainly from the Mediterranean and the North Sea regions.

1.2 The propagation curves represent the field-strength values exceeded at 50% of the locations (within any area of approximately 200 m by 200 m) for different percentages of time. They correspond to different transmitting antenna heights and a receiving antenna height of 10 m. The land path curves refer to a value of Δh=50 m which generally applies to rolling terrain commonly found in Europe and North America.

1.3 The curves in Figs. 1a, 1b, 2a, 2b, 3a and 3b are given for effective transmitting antenna heights between 37.5 m and 1200 m, each value given of the "effective height" being twice that of the previous one. For an other value of effective height, a linear interpolation between the two curves corresponding to the effective heights immediately above and below the actual value shall be used.

1.3.1 For an effective transmitting antenna height, h_1, in the range 0 to 37.5 m, the field strength at a distance x from the transmitter is taken to be that given on the curve for 37.5 m at a distance of $(x + 25 - 4.1\sqrt{h_1})$ km. This procedure is valid for distances beyond the radio horizon given by $(4.1\sqrt{h_1})$ km. Field strength values for shorter distances are obtained by:

– calculating the difference between the field strength value at the radio horizon for height h_1 (using the procedure given above) and the value on the 37.5 m curve for the same distance;

– subtracting the absolute value of the difference thus obtained from the field strength value on the 37.5 m curve for the actual distance involved.

This may be expressed by the following formulae where E (x, h_1) is the field strength (dB(μV/m)) for a distance x (km) and an effective transmitting antenna height h_1 (m):

$$E(x, h_1) = E\left((x + 25 - 4.1\sqrt{h_1}), 37.5\right) \qquad \text{for } x = (4.1\sqrt{h_1})$$

$$E(x, h_1) = E(x, 37.5) - E\left(4.1\sqrt{h_1}, 37.5\right) + E(25, 37.5) \qquad \text{for } x < (4.1\sqrt{h_1})$$

1.3.2 For an effective transmitting antenna height, h_1, greater than 1200 m, the field strength at a distance x from the transmitter is taken to be that given on the curve for 1 200 m

at a distance of $(x + 142 - 4.1\sqrt{h_1})$ km. This procedure is valid for distances beyond the radio horizon, given by $(4.1\sqrt{h_1})$ km. Field strength values for shorter distances are obtained by:

– calculating the difference between the field strength value at the radio horizon for height h_1 (using the procedure given above) and the value on the 1 200 m curve for the same distance;

– adding the absolute value of the difference thus obtained to the field strength value on the 1 200 m curve for the actual distance involved.

This may be expressed as follows:

$$E(x, h_1) = E\left((x + 142 - 4.1\sqrt{h_1}), 1200\right) \qquad \text{for } x = (4.1\sqrt{h_1})$$

$$E(x, h_1) = E(x, 1200) - E\left(4.1\sqrt{h_1}, 1200\right) + E(142, 1200) \qquad \text{for } x < (4.1\sqrt{h_1})$$

This procedure is subject to the limitation that the value obtained does not exceed the free-space value.

1.4 For locations other than 50%, probability distribution curves are presented in Figure 4. For more information on location variability, see section 3.

1.5 Estimates of mixed-path field strengths should be made in accordance with the methods described in section 4.

1.6 The curves in Figures 1a, 1b, 2a, 2b, 3a and 3b are based on long-term values (several years) and may be regarded as representative of the mean climatic conditions prevailing in all the temperate regions. It should be noted, however, that for brief periods of time (e.g. for some hours or even days), field strengths may be obtained which are much higher than those shown by these curves, particularly over relatively flat terrain.

1.7 It is known that the median field strength varies in different climatic regions, and data for a wide range of such conditions in North America and Western Europe show that it is possible to correlate the observed values of median field strength with the refractive index gradient in the first kilometre of the atmosphere above ground level. If n_S and n_1 are the refractive indices at the surface and at a height of 1 km respectively, and if ΔN is defined as $(n_S - n_1)\text{x}10^6$, then in a standard atmosphere, $\Delta N = 40$, the 50% curves refer to this case. If the mean value of ΔN, in a given region, differs appreciably from 40, the appropriate median field strengths for all distances beyond the horizon are obtained by applying a correction factor of 0.5 $(\Delta N - 40)$ dB to the curves. If ΔN is not known, but information concerning the mean value of N_S is available, where $N_S = (n_S - 1)\text{x}10^6$, an alternative correction factor of $0.2(Ns - 310)$ dB may be used, at least for temperate climates. Whilst those corrections have so far only been established for the geographical areas referred to above, they may serve as a guide to the corrections which may be necessary in other geographical areas. The extent to which it is reliable to apply similar corrections to the curves for field strengths exceeded 1% and 10% of the time is not known. It is expected, however, that a large correction will be required for the 1% and 10% values, in regions where super-refraction is prevalent for an appreciable part of the time.

2 Propagation curves

2.1 The curves in Figures 1a and 1b represent field-strength values exceeded at 50% of the locations within any area of approximately 200 m by 200 m and for 50% and 1% of the time for land paths where Δh of 50 m is considered representative. For locations other than 50%, corrections may be obtained from the distribution curve in Figure 4.

2.2 The curves in Figures 2a, 2b, 3a and 3b represent field-strength values exceeded at 50% of the locations for 50% and 1% of the time for sea paths in cold seas and warm seas, the climatic characteristics of those areas being likened to those observed in the North Sea and the Mediterranean, respectively.

2.3 In areas subject to pronounced super-refraction phenomena, account should be taken of the information contained in section 1.7.

2.4 The ionosphere, primarily through the effects of sporadic-E ionisation, can influence propagation in the lower part of the VHF band, particularly at frequencies below about 90 MHz. In some circumstances this mode of propagation may influence the field strength exceeded for small percentages of the time at distances beyond about 500 km, and near the magnetic equator and in the auroral zone higher percentages of the time may be involved. However, these ionospheric effects can usually be ignored in most applications and the propagation curves in Figures 1a, 1b, 2a, 2b, 3a and 3b are based on this assumption.

3 Location variability in area-coverage prediction

Area-coverage prediction methods are intended to provide the statistics of reception conditions over a given area, rather than at any particular point. The interpretation of such statistics will depend on the size of the area considered.
When one terminal of a radio path is stationary, and the other terminal is moved, path loss will vary continuously with location, according to the totality of influences affecting it. It is convenient to classify these influences into three main categories:

– *Multipath variations*
  Signal variations will occur over distances of about a wavelength due to vector addition of signals resulting from multipath effects, e.g. reflections from the ground, buildings, etc.

– *Local ground cover variations*
  Signal variations will occur due to obstruction by ground cover in the local vicinity, e.g. buildings, trees, etc., over distances of about the sizes of such objects. The magnitude of these variations will normally be significantly larger than multipath variations.

– *Path variations*
  Signal variations will also occur due to changes in the geometry of the entire propagation path e.g. the presence of hills, etc. For all except very short paths, the magnitude of these variations will be significantly larger than that of local ground cover variations.

In area-coverage planning, location variability normally refers to the spatial statistics of local ground cover variations, with multipath variations averaged. This approach is useful over distances substantially larger than those over which ground cover variations occur and for which path variations are still insignificant. This may be an impracticable condition for an area over which path geometry is changing rapidly, such as sloping ground.

Location variability is typically quoted for an area of the order of a square of 100-200 m side, sometimes with the additional requirement that the area is flat. The important issue is whether path geometry significantly affects variations over the area concerned.

4 Calculation of mixed paths

When a path includes zones with different propagation characteristics, the following method is to be used:

$$E_{m,t} = \sum_i \frac{d_i}{d_T} E_{i,t}$$

where:

$E_{m,t}$: field strength for mixed path for t% of time

$E_{i,t}$: field strength for path in zone i equal in length to the mixed path for t% of time

d_i : length of path in zone i and

d_T : length of total path.

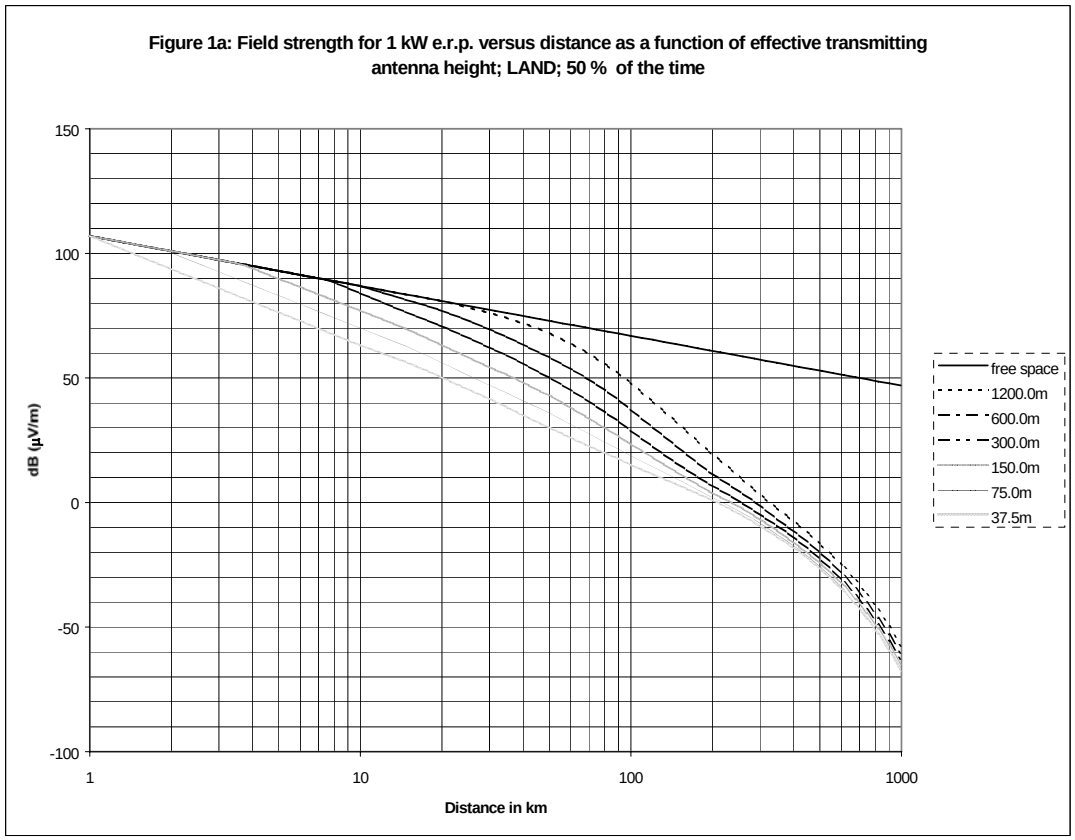


Figure 1b: Field strength for 1 kW e.r.p. versus distance as a function of effective transmitting antenna height; LAND; 1 % of the time

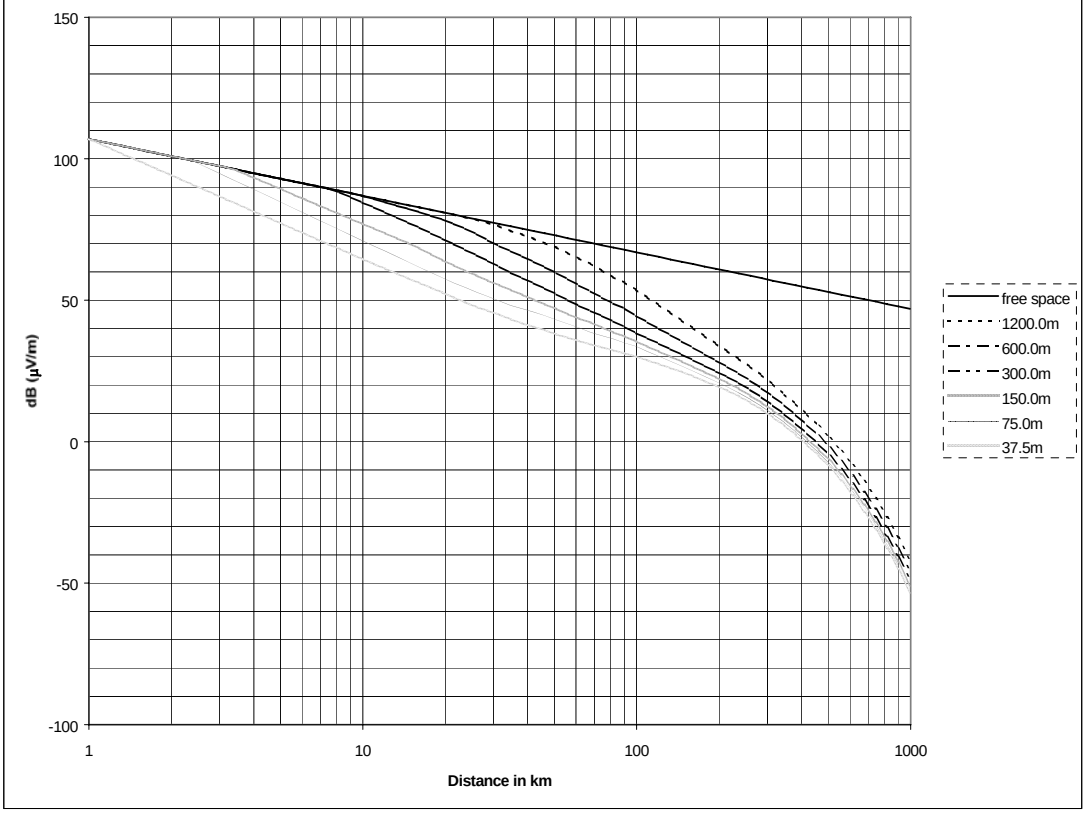


Figure 2a: Field strength for 1 kW e.r.p. versus distance as a function of effective transmitting antenna height; COLD SEA; 50 % of the time

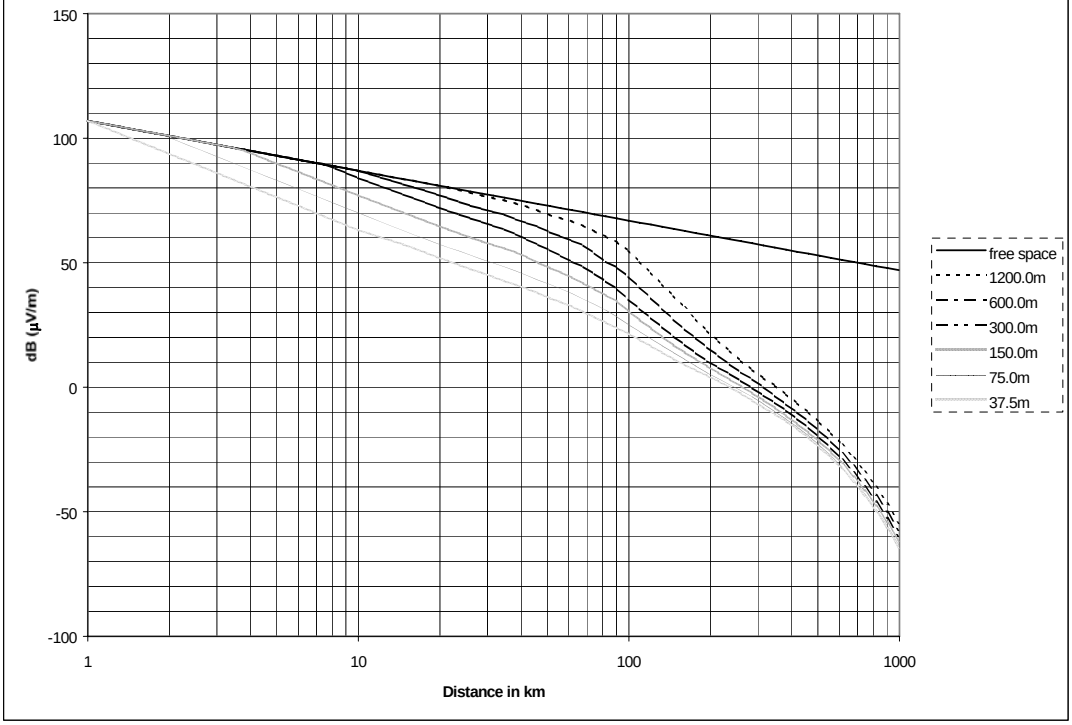


Figure 2b: Field strength for 1 kW e.r.p. versus distance as a function of effective transmitting antenna height; COLD SEA; 1 % of the time

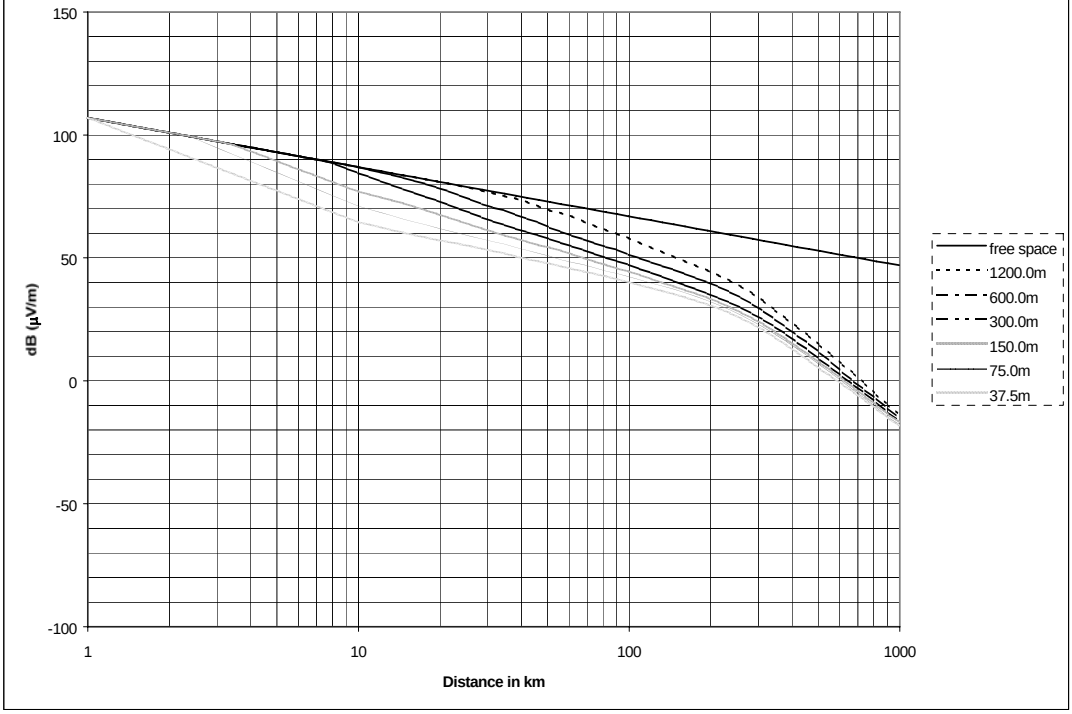


Figure 3a: Field strength for 1 kW e.r.p. versus distance as a function of effective transmitting antenna height; WARM SEA; 50 % of the time

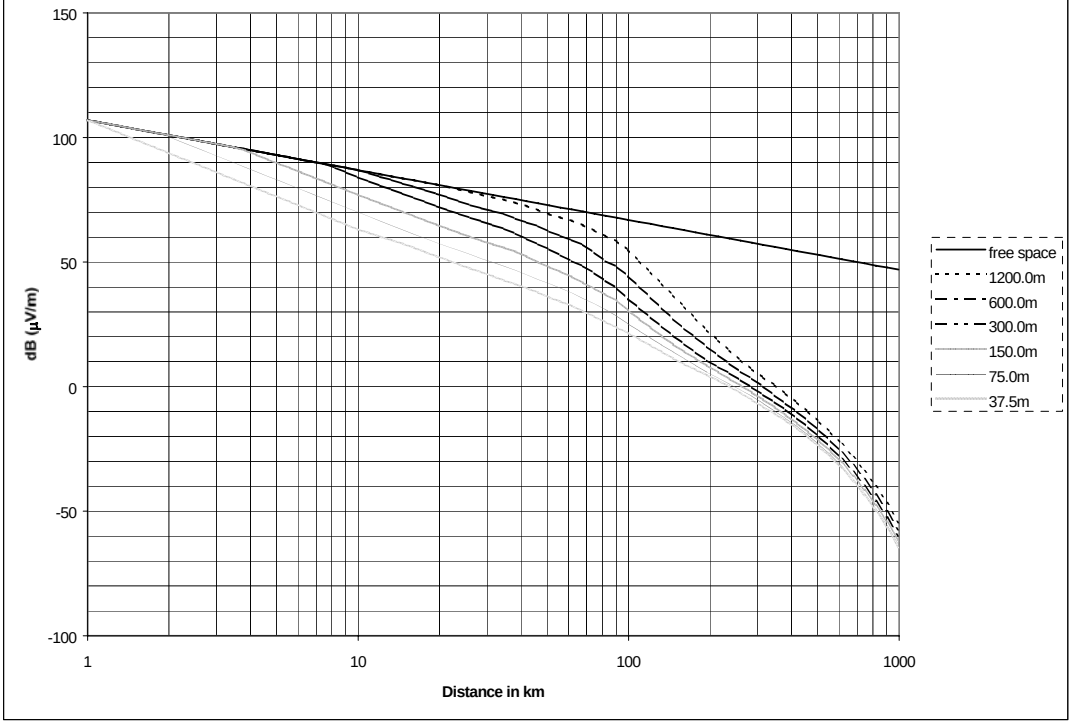


Figure 3b: Field strength for 1 kW e.r.p. versus distance as a function of effective transmitting antenna height; WARM SEA; 1 % of the time

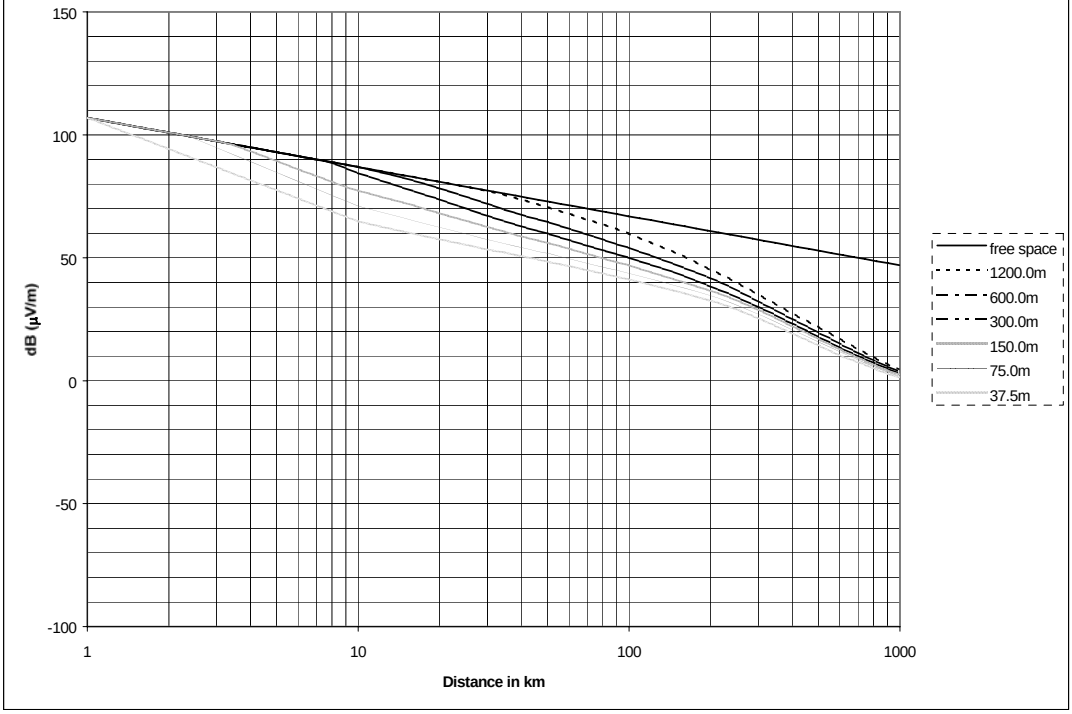
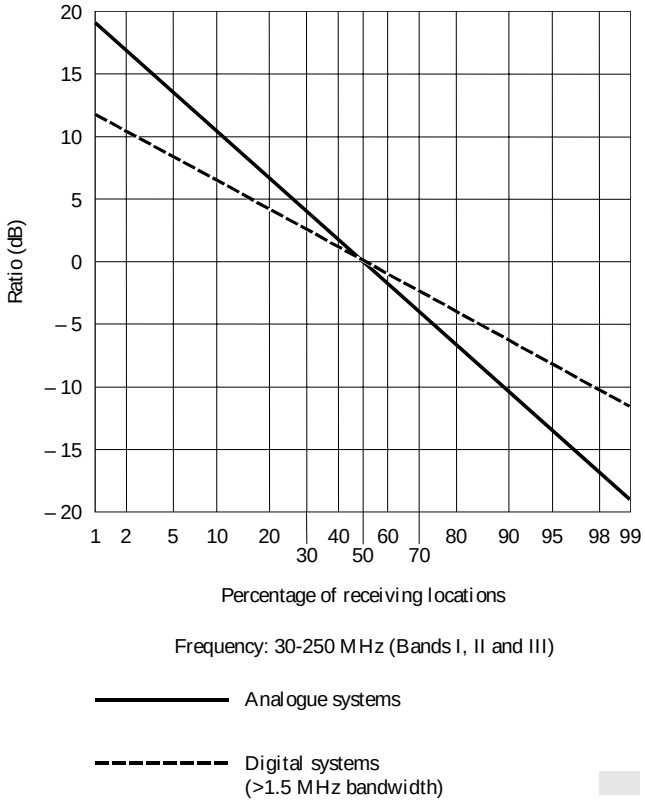


FIGURE 4

Ratio (dB) of the field strength for a given percentage of the receiving locations to the field strength for 50% of the receiving locations



ANNEX 3

Basic characteristics of T-DAB allotments and T-DAB assignments to be communicated in application of the procedures of Article 4 and Article 6

Key to the symbols used in Table

X	Mandatory information
+	Mandatory under the conditions specified in column 2
O	Optional information
C	Mandatory if used as a basis to effect coordination with another administration

Reading the Table 1

The rules used to link the sign with the text are based on the Table 1 column headings covering specific procedures.

1 If any data item has a condition attached to it, then it has a "+".

4	if the assignment or allotment is part of a single frequency network, the identification code for the SFN	+

2 Data items grouped under a common subheading that limits the range of procedures have an "X" as the conditional nature is shown in the subheading title.

	For a specific transmitting station operating at a single fixed location	
7	name of the location of the transmitting station	X

TABLE 1

Data for a T-DAB allotment or assignment

No.	CHARACTERISTICS TO BE SUBMITTED FOR EACH T-DAB ALLOTMENT OR ASSIGNMENT	Article 4 T-DAB allotment	Article 6 T-DAB assignment
1	**GENERAL INFORMATION AND FREQUENCY CHARACTERISTICS**		
1.1	ITU symbol of the notifying administration (see the Preface)	X	X
1.2	Status code (Add, Modify, Suppress)	X	X
1.3	Unique identification code given by the administration to the allotment or assignment (AdminRefId)	X	X
1.4	Plan entry code (1 – Assignment, 3 – Allotment) [3]	X	X
1.5	For assignments , the unique identification code for the associated allotment		+
1.6	Assigned frequency (MHz)	X	X
1.7	Frequency block[4]	X	X
1.8	If the centre frequency of the emission is offset from the assigned frequency, the frequency offset (kHz)	+	+
1.9	Date (actual or foreseen, as appropriate) of bringing the frequency assignment (new or modified) into use		X
2	**LOCATION OF THE ANTENNA(S)**		
2.1	Name of the location of the transmitting station		X
2.2	Digital broadcasting allotment name	X	X[2]
2.3	Symbol for the country or geographical area (see the Preface)		X
2.4	Geographical coordinates of the transmitting antenna in:		
2.4.1	latitude (±DDMMSS)		X
2.4.2	longitude (±DDDMMSS)		X
2.5	**For an allotment:**		
2.5.1	If all the test points are on the country or geographical area boundary for this allotment, the symbol for the country or geographical area	+	
2.5.2	If not all the test points for the allotment are on the country or geographical area boundary, the number (up to 9) of sub-areas within this allotment (if there is no subdivision, enter 1 for the unique contour number)	+	
2.5.3	**For each allotment area[1]:**		
2.5.3.1	A unique contour number	X	
2.5.3.2	The number of boundary test points (up to 99)	X	
2.5.3.3	The geographical coordinates of each boundary test point in:		
2.5.3.3.1	latitude (±DDMMSS)	X	
2.5.3.3.2	longitude (±DDDMMSS)	X	

[3] Only a sub-set of possible options used in the context of GE06 is applicable for WI95revCO07 T-DAB Plan entries.
[4] Not used in the context of GE06.

No.	CHARACTERISTICS TO BE SUBMITTED FOR EACH T-DAB ALLOTMENT OR ASSIGNMENT	Article 4 T-DAB allotment	Article 6 T-DAB assignment
2.5.3.4	The number of calculation test points[2]	X	
2.5.3.5	The geographical coordinates of each calculation test point in:		
2.5.3.5.1	latitude (±DDMMSS)[2]	X	
2.5.3.5.2	longitude (±DDDMMSS)[2]	X	
3	**DIGITAL BROADCASTING SYSTEM CHARACTERISTICS**		
3.1	Type of reference network (V-RN1)[5]	X	
3.2	Type of spectrum mask (see §2.3 of Annex 2)	C	X
3.3	If the polarization is horizontal or mixed, the maximum effective radiated power of the horizontally polarized component in the horizontal plane (dBW)		+
3.4	If the polarization is vertical or mixed, the maximum effective radiated power of the vertically polarized component in the horizontal plane (dBW)		+
4	**ANTENNA CHARACTERISTICS**		
4.1	Antenna directivity (directional (D) or non-directional (ND))		X
4.2	Polarization (H – horizontal, or V – vertical, or M – mixed)[1]	X	X
4.3	Height of transmitting antenna above ground level (m)		X
4.4	Altitude of the site above sea level (m) measured at the base of the transmitting antenna		X
4.5	Maximum effective antenna height (m)		X
4.6	Effective antenna height (m) at 36 different azimuths in 10° intervals, measured in the horizontal plane from True North in a clockwise direction		X
4.7	If the polarization is horizontal or mixed, the value of the antenna attenuation (dB) of the horizontally polarized component, normalized to 0 dB, at 36 different azimuths in 10° intervals, measured in the horizontal plane from True North in a clockwise direction		+
4.8	If the polarization is vertical or mixed, the value of the antenna attenuation (dB) of the vertically polarized component, normalized to 0 dB, at 36 different azimuths in 10° intervals, measured in the horizontal plane from True North in a clockwise direction		+
5	**COORDINATION AND AGREEMENT**		
5.1	If coordination is necessary and agreement has been obtained:		
5.1.1	the ITU symbol of the administration with which coordination has been effected	+	+
6	**REMARKS**		
6.1	Any comment designed to assist the Plan Management Body in processing the notice	O	O

[5] Included for the purpose of compatibility with MA02revCO07 and GE06.

Appendix 1 to Annex 3

ALL notice - T-DAB allotment

Data item	M/O[6]	Comments
<HEAD>	M	Beginning of the <HEAD> section
t_adm	M	The three-character ITU symbol for the name of the administration responsible for submission.
</HEAD>	M	End of the <HEAD> section
<NOTICE>	M	Beginning of section <NOTICE> for the allotment 1
t_notice_type = ALL	M	The type of notice ALL for T-DAB allotments
t_fragment = WI95revCO07	M	The part of the database to be updated. The value must be: *t_fragment = WI95revCO07*
t_action	M	Status code - the action to be taken regarding this notice ADD/MOD/SUP
t_adm_ref_id	M	Administration's unique identifier, assigned by the administration.
t_plan_entry	M	Plan entry code (must be *t_plan_entry=3*)
t_freq_assgn	M	Assigned frequency (MHz)
cept_block	O	Not required by GE06. Included for consistency with the old data formats
t_offset	O	Centre frequency offset in kHz
t_allot_name	M	Digital broadcasting T-DAB allotment name.
t_geo_area	O	If all the test points are on the country boundary for this allotment, the symbol for the country
t_nb_sub_areas = 1	O	If not all the allotment boundary points are on the country boundary this field must contain the value: *t_nb_sub_areas = 1*
t_contour_id	M	A unique contour identification number. It is recommended to use the allotment identification number as provided in *t_adm_ref_id*
cept_ref_netw	M	Reference network (must be *cept_ref_netw=V-RN1*):
t_spect_mask	M	Spectrum mask identifier - 1 character.
t_polar	M	Polarization (H, V, M).
t_remarks	O	Repeat as required
<COORD>	O	Beginning of sub-section <COORD>
t_adm	O	ITU symbol designating the administration with which coordination has been successfully completed. Repeat as appropriate.
</COORD>	O	End of sub-section <COORD>
<AGR>	O	Not required by GE06. Beginning of the section <AGR> that contains the number of the bilateral agreements reached between administrations in the establishment of the Plan
cept_agrn	O	Not required by GE06. Number of agreements
cept_agrxxx	O	Not required by GE06. Agreement numbers of the Plan.
</AGR>	O	Not required by GE06. End of the section <AGR> that contains the number of the bilateral agreements reached between administrations in the establishment of the Plan
</NOTICE>	M	End of section <NOTICE> for the allotment 1
<NOTICE>		Beginning of notice for the allotment 2
. . .		Data items for notice 2
</NOTICE>		End of notice for the allotment 2
<TAIL>	M	Beginning of section <TAIL>
t_num_notices	M	The number of notices contained in the file.
</TAIL>	M	End of section <TAIL>

[6] M - Mandatory; O - Optional

TPR notice - T-DAB allotment boundary points

Data item	M/O[4]	Comments
<HEAD>	M	Beginning of the <HEAD> section
t_adm	M	The three-character ITU symbol for the name of the administration responsible for submission.
</HEAD>	M	End of the <HEAD> section
<NOTICE>	M	Beginning of section <NOTICE> for the allotment 1
t_notice_type = TPR	M	The type of notice TPR for T-DAB allotment
t_action	M	Status code - the action to be taken regarding this notice ADD/MOD/SUP
t_contour_id	M	A unique contour identification number. It is recommended to use the allotment identification number as provided in *t_adm_ref_id* in the ALL notice
t_nb_test_pts	M	Number of test points (minimum 3, maximum of 99)
<POINT>	M	Beginning of sub-section <POINT> for the test point 1
t_lat	M	The latitude of the test point 1
t_long	M	The longitude of the test point 1
</POINT >	M	End of sub-section <POINT > for the test point 1
<POINT>	M	Beginning of sub-section <POINT> for the test point 2
t_lat	M	The latitude of the test point 2
t_long	M	The longitude of the test point 2
</POINT >	M	End of sub-section <POINT > for the test point 2
<POINT>	M	Beginning of sub-section <POINT> for the test point x
……		Repeat for each test point.
</POINT >	M	End of sub-section <POINT > for the test point x
</NOTICE>	M	End of notice for the allotment1
<NOTICE>		Beginning of notice for the allotment 2
		Data items for the allotment 2
</NOTICE>		End of notice for the allotment 2. Repeat for each allotment necessary.
<NOTICE>		Beginning of notice for the allotment X
		Repeat for each allotment necessary.
</NOTICE>		End of notice for the allotment *X.*
<TAIL>	M	Beginning of section <TAIL>
t_num_notices	M	The number of notices contained in the file.
</TAIL>	M	End of section <TAIL>

Additional information regarding notices ALL (corresponding to GS2) and TPR (corresponding to GA1), including permissible values for the data items in the tables above, can be found in the ITU-R CR/262 of 11 August 2006.

The file structure to be used for submission of electronic notices is described in the ITU CR/120 of 31 March 1999.

TPC notice - calculation test points of T-DAB allotments

Data item	M/O[4]	Comments
<HEAD>	M	Beginning of the <HEAD> section.
t_adm	M	The three-character ITU symbol for the name of the administration responsible for submission.
</HEAD>	M	End of the <HEAD> section
<NOTICE>	M	Beginning of section <NOTICE> for the first allotment 1
t_notice_type = TPC	M	The type of notice TPC for calculation test points of T-DAB allotments
t_action	O	Status code - the action to be taken regarding this notice ADD/MOD/SUP
t_contour_id	M	A unique contour identification number. It is recommended to use the allotment identification number as provided in *t_adm_ref_id* in the ALL notice
cept_nb_tpc	M	Number of calculation test points (maximum of 99)
<POINT>	M	Beginning of sub-section <POINT> for the calculation test point 1
cept_tpc_lat	M	The latitude of the calculation test point 1
cept_tpc_long	M	The longitude of the calculation test point 1
</POINT >	M	End of sub-section <POINT > for the calculation test point 1
<POINT>	M	Beginning of sub-section <POINT> for the calculation test point 2
cept_tpc_lat	M	The latitude of the calculation test point 2
cept_tpc_long	M	The longitude of the calculation test point 2
</POINT >	M	End of sub-section <POINT > for the calculation test point 2
<POINT>	M	Beginning of sub-section <POINT> for the calculation test point *x*
……		Repeat for each calculation test point
</POINT >	M	End of sub-section <POINT > for the calculation test point *x*
</NOTICE>	M	End of the notice for the allotment 1
<NOTICE>	M	Beginning of the notice for the allotment 2
		TPC data for the allotment 2
</NOTICE>	M	End of notice for the allotment 2
<NOTICE>		Beginning of notice for the allotment X
		Repeat for each allotment necessary.
</NOTICE>		End of notice for the allotment *X.*
<TAIL>	M	Beginning of section <TAIL>
t_num_notices	M	The number of notices contained in the file.
</TAIL>	M	End of section <TAIL>

Appendix 2 to Annex 3

ASS notice - T-DAB assignment

Data item	M/O[4]	Comments
<HEAD>	M	Beginning of the <HEAD> section
t_adm	M	The three-character ITU symbol for the name of the administration responsible for submission.
</HEAD>	M	End of the <HEAD> section
<NOTICE>	M	Beginning of the section <NOTICE> for the notice 1
t_notice_type = ASS	M	The type of notice is ASS for T-DAB assignments
t_fragment = WI95revCO07	M	The part of the database to be updated. The value must be: *t_fragment = WI95revCO07*
t_action	M	Status code - the action to be taken regarding this notice ADD/MOD/SUP
t_adm_ref_id	M	Administration's unique identifier, assigned by the administration.
t_plan_entry	M	Plan entry code (must be *t_plan_entry=1*)
t_associated_adm_allot_id	M	Unique identifier of T-DAB allotment to which this assignment is related.
t_freq_assgn	M	Assigned frequency (MHz)
cept_block	O	Not required by GE06. Included for consistency with the old data formats
t_offset	O	Centre frequency offset in kHz
t_d_inuse	M	Date (actual or foreseen, as appropriate) of bringing the frequency assignment (new or modified) into use
t_site_name	M	The name of the site where the transmitting antenna is located.
cept_allot_name	O	Not required by GE06. Included for consistency with the old data formats
t_ctry	M	The three-character ITU symbol for the name of the geographic area where the transmitting antenna is located.
t_long	M	The longitude of the transmitting antenna site.
t_lat	M	The latitude of the transmitting antenna site.
t_spect_mask	M	Spectrum mask identifier - 1 character.
t_erp_h_dbw	+	The maximum horizontally polarized ERP (dBW). Mandatory if Polarisation is H or M. At least one of the two (*t_erp_h_dbw* or *t_erp_v_dbw*) must be present in the record.
t_erp_v_dbw	+	The maximum vertically polarized ERP (dBW). Mandatory if Polarisation is V or M. At least one of the two (*t_erp_h_dbw* or *t_erp_v_dbw*) must be present in the record.
t_ant_dir	M	Antenna directivity (Directional/Non-Directional)
t_polar	M	Polarization (H, V, M).
t_hgt_agl	M	The height (in metres) above ground level of the centre of radiation.
t_site_alt	M	Altitude of site above sea level(in metres), a sign followed by a number).
t_eff_hgtmax	M	The maximum effective height (in metres).
t_remarks	O	Repeat as required.
<ANT_HGT>	M	Beginning of sub-section for effective antenna heights.
t_eff_hgt@azmzzz	M	Effective antenna height (m) at 36 different azimuths in 10° intervals, measured in the horizontal plane from True North in a clockwise direction (zzz from 0 to 350 in 10° intervals)
</ANT_HGT>	M	End of sub-section <ANT_HGT> for effective ant. heights.
<ANT_DIAGR_H>	+	If the polarisation is horizontal or mixed and antenna directivity is directional, the beginning of sub-section <ANT_DIAGR_H> for attenuation of the horizontal polarised component (dB)

Data item	M/O[4]	Comments
t_attn@azmzzz	+	If the polarization is horizontal or mixed, the value of the antenna attenuation (dB) of the horizontally polarized component, normalized to 0 dB, at 36 different azimuths in 10° intervals, measured in the horizontal plane from True North in a clockwise direction
</ANT_DIAGR_H>	+	If the polarisation is horizontal or mixed and antenna directivity is directional, the end of sub-section <ANT_DIAGR_H> for attenuation of the horizontal polarised component (dB).
<ANT_DIAGR_V>	+	If the polarisation is vertical or mixed and antenna directivity is directional, the beginning of sub-section <ANT_DIAGR_V> for attenuation of the vertical polarised component (dB)
t_attn@azmzzz	+	Antenna attenuation (normalised to 0dB) at azimuth zzz degrees from the True North (zzz from 0 to 350 step 10)
</ANT_DIAGR_V>	+	If the polarisation is vertical or mixed and antenna directivity is directional, the end of sub-section <ANT_DIAGR_V> for attenuation of the vertical polarised component (dB).
<COORD>	O	Beginning of sub-section <COORD>
t_adm	O	ITU symbol designating the administration with which coordination has been successfully completed. Repeat as appropriate.
</COORD>	O	End of sub-section <COORD>
<AGR>	O	Not required by GE06. Beginning of the section <AGR> that contains the number of the bilateral agreements reached between administrations in the establishment of the Plan
cept_agrn	O	Not required by GE06. Number of agreements
cept_agrxxx	O	Not required by GE06. Agreement numbers of the Plan.
</AGR>	O	Not required by GE06. End of the section <AGR> that contains the number of the bilateral agreements reached between administrations in the establishment of the Plan
</NOTICE>	M	End of the section <NOTICE> for the notice 1
<NOTICE>		Beginning of the notice 2
. . .		Data items for notice 2
</NOTICE>		End of the notice 2
<TAIL>	M	Beginning of the section <TAIL>
t_num_notices	M	The number of notices contained in the file.
</TAIL>	M	End of the section <TAIL>

Additional information for the ASS notice (corresponding to GS1), including permissible values for the data items in the table above, can be found in the ITU-R CR/262 of 11 August 2006.

The file structure to be used for submission of electronic notices is described in the ITU CR/120 of 31 March 1999.

ANNEX 4

TECHNICAL PROCEDURES FOR CO-ORDINATION

1. INTRODUCTION

The T-DAB Allotment Plan was developed using the concept of test points, T-DAB reference networks and agreements between administrations. Test points along the boundary of each T-DAB allotment area and for other services to be protected were supplied by administrations to the Planning Meeting.

This Annex describes the detailed procedures for:

– converting an allotment into one or more assignments;

– the addition or modification of an allotment.

2. PROCEDURES FOR THE CONVERSION OF AN ALLOTMENT INTO ONE OR MORE ASSIGNMENTS

2.1 General procedures

The following procedures have been determined to enable the implementation of the Plan without undue restrictions.

It is assumed that a T-DAB allotment will be implemented as a set of transmitting stations operating as a single frequency network. The latter is referred to below as a "real network".

The individual field strength, at any test point, produced by each transmitter of a real network should be determined using the field strength prediction method specified in Section 2 of Annex 2. In the case of potential interference to the aeronautical mobile service, the free space propagation model is to be used, subject to a line of sight condition between transmitter and test point and also subject to a maximum distance of 500 km. The value of the determined individual field strength should be modified, where relevant, by taking account of any receiving antenna discrimination. The cumulative interfering field strength is calculated by the power sum method, with the result rounded to one decimal place as explained below. Only the interference from that allotment being converted into assignments will be taken into account.

The individual field strengths obtained at any test points from all transmitting stations of the T-DAB allotment are processed in decreasing order. The power sum is obtained as follows:

– starting from the highest, the power values equivalent to the interfering field strengths are added, one after the other;

– at each summation, the result is compared to the previous one;

– if the increase in power is greater than or equal to 0.5 dB, the summation process continues;

– if the increase in power would be less than 0.5 dB, the summation process is stopped and 0.5 dB is added, giving the result of the power sum.

In order to provide flexibility for the development of T-DAB services, it is necessary to provide an overall limit for the interference which could be created by a set of T-DAB assignments. In order to do this, a limited number of calculation test points are introduced (see Appendix 1 of this Annex).

To avoid ambiguity, the Plan Management Body will determine the position of the calculation test points for each allotment and distribute them to all administrations, after resolution of potential anomalies in the position of the test points with the relevant administration.

Agreed coastlines are needed for the calculation of the mixed paths and agreed country borders are needed to identify any affected country or countries. The coastline and country border data shall be the latest version of the ITU Digital World Map (IDWM).

In addition to any constraints arising from the protection requirements detailed in sections 2.2 and 2.3, if the cumulative field strength from the transmitters of the real network exceeds 33.0 dB(μV/m) for Band III at any of the calculation test points (see Appendix 1), co-ordination is required with those countries:

- touched by a calculation test point at which the cumulative field strength value exceeds 33.0 dB(μV/m) for Band III; or

- lying along the extension of the line which defines the calculation test point location, to a point at which a field strength value of 33.0 dB(μV/m) for Band III is reached.

If, with regard to Section 3 in the procedure for the addition or modification of an allotment, values of the maximum permissible cumulative field strengths at the calculation test points lower than 33.0 dB(μV/m) were notified, then co-ordination is required in the same way as if these values were exceeded.

If an assignment requested to be converted from an allotment exceeds the relevant limits, administrations may seek agreement between each other. If this is not possible, Section 3 can be applied.

2.2 Compatibility of T-DAB with T-DAB

2.2.1 Protection of co-block allotments

At the boundary test points describing any other co-block allotment, the interfering field strength level of 33.0 dB(μV/m) for Band III must not be exceeded by a real network, unless there are special agreements between the administrations concerned. Such agreements are to be reached by bi-lateral or multi-lateral co-ordination. This value implies that the field strength to be protected becomes 61.0 dB(μV/m) for Band III on the basis of a protection ratio of 10 dB and a margin of 18 dB (to allow for protection at 99 % of locations).

In the case of allotments or assignments which are co-ordinated after the Wiesbaden Planning Meeting and where the calculation test points of the affected or co-ordinated co-block allotment are located inside the area of the other allotment, there should be notified a record of the maximum interfering field strength levels at individual test points of the affected and co-ordinated co-block allotments accepted when allotments are converted into assignments.

2.2.2 Protection of adjacent blocks in nearby areas

Co-ordination is needed if the cumulative interfering field strength of the real network is greater than 80 dB(μV/m), for Band III (when the critical spectrum mask is assumed) at the boundary of any allotment with a frequency block adjacent to that of the allotment being converted to assignments. If the interfering field strength contour of the proposed station crosses the boundary of a nearby adjacent block allotment, it may be necessary to make a visual inspection of the relevant maps and undertake calculations to specify additional test points, taking account of topography.

2.3 Compatibility of T-DAB with Other Services

The cumulative interfering field strength resulting from the real network is to be checked at each boundary test point of the Other Service lying inside a circle with a radius of 500 km, around each boundary test point of the allotment being converted into assignments.

If there is no special agreement on the conditions of use of a T-DAB allotment with regard to the Other Services, the maximum permissible field strength (calculated as stated in Section 4.2.2 of Annex 2) to protect the relevant Other Service is to be observed.

The calculation of the maximum permissible field strength must take into account the field strength value to be protected which is specified in the data used at the planning meeting where this is higher than the default value given in Annex 2 for this Other Service.

Co-ordination is needed if the maximum permissible field strength value is exceeded by the cumulative interfering field strength of the real network at any boundary test point for a given Other Service requirement as described in Section 4.2.2 of Annex 2.

However, a T-DAB allotment in Annex 1 with no asterisk and no other conditions for use can be converted into T-DAB assignments without restrictions provided the cumulative interfering field strength of the real network does not exceed the worst case interfering field strength from a reference network situated at any of the boundary test points of the T-DAB allotment.

If there is a special agreement on the conditions of use of a T-DAB allotment with regard to the Other Services, co-ordination must be undertaken:

- if the agreement specifies that co-ordination is required before conversion of the allotment; or

- if the cumulative interfering field strength from the real network exceeds the agreed value, where such a value is specified in the agreement; or

- in the case where the agreement includes neither requirement for co-ordination nor specific field strength limit for T-DAB,

- if the cumulative interfering field strength of the real network exceeds the worst case interference from a reference network situated at any boundary test point of the T-DAB allotment at any of the boundary test points of the Other Service area, except,

  - for those boundary test points of the Other Service area at which the cumulative interfering field strength does not exceed the maximum permissible field strength value (calculated as stated in Section 4.2.2 of Annex 2);

  - those which lie within a distance of 10 km from the T-DAB allotment, initially approximated by using the boundary test points;

- and also if the cumulative interfering field strength exceeds the value of 30 dB(μV/m) for Band III at any special calculation test point lying within the Other Service area; these special calculation test points shall be constructed in accordance with Appendix 1 of this Annex, but using everywhere 30 dB(μV/m) instead of 27 dB(μV/m) for Band III.

  In this last case, at any of these test points, a cumulative interference field strength of the real network shall be accepted if it does not exceed the worst case interfering field strength from a reference network situated at any of the boundary test points of the T-DAB allotment, as this is the implication of an agreement without explicit restrictions.

Furthermore, when considering requests for co-ordination, administrations should note that it is difficult, when planning real networks, to avoid exceeding the field strength from a reference network by small amounts (1 to 2 dB), at a small number of test points. Such cases should be considered in a spirit of co-operation during the co-ordination process.

3. PROCEDURES FOR THE ADDITION OR MODIFICATION OF AN ALLOTMENT

In the application of the procedures given in Article 4, the methods and criteria given in Annex 2 have to be used to determine whether any other administration is affected by a proposal for a new or modified allotment.

Co-ordination is necessary if the allotment would, using the reference network of Annex 2:

– cause field strengths greater than or equal to 27 dB(μV/m) for Band III at the boundary of any other administration; or,

– with regard to any other services, cause field strengths greater than or equal to the maximum permissible interfering field strengths at the boundary of any other administration.

Co-ordination requests will be dealt with by the Plan Management Body in the order in which they are received, the date of reception of each request being recorded and published with the request.

Where a co-ordination request is submitted before the Plan Management Body publishes a co-ordination request from another administration, and where these two requests are mutually incompatible, they shall have an equivalent status in bilateral negotiations between the administrations concerned.

It is admissible for a requesting administration to include, as given in Annex 3, the full technical characteristics of the assignments which are intended to be used to serve the allotment area. In such a case, the requesting administration should declare in the co-ordination pro-forma based on Annex 3, that these assignments are to be used in interference calculations for the co-ordination process, instead of the reference network of Annex 2.

The construction of calculation test points is the same procedure as given in Appendix 1 of this Annex. However, in the case described in the previous paragraph, the calculation test points are situated where the transmitting stations of these assignments create a cumulative field strength of 30 dB(μV/m) for Band III. If a subsequent conversion of the allotment involves assignments which differ in any respect from those included in the co-ordination of the allotment, then the procedure of Section 2.1 of this Annex shall be applied.

An administration receiving a request for co-ordination of an allotment which is co-block with one of its existing allotments may make agreement to this request conditional on the maintenance of its existing rights of implementation for this existing allotment. The effect of such a condition is that the new allotment would then not have a right of protection from the existing allotment within the contour described by the latter's calculation test points.

The introduction of frequency offsets for T-DAB blocks contained in the Plan is considered as a modification which must be co-ordinated. The relevant co-ordination criteria for T-DAB against T-DAB would have to be agreed upon among the administrations concerned.

The use of frequency offsets for T-DAB blocks relative to the frequencies adopted in the Plan may be considered, for example, for the purpose of:

a) reducing adjacent block interference;
b) minimising interference from T-DAB into television.

Such changes involve design implications for T-DAB receivers and the effect of the offsets needs to be co-ordinated between the administrations concerned within the procedures for addition or modification of an allotment. In any event, the number of offset values should be kept to a minimum.

4. GENERAL

The principle of an equitable distribution of frequency resources shall be taken into account, in particular, if co-ordination requests are made for allotments which may have major effects on the T-DAB development plans of other administrations. In this case, the requesting administration should inform the countries affected prior to sending out the co-ordination request. However, in requesting an addition or modification of an allotment, the requesting administration should have a real intention to convert its allotment into one or more assignments within a suitable time period. In addition, it should be recognized that the requirements may vary in nature and detail from country to country. If necessary, administrations may apply the procedure given in paragraph 2.5 of Article 2.

In cases of bi-lateral or multi-lateral agreements, administrations may agree to use different field strength prediction models, e. g. considering topographic elements. Similarly, they may also agree on a programme of measurements to confirm predicted results.

APPENDIX 1

CONSTRUCTION OF CALCULATION TEST POINTS

1 The locations of the calculation test points are to be determined using the following procedure.

2 Perpendicular bisectors:

- calculation test points are located outside the allotment area, along the perpendicular bisector of each of the lines joining adjacent boundary test points, where the field strength from the reference network would be 27.0 dB(μV/m) for Band III. Examples are point P in Figures 1, points 2, 4, 6, 8, and 14 in Figure 3 and points 1b and 1c in Figure 4.

3 Angular bisectors:

- further calculation test points are located outside the allotment area, along the bisector of the angle formed by the lines joining each boundary test point with its two adjacent boundary test points, where the field strength from a reference network would be 27.0 dB(μV/m) for Band III . Examples are point P in Figures 2, points 1, 3, 5, 7, 10 and 13 in Figure 3, points 1a, 2a and 3a in Figure 4 and point 2e in Figure 5.

- Taking account of the allotment boundary geometry shown in Figures 4 and 5, the following procedures are to be applied:

3.1 In the case where $\alpha < 180°$ (see Figure 4):

- additional calculation test points are located outside the allotment area, along the perpendiculars to the lines joining point A to B, and point C to B, where the field strength from the reference network situated at point B would be 27.0 dB(μV/m)for Band III . Test points 1e and 1d are the result.

- If the distance between the constructed additional calculation test points 1e and 1d to calculation test point 1a is larger than 75 km (Band III) , additional test points are constructed by subdividing, equally, the sectors from test point 1a to test point 1e and/or test point 1a to test point 1d, to produce additional test points until:

  $\beta < 2 \arcsin(d/2D)$

  where: d is 75 km (Band III) , and

  D is either the larger of the distances from point B to test point 1e and point B to test point 1a in the case of the sector from test points 1e to 1a or, the larger of the distances from point B to test point 1d and point B to test point 1a in the case of the sector from test points 1a to 1d.

- The calculation test point on each of these additional lines is at the location where a field strength of 27.0 dB(μV/m) for Band III is produced from a reference network situated at point B. This leads to calculation test points 1f and 1g in the case of the geometry of Figure 4.

3.2 In the case where $\alpha \geq 180°$ (see Figure 5):

- additional calculation test points are located along the bisector of the angle formed by the lines joining the allotment test points A, B and C outside the allotment area, where the field strength from the reference network would be 27.0 dB(μV/m) for Band III.

- If the field strength of a reference network at any of the other test points of the allotment produces a higher field strength than that given above, the calculation test point must be moved further outside the allotment area, along the bisector of the angle, until the field strength from a reference network at all test points of the allotment is equal to or less than 27.0 dB(μV/m) for Band III; this gives calculation test point 2e in Figure 5.

4 All calculation test points that lie within the allotment area are to be disregarded, for example point 12 in Figure 3.

5 Calculation test points that lie too close to the boundary of the allotment area, such that the field strength from the reference network would be greater than 27.0 dB(μV/m) for Band III are to be disregarded, for example points 9 and 11 in Figure 3.

6 If the length of a line drawn between adjacent calculation test points is more than 75 km (Band III), additional calculation test points are to be constructed by subdividing the line in equal parts until the distance between adjacent calculation test points is less than the values given above.

7 If any of the constructed calculation test points of the allotment A is located inside or beyond the allotment area of any other co-block T-DAB allotment B then it shall be moved back along the line being constructed towards the boundary of the co-block allotment until it intersects the contour defined by the boundary test points of the allotment B that faces allotment A. The intersection is to be taken as the required calculation test point of the allotment A.

8 Except where there is a co-block T-DAB allotment at a shorter distance, the distance between the allotment boundary and the relevant calculation test point in Band III will be approximately:
- 120 km for an all land path;
- 205 km for an all cold sea path;
- 250 km for an all warm sea path;

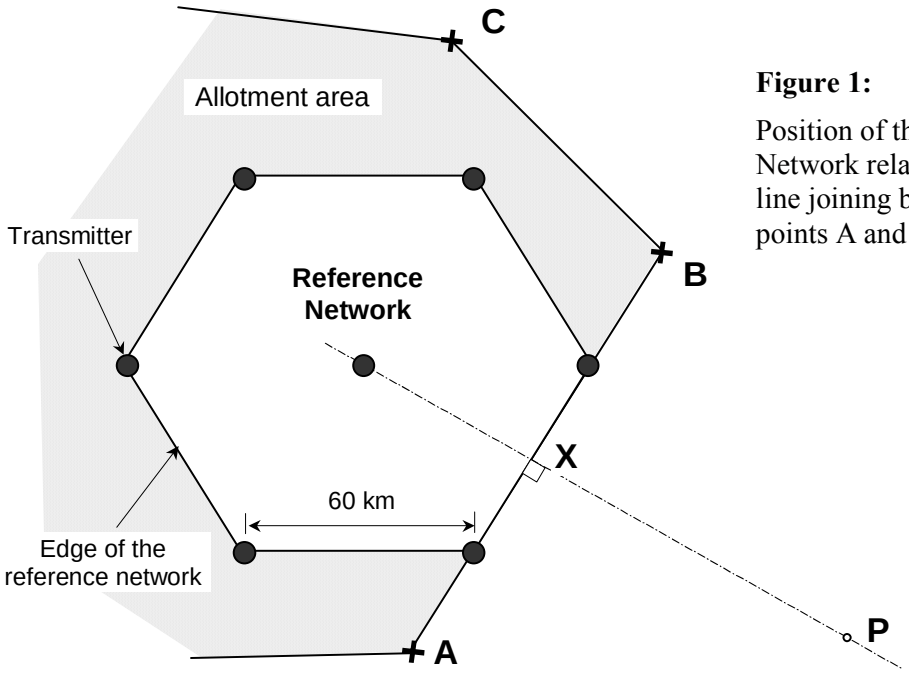


Figure 1:

Position of the Reference Network relative to the line joining boundary test points A and B

Note:

- Points A, B and C are boundary points of the allotment area.
- The point X is the midpoint of the line A-B and is also the reference point of the reference network.
- The line defined by the points X and P is the perpendicular bisector of the line A-B and is also the line along which the interfering field strength is calculated.

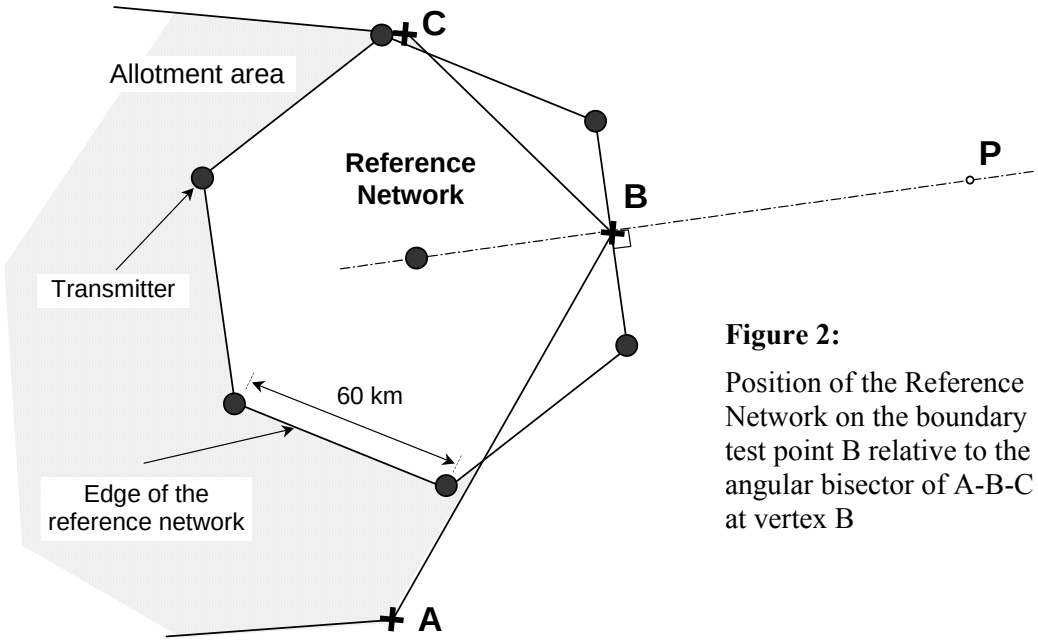


Figure 2:

Position of the Reference Network on the boundary test point B relative to the angular bisector of A-B-C at vertex B

Note:

- Points A, B and C are boundary points of the allotment area.
- The point B is the vertex of the angle A-B-C and is also the reference point of the reference network.
- The line defined by the points B and P is the angle bisector of angle A-B-C and is also the line along which the interfering field strength is calculated.

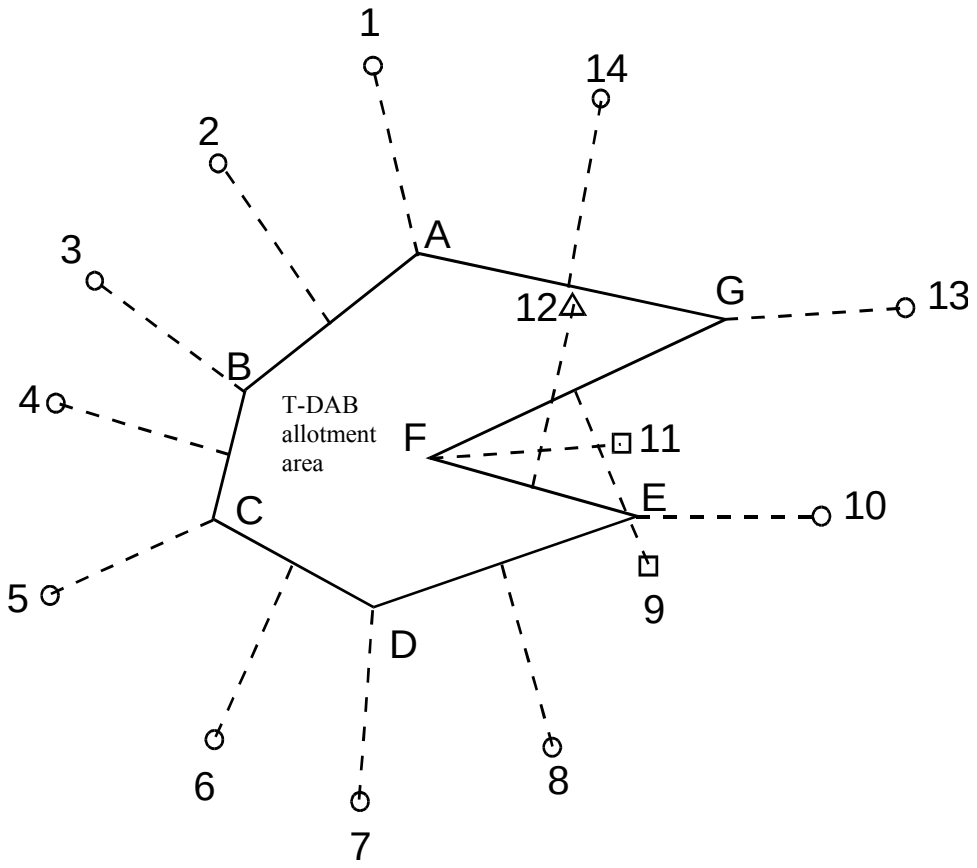


Figure 3: Location of the calculation test points

Note 1: Points A to G are the boundary test points of the allotment

Note 2: Points 1 to 14, excluding points 9, 11 and 12, are calculation test points

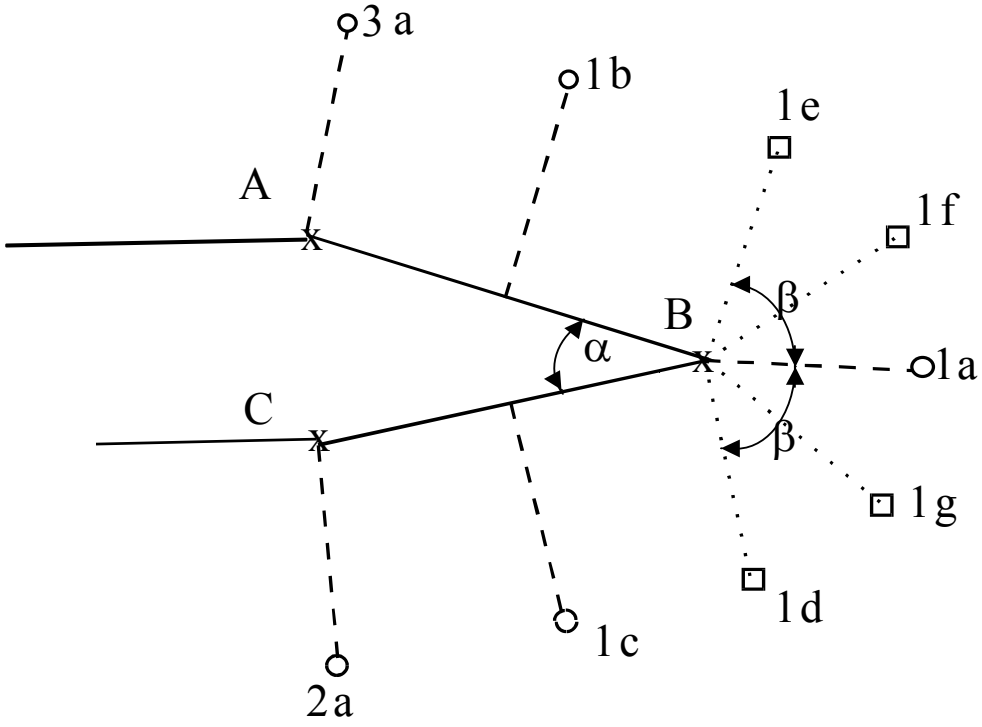


Figure 4: Construction of additional calculation test points if $\alpha < 180°$(see Note below)

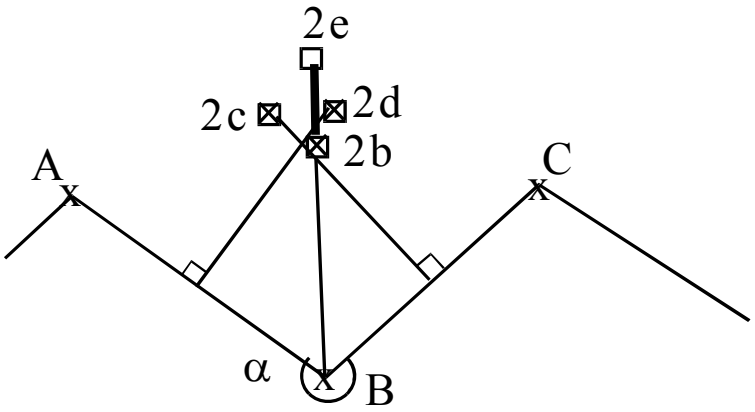
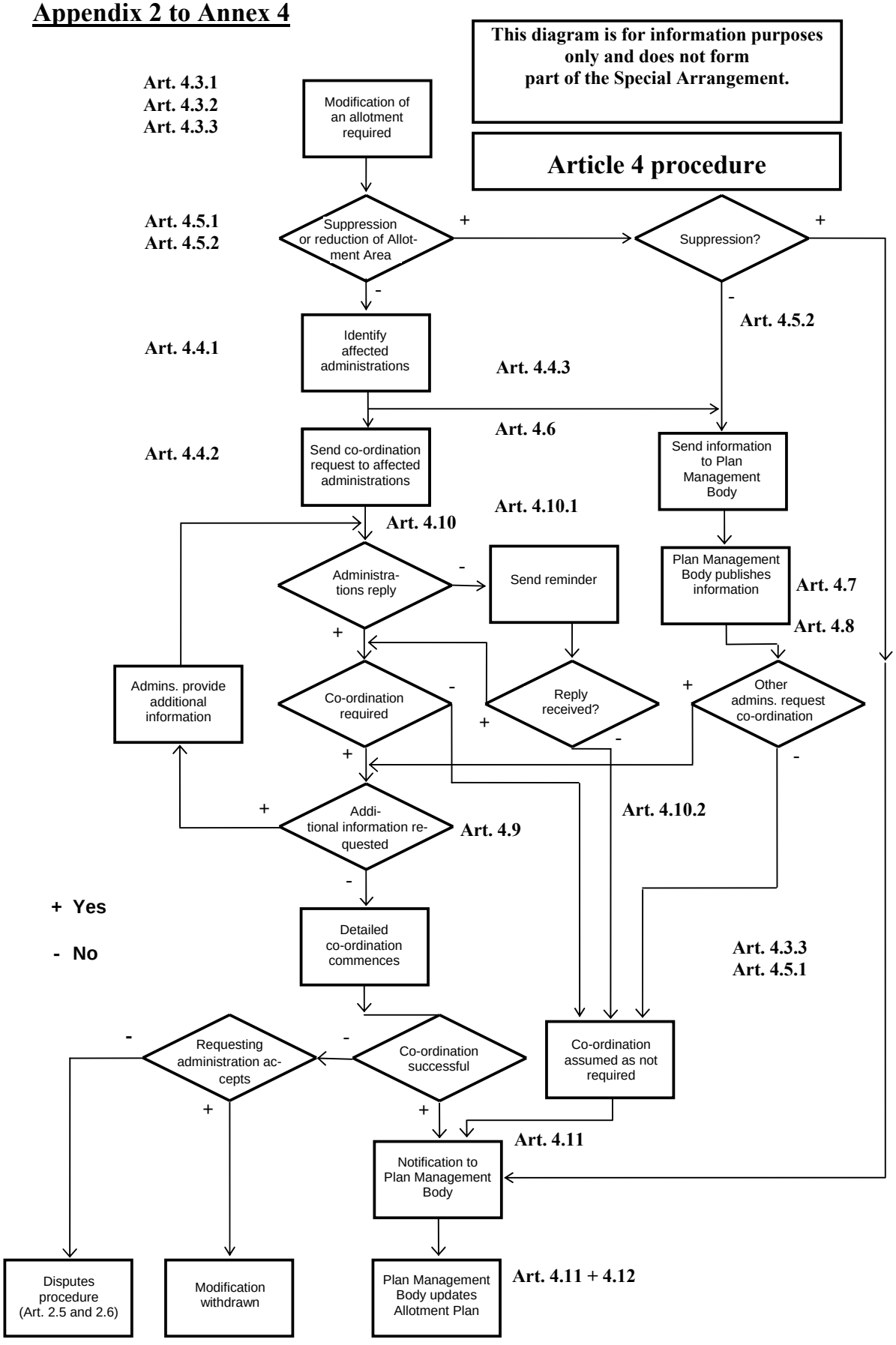


Figure 5: Construction of additional calculation test points if $\alpha \geq 180°$ (see Note below)

Note:	A, B, C	Boundary test points of allotment
○	1a, 1b, 1c, 2a, 3a	Calculation test points
□	1d, 1e, 1f, 1g, 2e	Additional calculation test points
☒	2b, 2c, 2d	Calculation test points disregarded because the field strength exceeds the specified threshold

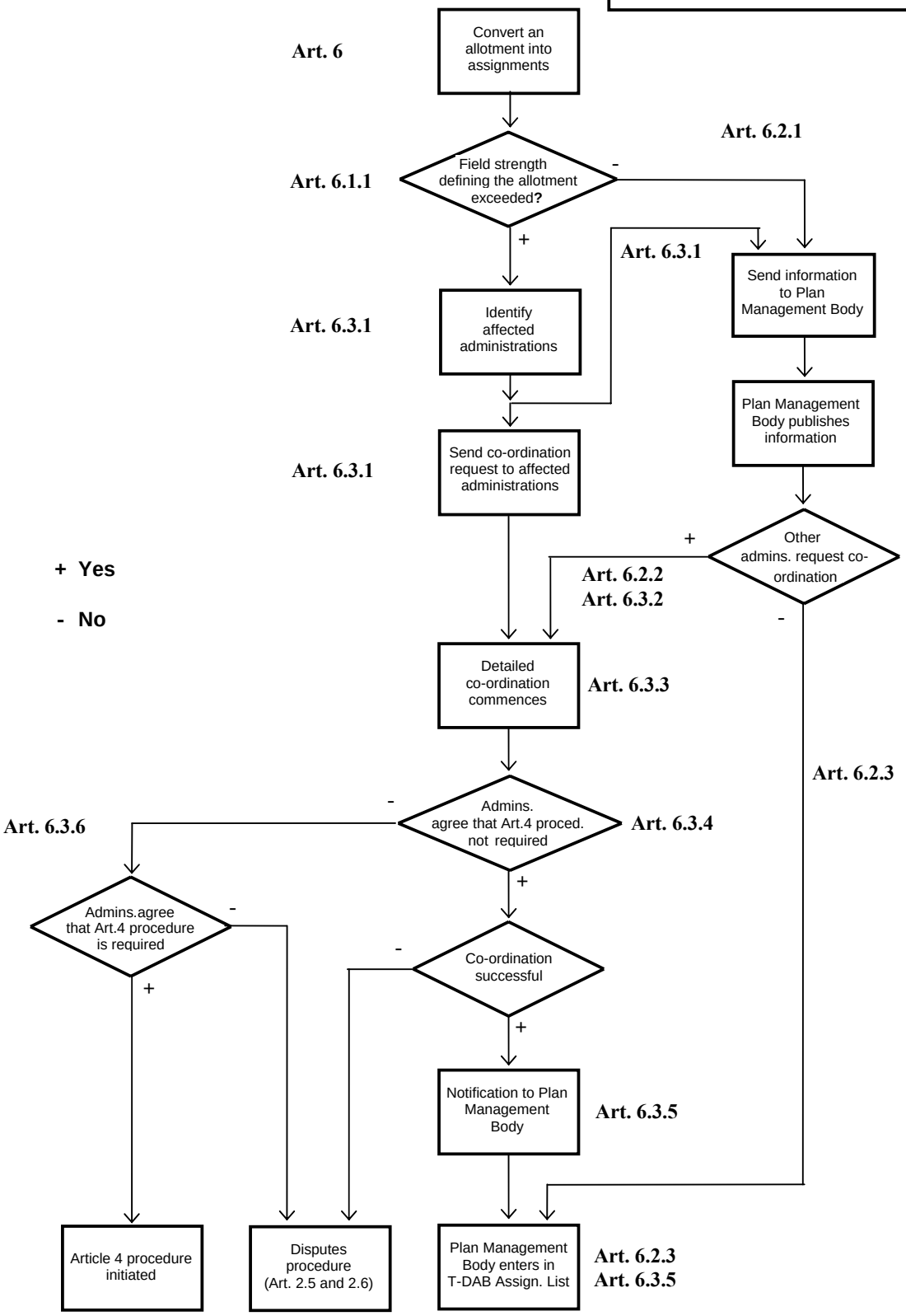
Appendix 2 to Annex 4



Appendix 3 to Annex 4

This diagram is for information purposes only and does not form part of the Special Arrangement.

Article 6 procedure



ANNEX 5

T-DAB frequency block allotments in the band 87,5 - 108 MHz
agreed between the administrations concerned, but not forming part of the Plan

T-DAB Identifier	Name	Centre Frequency	Remarks
POL10018	CENTRALPOLAND2	105.008 MHz	To be coordinated after the Planning Meeting with CZE, RUS, LTU, SVK, UKR

Supplementary Information A

to the

Special Arrangement
of the European Conference of Postal and Telecommunications Administrations (CEPT)
relating to the use of the bands 47 - 68 MHz, 87.5 - 108 MHz and
230 - 240 MHz for
Terrestrial Digital Audio Broadcasting (T-DAB)

(WI95revCO07)

List of Agreements

354	OS	DNK10006	BEL	12C 12D 13E
3354	OS	S__00008	NOR	13A 13B 13C
4485	OS	S__00013	D	12A 12B 12C 12D 13A 13B 13C 13D 13E 13F
4486	OS	S__00023	D	12A 12B 12C 12D 13A 13B 13C 13D 13E 13F
4520	OS	NOR00006	D	12D 13D 13E 13F (12D*) Interference potential of 0,7 dB will be reduced by Germany.
4522	OS	NOR00002	RUS	12B 12C 13E Not to be introduced before after successful coordination.
4535	OS	FIN10001	NOR	13B Before this allotment can be turned into assignments, these assignments must be coordinated with Norway.
4548	OS	FIN10001	RUS	13B Before this allotment can be turned into assignments these assignments must be coordinated with RUS .
4598	OS	LTU00001	RUS	13C Every conversion of the allotment to the assignment requires bilateral coordination. In the case of interference T-DAB to Russian stations and aeronautical services in channel 13 the LTU administration commits itself to eliminate such interference.
4599	OS	LTU00001	POL	13C Every conversion of the allotment to the assignment requires bilateral coordination. In the case of interference T-DAB to Poland stations and aeronautical services in channel 13 the LTU administration commits itself to eliminate such interference.
4605	OS	LVA00001	RUS	13B Before this allotment can be turned into assignment these assignment must be coordinated with the RUS .
4606	OS	EST00001	RUS	13C Before this allotment can be turned into assignment these assignment must be coordinated with the RUS .
4700	OS	UKR00026	RUS	13A 13B 13C Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4702	OS	UKR00028	RUS	13A 13B 13C Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4707	OS	UKR00033	RUS	13A 13B 13C Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4708	OS	UKR00034	RUS	13A 13B 13C Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4709	OS	UKR00035	RUS	13A 13B 13C Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4711	OS	UKR00037	RUS	13A 13B 13C Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4712	OS	UKR00038	RUS	13A 13B 13C Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4713	OS	UKR00039	RUS	13A 13B 13C Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4714	OS	UKR00040	RUS	13A 13B 13C Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4715	OS	UKR00041	RUS	13A 13B 13C Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4716	OS	UKR00042	RUS	13A 13B 13C Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.

4717	OS	UKR00043	RUS	13A 13B 13C Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4718	OS	UKR00044	RUS	13A 13B 13C Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4719	OS	UKR00045	RUS	13A 13B 13C Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4720	OS	UKR00046	RUS	13A 13B 13C Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4721	OS	UKR00047	RUS	13A 13B 13C Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4722	OS	UKR00048	RUS	13A 13B 13C Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4723	OS	UKR00049	RUS	13A 13B 13C Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4724	OS	UKR00050	RUS	13A 13B 13C Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4725	OS	UKR00026	POL	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4730	OS	UKR00031	POL	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4731	OS	UKR00032	POL	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4732	OS	UKR00033	POL	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4750	OS	UKR00026	SVK	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4753	OS	UKR00029	SVK	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4755	OS	UKR00031	SVK	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4756	OS	UKR00032	SVK	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4757	OS	UKR00033	SVK	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4758	OS	UKR00034	SVK	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4775	OS	UKR00026	ROU	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4776	OS	UKR00027	ROU	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4777	OS	UKR00028	ROU	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.

4778	OS	UKR00029	ROU	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4779	OS	UKR00030	ROU	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4780	OS	UKR00031	ROU	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4781	OS	UKR00032	ROU	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4782	OS	UKR00033	ROU	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4783	OS	UKR00034	ROU	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4784	OS	UKR00035	ROU	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4785	OS	UKR00036	ROU	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4786	OS	UKR00037	ROU	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4787	OS	UKR00038	ROU	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4791	OS	UKR00042	ROU	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4792	OS	UKR00043	ROU	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4793	OS	UKR00044	ROU	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4796	OS	UKR00047	ROU	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4799	OS	UKR00050	ROU	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4801	OS	UKR00027	HNG	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4803	OS	UKR00029	HNG	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4804	OS	UKR00030	HNG	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4805	OS	UKR00031	HNG	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4806	OS	UKR00032	HNG	13A 13B 13C 13D 13E 13F Ukraine side will effectuate T-DAB in the band of TV channel 13 after 2015 year and will coordinate with the other side each frequency assignment.
4963	OS	DNK10006	D	13E Subject to later coordination with Germany.

Supplementary Information B

to the

Special Arrangement
of the European Conference of Postal and Telecommunications Administrations (CEPT)
relating to the use of the bands 47 - 68 MHz, 87.5 - 108 MHz and 230 - 240 MHz
for Terrestrial Digital Audio Broadcasting (T-DAB)

(WI95revCO07)

List of Test Points

This List is available in electronic form from the Plan Management Body.

ANNEX II

List of T-DAB assignments in the frequency band 174-230 MHz recorded by 02 July 2007 in the Assignment List in accordance with Article 6 of the Wiesbaden, 1995 Special Arrangement, as revised in Maastricht 2002

According to Article 2 of the Final Acts, these T-DAB assignments shall be protected, taking into account the relevant bilateral agreements reached at the RRC-06, until the date to be agreed by the administrations concerned but not later than 01 January 2012.

Administrations may agree bi-laterally to protect actual service areas of individual assignments or SFN. Protection of the fully implemented allotments can be based on the original allotment parameters.

The original allotments cannot be developed any further as the provisions of the Special Arrangement are withdrawn for these frequencies.

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
BEL	10001	Vlaanderen	12A	001	Sint-Pieters-Leeuw	50N4607	004E1331	55
BEL	10001	Vlaanderen	12A	002	Brussel-RAC	50N5114	004E2155	33
BEL	10001	Vlaanderen	12A	003	Schoten	51N1736	004E3229	14
BEL	10001	Vlaanderen	12A	004	Antwerpen	51N1315	004E2501	7
BEL	10001	Vlaanderen	12A	005	Veltem	50N5330	004E3715	72
BEL	10001	Vlaanderen	12A	006	Waver-Overijse	50N4439	004E3503	102
BEL	10001	Vlaanderen	12A	007	Gent	51N0245	003E4337	27
BEL	10001	Vlaanderen	12A	008	Ronse	50N4548	003E4155	152
BEL	10001	Vlaanderen	12A	009	Nieuwkerken-Waas	51N1055	004E1144	21
BEL	10001	Vlaanderen	12A	010	Egem	51N0121	003E1413	42
BEL	10001	Vlaanderen	12A	011	Bellegem	50N4628	003E1841	69
BEL	10001	Vlaanderen	12A	012	Oostende	51N1402	002E5501	0
BEL	10001	Vlaanderen	12A	013	Attenrode-Wever	50N5153	004E5540	73
BEL	10001	Vlaanderen	12A	014	Genk	50N5648	005E3036	83
BEL	10001	Vlaanderen	12A	015	Oostvleteren	50N5646	002E4342	5
BEL	10001	Vlaanderen	12A	016	Oud-Turnhout	51N1929	004E5956	25
BEL	10001	Vlaanderen	12A	017	Overpelt	51N1339	005E2340	45

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
BEL	10001	Vlaanderen	12A	018	Millen	50N4602	005E3351	147
BEL	10001	Vlaanderen	12A	019	Brustem	51N4854	005E1315	55
BEL	10001	Vlaanderen	12A	020	Meerhhout	51N0623	005E0353	21
BEL	10004	VLAANDEREN 004	6C	001	Sint-Pieters-Leeuw	50N4607	004E1331	55
BEL	10004	VLAANDEREN 004	6C	002	Brussel-RAC	50N5114	004E2155	33
BEL	10004	VLAANDEREN 004	6C	003	Schoten	51N1736	004E3229	14
BEL	10004	VLAANDEREN 005	6C	004	Antwerpen	51N1315	004E2501	7
BEL	10004	VLAANDEREN 004	6C	005	Veltem	50N5330	004E3715	72
BEL	10004	VLAANDEREN 004	6C	006	Waver-Overijse	50N4439	004E3503	102
BEL	10004	VLAANDEREN 004	6C	007	Gent	51N0245	003E4337	27
BEL	10004	VLAANDEREN 004	6C	008	Ronse	50N4548	003E4155	152
BEL	10004	VLAANDEREN 004	6C	009	Nieuwkerken-Waas	51N1055	004E1144	21
BEL	10004	VLAANDEREN 004	6C	010	Egem	51N0121	003E1413	42
BEL	10004	VLAANDEREN 004	6C	011	Bellegem	50N4628	003E1841	69
BEL	10004	VLAANDEREN 004	6C	012	Oostende	51N1402	002E5501	0
BEL	10004	VLAANDEREN 004	6C	013	Attenrode-Wever	50N5153	004E5540	73
BEL	10004	VLAANDEREN 004	6C	014	Genk	50N5648	005E3036	83
BEL	10004	VLAANDEREN 004	6C	015	Oostvleteren	50N5646	002E4342	5
BEL	10004	VLAANDEREN 004	6C	016	Oud-Turnhout	51N1929	004E5956	25
BEL	10004	VLAANDEREN 004	6C	017	Lommel	51N1252	005E1740	53
BEL	20001	DAB-COM.FRANCAISE	12B	RTBF0001	ANDERLUES	50N2257	004E1433	209
BEL	20001	DAB-COM.FRANCAISE	12B	RTBF0002	TOURNAI	50N3527	003E1911	79
BEL	20001	DAB-COM.FRANCAISE	12B	RTBF0004	BRUXELLES	50N5114	004E2159	45
BEL	20001	DAB-COM.FRANCAISE	12B	RTBF0005	WAVRE	50N4430	004E3522	99
BEL	20001	DAB-COM.FRANCAISE	12B	RTBF0006	PROFONDEVILLE	50N2119	004E5138	240
BEL	20001	DAB-COM.FRANCAISE	12B	RTBF0007	LIEGE	50N3446	005E3312	255
BEL	20001	DAB-COM.FRANCAISE	12B	RTBF0008	LEGLISE	49N4803	005E3915	497
BEL	20001	DAB-COM.FRANCAISE	12B	RTBF0009	AYE	50N1259	005E1727	274
BEL	20001	DAB-COM.FRANCAISE	12B	RTBF0010	VERVIERS	50N3659	005E5340	290
BEL	20001	DAB-COM.FRANCAISE	12B	RTBF0011	COUVIN	50N0353	004E3137	230
BEL	20001	DAB-COM.FRANCAISE	12B	RTBF0012	BIHAIN	50N1458	005E4415	639
BEL	20001	DAB-COM.FRANCAISE	12B	RTBF0013	BOUILLON	49N4803	005E0442	254
BEL	20001	DAB-COM.FRANCAISE	12B	RTBF0014	RONQUIERES	50N3721	004E1339	57

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
BEL	20001	DAB-COM.FRANCAISE	12B	RTBF0015	COMINES	50N4440	002E5437	30
BEL	20001	DAB-COM.FRANCAISE	12B	RTBF0018	FLOBECQ	50N4548	003E4155	150
BEL	20001	DAB-COM.FRANCAISE	12B	RTBF0019	Frameries	50N2307	003E5316	133
BEL	20001	DAB-COM.FRANCAISE	12B	RTBF0020	Malmedy	50N2436	005E5915	418
DNK	10001	NATIONWIDE (Central)	12C	001	MARGRETHEHOLM	55N4112	012E3647	2
DNK	10001	NATIONWIDE (Central)	12C	002	KOEBENHAVN VEST	55N4302	012E1419	10
DNK	10001	NATIONWIDE (Central)	12C	003	HOLSTEBRO	56N2310	008E4024	61
DNK	10001	NATIONWIDE (Central)	12C	004	SDRHOEJRUP	55N1702	010E2833	88
DNK	10001	NATIONWIDE (Central)	12C	005	AARHUS SKAADE	56N0558	010E1305	104
DNK	10001	NATIONWIDE (Central)	12C	006	AALBORG FREJLEV	57N0015	009E4931	52
DNK	10001	NATIONWIDE (Central)	12C	007	HELSINGBORG	56N0300	012E4300	40
DNK	10001	NATIONWIDE (Central)	12C	008	ESBJERG	55N2721	008E2712	4
DNK	10001	NATIONWIDE (Central)	12C	009	RANGSTRUP	55N0724	009E1114	82
DNK	10001	NATIONWIDE (Central)	12C	010	SLAGELSE	55N2239	011E2016	81
DNK	10001	NATIONWIDE (Central)	12C	011	TINGHOEJ	56N4228	009E5239	111
DNK	10001	NATIONWIDE (Central)	12C	012	VEJLE	55N4031	009E3013	106
DNK	10001	NATIONWIDE (Central)	12C	013	NAESTVED	55N1534	011E4847	62
DNK	10001	NATIONWIDE (Central)	12C	014	HADSTEN	56N1816	009E5840	69
DNK	10001	NATIONWIDE (Central)	12C	015	KOLDING	55N2827	009E2730	51
DNK	10001	NATIONWIDE (Central)	12C	016	NYKOEBING SJAELLAND	55N5455	011E3833	42
DNK	10001	NATIONWIDE (Central)	12C	017	KALUNDBORG	55N4042	011E0413	2
DNK	10001	NATIONWIDE (Central)	12C	018	OELGOD	55N4839	008E3342	54
DNK	10001	NATIONWIDE (Central)	12C	019	THISTED	56N5835	008E4101	30
DNK	10001	NATIONWIDE (Central)	12C	020	HERNING	56N0758	008E5635	56
DNK	10001	NATIONWIDE (Central)	12C	021	TOLNE	57N3004	010E1812	60
DNK	10001	NATIONWIDE (Central)	12C	022	KALVSLUND	55N2248	008E5144	17
DNK	10001	NATIONWIDE (Central)	12C	023	SKIVE	56N3403	009E0248	1
DNK	10001	NATIONWIDE (Central)	12C	024	GRENAA	56N2439	010E5501	2
DNK	10001	NATIONWIDE (Central)	12C	025	SKAGEN	57N4406	010E3417	4
DNK	10001	NATIONWIDE (Central)	12C	026	BROENDERSLEV	57N1635	009E5843	35
DNK	10001	NATIONWIDE (Central)	12C	027	LOEGSTOER	56N5654	009E1541	39
DNK	10001	NATIONWIDE (Central)	12C	028	VIBORGBY	56N2829	009E2650	43
DNK	10001	NATIONWIDE (Central)	12C	029	RINGKOEBING	56N0535	008E1658	11

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
DNK	10001	NATIONWIDE (Central)	12C	030	TOENDER	54N5721	008E5156	5
DNK	10001	NATIONWIDE (Central)	12C	031	JUELSMINDE	55N4354	009E5610	103
DNK	10001	NATIONWIDE (Central)	12C	032	SVENDBORGTVED	55N0541	010E3702	71
DNK	10001	NATIONWIDE (Central)	12C	033	TOMMESTRUP	55N1759	012E2645	38
DNK	10001	NATIONWIDE (Central)	12C	034	NYKOEBING FALSTER	54N4533	011E5906	12
DNK	10001	NATIONWIDE (Central)	12C	035	KOLLUND	54N5053	009E2648	41
DNK	10001	NATIONWIDE (Central)	12C	036	ANHOLT	56N4302	011E3113	41
DNK	10001	NATIONWIDE (Central)	12C	037	LAESOE	57N1610	011E0315	3
DNK	10001	NATIONWIDE (Central)	12C	038	STEGE	54N5925	012E1730	10
DNK	10001	NATIONWIDE (Central)	12C	039	NAKSKOV	54N5223	011E1153	8
DNK	10001	NATIONWIDE (Central)	12C	040	GILLELEJE	56N0641	012E1842	4
DNK	10001	NATIONWIDE (Central)	12C	041	SAMSOE	55N5123	010E3247	11
DNK	10001	NATIONWIDE (Central)	12C	042	LEMVIG	56N3225	008E1813	51
DNK	10001	NATIONWIDE (Central)	12C	043	DRONNINGLUND	57N0851	010E1312	22
DNK	10001	NATIONWIDE (Central)	12C	044	EBELTOFT	56N1052	010E4126	48
DNK	10001	NATIONWIDE (Central)	12C	045	SOENDERBORG	54N5526	009E4413	40
DNK	10001	NATIONWIDE (Central)	12C	046	MARIBO	54N4646	011E3037	13
DNK	10001	NATIONWIDE (Central)	12C	047	BREGNINGE	54N5404	010E1822	65
DNK	10001	NATIONWIDE (Central)	12C	048	GLADSAKSE	55N4407	012E2935	48
DNK	10001	NATIONWIDE (Central)	12C	049	HILLEROED	55N5509	012E2053	70
DNK	10001	NATIONWIDE (Central)	12C	050	SILKEBORG	56N1003	009E3133	41
DNK	10001	NATIONWIDE (Central)	12C	051	HAMMELEV	55N1540	009E2414	53
DNK	10001	NATIONWIDE (Central)	12C	052	HOLBAEK	55N4156	011E4357	21
DNK	10001	NATIONAL	12C	053	JYDERUP	55N4107	011E2746	11
DNK	10001	NATIONAL	12C	054	FJELLERUP	56N3029	010E3425	25
DNK	10001	NATIONAL	12C	055	SAEBY	57N1949	010E3042	11
DNK	10001	NATIONAL	12C	056	TAASINGE	55N0137	010E3650	69
DNK	10001	NATIONAL	12C	057	BRAEDSTRUP	55N5854	009E3725	118
DNK	10001	NATIONAL	12C	058	AABENRAA	55N0117	009E2641	34
DNK	10002	NATIONWIDE (Bornholm	12C	001	ROE	55N0938	014E5317	116
DNK	10002	NATIONWIDE (Bornholm	12C	002	BLYKOBBE	55N0807	014E4248	16
DNK	10002	NATIONWIDE (Bornholm	12C	003	HAMMEREN	55N1712	014E4536	82
DNK	10002	NATIONWIDE (Bornholm	12C	004	NEKSOE	55N0459	015E0804	52

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
DNK	10002	NATIONWIDE (Bornholm	12C	005	VESTER SOEMARKEN	55N0035	014E5816	20
DNK	10005	REGIONAL (East)	11C	001	Margreteholmen	55N4112	012E3647	3
DNK	10005	REGIONAL (East)	11C	002	Koebenhavn Vest	55N4300	012E1414	7
DNK	10005	REGIONAL (East)	11C	003	Sdr. Hoejrup	55N1659	010E2830	88
DNK	10005	REGIONAL (East)	11C	004	Helsingborg	56N0256	012E5258	40
DNK	10005	REGIONAL (East)	11C	005	Slagelse	55N2237	011E2012	81
DNK	10005	REGIONAL (East)	11C	006	Naestved	55N1532	011E4842	63
DNK	10005	REGIONAL (East)	11C	007	Nykoebing Sjaelland	55N5452	011E3830	41
DNK	10005	REGIONAL (East)	11C	008	Kalundborg	55N4042	011E0413	2
DNK	10005	REGIONAL (East)	11C	009	Tommestrup	55N1759	012E2645	38
DNK	10005	REGIONAL (East)	11C	010	Nykoebing Falster	54N4529	011E5903	12
DNK	10005	REGIONAL (East)	11C	011	Stege	54N5925	012E1730	10
DNK	10005	REGIONAL (East)	11C	012	Nakskov	54N5223	011E1153	8
DNK	10005	REGIONAL (East)	11C	013	Gilleleje	56N0641	012E1842	4
DNK	10005	REGIONAL (East)	11C	014	Maribo	54N4644	011E3032	13
DNK	10005	REGIONAL (East)	11C	015	Bregninge	54N5404	010E1822	65
DNK	10005	REGIONAL (East)	11C	016	Gladsakse	55N4405	012E2930	48
DNK	10005	REGIONAL (East)	11C	017	Hilleroed	55N5509	012E2053	70
DNK	10005	REGIONAL (East)	11C	018	Holbaek	55N4156	011E4357	21
DNK	10005	REGIONAL (East)	11C	019	Ejby	55N2631	009E5631	35
DNK	10005	REGIONAL (East)	11C	020	Taasinge	55N0137	010E3650	35
DNK	10005	REGIONAL (East)	11C	021	Jyderup	55N4107	011E2746	11
DNK	10007	REGIONAL (Bornholm)	11C	001	ROE	55N0938	014E5317	116
DNK	10007	REGIONAL (Bornholm)	11C	002	BLYKOBBE	55N0807	014E4248	16
DNK	10007	REGIONAL (Bornholm)	11C	003	HAMMEREN	55N1712	014E4536	82
DNK	10007	REGIONAL (Bornholm)	11C	004	NEKSOE	55N0459	015E0804	52
DNK	10007	REGIONAL (Bornholm)	11C	005	VESTER SOEMARKEN	55N0035	014E5816	20
D__	00001	SCHLESWIG-HOLSTEIN	12D	001	BREDSTEDT	54N3845	008E5643	40
D__	00001	SCHLESWIG-HOLSTEIN	12D	002	BUNGSBERG	54N1240	010E4332	155
D__	00001	SCHLESWIG-HOLSTEIN	12D	003	ELMSHORN	53N4507	009E4105	7
D__	00001	SCHLESWIG-HOLSTEIN	12D	004	FLENSBURG	54N4734	009E3017	50
D__	00001	SCHLESWIG-HOLSTEIN	12D	005	HEIDE	54N1148	009E1458	58
D__	00001	SCHLESWIG-HOLSTEIN	12D	006	HENSTEDT ULZBURG	53N4850	010E0237	84

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
D__	00001	SCHLESWIG-HOLSTEIN	12D	007	KIEL	54N2004	010E0408	27
D__	00001	SCHLESWIG-HOLSTEIN	12D	008	LUEBECK	53N4531	010E3836	3
D__	00001	SCHLESWIG-HOLSTEIN	12D	009	MOELLN	53N3434	010E3234	54
D__	00001	SCHLESWIG-HOLSTEIN	12D	010	NEUMUENSTER	53N5853	009E5104	14
D__	00001	SCHLESWIG-HOLSTEIN	12D	011	SCHLESWIG	54N3143	009E3149	49
D__	00001	SCHLESWIG-HOLSTEIN	12D	012	SYLT	54N5224	008E2816	5
D__	00002	HAMBURG	12C	001	HAMBURG	53N3353	009E5838	24
D__	00002	HAMBURG	12C	002	HAMBURG MOORFLEET	53N3114	010E0614	4
D__	00002	HAMBURG	12C	003	CUXHAVEN	53N5126	008E4045	4
D__	00004	BREMEN UND BREMERHV.	6C	001	Bremen	53N0547	008E4735	3
D__	00004	BREMEN UND BREMERHV.	6C	001	Schiffdorf	53N3121	008E3901	9
D__	00003	NIEDERSACHSEN	12A	001	AURICH	53N2747	007E3026	6
D__	00003	NIEDERSACHSEN	12A	002	BAD ROTHENFELDE	52N0656	008E0746	202
D__	00003	NIEDERSACHSEN	12A	003	BERGEN	52N5110	009E5429	93
D__	00003	NIEDERSACHSEN	12A	004	BRAMSCHE ENGTER	52N2234	008E0151	111
D__	00003	NIEDERSACHSEN	12A	005	BRAUNSCHWEIG DRACHEN	52N1308	010E4702	297
D__	00003	NIEDERSACHSEN	12A	006	CUXHAVEN	53N5126	008E4045	4
D__	00003	NIEDERSACHSEN	12A	008	GOETTINGEN	51N3503	009E5726	348
D__	00003	NIEDERSACHSEN	12A	009	HANN MUENDEN	51N2440	009E3956	240
D__	00003	NIEDERSACHSEN	12A	010	HANNOVER	52N2340	009E4803	56
D__	00003	NIEDERSACHSEN	12A	011	HANNOVER HEMMINGEN	52N1945	009E4416	53
D__	00003	NIEDERSACHSEN	12A	012	HARZ	51N4810	010E3201	814
D__	00003	NIEDERSACHSEN	12A	013	HOLZMINDEN	51N5026	009E2350	210
D__	00003	NIEDERSACHSEN	12A	014	LINGEN	52N3211	007E2114	25
D__	00003	NIEDERSACHSEN	12A	017	ROSENGARTEN	53N2356	009E5201	140
D__	00003	NIEDERSACHSEN	12A	018	SCHIFFDORF	53N3121	008E3901	9
D__	00003	NIEDERSACHSEN	12A	019	SIBBESSE	52N0346	009E5743	339
D__	00003	NIEDERSACHSEN	12A	020	STADTHAGEN	52N1538	009E1208	349
D__	00003	NIEDERSACHSEN	12A	021	STEINKIMMEN	53N0242	008E2730	25
D__	00003	NIEDERSACHSEN	12A	022	UELZEN BOKEL	52N4741	010E3201	123
D__	00003	NIEDERSACHSEN	12A	023	VISSELHOEVEDE	52N5845	009E3630	72
D__	00003	NIEDERSACHSEN	12A	024	DANNENBERG	53N0401	010E5355	94
D__	00003	NIEDERSACHSEN	12A	025	HILDESHEIM	52N0706	009E5353	169

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
D__	00003	NIEDERSACHSEN	12A	026	LUENEBURG	53N1518	010E3035	77
D__	00003	NIEDERSACHSEN	12A	027	WESENDORF	52N3401	010E2813	62
D__	00005	NORDRHEIN-WESTFALEN	12D	001	Aachen	50N4648	006E1441	287
D__	00005	NORDRHEIN-WESTFALEN	12D	002	Arnsberg	51N2410	008E0344	256
D__	00005	NORDRHEIN-WESTFALEN	12D	003	Bad Oeynhausen	52N1446	008E5402	271
D__	00005	NORDRHEIN-WESTFALEN	12D	004	Bonn Venusberg	50N4232	007E0550	170
D__	00005	NORDRHEIN-WESTFALEN	12D	005	Duesseldorf	51N1320	006E4609	36
D__	00005	NORDRHEIN-WESTFALEN	12D	006	Ederkopf	50N5643	008E1248	674
D__	00005	NORDRHEIN-WESTFALEN	12D	007	Eifel Baerbelkreuz	50N2525	006E2736	650
D__	00005	NORDRHEIN-WESTFALEN	12D	008	Herford	52N0847	008E4333	232
D__	00005	NORDRHEIN-WESTFALEN	12D	009	Hohe Warte	50N5850	007E2748	355
D__	00005	NORDRHEIN-WESTFALEN	12D	010	Ibbenbueren	52N1630	007E4908	174
D__	00005	NORDRHEIN-WESTFALEN	12D	011	Kleve	51N4715	006E0643	98
D__	00005	NORDRHEIN-WESTFALEN	12D	012	Langenberg	51N2121	007E0807	240
D__	00005	NORDRHEIN-WESTFALEN	12D	013	Marsberg	51N2742	008E5151	380
D__	00005	NORDRHEIN-WESTFALEN	12D	014	Meegen	50N5754	007E1649	241
D__	00005	NORDRHEIN-WESTFALEN	12D	015	Meschede	51N2042	008E1638	322
D__	00005	NORDRHEIN-WESTFALEN	12D	016	Monschau	50N3328	006E1435	495
D__	00005	NORDRHEIN-WESTFALEN	12D	017	Muenster	51N5759	007E2134	177
D__	00005	NORDRHEIN-WESTFALEN	12D	018	Nordhelle	51N0856	007E4526	663
D__	00005	NORDRHEIN-WESTFALEN	12D	019	Oelde	51N4624	008E0733	173
D__	00005	NORDRHEIN-WESTFALEN	12D	020	Olsberg	51N2025	008E3018	701
D__	00005	NORDRHEIN-WESTFALEN	12D	021	Siegen	50N5309	008E0229	356
D__	00005	NORDRHEIN-WESTFALEN	12D	022	Stemwede	52N2621	008E2517	179
D__	00005	NORDRHEIN-WESTFALEN	12D	023	Teutoburger Wald	51N5426	008E4921	390
D__	00005	NORDRHEIN-WESTFALEN	12D	024	Ville	50N5746	006E4220	200
D__	00005	NORDRHEIN-WESTFALEN	12D	025	Wuppertal	51N1420	007E0719	282
D__	00005	NORDRHEIN-WESTFALEN	12D	026	Bielefeld	52N0058	008E2830	310
D__	00005	NORDRHEIN-WESTFALEN	12D	027	Burscheid	51N0713	007E0602	232
D__	00005	NORDRHEIN-WESTFALEN	12D	028	Colonius	50N5654	006E5558	49
D__	00005	NORDRHEIN-WESTFALEN	12D	029	Dortmund Schwerte	51N2748	007E3240	210
D__	00005	NORDRHEIN-WESTFALEN	12D	030	Hallenberg	51N0933	008E3642	749
D__	00005	NORDRHEIN-WESTFALEN	12D	031	Hochsauerland	51N1226	008E2241	795

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
D__	00005	NORDRHEIN-WESTFALEN	12D	032	Hoexter	51N4347	009E2919	452
D__	00005	NORDRHEIN-WESTFALEN	12D	033	Muenster Stadt	51N5705	007E4002	56
D__	00005	NORDRHEIN-WESTFALEN	12D	034	Schleiden	50N3137	006E2940	533
D__	00005	NORDRHEIN-WESTFALEN	12D	035	Siegen Sued	50N5037	008E0207	460
D__	00005	NORDRHEIN-WESTFALEN	12D	036	Viersen	51N1702	006E2054	86
D__	00005	NORDRHEIN-WESTFALEN	12D	038	Warburg	51N2959	009E0942	229
D__	00005	NORDRHEIN-WESTFALEN	12D	039	Wesel	51N3901	006E3443	21
D__	00005	NORDRHEIN-WESTFALEN	12D	040	Gelsenkirchen	51N3615	007E0052	212
D__	00005	NORDRHEIN-WESTFALEN	12D	041	Meschede Wenholthaus	51N1814	008E1140	584
D__	00005	NORDRHEIN-WESTFALEN	12D	042	Waldbroel 2	50N5254	007E4028	390
D__	00006	HESSEN	12C	001	Giessen Duensberg	50N3908	008E3453	489
D__	00006	HESSEN	12C	002	Friedberg	50N1938	008E3940	516
D__	00006	HESSEN	12C	003	Gr Feldberg Taunus	50N1401	008E2730	879
D__	00006	HESSEN	12C	004	Habichtswald	51N1854	009E2049	597
D__	00006	HESSEN	12C	005	Alzenau	50N0448	009E0638	428
D__	00006	HESSEN	12C	006	Hohe Wurzel	50N0636	008E0805	608
D__	00006	HESSEN	12C	007	Krehberg	49N4105	008E4354	575
D__	00006	HESSEN	12C	008	Biedenkopf	50N5725	008E3210	671
D__	00006	HESSEN	12C	009	Driedorf	50N3844	008E0901	642
D__	00006	HESSEN	12C	010	Fulda	50N3617	009E4040	413
D__	00006	HESSEN	12C	011	Hoher Meissner	51N1230	009E5057	705
D__	00006	HESSEN	12C	012	Hohes Lohr	51N0136	009E0117	653
D__	00006	HESSEN	12C	013	Homberg Efze	51N0005	009E2704	463
D__	00006	HESSEN	12C	014	Vogelsberg	50N3042	009E1340	753
D__	00006	HESSEN	12C	015	Alsfeld	50N4350	009E1926	449
D__	00006	HESSEN	12C	016	Bad Hersfeld	50N5038	009E4559	458
D__	00006	HESSEN	12C	017	Dieburg	49N5420	008E4625	227
D__	00006	HESSEN	12C	018	Hofgeismar	51N3116	009E2100	387
D__	00006	HESSEN	12C	019	Korbach	51N1637	008E5311	388
D__	00006	HESSEN	12C	020	Mannheim	49N2916	008E2936	96
D__	00006	HESSEN	12C	021	Marburg	50N4932	008E4743	360
D__	00006	HESSEN	12C	022	Michelstadt	49N4157	009E0121	400
D__	00006	HESSEN	12C	023	Ebersburg	50N2753	009E4955	608

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
D__	00006	HESSEN	12C	024	Gelnhausen	50N1236	009E1240	323
D__	00006	HESSEN	12C	025	Hardberg	49N3228	008E4817	592
D__	00006	HESSEN	12C	026	Limburg	50N2347	008E0126	183
D__	00006	HESSEN	12C	027	Niederwald	49N5902	007E5331	347
D__	00006	HESSEN	12C	028	Ruesselsheim	49N5836	008E2615	91
D__	00006	HESSEN	12C	029	Schluechtern	50N2242	009E3342	465
D__	00006	HESSEN	12C	031	FRANKFURT MAIN	50N0810	008E3921	117
D__	00006	HESSEN	12C	033	Kassel Stadt	51N1914	009E2814	214
D__	00007	RHEINLAND-PFALZ	12A	001	Alf Bullay	50N0302	007E0907	336
D__	00007	RHEINLAND-PFALZ	12A	002	Annweiler	49N1235	007E5708	471
D__	00007	RHEINLAND-PFALZ	12A	003	Bad Bergzabern Hohe	49N0514	007E5450	527
D__	00007	RHEINLAND-PFALZ	12A	004	Bad Kreuznach Schanz	49N4940	007E5006	313
D__	00007	RHEINLAND-PFALZ	12A	005	Bad Marienberg	50N3954	007E5735	556
D__	00007	RHEINLAND-PFALZ	12A	006	Bingen	49N5847	007E5332	290
D__	00007	RHEINLAND-PFALZ	12A	007	Bitburg Stahl	49N5803	006E2949	268
D__	00007	RHEINLAND-PFALZ	12A	008	Boppard	50N1114	007E3619	509
D__	00007	RHEINLAND-PFALZ	12A	009	Bornberg	49N3344	007E3237	520
D__	00007	RHEINLAND-PFALZ	12A	010	Cochem	50N0803	007E0949	262
D__	00007	RHEINLAND-PFALZ	12A	011	Daubach Westerwald	50N2323	007E5030	312
D__	00007	RHEINLAND-PFALZ	12A	012	Diezad Lahn	50N2211	008E0048	114
D__	00007	RHEINLAND-PFALZ	12A	013	Donnersberg	49N3732	007E5528	670
D__	00007	RHEINLAND-PFALZ	12A	014	Eifel	50N1312	006E4504	674
D__	00007	RHEINLAND-PFALZ	12A	015	Ettlingen Wattkopf	48N5628	008E2541	332
D__	00007	RHEINLAND-PFALZ	12A	016	Glan Muenchweiler	49N2830	007E2729	343
D__	00007	RHEINLAND-PFALZ	12A	017	Haardtkopf	49N5048	007E0318	650
D__	00007	RHEINLAND-PFALZ	12A	018	Heidelberg	49N2413	008E4343	563
D__	00007	RHEINLAND-PFALZ	12A	019	Hohe Wurzel	50N0636	008E0758	608
D__	00007	RHEINLAND-PFALZ	12A	020	Idar Oberstein Hills	49N4055	007E1945	506
D__	00007	RHEINLAND-PFALZ	12A	021	Idar Oberstein III	49N4634	007E1517	634
D__	00007	RHEINLAND-PFALZ	12A	022	Kaiserslautern	49N2449	007E4430	399
D__	00007	RHEINLAND-PFALZ	12A	023	Kaub	50N0503	007E4649	247
D__	00007	RHEINLAND-PFALZ	12A	024	Kettrichhof	49N0843	007E3515	439
D__	00007	RHEINLAND-PFALZ	12A	025	Koblenz Stadt	50N2107	007E3515	73

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
D__	00007	RHEINLAND-PFALZ	12A	026	Koblenz Waldesch	50N1541	007E3117	409
D__	00007	RHEINLAND-PFALZ	12A	027	Linz	50N3437	007E2033	365
D__	00007	RHEINLAND-PFALZ	12A	028	Mainz Kastel	50N0125	008E1643	85
D__	00007	RHEINLAND-PFALZ	12A	029	Nassau Lahn	50N1824	007E4821	169
D__	00007	RHEINLAND-PFALZ	12A	030	Oberes Ahrtal	50N3022	007E0105	505
D__	00007	RHEINLAND-PFALZ	12A	031	Offhausen	50N4823	007E5511	441
D__	00007	RHEINLAND-PFALZ	12A	032	Ormont Hallschlag	50N1917	006E2700	649
D__	00007	RHEINLAND-PFALZ	12A	033	Pruem	50N1241	006E2432	557
D__	00007	RHEINLAND-PFALZ	12A	034	Rheinboellen	49N5910	007E4230	510
D__	00007	RHEINLAND-PFALZ	12A	035	Saarburg	49N3747	006E3650	446
D__	00007	RHEINLAND-PFALZ	12A	036	Schnee Eifel	50N1529	006E2146	695
D__	00007	RHEINLAND-PFALZ	12A	037	Trier Petrisberg	49N4520	006E3956	260
D__	00007	RHEINLAND-PFALZ	12A	038	Trier	49N4529	006E3650	293
D__	00007	RHEINLAND-PFALZ	12A	039	Waxweiler	50N0527	006E2105	469
D__	00007	RHEINLAND-PFALZ	12A	040	Weibern	50N2417	007E0819	409
D__	00007	RHEINLAND-PFALZ	12A	041	Weinbiet	49N2239	008E0720	528
D__	00007	RHEINLAND-PFALZ	12A	042	Zweibruecken Ixheim	49N1418	007E2118	268
D__	00007	RHEINLAND-PFALZ	12A	043	Koblenz Kuehkopf	50N1837	007E3413	383
D__	00008	BAYERN	12D	000	Passau Dommelstadl	48N3205	013E2417	485
D__	00008	BAYERN	12D	001	Alzenau	50N0448	009E0638	407
D__	00008	BAYERN	12D	002	Amberg	49N3025	012E0022	669
D__	00008	BAYERN	12D	003	Augsburg	48N2327	010E5936	510
D__	00008	BAYERN	12D	004	Bamberg Geisberg	49N5324	011E0349	576
D__	00008	BAYERN	12D	005	Brotjackelriegel	48N4905	013E1307	997
D__	00008	BAYERN	12D	006	Buettelberg	49N2457	010E2246	512
D__	00008	BAYERN	12D	007	Burgsinn	50N0903	009E4006	399
D__	00008	BAYERN	12D	008	Coburg	50N1515	010E5914	409
D__	00008	BAYERN	12D	009	Deggendorf	48N5057	012E5626	403
D__	00008	BAYERN	12D	010	Dillberg	49N1930	011E2259	588
D__	00008	BAYERN	12D	011	Eichstaett	48N5417	011E0949	521
D__	00008	BAYERN	12D	012	Gelbelsee	48N5650	011E2550	534
D__	00008	BAYERN	12D	013	Gruenten	47N3315	010E1907	1690
D__	00008	BAYERN	12D	014	Herzogstand	47N3628	011E1903	1519

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
D__	00008	BAYERN	12D	015	Hochberg	47N5033	012E3919	760
D__	00008	BAYERN	12D	016	Hof	50N2005	011E5607	548
D__	00008	BAYERN	12D	017	Hohe Linie	49N0226	012E1024	462
D__	00008	BAYERN	12D	018	Hohenpeissenberg	47N4807	011E0133	926
D__	00008	BAYERN	12D	019	HoherBogen	49N1501	012E5333	902
D__	00008	BAYERN	12D	020	Huehnerberg	48N4712	010E4010	550
D__	00008	BAYERN	12D	021	Ismaning	48N1520	011E4436	481
D__	00008	BAYERN	12D	022	Kinberg	47N3556	009E5012	808
D__	00008	BAYERN	12D	023	Kreuzberg	50N2215	009E5851	921
D__	00008	BAYERN	12D	024	Landshut	48N3415	012E0648	460
D__	00008	BAYERN	12D	025	LindauHoyerberg	47N3359	009E4030	432
D__	00008	BAYERN	12D	026	Miltenberg	49N4105	009E1627	471
D__	00008	BAYERN	12D	027	Mittelneufnach	48N0750	010E3420	626
D__	00008	BAYERN	12D	028	Muenchen,Funkhaus	48N0838	011E3318	520
D__	00008	BAYERN	12D	029	Nuernberg	49N2537	011E0225	314
D__	00008	BAYERN	12D	030	Oberammergau	47N3513	011E0615	1631
D__	00008	BAYERN	12D	031	Ochsenkopf	50N0153	011E4836	1009
D__	00008	BAYERN	12D	032	Passau 2	48N3135	013E2924	493
D__	00008	BAYERN	12D	033	Pfaffenberg	49N5602	009E1429	395
D__	00008	BAYERN	12D	034	Pfaffenhofen Ilm	48N3240	011E2558	506
D__	00008	BAYERN	12D	035	Pfarrkirchen	48N2423	012E5316	455
D__	00008	BAYERN	12D	036	Ulm	48N2300	009E5700	567
D__	00008	BAYERN	12D	037	Untersberg Geiereck	47N4324	013E0037	1497
D__	00008	BAYERN	12D	038	Wendelstein	47N4216	012E0050	1741
D__	00008	BAYERN	12D	039	Wuerzburg	49N4655	009E5427	351
D__	00008	BAYERN	12D	041	INGOLSTADT AUDI	48N4703	011E2511	375
D__	00008	BAYERN	12D	043	DINGOLFING BMW	48N3847	012E2809	358
D__	00008	BAYERN	12D	045	Muenchen Olympiaturm	48N1031	011E3317	511
D__	00009	SAARLAND	8B	001	Tholey	49N2914	007E0150	541
D__	00009	SAARLAND	8B	002	Goettelborner Hoehe	49N2030	007E0103	440
D__	00009	SAARLAND	8B	003	Saarbruecken Halberg	49N1326	007E0200	276
D__	00009	SAARLAND	8B	004	Moseltal	49N2803	006E2351	337
D__	00009	SAARLAND	8B	005	Saarbruecken Schoksb	49N1733	006E5520	370

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
D__	00009	SAARLAND	8B	002	Mettlach	49N2924	006E3510	290
D__	00009	SAARLAND	8B	007	Bliestal	49N1451	007E1650	330
D__	00010	BADEN-WUERTTEMBERG	12B	001	Aalen	48N5141	010E0820	720
D__	00010	BADEN-WUERTTEMBERG	12B	002	Alpirsbach	48N2015	008E2424	685
D__	00010	BADEN-WUERTTEMBERG	12B	003	Baden Baden Merkur	48N4555	008E1653	615
D__	00010	BADEN-WUERTTEMBERG	12B	004	Baden Baden HDT	48N4520	008E1334	239
D__	00010	BADEN-WUERTTEMBERG	12B	005	Bad Mergentheim	49N3028	009E4710	353
D__	00010	BADEN-WUERTTEMBERG	12B	006	Bad Peterstal	48N2554	008E1349	820
D__	00010	BADEN-WUERTTEMBERG	12B	007	Bad Urach	48N2916	009E2354	574
D__	00010	BADEN-WUERTTEMBERG	12B	008	Baiersbronn	48N3057	008E2200	683
D__	00010	BADEN-WUERTTEMBERG	12B	009	Biberach	48N0558	009E4812	600
D__	00010	BADEN-WUERTTEMBERG	12B	010	Blaubeuren	48N2358	009E4745	571
D__	00010	BADEN-WUERTTEMBERG	12B	011	Blauen	47N4646	007E4207	1112
D__	00010	BADEN-WUERTTEMBERG	12B	012	Bopfingen Karkstein	48N5219	010E2014	528
D__	00010	BADEN-WUERTTEMBERG	12B	013	Brandenkopf	48N2021	008E0916	928
D__	00010	BADEN-WUERTTEMBERG	12B	014	Creglingen	49N2823	010E0225	369
D__	00010	BADEN-WUERTTEMBERG	12B	015	Donaueschingen	47N5320	008E3440	910
D__	00010	BADEN-WUERTTEMBERG	12B	016	Eberbach	49N2722	008E5809	307
D__	00010	BADEN-WUERTTEMBERG	12B	017	Eggberg	47N3438	007E5654	678
D__	00010	BADEN-WUERTTEMBERG	12B	018	Ettlingen Wattkopf	48N5628	008E2541	332
D__	00010	BADEN-WUERTTEMBERG	12B	019	Feldberg Schwarzwald	47N5225	008E0023	1481
D__	00010	BADEN-WUERTTEMBERG	12B	021	Freudenberg	49N4516	009E1830	293
D__	00010	BADEN-WUERTTEMBERG	12B	022	Geislingen	48N3709	009E4712	726
D__	00010	BADEN-WUERTTEMBERG	12B	023	Geingen and der Brenz	48N3708	010E1437	464
D__	00010	BADEN-WUERTTEMBERG	12B	024	Grenzach Wyhlen	47N3216	007E4033	266
D__	00010	BADEN-WUERTTEMBERG	12B	025	Heidelberg	49N2415	008E4343	545
D__	00010	BADEN-WUERTTEMBERG	12B	026	Heidenheim Schmitten	48N4104	010E0942	567
D__	00010	BADEN-WUERTTEMBERG	12B	027	Heilbronn Schweinsbe	49N0644	009E1503	366
D__	00010	BADEN-WUERTTEMBERG	12B	028	Hirsau	48N4430	008E4335	459
D__	00010	BADEN-WUERTTEMBERG	12B	029	Hohe Moehr	47N4137	007E5226	933
D__	00010	BADEN-WUERTTEMBERG	12B	030	Hornisgrinde	48N3642	008E1210	1120
D__	00010	BADEN-WUERTTEMBERG	12B	031	Lahr	48N2058	007E5131	278
D__	00010	BADEN-WUERTTEMBERG	12B	033	Langenburg	49N1553	009E5228	489

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
D__	00010	BADEN-WUERTTEMBERG	12B	034	Moetzingen	48N3214	008E4608	550
D__	00010	BADEN-WUERTTEMBERG	12B	035	Mudau	49N2830	009E0659	559
D__	00010	BADEN-WUERTTEMBERG	12B	037	Murgtal	48N4141	008E2342	967
D__	00010	BADEN-WUERTTEMBERG	12B	038	Oberberken	48N4650	009E3329	511
D__	00010	BADEN-WUERTTEMBERG	12B	039	Oberkirch Baden	48N3146	008E0340	200
D__	00010	BADEN-WUERTTEMBERG	12B	040	Pforzheim Ispringen	48N5519	008E4123	352
D__	00010	BADEN-WUERTTEMBERG	12B	041	Raichberg	48N1827	008E5933	943
D__	00010	BADEN-WUERTTEMBERG	12B	042	Ravensburg	47N4922	009E2401	833
D__	00010	BADEN-WUERTTEMBERG	12B	043	Schramberg	48N1331	008E2245	598
D__	00010	BADEN-WUERTTEMBERG	12B	044	Schwaebisch Gmuend	48N4718	009E4819	398
D__	00010	BADEN-WUERTTEMBERG	12B	045	Sigmaringen	48N0537	009E1321	623
D__	00010	BADEN-WUERTTEMBERG	12B	046	Stuttgart Degerloch	48N4519	009E1131	479
D__	00010	BADEN-WUERTTEMBERG	12B	047	Stuttgart Stadt	48N4741	009E1217	230
D__	00010	BADEN-WUERTTEMBERG	12B	048	Ulm (Kuhberg)	48N2300	009E5700	567
D__	00010	BADEN-WUERTTEMBERG	12B	049	Villingen Schwenning	48N0145	008E2845	741
D__	00010	BADEN-WUERTTEMBERG	12B	050	Vogtsburg	48N0454	007E4012	546
D__	00010	BADEN-WUERTTEMBERG	12B	051	Waldburg	47N4627	009E4336	759
D__	00010	BADEN-WUERTTEMBERG	12B	052	Waldenburg	49N1105	009E3740	488
D__	00010	BADEN-WUERTTEMBERG	12B	053	Waldshut Kapellenber	47N3719	008E1339	420
D__	00010	BADEN-WUERTTEMBERG	12B	054	Wannenberg	47N3612	008E2428	648
D__	00010	BADEN-WUERTTEMBERG	12B	055	Weinbiet	49N2239	008E0720	528
D__	00010	BADEN-WUERTTEMBERG	12B	056	Wertheim	49N4528	009E3127	268
D__	00010	BADEN-WUERTTEMBERG	12B	057	Wiesensteig	48N3348	009E3809	783
D__	00010	BADEN-WUERTTEMBERG	12B	058	Witthoh	47N5614	008E4943	855
D__	00010	BADEN-WUERTTEMBERG	12B	059	Wittigbachtal	49N3609	009E4448	267
D__	00010	BADEN-WUERTTEMBERG	12B	060	Zwiefalten	48N1328	009E2759	666
D__	00010	BADEN-WUERTTEMBERG	12B	066	Langenbrand	48N4831	008E3731	699
D__	00011	MECKLENBURG-V. WEST	12B	001	ROSTOCK	54N0418	012E0448	45
D__	00011	MECKLENBURG-V. WEST	12B	002	SCHWERIN	53N3539	011E2733	71
D__	00011	MECKLENBURG-V. WEST	12B	003	MARLOW	54N0943	012E3403	35
D__	00011	MECKLENBURG-V. WEST	12B	004	ROEBEL	53N2350	012E2757	106
D__	00011	MECKLENBURG-V. WEST	12B	005	GREVESMUEHLEN	53N5220	011E1403	81
D__	00011	MECKLENBURG-V. WEST	12B	006	GUESTROW	53N4927	012E1028	12

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
D__	00012	BRANDENBURG WEST	12D	000	LAUCHHAMMER	51N2813	013E4404	92
D__	00012	BRANDENBURG WEST	12D	001	Berlin Alex	52N3120	013E2440	
D__	00012	BRANDENBURG WEST	12D	002	Calau	51N4436	013E5638	
D__	00012	BRANDENBURG WEST	12D	003	Cottbus	51N4314	014E2035	
D__	00012	BRANDENBURG WEST	12D	004	Dippmannsdorf	52N1142	012E3350	
D__	00012	BRANDENBURG WEST	12D	005	Michendorf	52N1903	013E0102	
D__	00012	BRANDENBURG WEST	12D	006	Hohenleipisch	51N3028	013E3320	
D__	00012	BRANDENBURG WEST	12D	007	Petkus	51N5848	013E2104	
D__	00012	BRANDENBURG WEST	12D	008	Pritzwalk	53N0621	012E1056	
D__	00012	BRANDENBURG WEST	12D	009	Rauener Berge	52N1918	014E0225	
D__	00012	BRANDENBURG WEST	12D	010	Rhinow	52N4417	012E2112	
D__	00012	BRANDENBURG WEST	12D	011	Zuehlen	53N0329	012E4723	
D__	00012	BRANDENBURG WEST	12D	012	Guben	51N5736	014E4047	
D__	00012	BRANDENBURG WEST	12D	014	Eisenhuettenstadt	52N0710	014E3413	
D__	00012	BRANDENBURG WEST	12D	015	Pinnow	53N1220	011E3842	
D__	00013	SACHSEN-ANHALT	12C	001	Brocken	51N4805	010E3658	
D__	00013	SACHSEN-ANHALT	12C	002	Dequede	52N4951	011E4128	
D__	00013	SACHSEN-ANHALT	12C	003	Dolle	52N2605	011E3818	
D__	00013	SACHSEN-ANHALT	12C	004	Halle Petersberg	51N3548	011E5731	
D__	00013	SACHSEN-ANHALT	12C	005	Naumburg	51N0829	011E4813	
D__	00013	SACHSEN-ANHALT	12C	006	Schoenebeck	52N0216	011E3959	
D__	00013	SACHSEN-ANHALT	12C	007	Wittenberg	51N5224	012E3458	
D__	00013	SACHSEN-ANHALT	12C	008	Zeitz	51N0149	012E1031	
D__	00013	SACHSEN-ANHALT	12C	009	Helbra	51N3337	011E2854	
D__	00013	SACHSEN-ANHALT	12C	010	Kulpenberg	51N2444	011E0438	
D__	00013	SACHSEN-ANHALT	12C	011	Salzwedel	52N5210	011E0956	
D__	00013	SACHSEN-ANHALT	12C	012	Blankenburg	51N4806	010E5637	
D__	00013	SACHSEN-ANHALT	12C	013	Jerichow	52N2943	012E0206	
D__	00013	SACHSEN-ANHALT	12C	014	Kloetze	52N3656	011E1211	
D__	00014	BERLIN	8C	001	Berlin Scholzplatz	52N3025	013E1314	64
D__	00014	BERLIN	8C	002	Berlin Marzahn	52N3317	013E3356	54
D__	00014	BERLIN	8C	003	Berlin Britz	52N2657	013E2600	40
D__	00014	BERLIN	8C	004	Berlin Rudow	52N2525	013E2915	37

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
D__	00015	THUERINGEN	12B	000	Steinbach Hallenberg	50N4202	010E3331	495
D__	00015	THUERINGEN	12B	001	Eisenach	50N5936	010E1930	
D__	00015	THUERINGEN	12B	002	Eisenberg 4	50N5910	011E5400	
D__	00015	THUERINGEN	12B	003	Triptis	50N4511	011E5058	
D__	00015	THUERINGEN	12B	004	Jena Ossmaritz	50N5253	011E3402	
D__	00015	THUERINGEN	12B	005	Weimar 2	51N0054	011E1537	
D__	00015	THUERINGEN	12B	006	Saalfeld Remda	50N4629	011E1059	
D__	00015	THUERINGEN	12B	007	Inselsberg	50N5107	010E2807	
D__	00015	THUERINGEN	12B	008	Gera Ronneburg	50N4841	012E1309	
D__	00015	THUERINGEN	12B	009	Sieglitzberg	50N2542	011E3700	
D__	00015	THUERINGEN	12B	010	Kickelhahn	50N3959	010E5300	
D__	00015	THUERINGEN	12B	011	Suhl Erleshuegel	50N3646	010E4448	
D__	00015	THUERINGEN	12B	012	Kulpenberg	51N2444	011E0438	
D__	00015	THUERINGEN	12B	013	Keulaer Wald	51N2008	010E3205	
D__	00015	THUERINGEN	12B	014	Dingelstaedt	51N2058	010E1655	
D__	00015	THUERINGEN	12B	015	Schmiedefeld Rwg	50N3242	011E1312	
D__	00015	THUERINGEN	12B	016	Geismar	51N1312	010E0930	
D__	00015	THUERINGEN	12B	017	Erbenhausen	50N3503	010E0924	
D__	00015	THUERINGEN	12B	018	Schleid	50N4058	009E5706	
D__	00015	THUERINGEN	12B	019	Altenburg	50N5958	012E2727	210
D__	00015	THUERINGEN	12B	020	Heiligenstadt	51N2337	010E0810	
D__	00015	THUERINGEN	12B	021	Sonneberg	50N2654	011E0024	
D__	00015	THUERINGEN	12B	022	Pless	50N4440	010E1445	
D__	00015	THUERINGEN	12B	023	Saalfeld	50N4105	011E2215	
D__	00015	THUERINGEN	12B	024	Steinach2	50N2542	011E1012	
D__	00015	THUERINGEN	12B	025	Greiz1	50N3901	012E1233	
D__	00015	THUERINGEN	12B	026	Meuselwitz	51N0320	012E1700	
D__	00015	THUERINGEN	12B	027	Dietlas	50N4918	010E0437	
D__	00015	THUERINGEN	12B	028	Meinigen2	50N3348	010E2548	
D__	00015	THUERINGEN	12B	029	Mengersgereuth Haemm	50N2404	011E0744	
D__	00015	THUERINGEN	12B	030	Giessuebel	50N3224	010E5506	
D__	00015	THUERINGEN	12B	031	Arenshausen	51N2315	010E0021	
D__	00015	THUERINGEN	12B	032	Treffurt	51N0836	010E1439	

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
D__	00015	THUERINGEN	12B	033	Juechsen	50N2918	010E2824	
D__	00015	THUERINGEN	12B	034	Unterschoenau	50N4236	010E3457	
D__	00016	SACHSEN WEST	12A	001	Chemnitz Totenstein	50N3934	012E4649	
D__	00016	SACHSEN WEST	12A	002	Dresden Wachwitz	51N0228	013E5026	
D__	00016	SACHSEN WEST	12A	003	Freiberg	50N5544	013E2128	
D__	00016	SACHSEN WEST	12A	004	Leipzig Holzhausen	51N1900	012E2659	
D__	00016	SACHSEN WEST	12A	005	Marienberg	50N3930	013E0735	
D__	00016	SACHSEN WEST	12A	006	Oschatz	51N1817	013E0040	
D__	00016	SACHSEN WEST	12A	007	Reichenbach	50N3603	012E1326	
D__	00016	SACHSEN WEST	12A	008	Schwarzenberg	50N3439	012E4724	
D__	00016	SACHSEN WEST	12A	009	Wilkau Hasslau	50N4006	012E3018	
D__	00016	SACHSEN WEST	12A	010	Schoeneck	50N2406	012E2106	
D__	00016	SACHSEN WEST	12A	011	Frauenstein	50N4758	013E3216	
D__	00016	SACHSEN WEST	12A	012	Hartha	51N0616	012E5739	
D__	00120	MECKLENBURG-V. OS	5C	001	Helpterberg	53N2906	013E3614	145
D__	00120	MECKLENBURG-V. OS	5C	002	Neusterlitz	53N2134	013E0542	78
D__	00120	MECKLENBURG-V. OS	5C	003	Bergen	54N1930	013E2025	18
D__	00120	MECKLENBURG-V. OS	5C	004	Zuessow	53N5755	013E3519	30
D__	00121	BRANDENBURG OST	11C	001	Boossen	52N2258	014E2621	
D__	00121	BRANDENBURG OST	11C	002	Casekow	53N1357	014E1242	
D__	00121	BRANDENBURG OST	11C	003	Oranienburg	52N4744	013E2316	
D__	00121	BRANDENBURG OST	11C	004	Prenzlau	53N1957	013E5344	
D__	00122	SACHSEN OST	5C	001	Bautzen	51N1056	014E2548	
D__	00122	SACHSEN OST	5C	002	Goerlitz	51N0748	014E5604	
D__	00122	SACHSEN OST	5C	003	Zittau	50N5451	014E4717	
D__	00122	SACHSEN OST	5C	004	Neustadt	50N5952	014E1338	
D__	00122	SACHSEN OST	5C	005	Oberlichtenau	51N1340	013E5730	
D__	00122	SACHSEN OST	5C	006	Ebersbach	51N0042	014E3930	
D__	00138	OBERPFALZ KELHEIM	12A	007	HOHE LINIE	49N0226	012E1024	462
D__	00138	OBERPFALZ KELHEIM	12A	008	REGENSBURG	48N5940	012E0438	436
E__	00003	PAIS VASCO	11A	DAVI0050	ZALDIARAN	42N4744	002W4406	975
E__	00007	CATALUNA	11D	001	ALPICAT	41N4011	000E3142	340
E__	00007	CATALUNA	11D	002	COLLSEROLA	41N2508	002E0657	1014

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
E__	00007	CATALUNA	11D	003	MONTECARO	40N4815	000E2044	1380
E__	00007	CATALUNA	11D	004	ROCACORBA	42N0422	002E4108	872
E__	00007	CATALUNA	11D	005	MUSARA	41N1454	001E0305	1014
E__	00007	CATALUNA	11D	006	BAQUEIRA	42N4137	000E5828	2460
E__	00007	CATALUNA	11D	007	BOSSOST	42N4534	000E4028	1483
E__	00007	CATALUNA	11D	008	CALOGNE	41N4940	003E0241	240
E__	00007	CATALUNA	11D	009	MASSANET CABRENYS	42N2524	002E4355	1446
E__	00007	CATALUNA	11D	010	OLOT	42N1324	002E2651	795
E__	00007	CATALUNA	11D	011	RIPOLL	42N1137	002E1024	1100
E__	00007	CATALUNA	11D	012	SORGUERA	42N2436	001E1257	2336
E__	00013	MADRID	11C	001	MADRID-TORRESPANA	40N2518	003W3943	676
E__	00208	BARCELONA	8A	DAB0017	COLLSUSPINA	41N4915	002E1153	1016
E__	00208	BARCELONA	8A	DAB0018	CABRILS	41N3135	002E2308	319
E__	00208	BARCELONA	8A	DAB0019	MONTSERRAT	41N3622	001E4838	1236
E__	00208	BARCELONA	8A	DAB0020	S PERE RIBES	41N1611	001E4429	358
E__	00208	BARCELONA	8A	DAB0021	S CELONI	41N4429	002E2720	624
E__	00208	BARCELONA	8A	DAB0022	BELLMUNT SEGARRA	41N3603	001E2408	800
E__	00208	BARCELONA	8A	DAB0023	COLLSEROLA	41N2508	002E0657	392
E__	00210	CACERES	9C	DACC0265	MONTANCHEZ	39N1258	006W0719	988
E__	00210	CACERES	9C	DACC0268	CACERES	39N2849	006W2224	434
E__	00210	CACERES	9C	DACC0271	CORIA	39N5540	006W3244	380
E__	00210	CACERES	9C	DACC0274	PLASENCIA	40N0052	006W0405	596
E__	00217	GIRONA	9A	DAGI0013	MASSANET CABRENYS	42N2524	002E4355	1446
E__	00217	GIRONA	9A	DAGI0014	RIPOLL	42N1137	002E1024	1100
E__	00217	GIRONA	9A	DAGI0015	OLOT	42N1324	002E2651	795
E__	00217	GIRONA	9A	DAGI0016	CALONGE	41N4940	003E0241	240
E__	00217	GIRONA	9A	DAGI0026	ROCACORBA	42N0422	002E4108	872
E__	00221	HUELVA	9D	DAH0289	PUNTA UMBRIA	37N1230	007W0109	10
E__	00221	HUELVA	9D	DAH0292	ALMONASTER	37N5302	006W4633	860
E__	00222	HUESCA	8D	DAHU0160	ARGUIS	42N1759	000W2409	1606
E__	00222	HUESCA	8D	DAHU0163	JACA	42N3046	000W3930	1214
E__	00222	HUESCA	8D	DAHU0166	VILALLER	42N2710	000E4143	1179
E__	00222	HUESCA	8D	DAHU0169	BARBASTRO	42N0208	000E0325	499

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
E__	00224	LEON	9C	DALE0716	LEON-PORTILLO	42N3444	005W3207	899
E__	00224	LEON	9C	DALE0720	CASTROPODAME-REDONDA	42N3254	006W2455	1504
E__	00225	LLEIDA	8B	DAL0172	ALPICAT	41N4013	000E3142	340
E__	00225	LLEIDA	8B	DAL0175	BOSSOST	42N4534	000E4028	1483
E__	00225	LLEIDA	8B	DAL0178	BAQUEIRA	42N4137	000E5828	2460
E__	00225	LLEIDA	8B	DAL0181	SORIGUERA	42N2436	001E1257	2336
E__	00225	LLEIDA	8B	DAL0184	ANSERALL	42N2303	001E2730	736
E__	00225	LLEIDA	8B	DAL0187	VIELHA	42N4153	000E4748	1085
E__	00231	NAVARRA	8C	DANA0157	ISABA	42N5049	000W5442	1366
E__	00231	NAVARRA	8C	DANA0311	PAMPLONA	42N4402	001W4045	652
E__	00238	TENERIFE	8C	DATF0094	IZANA	28N1820	016W3002	2386
E__	00238	TENERIFE	8C	DATF0097	MONTANETA	28N2628	016W2236	787
E__	00238	TENERIFE	8C	DATF0100	CRISTIANOS	28N0301	016W4137	430
E__	00238	TENERIFE	8C	DATF0103	GRANADILLAABONA	28N0652	016W3425	657
E__	00238	TENERIFE	8C	DATF0106	ICOD VINOS	28N2116	016W4314	672
E__	00238	TENERIFE	8C	DATF0109	PUERTO CRUZ	28N2400	016W2900	200
E__	00238	TENERIFE	8C	DATF0112	GUIMAR	28N1900	016W2400	740
E__	00238	TENERIFE	8C	DATF0115	LAGUNA	28N2903	016W1831	630
E__	00238	TENERIFE	8C	DATF0118	GUIA ISORA	28N1200	016W4500	915
E__	00239	CANTABRIA	9A	DAS0652	LIERGANES-PCABARGA	43N2245	003W4640	560
E__	00241	SEVILLA	8A	DASE0211	VALENCINA	37N2502	006W0408	144
E__	00241	SEVILLA	8A	DASE0214	MORON	37N0700	005W2700	198
E__	00241	SEVILLA	8A	DASE0217	ECIJA	37N3250	005W0312	143
E__	00241	SEVILLA	8A	DASE0220	OSUNA	37N1424	005W0544	302
E__	00243	TARRAGONA	8C	DAT0668	MUSARA	41N1501	001E0330	1014
E__	00246	VALENCIA	9A	DAV0684	PICAYO	39N3843	000W1907	293
E__	00247	VALLADOLID	9A	DAVA0648	VALLADOLID-CRISTOBAL	41N3657	004W4151	844
E__	00247	VALLADOLID	9A	DAVA0712	MEDINA CAMPO	41N2026	004W5507	800
E__	00248	VIZCAYA	9C	DABI0661	ARCHANDA	43N1633	002W5518	230
E__	00249	ZAMORA	8B	DAZA0247	ZAMORA	41N2715	005W3536	724
E__	00249	ZAMORA	8B	DAZA0250	PUEBLA SANABRIA	42N0228	006W3754	1040
E__	00249	ZAMORA	8B	DAZA0253	BENAVENTE	42N0204	005W4051	748
E__	00308	BARCELONA	8D	DAB0024	COLLSEROLA	41N2508	002E0657	392

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
E__	00308	BARCELONA	8D	DAB0029	COLLSUSPINA	41N4915	002E1153	1016
E__	00308	BARCELONA	8D	DAB0031	CABRILS	41N3135	002E2308	319
E__	00308	BARCELONA	8D	DAB0033	MONTSERRAT	41N3622	001E4838	1236
E__	00308	BARCELONA	8D	DAB0035	S PERE RIBES	41N1611	001E4429	358
E__	00308	BARCELONA	8D	DAB0037	S CELONI	41N4429	002E2720	624
E__	00308	BARCELONA	8D	DAB0039	BELLMUNT SEGARRA	41N3603	001E2408	800
E__	00310	CACERES	9D	DACC0269	CACERES	39N2849	006W2224	434
E__	00310	CACERES	9D	DACC0272	CORIA	39N5540	006W3244	380
E__	00310	CACERES	9D	DACC0275	PLASENCIA	40N0052	006W0405	596
E__	00317	GIRONA	8C	DAGI0039	ROCACORBA	42N0422	002E4108	872
E__	00317	GIRONA	8C	DAGI0043	RIPOLL	42N1137	002E1024	1100
E__	00317	GIRONA	8C	DAGI0045	OLOT	42N1324	002E2651	795
E__	00317	GIRONA	8C	DAGI0047	CALONGE	41N4940	003E0241	240
E__	00321	HUELVA	10B	DAH0290	PUNTA UMBRIA	37N1230	007W0109	10
E__	00321	HUELVA	10B	DAH0293	ALMONASTER	37N5302	006W4633	860
E__	00322	HUESCA	9A	DAHU0161	ARGUIS	42N1759	000W2409	1606
E__	00322	HUESCA	9A	DAHU0164	JACA	42N3046	000W3930	1214
E__	00322	HUESCA	9A	DAHU0167	VILALLER	42N2710	000E4143	1179
E__	00322	HUESCA	9A	DAHU0170	BARBASTRO	42N0208	000E0325	499
E__	00325	LLEIDA	10B	DAL0173	ALPICAT	41N4013	000E3142	340
E__	00325	LLEIDA	10B	DAL0176	BOSSOST	42N4534	000E4028	1483
E__	00325	LLEIDA	10B	DAL0179	BAQUEIRA	42N4137	000E5828	2460
E__	00325	LLEIDA	10B	DAL0182	SORIGUERA	42N2436	001E1257	2336
E__	00325	LLEIDA	10B	DAL0185	ANSERALL	42N2303	001E2730	736
E__	00325	LLEIDA	10B	DAL0188	VIELHA	42N4153	000E4748	1085
E__	00331	NAVARRA	9C	DANA0149	MONREAL	42N4140	001W3140	995
E__	00331	NAVARRA	9C	DANA0152	S. MIGUEL ARALAR	42N5713	001W5747	1299
E__	00331	NAVARRA	9C	DANA0155	IBANETA	43N0123	001W1632	1502
E__	00331	NAVARRA	9C	DANA0158	ISABA	42N5049	000W5442	1366
E__	00338	TENERIFE	9A	DATF0095	IZANA	28N1820	016W3002	2386
E__	00338	TENERIFE	9A	DATF0098	MONTANETA	28N2628	016W2236	787
E__	00338	TENERIFE	9A	DATF0101	CRISTIANOS	28N0301	016W4137	430
E__	00338	TENERIFE	9A	DATF0104	GRANADILLA ABONA	28N0652	016W3425	657

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
E__	00338	TENERIFE	9A	DATF0107	ICOD VINOS	28N2116	016W4314	672
E__	00338	TENERIFE	9A	DATF0110	PUERTO CRUZ	28N2400	016W2900	200
E__	00338	TENERIFE	9A	DATF0113	GUIMAR	28N1900	016W2400	740
E__	00338	TENERIFE	9A	DATF0116	LAGUNA	28N2903	016W1831	630
E__	00338	TENERIFE	9A	DATF0119	GUIA ISORA	28N1200	016W4500	915
E__	00339	CANTABRIA	9D	DAS0653	LIERGANES-PCABARGA	43N2245	003W4640	560
E__	00341	SEVILLA	8C	DASE0215	MORON	37N0700	005W2700	198
E__	00341	SEVILLA	8C	DASE0218	ECIJA	37N3250	005W0312	143
E__	00341	SEVILLA	8C	DASE0221	OSUNA	37N1424	005W0544	302
E__	00343	TARRAGONA	9C	DAT0670	MUSARA	41N1501	001E0330	1014
E__	00345	TOLEDO	9A	DATO0725	TOLEDO-PALOS	39N5032	004W0247	615
E__	00345	TOLEDO	9A	DATO0729	VALLETIETAR-CRUCES	40N0920	004W4435	1328
E__	00346	VALENCIA	9B	DAV0687	PICAYO	39N3843	000W1907	293
E__	00347	VALLADOLID	9D	DAVA0649	VALLADOLID-CRISTOBAL	41N3657	004W4151	844
E__	00347	VALLADOLID	9D	DAVA0713	MEDINA CAMPO	41N2026	004W5507	800
E__	00348	VIZCAYA	10A	DABI0657	ARCHANDA	43N1633	002W5518	230
E__	00349	ZAMORA	9B	DAZA0248	ZAMORA	41N2715	005W3536	724
E__	00349	ZAMORA	9B	DAZA0251	PUEBLA SANABRIA	42N0228	006W3754	1040
E__	00349	ZAMORA	9B	DAZA0254	BENAVENTE	42N0204	005W4051	748
E__	00406	BADAJOZ	10C	DABA0279	BADAJOZ	38N5413	006W5850	200
E__	00406	BADAJOZ	10C	DABA0282	MERIDA	38N5150	006W2530	529
E__	00406	BADAJOZ	10C	DABA0285	FREGENAL	38N1003	006W4120	760
E__	00406	BADAJOZ	10C	DABA0288	ZAFRA	38N2639	006W2408	597
E__	00408	BARCELONA	10A	DAB0025	COLLSEROLA	41N2508	002E0657	392
E__	00408	BARCELONA	10A	DAB0030	COLLSUSPINA	41N4915	002E1153	1016
E__	00408	BARCELONA	10A	DAB0032	CABRILS	41N3135	002E2308	319
E__	00408	BARCELONA	10A	DAB0034	MONTSERRAT	41N3622	001E4838	1236
E__	00408	BARCELONA	10A	DAB0036	S PERE RIBES	41N1611	001E4429	358
E__	00408	BARCELONA	10A	DAB0038	S CELONI	41N4429	002E2720	624
E__	00408	BARCELONA	10A	DAB0040	BELLMUNT SEGARRA	41N3603	001E2408	800
E__	00411	CADIZ	10C	DACA0225	S CRISTOBAL	36N3820	006W0908	120
E__	00411	CADIZ	10C	DACA0228	TAJO ESCOBAS	36N0558	005W3224	805
E__	00411	CADIZ	10C	DACA0231	BARBATE	36N0842	005W5040	105

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
E__	00417	GIRONA	10C	DAGI0040	ROCACORBA	42N0422	002E4108	872
E__	00417	GIRONA	10C	DAGI0044	RIPOLL	42N1137	002E1024	1100
E__	00417	GIRONA	10C	DAGI0046	OLOT	42N1324	002E2651	795
E__	00417	GIRONA	10C	DAGI0048	CALONGE	41N4940	003E0241	240
E__	00421	HUELVA	10D	DAH0291	PUNTA UMBRIA	37N1230	007W0109	10
E__	00421	HUELVA	10D	DAH0294	ALMONASTER	37N5302	006W4633	860
E__	00422	HUESCA	10A	DAHU0162	ARGUIS	42N1759	000W2409	1606
E__	00422	HUESCA	10A	DAHU0165	JACA	42N3046	000W3930	1214
E__	00422	HUESCA	10A	DAHU0168	VILALLER	42N2710	000E4143	1179
E__	00422	HUESCA	10A	DAHU0171	BARBASTRO	42N0208	000E0325	499
E__	00425	LLEIDA	10D	DAL0174	ALPICAT	41N4013	000E3142	340
E__	00425	LLEIDA	10D	DAL0177	BOSSOST	42N4534	000E4028	1483
E__	00425	LLEIDA	10D	DAL0180	BAQUEIRA	42N4137	000E5828	2460
E__	00425	LLEIDA	10D	DAL0183	SORIGUERA	42N2436	001E1257	2336
E__	00425	LLEIDA	10D	DAL0186	ANSERALL	42N2303	001E2730	736
E__	00425	LLEIDA	10D	DAL0189	VIELHA	42N4153	000E4748	1085
E__	00431	NAVARRA	10C	DANA0150	MONREAL	42N4140	001W3140	995
E__	00431	NAVARRA	10C	DANA0159	ISABA	42N5049	000W5442	1366
E__	00435	GRAN CANARIA	9C	DAGC0054	POZO NIEVES	27N5732	015W3326	1918
E__	00435	GRAN CANARIA	9C	DAGC0057	ISLETA	28N0935	015W2507	160
E__	00435	GRAN CANARIA	9C	DAGC0060	AGUIMES	27N4821	015W3059	100
E__	00435	GRAN CANARIA	9C	DAGC0063	MOGAN	27N4714	015W4248	150
E__	00435	GRAN CANARIA	9C	DAGC0066	MASPALOMAS	27N4700	015W3200	100
E__	00435	GRAN CANARIA	9C	DAGC0069	TELDE	27N5900	015W2200	68
E__	00435	GRAN CANARIA	9C	DAGC0072	GALDAR	28N0900	015W3823	420
E__	00435	GRAN CANARIA	9C	DAGC0075	S NICOLAS	27N5932	015W4647	185
E__	00437	SALAMANCA	10C	DASA0258	PENA FRANCIA	40N3044	006W1005	1723
E__	00438	TENERIFE	10C	DATF0096	IZANA	28N1820	016W3002	2386
E__	00438	TENERIFE	10C	DATF0099	MONTANETA	28N2628	016W2236	787
E__	00438	TENERIFE	10C	DATF0102	CRISTIANOS	28N0301	016W4137	430
E__	00438	TENERIFE	10C	DATF0105	GRANADILLA ABONA	28N0652	016W3425	657
E__	00438	TENERIFE	10C	DATF0108	ICOD VINOS	28N2116	016W4314	672
E__	00438	TENERIFE	10C	DATF0111	PUERTO CRUZ	28N2400	016W2900	200

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
E__	00438	TENERIFE	10C	DATF0114	GUIMAR	28N1900	016W2400	740
E__	00438	TENERIFE	10C	DATF0117	LAGUNA	28N2903	016W1831	630
E__	00438	TENERIFE	10C	DATF0120	GUIA ISORA	28N1200	016W4500	915
E__	00439	CANTABRIA	10B	DAS0656	LIERGANES-PCABARGA	43N2245	003W4640	560
E__	00441	SEVILLA	9A	DASE0213	VALENCINA	37N2502	006W0408	144
E__	00441	SEVILLA	9A	DASE0216	MORON	37N0700	005W2700	198
E__	00441	SEVILLA	9A	DASE0219	ECIJA	37N3250	005W0312	143
E__	00441	SEVILLA	9A	DASE0222	OSUNA	37N1424	005W0544	302
E__	00443	TARRAGONA	10C	DAT0667	MUSARA	41N1501	001E0330	1014
E__	00446	VALENCIA	9D	DAV0685	PICAYO	39N3843	000W1907	293
E__	00447	VALLADOLID	10B	DAVA0651	VALLADOLID-CRISTOBAL	41N3657	004W4151	844
E__	00447	VALLADOLID	10B	DAVA0714	MEDINA CAMPO	41N2026	004W5507	800
E__	00448	VIZCAYA	10C	DABI0658	ARCHANDA	43N1633	002W5518	230
E__	00449	ZAMORA	8D	DAZA0249	ZAMORA	41N2715	005W3536	724
E__	00449	ZAMORA	8D	DAZA0252	PUEBLA SANABRIA	42N0228	006W3754	1040
E__	00449	ZAMORA	8D	DAZA0255	BENAVENTE	42N0204	005W4051	748
E__	50101	AMURRIO	10B	DAVI0485	AMURRIO	43N0000	002W5700	490
E__	50106	BADAJOZ	8A	DABA0435	BADAJOZ	38N5413	006W5850	200
E__	50108	BARCELONA	11A	00511	COLLSEROLA	41N2508	002E0657	392
E__	50110	CACERES	9A	DACC0432	CACERES	39N2849	006W2224	434
E__	50117	GIRONA	11C	DAGI0369	ROCACORBA	42N0422	002E4108	872
E__	50117	GIRONA	11C	DAGI0372	OLOT	42N1324	002E2651	795
E__	50117	GIRONA	11C	DAGI0373	RIPOLL	42N1137	002E1024	1100
E__	50117	GIRONA	11C	DAGI0374	CALONGE	41N4940	003E0241	240
E__	50120	SSEBASTIAN	11C	DASS0371	JAIZQUIBEL	43N2042	001W5122	535
E__	50121	HUELVA	11A	DAH0437	HUELVA	37N1230	007W0109	10
E__	50131	PAMPLONA	10A	DANA0445	PAMPLONA	42N4402	001W4045	652
E__	50132	OURENSE	10D	DAOR0424	OURENSE	42N2015	007W5329	300
E__	50135	FUERTEVENTURA	8B	DAGC0076	PUERTO ROSARIO	28N3238	013W5512	511
E__	50135	FUERTEVENTURA	8B	DAGC0079	GRAN TARAJAL	28N1234	014W0029	150
E__	50135	FUERTEVENTURA	8B	DAGC0082	JANDIA	28N0314	014W2052	150
E__	50135	FUERTEVENTURA	8B	DAGC0085	PAJARA	28N2129	014W0624	290
E__	50136	PONTEVEDRA	9A	DAPO0309	DOMAYO	42N1857	008W4214	624

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
E__	50137	PEÑARANDA BRACAMONTE	11A	DASA0455	PEÑARANDA BRACAMONTE	40N5405	005W1110	905
E__	50138	GOMERA	8B	DATF0121	S SEBASTIAN GOMERA	28N0459	017W0706	200
E__	50138	GOMERA	8B	DATF0124	VALLEHERMOSO	28N0928	017W1427	1041
E__	50138	GOMERA	8B	DATF0127	VALLE GRAN REY	28N0724	017W1803	948
E__	50148	BILBAO	8B	DABI0479	BILBAO	43N1541	002W5155	479
E__	50149	PUEBLA SANABRIA	8A	DAZA0427	PUEBLA SANABRIA	42N0228	006W3754	1040
E__	50201	VITORIA	11C	DAVI0486	VITORIA	42N4744	002W4406	904
E__	50211	BARBATE	9D	DACA0439	BARBATE	36N0842	005W5040	105
E__	50217	GIRONA	9D	DAGI0370	ROCACORBA	42N0422	002E4108	872
E__	50220	TOLOSA	10A	DASS0474	TOLOSA	43N0641	002W0455	250
E__	50221	ARACENA	9B	DAH0466	ARACENA	37N5351	006W3350	700
E__	50222	BARBASTRO	10C	DAHU0449	BARBASTRO	42N0208	000E0325	499
E__	50231	PAMPLONA	11C	DANA0446	PAMPLONA	42N4402	001W4045	652
E__	50232	VERIN	9C	DAOR0425	VERIN	42N0218	007W2104	1291
E__	50235	FUERTE VENTURA	10B	DAGC0077	PUERTO ROSARIO	28N3238	013W5512	511
E__	50235	FUERTEVENTURA	10B	DAGC0080	GRAN TARAJAL	28N1234	014W0029	150
E__	50235	FUERTEVENTURA	10B	DAGC0083	JANDIA	28N0314	014W2052	150
E__	50235	FUERTEVENTURA	10B	DAGC0086	PAJARA	28N2129	014W0624	290
E__	50237	BEJAR	9A	DASA0430	BEJAR	40N2216	005W4610	1282
E__	50238	GOMERA	9B	DATF0122	S SEBASTIAN GOMERA	28N0459	017W0706	200
E__	50238	GOMERA	9B	DATF0125	VALLEHERMOSO	28N0928	017W1427	1041
E__	50238	GOMERA	9B	DATF0128	VALLE GRAN REY	28N0724	017W1803	948
E__	50248	ZALLA	8D	DABI0480	ZALLA	43N1252	003W1133	582
E__	50249	BENAVENTE	8C	DAZA0428	BENAVENTE	42N0204	005W4051	748
E__	50306	DONBENITO	10A	DABA0460	DON BENITO	38N5755	005W4758	300
E__	50310	NAVALMORALMATA	9B	DACC0458	NAVALMORAL MATA	39N5313	005W3152	380
E__	50321	VALVERDE CAMINO	10C	DAH0467	VALVERDE CAMINO	37N3445	006W4514	294
E__	50325	SEU URGELL	9C	DAL0378	BOSSOST	42N4534	000E4028	1483
E__	50325	SEU URGELL	9C	DAL0379	BAQUEIRA	42N4137	000E5828	2460
E__	50335	FUERTEVENTURA	10D	DAGC0078	PUERTO ROSARIO	28N3238	013W5512	511
E__	50335	FUERTEVENTURA	10D	DAGC0081	GRAN TARAJAL	28N1234	014W0029	150
E__	50335	FUERTEVENTURA	10D	DAGC0084	JANDIA	28N0314	014W2052	150
E__	50335	FUERTEVENTURA	10D	DAGC0087	PAJARA	28N2129	014W0624	290

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
E__	50336	ESTRADA	11A	DAPO0451	ESTRADA	42N4510	008W3745	437
E__	50337	CIUDAD RODRIGO	9B	DASA0456	CIUDAD RODRIGO	40N3359	006W3220	680
E__	50338	GOMERA	9D	DATF0123	S SEBASTIAN GOMERA	28N0459	017W0706	200
E__	50338	GOMERA	9D	DATF0126	VALLEHERMOSO	28N0928	017W1427	1041
E__	50338	GOMERA	9D	DATF0129	VALLE GRAN REY	28N0724	017W1803	948
E__	50341	LORARIO	9D	DASE0473	LORARIO	37N4030	005W3250	100
E__	50406	ALMENDRALEJO	9A	DABA0461	ALMENDRALEJO	38N3957	006W2425	348
E__	50411	ARCOSFRONTERA	10B	DACA0471	ARCOS FRONTERA	36N4516	005W4823	100
E__	50420	ZARAUTZ	9A	DASS0476	ZARAUTZ	43N1640	002W0815	100
E__	50421	ALMONTE	8D	DAH0468	ALMONTE	37N2040	006W3601	100
E__	50435	LANZAROTE	9C	DAGC0088	ARRECIFE	29N0002	013W3534	444
E__	50435	LANZAROTE	9C	DAGC0091	HARIA	29N0822	013W3055	560
E__	50436	PONTEAREAS	9B	DAPO0452	PONTEAREAS	42N1010	008W2108	920
E__	50437	SALAMANCA	9C	DASA0431	SALAMANCA	40N5859	005W4017	804
E__	50438	LA PALMA	8A	DATF0130	STA CRUZ PALMA	28N4016	017W4627	362
E__	50438	LA PALMA	8A	DATF0133	PASO	28N3853	017W4927	1433
E__	50438	LA PALMA	8A	DATF0136	TIJARAFE	28N4022	017W5610	720
E__	50438	LA PALMA	8A	DATF0139	S ANDRES SAUCES	28N4700	017W4500	670
E__	50441	ECIJA	8B	DASE0442	ECIJA	37N3250	005W0312	143
E__	50448	AMOREBIETA	8C	DABI0482	AMOREBIETA	43N1302	002W4624	310
E__	50449	BERMILLO SAYAGO	11C	DAZA0453	BERMILLO SAYAGO	41N1910	006W2347	660
E__	50506	LLERENA	11D	DABA0462	LLERENA	38N1354	006W0108	662
E__	50510	MIAJADAS	10D	DACC0459	MIAJADAS	39N0800	005W5500	292
E__	50511	UBRIQUE	10D	DACA0472	UBRIQUE	36N4121	005W2520	774
E__	50520	MONDRAGON	8B	DASS0477	MONDRAGON	43N0312	002W3134	710
E__	50521	LEPE	9A	DAH0469	LEPE	37N1455	007W1323	65
E__	50522	HUESCA	11D	DAHU0448	HUESCA	42N1759	000W2409	1606
E__	50535	LANZAROTE	10A	DAGC0089	ARRECIFE	29N0002	013W3534	444
E__	50535	LANZAROTE	10A	DAGC0092	HARIA	29N0822	013W3055	560
E__	50537	VITIGUDINO	9D	DASA0457	VITIGUDINO	41N0000	006W2605	760
E__	50538	LA PALMA	8D	DATF0131	STA CRUZ PALMA	28N4016	017W4627	362
E__	50538	LA PALMA	8D	DATF0134	PASO	28N3853	017W4927	1433
E__	50538	LA PALMA	8D	DATF0137	TIJARAFE	28N4022	017W5610	720

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
E__	50538	LA PALMA	8D	DATF0140	S ANDRES SAUCES	28N4700	017W4500	670
E__	50541	MORON FRONTERA	8D	DASE0443	MORON FRONTERA	37N0700	005W2700	198
E__	50548	ONDARROA	9D	DABI0483	ONDARROA	43N1842	002W2530	281
E__	50549	ALCAÑICES	9A	DAZA0454	ALCAÑICES	41N4256	006W2318	900
E__	50606	FREGENALSIERRA	9C	DABA0463	FREGENAL SIERRA	38N1003	006W4120	760
E__	50620	EIBAR	11D	DASS0478	EIBAR	43N1133	002W2458	626
E__	50622	JACA	11C	DAHU0450	JACA	42N3046	000W3930	1214
E__	50635	LANZAROTE	10C	DAGC0090	ARRECIFE	29N0002	013W3534	444
E__	50635	LANZAROTE	10C	DAGC0093	HARIA	29N0822	013W3055	560
E__	50638	LA PALMA	10A	DATF0132	STA CRUZ PALMA	28N4016	017W4627	362
E__	50638	LA PALMA	10A	DATF0135	PASO	28N3853	017W4927	1433
E__	50638	LA PALMA	10A	DATF0138	TIJARAFE	28N4022	017W5610	720
E__	50638	LA PALMA	10A	DATF0141	S ANDRES SAUCES	28N4700	017W4500	670
E__	50641	OSUNA	9B	DASE0444	OSUNA	37N1424	005W0544	302
E__	50648	BERMEO	10D	DABI0484	BERMEO	43N2440	002W4255	100
E__	50706	HERRERADUQUE	10D	DABA0464	HERRERA DUQUE	39N0942	005W0155	662
E__	50738	HIERRO	9C	DATF0142	VALVERDE	27N4853	017W5439	627
E__	50738	HIERRO	9C	DATF0145	FRONTERA	27N4920	017W5930	200
E__	50838	HIERRO	10B	DATF0143	VALVERDE	27N4853	017W5439	627
E__	50838	HIERRO	10B	DATF0146	FRONTERA	27N4920	017W5930	200
E__	50931	ISABA	10B	DANA0447	ISABA	42N5049	000W5442	1366
E__	50938	HIERRO	10D	DATF0144	VALVERDE	27N4853	017W5439	627
E__	50938	HIERRO	10D	DATF0147	FRONTERA	27N4920	017W5930	200
E__	99000	ESPANA	11B	001	NAVACERRADA	40N4709	003W5839	2184
E__	99000	ESPANA	11B	002	COLLSEROLA	41N2508	002E0657	392
E__	99000	ESPANA	11B	003	PICAYO	39N3846	000W1907	293
E__	99000	ESPANA	11B	004	VALLADOLID-CRISTOBAL	41N3657	004W4151	824
E__	99000	ESPANA	11B	005	JAIZQUIBEL	43N2042	001W5122	535
E__	99000	ESPANA	11B	006	BAQUEIRA	42N4137	000E5828	2460
E__	99000	ESPANA	11B	007	BOSSOST	42N4534	000E4028	1483
E__	99000	ESPANA	11B	008	CALOGNE	41N4940	003E0241	240
E__	99000	ESPANA	11B	009	MASSANET CABRENYS	42N2524	002E4355	1446
E__	99000	ESPANA	11B	010	OLOT	42N1324	002E2651	795

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
E__	99000	ESPANA	11B	011	RIPOLL	42N1137	002E1024	1100
E__	99000	ESPANA	11B	012	SORGUERA	42N2436	001E1257	2336
E__	99000	ESPANA	11B	DABI0659	ARCHANDA	43N1633	002W5518	230
E__	99000	ESPANA	11B	DABU0676	BUSTOS-VITORIA	42N4740	002W4509	976
E__	99000	ESPANA	11B	DAC0640	ARES	43N2709	008W1701	266
E__	99000	ESPANA	11B	DACC0705	MONTANCHEZ	39N1258	006W0719	988
E__	99000	ESPANA	11B	DALE0715	LEON-PORTILLO	42N3444	005W3207	899
E__	99000	ESPANA	11B	DALE0719	CASTROPODAME-REDONDA	42N3254	006W2455	1504
E__	99000	ESPANA	11B	DAM0002	MADRID-TORRESPANA	40N2518	003W3943	676
E__	99000	ESPANA	11B	DANA0672	MONREAL	42N4150	001W3148	851
E__	99000	ESPANA	11B	DAS0654	LIERGANES-PCABARGA	43N2245	003W4640	560
E__	99000	ESPANA	11B	DASE0698	VALENCINA	37N2515	006W0403	151
E__	99000	ESPANA	11B	DAT0669	MUSARA	41N1501	001E0330	1014
E__	99000	ESPANA	11B	DATO0723	TOLEDO-PALOS	39N5032	004W0247	615
E__	99000	ESPANA	11B	DATO0727	VALLETIETAR-CRUCES	40N0920	004W4435	1328
E__	99000	ESPANA	11B	DAVA0711	MEDINA CAMPO	41N2026	004W5507	800
E__	99100	ESPANA(CNR)	11D	DAGC0707	ISLETA	28N0935	015W2507	160
E__	99100	ESPANA(CNR)	11D	DATF0709	IZANA	28N1820	016W3002	2386
FIN	10002	AHVENANMAA1	10C	001	Hammarland	60N1124	019E4426	51
FIN	10002	AHVENANMAA1	10C	002	Lotsberget	60N0519	019E5622	32
FIN	10002	AHVENANMAA1	10C	003	Sottunga	60N0730	020E3938	26
FIN	10003	SUOMI2	12C	001	Ahtari	62N2613	024E0753	189
FIN	10003	SUOMI2	12C	002	Enonkyla	64N2034	026E4717	128
FIN	10003	SUOMI2	12C	003	Erkyla	60N4209	024E5515	154
FIN	10003	SUOMI2	12C	004	Eurajoki	61N1653	021E4205	38
FIN	10003	SUOMI2	12C	005	Haapavesi	64N0957	025E1551	150
FIN	10003	SUOMI2	12C	006	Hameenlinna	60N5910	024E2709	132
FIN	10003	SUOMI2	12C	007	Heinavesi	62N2547	028E3740	156
FIN	10003	SUOMI2	12C	008	Heinola	61N1230	026E0244	119
FIN	10003	SUOMI2	12C	009	Huittinen	61N0628	022E5429	105
FIN	10003	SUOMI2	12C	010	Iisalmi	63N3746	027E0442	86
FIN	10003	SUOMI2	12C	011	Inari	68N5106	027E0738	362
FIN	10003	SUOMI2	12C	012	Jalasjarvi	62N2506	022E4225	148

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
FIN	10003	SUOMI2	12C	013	Juurikka	65N1111	026E5522	115
FIN	10003	SUOMI2	12C	014	Jyvaskyla	62N1229	025E3836	235
FIN	10003	SUOMI2	12C	015	Kaavi	62N5046	028E5456	247
FIN	10003	SUOMI2	12C	016	Kaipola	61N4946	025E1426	164
FIN	10003	SUOMI2	12C	017	Kalajoki	64N1650	023E5722	10
FIN	10003	SUOMI2	12C	018	Kankaanpaa	61N4832	022E2413	90
FIN	10003	SUOMI2	12C	019	Karigasniemi	69N2539	025E5930	617
FIN	10003	SUOMI2	12C	020	Kemijarvi	66N4021	027E2648	260
FIN	10003	SUOMI2	12C	021	Kemio	65N4029	024E3407	10
FIN	10003	SUOMI2	12C	022	Kerkola	60N3512	023E1526	188
FIN	10003	SUOMI2	12C	023	Kilpisjarvi	69N0233	020E5135	1025
FIN	10003	SUOMI2	12C	024	Korppoo	60N1007	021E3300	30
FIN	10003	SUOMI2	12C	025	Kuivaniemi	65N3218	025E1555	28
FIN	10003	SUOMI2	12C	026	Kuopio	62N4419	027E3245	190
FIN	10003	SUOMI2	12C	027	Kuopio_Puijo	62N5433	027E3931	232
FIN	10003	SUOMI2	12C	028	Kuru	62N0235	023E2800	209
FIN	10003	SUOMI2	12C	029	Kuttanen	68N2456	022E5037	409
FIN	10003	SUOMI2	12C	030	Lahti	61N0023	025E3135	218
FIN	10003	SUOMI2	12C	031	Lehtivuori	61N2517	023E4711	168
FIN	10003	SUOMI2	12C	032	Lestijarvi	63N3311	024E3402	178
FIN	10003	SUOMI2	12C	033	Liminka	64N4216	025E2405	55
FIN	10003	SUOMI2	12C	034	Maaninka	63N1009	027E2627	179
FIN	10003	SUOMI2	12C	035	Mantyharju	61N2517	026E5200	103
FIN	10003	SUOMI2	12C	036	Mellila	60N4709	022E5305	90
FIN	10003	SUOMI2	12C	037	Merikarvia	61N5146	021E3104	10
FIN	10003	SUOMI2	12C	038	Mikkeli	61N3504	027E2807	148
FIN	10003	SUOMI2	12C	039	Mouhijarvi	61N2909	022E4543	115
FIN	10003	SUOMI2	12C	040	Multia	62N1960	024E5254	224
FIN	10003	SUOMI2	12C	041	Naantali	60N2727	022E0334	11
FIN	10003	SUOMI2	12C	042	Naatamo	69N4014	029E0607	190
FIN	10003	SUOMI2	12C	043	Nasti	60N4709	021E5136	47
FIN	10003	SUOMI2	12C	044	Orivesi	61N4109	024E2046	159
FIN	10003	SUOMI2	12C	045	Oulu	65N0203	025E5049	68

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
FIN	10003	SUOMI2	12C	046	Oulu_kaupunki	65N0005	025E2614	2
FIN	10003	SUOMI2	12C	047	Padasjoki	61N2053	025E1659	120
FIN	10003	SUOMI2	12C	048	Paljakka	64N4341	028E0517	355
FIN	10003	SUOMI2	12C	049	Pello	66N4746	024E0712	309
FIN	10003	SUOMI2	12C	050	Peurapaa	68N3459	026E1438	368
FIN	10003	SUOMI2	12C	051	Pieksamaki	62N1600	027E0807	195
FIN	10003	SUOMI2	12C	052	Pihtipudas	63N1717	025E3902	182
FIN	10003	SUOMI2	12C	053	Posio	66N0009	027E3812	295
FIN	10003	SUOMI2	12C	054	Pyhanta	63N5950	026E3230	202
FIN	10003	SUOMI2	12C	055	Pyhasalmi	63N4101	025E5647	165
FIN	10003	SUOMI2	12C	056	Pyhatunturi	67N0116	027E1306	214
FIN	10003	SUOMI2	12C	057	Raahe	64N4058	024E2847	5
FIN	10003	SUOMI2	12C	058	Rovaniemi	66N3257	025E3428	191
FIN	10003	SUOMI2	12C	059	Saarijarvi	62N4550	025E1239	239
FIN	10003	SUOMI2	12C	060	Salo	60N2314	023E1106	101
FIN	10003	SUOMI2	12C	061	Sievi	64N0037	024E2014	100
FIN	10003	SUOMI2	12C	062	Sodankyla	67N2545	026E4057	216
FIN	10003	SUOMI2	12C	063	Soini	62N5220	024E1239	198
FIN	10003	SUOMI2	12C	064	Sotinpuro	63N2902	028E3928	252
FIN	10003	SUOMI2	12C	065	Sulkava	61N4832	028E1603	63
FIN	10003	SUOMI2	12C	066	Suolahti	62N3247	025E5159	137
FIN	10003	SUOMI2	12C	067	Taivalkoski	65N1804	028E2127	284
FIN	10003	SUOMI2	12C	068	Tammela	60N5544	023E5410	171
FIN	10003	SUOMI2	12C	069	Tampere	61N3942	023E5246	176
FIN	10003	SUOMI2	12C	070	Tervola	66N0700	024E4210	134
FIN	10003	SUOMI2	12C	071	Tukkimaankangas	65N3815	026E4314	155
FIN	10003	SUOMI2	12C	072	Turku	60N2236	022E2018	42
FIN	10003	SUOMI2	12C	073	Uimaniemi	61N3944	026E1730	186
FIN	10003	SUOMI2	12C	074	Utajarvi	64N5147	026E4330	121
FIN	10003	SUOMI2	12C	075	Utsjoki	69N5348	027E0341	321
FIN	10003	SUOMI2	12C	076	Valkeakoski	61N1534	024E0338	113
FIN	10003	SUOMI2	12C	077	Varkaus	62N1815	027E5601	32
FIN	10003	SUOMI2	12C	078	Vesanto	62N5659	026E2603	178

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
FIN	10003	SUOMI2	12C	079	Vilppula	62N0154	024E3202	132
FIN	10003	SUOMI2	12C	080	Vuokatti	64N0734	028E1523	293
FIN	10003	SUOMI2	12C	081	Vuotso	68N0236	027E0859	393
FIN	10003	SUOMI2	12C	082	Yllas	67N3400	024E1257	696
FIN	10003	SUOMI2	12C	083	Ylojarvi	61N3233	023E3606	164
FIN	10004	SUOMI3	10C	001	Anjalankoski	60N4131	027E0257	72
FIN	10004	SUOMI3	10C	002	Hevosvaara	63N1819	030E0740	165
FIN	10004	SUOMI3	10C	003	Ilomantsi	62N4015	030E5521	182
FIN	10004	SUOMI3	10C	004	Imatra	61N0954	028E4710	75
FIN	10004	SUOMI3	10C	005	Jaala	61N0227	026E3422	136
FIN	10004	SUOMI3	10C	006	Joensuu	62N3532	029E4644	107
FIN	10004	SUOMI3	10C	007	Joutseno	61N0752	028E3240	103
FIN	10004	SUOMI3	10C	008	Kerimaki	61N5921	029E1512	99
FIN	10004	SUOMI3	10C	009	Kiihtelysvaara	62N2415	030E3022	207
FIN	10004	SUOMI3	10C	010	Kitee	62N0522	030E0854	125
FIN	10004	SUOMI3	10C	011	Koli	63N0349	029E4712	286
FIN	10004	SUOMI3	10C	012	Kotka	60N2905	026E5511	46
FIN	10004	SUOMI3	10C	013	Kuhmo	64N0829	029E3548	220
FIN	10004	SUOMI3	10C	014	Kuusankoski	60N5450	026E3733	113
FIN	10004	SUOMI3	10C	015	Lappeenranta	61N0229	028E1344	88
FIN	10004	SUOMI3	10C	016	Mantyharju	61N2517	026E5200	103
FIN	10004	SUOMI3	10C	017	Nurmes	63N3253	029E0609	152
FIN	10004	SUOMI3	10C	018	Paljakka	64N4341	028E0517	355
FIN	10004	SUOMI3	10C	019	Parikkala	61N3406	029E3055	121
FIN	10004	SUOMI3	10C	020	Puumala	61N3143	028E1131	100
FIN	10004	SUOMI3	10C	021	Savijarvi	63N3754	029E5120	225
FIN	10004	SUOMI3	10C	022	Savitaipale	61N1211	027E3154	135
FIN	10004	SUOMI3	10C	023	Savonlinna	61N5215	028E5203	128
FIN	10004	SUOMI3	10C	024	Suomussalmi	64N5242	028E5558	213
FIN	10004	SUOMI3	10C	025	Ylamaa	60N4804	028E0019	65
FIN	10005	SUOMI4	7C	001	Ruka	66N0935	029E0920	465
FIN	10005	SUOMI4	7C	002	Salla	66N4541	028E4740	440
FIN	10005	SUOMI4	7C	003	Savukoski	67N4801	028E4018	445

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
FIN	20001	LANSI-UUSIMAA	11C	001	Espoo	60N1039	024E3837	43
FIN	20001	LANSI-UUSIMAA	11C	002	Fiskars	60N0731	023E2949	75
FIN	20001	LANSI-UUSIMAA	11C	003	Hanko	59N5014	022E5618	19
FIN	20001	LANSI-UUSIMAA	11C	004	Liesjarvi	60N4106	024E0116	169
FIN	20002	AHVENANMAA2	10B	001	Hammarland	60N1124	019E4426	51
FIN	20002	AHVENANMAA2	10B	002	Lotsberget	60N0519	019E5622	32
FIN	20002	AHVENANMAA2	10B	003	Sottunga	60N0730	020E3938	26
FIN	20003	VARSINAIS-SUOMI	12D	001	Eurajoki	61N1653	021E4205	38
FIN	20003	VARSINAIS-SUOMI	12D	002	Fiskars	60N0731	023E2949	75
FIN	20003	VARSINAIS-SUOMI	12D	003	Kerkola	60N3512	023E1526	188
FIN	20003	VARSINAIS-SUOMI	12D	004	Korppoo	60N1007	021E3300	30
FIN	20003	VARSINAIS-SUOMI	12D	005	Mellila	60N4709	022E5305	90
FIN	20003	VARSINAIS-SUOMI	12D	006	Naantali	60N2727	022E0334	11
FIN	20003	VARSINAIS-SUOMI	12D	007	Nasti	60N4709	021E5136	47
FIN	20003	VARSINAIS-SUOMI	12D	008	Salo	60N2314	023E1106	101
FIN	20003	VARSINAIS-SUOMI	12D	009	Turku	60N2236	022E2018	42
FIN	20004	SATAKUNTA	12A	001	Eurajoki	61N1653	021E4205	38
FIN	20004	SATAKUNTA	12A	002	Huittinen	61N0628	022E5429	105
FIN	20004	SATAKUNTA	12A	003	Jalasjarvi	62N2506	022E4225	148
FIN	20004	SATAKUNTA	12A	004	Kankaanpaa	61N4832	022E2413	90
FIN	20004	SATAKUNTA	12A	005	Merikarvia	61N5146	021E3104	10
FIN	20004	SATAKUNTA	12A	006	Mouhijarvi	61N2909	022E4543	115
FIN	20005	HAME	5C	001	Erkyla	60N4209	024E5515	154
FIN	20005	HAME	5C	002	Hameenlinna	60N5910	024E2709	132
FIN	20005	HAME	5C	003	Lahti	61N0023	025E3135	218
FIN	20005	HAME	5C	004	Tammela	60N5544	023E5410	171
FIN	20005	HAME	5C	005	Valkeakoski	61N1534	024E0338	113
FIN	20006	PIRKANMAA	12B	001	Ahtari	62N2613	024E0753	189
FIN	20006	PIRKANMAA	12B	002	Kankaanpaa	61N4832	022E2413	90
FIN	20006	PIRKANMAA	12B	003	Kuru	62N0235	023E2800	209
FIN	20006	PIRKANMAA	12B	004	Lehtivuori	61N2517	023E4711	168
FIN	20006	PIRKANMAA	12B	005	Mouhijarvi	61N2909	022E4543	115
FIN	20006	PIRKANMAA	12B	006	Orivesi	61N4109	024E2046	159

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
FIN	20006	PIRKANMAA	12B	007	Padasjoki	61N2053	025E1659	120
FIN	20006	PIRKANMAA	12B	008	Tammela	60N5544	023E5410	171
FIN	20006	PIRKANMAA	12B	009	Tampere	61N3942	023E5246	176
FIN	20006	PIRKANMAA	12B	010	Valkeakoski	61N1534	024E0338	113
FIN	20006	PIRKANMAA	12B	011	Vilppula	62N0154	024E3202	132
FIN	20006	PIRKANMAA	12B	012	Ylojarvi	61N3233	023E3606	164
FIN	20006	PIRKANMAA	12B	013	HAMEENLINNA	60N5930	024E2501	137
FIN	20007	PAIJAT-HAME	7C	001	Heinola	61N1230	026E0244	119
FIN	20007	PAIJAT-HAME	7C	002	Lahti	61N0023	025E3135	218
FIN	20007	PAIJAT-HAME	7C	003	Padasjoki	61N2053	025E1659	120
FIN	20007	PAIJAT-HAME	7C	004	Uimaniemi	61N3944	026E1730	186
FIN	20008	KYMENLAAKSO	7D	001	Anjalankoski	60N4131	027E0257	72
FIN	20008	KYMENLAAKSO	7D	002	Jaala	61N0227	026E3422	136
FIN	20008	KYMENLAAKSO	7D	003	Kotka	60N2905	026E5511	46
FIN	20008	KYMENLAAKSO	7D	004	Kuusankoski	60N5450	026E3733	113
FIN	20009	ETELA-KARJALA	10B	001	Imatra	61N0954	028E4710	75
FIN	20009	ETELA-KARJALA	10B	002	Joutseno	61N0752	028E3240	103
FIN	20009	ETELA-KARJALA	10B	003	Kerimaki	61N5921	029E1512	99
FIN	20009	ETELA-KARJALA	10B	004	Kitee	62N0522	030E0854	125
FIN	20009	ETELA-KARJALA	10B	005	Lappeenranta	61N0229	028E1344	88
FIN	20009	ETELA-KARJALA	10B	006	Mantyharju	61N2517	026E5200	103
FIN	20009	ETELA-KARJALA	10B	007	Parikkala	61N3406	029E3055	121
FIN	20009	ETELA-KARJALA	10B	008	Puumala	61N3143	028E1131	100
FIN	20009	ETELA-KARJALA	10B	009	Savitaipale	61N1211	027E3154	135
FIN	20009	ETELA-KARJALA	10B	010	Ylamaa	60N4804	028E0019	65
FIN	20010	ETELA-SAVO	12D	001	Heinavesi	62N2547	028E3740	156
FIN	20010	ETELA-SAVO	12D	002	Kerimaki	61N5921	029E1512	99
FIN	20010	ETELA-SAVO	12D	003	Mantyharju	61N2517	026E5200	103
FIN	20010	ETELA-SAVO	12D	004	Mikkeli	61N3504	027E2807	148
FIN	20010	ETELA-SAVO	12D	005	Pieksamaki	62N1600	027E0807	195
FIN	20010	ETELA-SAVO	12D	006	Puumala	61N3143	028E1131	100
FIN	20010	ETELA-SAVO	12D	007	Savitaipale	61N1211	027E3154	135
FIN	20010	ETELA-SAVO	12D	008	Sulkava	61N4832	028E1603	63

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
FIN	20010	ETELA-SAVO	12D	009	Uimaniemi	61N3944	026E1730	186
FIN	20010	ETELA-SAVO	12D	010	Varkaus	62N1815	027E5601	32
FIN	20011	POHJOIS-SAVO	12B	001	Iisalmi	63N3746	027E0442	86
FIN	20011	POHJOIS-SAVO	12B	002	Kaavi	62N5046	028E5456	247
FIN	20011	POHJOIS-SAVO	12B	003	Kuopio	62N4419	027E3245	190
FIN	20011	POHJOIS-SAVO	12B	004	Kuopio_Puijo	62N5433	027E3931	232
FIN	20011	POHJOIS-SAVO	12B	005	Maaninka	63N1009	027E2627	179
FIN	20011	POHJOIS-SAVO	12B	006	Pihtipudas	63N1717	025E3902	182
FIN	20011	POHJOIS-SAVO	12B	007	Pyhanta	63N5950	026E3230	202
FIN	20011	POHJOIS-SAVO	12B	008	Sotinpuro	63N2902	028E3928	252
FIN	20011	POHJOIS-SAVO	12B	009	Varkaus	62N1815	027E5601	32
FIN	20011	POHJOIS-SAVO	12B	010	Vesanto	62N5659	026E2603	178
FIN	20011	POHJOIS-SAVO	12B	011	Vuokatti	64N0734	028E1523	293
FIN	20012	POHJOIS-KARJALA	10A	001	Joensuu	62N3532	029E4644	107
FIN	20012	POHJOIS-KARJALA	10A	002	Kaavi	62N5046	028E5456	247
FIN	20012	POHJOIS-KARJALA	10A	003	Kerimaki	61N5921	029E1512	99
FIN	20012	POHJOIS-KARJALA	10A	004	Kiihtelysvaara	62N2415	030E3022	207
FIN	20012	POHJOIS-KARJALA	10A	005	Koli	63N0349	029E4712	286
FIN	20012	POHJOIS-KARJALA	10A	006	Nurmes	63N3253	029E0609	152
FIN	20012	POHJOIS-KARJALA	10A	007	Savijarvi	63N3754	029E5120	225
FIN	20013	KESKI-SUOMI	12A	001	Jyvaskyla	62N1229	025E3836	235
FIN	20013	KESKI-SUOMI	12A	002	Kaipola	61N4946	025E1426	164
FIN	20013	KESKI-SUOMI	12A	003	Multia	62N1960	024E5254	224
FIN	20013	KESKI-SUOMI	12A	004	Padasjoki	61N2053	025E1659	120
FIN	20013	KESKI-SUOMI	12A	005	Pihtipudas	63N1717	025E3902	182
FIN	20013	KESKI-SUOMI	12A	006	Saarijarvi	62N4550	025E1239	239
FIN	20013	KESKI-SUOMI	12A	007	Soini	62N5220	024E1239	198
FIN	20013	KESKI-SUOMI	12A	008	Suolahti	62N3247	025E5159	137
FIN	20013	KESKI-SUOMI	12A	009	Uimaniemi	61N3944	026E1730	186
FIN	20017	POHJOIS-POHJANMAA	12D	001	Haapavesi	64N0957	025E1551	150
FIN	20017	POHJOIS-POHJANMAA	12D	002	Juurikka	65N1111	026E5522	115
FIN	20017	POHJOIS-POHJANMAA	12D	003	Kalajoki	64N1650	023E5722	10
FIN	20017	POHJOIS-POHJANMAA	12D	004	Kemio	65N4029	024E3407	10

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
FIN	20017	POHJOIS-POHJANMAA	12D	005	Kortesalmi	65N4831	030E0129	270
FIN	20017	POHJOIS-POHJANMAA	12D	006	Kuivaniemi	65N3218	025E1555	28
FIN	20017	POHJOIS-POHJANMAA	12D	007	Kuusamo	65N5633	029E0623	343
FIN	20017	POHJOIS-POHJANMAA	12D	008	Lestijarvi	63N3311	024E3402	178
FIN	20017	POHJOIS-POHJANMAA	12D	009	Liminka	64N4216	025E2405	55
FIN	20017	POHJOIS-POHJANMAA	12D	010	Oulu	65N0203	025E5049	68
FIN	20017	POHJOIS-POHJANMAA	12D	011	Oulu_kaupunki	65N0005	025E2614	2
FIN	20017	POHJOIS-POHJANMAA	12D	012	Pihtipudas	63N1717	025E3902	182
FIN	20017	POHJOIS-POHJANMAA	12D	013	Posio	66N0009	027E3812	295
FIN	20017	POHJOIS-POHJANMAA	12D	014	Pyhanta	63N5950	026E3230	202
FIN	20017	POHJOIS-POHJANMAA	12D	015	Pyhasalmi	63N4101	025E5647	165
FIN	20017	POHJOIS-POHJANMAA	12D	016	Raahe	64N4058	024E2847	5
FIN	20017	POHJOIS-POHJANMAA	12D	017	Ruka	66N0935	029E0920	465
FIN	20017	POHJOIS-POHJANMAA	12D	018	Sievi	64N0037	024E2014	100
FIN	20017	POHJOIS-POHJANMAA	12D	019	Tukkimaankangas	65N3815	026E4314	155
FIN	20017	POHJOIS-POHJANMAA	12D	020	Utajarvi	64N5147	026E4330	121
FIN	20018	KAINUU	12D	001	Enonkyla	64N2034	026E4717	128
FIN	20018	KAINUU	12D	002	Kuhmo	64N0829	029E3548	220
FIN	20018	KAINUU	12D	003	Paljakka	64N4341	028E0517	355
FIN	20018	KAINUU	12D	004	Suomussalmi	64N5242	028E5558	213
FIN	20018	KAINUU	12D	005	Taivalkoski	65N1804	028E2127	284
FIN	20018	KAINUU	12D	006	Vuokatti	64N0734	028E1523	293
FIN	20019	LAPPI1	12A	001	Inari	68N5106	027E0738	362
FIN	20019	LAPPI1	12A	002	Karigasniemi	69N2539	025E5930	617
FIN	20019	LAPPI1	12A	003	Kemijarvi	66N4021	027E2648	260
FIN	20019	LAPPI1	12A	004	Kemio	65N4029	024E3407	10
FIN	20019	LAPPI1	12A	005	Kilpisjarvi	69N0233	020E5135	1025
FIN	20019	LAPPI1	12A	006	Kuttanen	68N2456	022E5037	409
FIN	20019	LAPPI1	12A	007	Naatamo	69N4014	029E0607	190
FIN	20019	LAPPI1	12A	008	Pello	66N4746	024E0712	309
FIN	20019	LAPPI1	12A	009	Peurapaa	68N3459	026E1438	368
FIN	20019	LAPPI1	12A	010	Posio	66N0009	027E3812	295
FIN	20019	LAPPI1	12A	011	Pyhatunturi	67N0116	027E1306	214

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
FIN	20019	LAPPI1	12A	012	Rovaniemi	66N3257	025E3428	191
FIN	20019	LAPPI1	12A	013	Sodankyla	67N2545	026E4057	216
FIN	20019	LAPPI1	12A	014	Tervola	66N0700	024E4210	134
FIN	20019	LAPPI1	12A	015	Tukkimaankangas	65N3815	026E4314	155
FIN	20019	LAPPI1	12A	016	Utsjoki	69N5348	027E0341	321
FIN	20019	LAPPI1	12A	017	Vuotso	68N0236	027E0859	393
FIN	20019	LAPPI1	12A	018	Yllas	67N3400	024E1257	696
FIN	20020	ITA-UUSIMAA	11C	001	Pernaja	60N3406	025E5456	45
FIN	20020	ITA-UUSIMAA	11C	002	Santahamina	60N0838	025E0210	5
FIN	20020	ITA-UUSIMAA	11C	003	Sipoo	60N2248	025E1834	70
FIN	20021	LAPPI2	7D	001	Ruka	66N0935	029E0920	465
FIN	20021	LAPPI2	7D	002	Salla	66N4541	028E4740	440
FIN	20021	LAPPI2	7D	003	Savukoski	67N4801	028E4018	445
FIN	20022	UUSIMAA	11B	001	Erkyla	60N4209	024E5515	154
FIN	20022	UUSIMAA	11B	002	Espoo	60N1039	024E3837	43
FIN	20022	UUSIMAA	11B	003	Fiskars	60N0731	023E2949	75
FIN	20022	UUSIMAA	11B	004	Hanko	59N5014	022E5618	19
FIN	20022	UUSIMAA	11B	005	Lahti	61N0023	025E3135	218
FIN	20022	UUSIMAA	11B	006	Liesjarvi	60N4106	024E0116	169
FIN	20022	UUSIMAA	11B	007	Pernaja	60N3406	025E5456	45
FIN	20022	UUSIMAA	11B	008	Santahamina	60N0838	025E0210	5
FIN	20022	UUSIMAA	11B	009	Sipoo	60N2248	025E1834	70
FIN	30001	HELSINKI	11A	001	Espoo	60N1039	024E3837	42
FIN	30001	HELSINKI	11A	002	Santahamina	60N0838	025E0210	5
FIN	30001	HELSINKI	11A	003	Sipoo	60N2248	025E1834	70
G__	50001	EXETER&TORBAY	11C	002	EXETER (ST THOMAS)	50N4360	003W3340	99
G__	50001	EXETER&TORBAY	11C	003	STOCKLAND HILL	50N4823	003W0615	229
G__	50004	Southend	12D	001	Sudbury	52N0015	000E4715	69
G__	50004	Southend	12D	002	Harlow (Rye Green)	51N4423	000E0556	110
G__	50004	Southend	12D	003	Baakers Wood	51N4215	000E2410	90
G__	50004	Southend	12D	004	Southend-On-Sea	51N3224	000E4251	25
G__	50004	Southend	12D	005	Benfleet	51N3301	000E3455	74
G__	50004	Southend	12D	006	Colchester	51N5459	000E5539	46

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
G__	50011	LONDON II	11B	001	Croydon	51N2433	000W0504	114
G__	50011	LONDON II	11B	002	Alexandra Palace	51N3540	000W0738	93
G__	50011	LONDON II	11B	003	Bluebell Hill (S)	51N1920	000E3119	191
G__	50011	LONDON II	11B	004	Guildford	51N1340	000W3613	137
G__	50011	LONDON II	11B	005	Reigate	51N1513	000W1155	232
G__	50011	LONDON II	11B	006	Zouches Farm	51N5238	000W2860	207
G__	50011	LONDON II	11B	007	Hemel Hempstead	51N4341	000W2528	137
G__	50011	LONDON II	11B	008	Kemsing L3	51N1925	000E1340	208
G__	50011	LONDON II	11B	010	Brookmans Park	51N4345	000W1037	126
G__	50012	LONDON III	12C	001	Croydon	51N2433	000W0504	114
G__	50012	LONDON III	12C	002	Alexandra Palace	51N3540	000W0738	93
G__	50012	LONDON III	12C	003	Bluebell Hill	51N1923	000E3119	189
G__	50012	LONDON III	12C	004	GUILDFORD	51N1340	000W3613	137
G__	50012	LONDON III	12C	005	REIGATE	51N1513	000W1155	232
G__	50012	LONDON III	12C	006	Zouches Farm	51N5238	000W2860	207
G__	50012	LONDON III	12C	007	Hemel Hemstead	51N4341	000W2528	137
G__	50012	LONDON III	12C	008	Kemsing	51N1925	000E1340	208
G__	50020	Aberdeen	11C	001	DURRIS	56N5959	002W2324	325
G__	50020	Aberdeen	11C	002	MELDRUM	57N2313	002W2351	244
G__	50020	Aberdeen	11C	003	MORMOND HILL	57N3608	002W0148	219
G__	50021	Bristol and Bath	11B	001	Dundry East	51N2330	002W3746	213
G__	50021	Bristol and Bath	11B	002	Bath Relay	51N2315	002W1955	167
G__	50021	Bristol and Bath	11B	003	Milbury Heath	51N3630	002W2857	106
G__	50021	Bristol and Bath	11B	004	Hutton	51N1927	002W5502	74
G__	50022	Dundee	11B	001	Angus	56N3316	002W5909	313
G__	50022	Dundee	11B	002	Purin Hill	56N1423	003W1220	337
G__	50022	Dundee	11B	003	Kirkton Mailer	56N2219	003W2709	178
G__	50022	Dundee	11B	004	Kinross	56N1050	003W2717	151
G__	50022	Dundee	11B	005	Faire Mhor	56N4220	003W3842	480
G__	50024	Ayr	11B	001	Darvel	55N3445	004W1722	285
G__	50024	Ayr	11B	002	West Kilbride	55N4143	004W5026	169
G__	50024	Ayr	11B	003	Brown Carrick Hill	55N2436	004W4159	273
G__	50029	BIRMINGHAM	11C	001	TURNERS HILL	52N2945	002W0244	265

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
G__	50029	BIRMINGHAM	11C	003	LICHFIELD	52N3809	001W4527	152
G__	50030	Coventry	12D	001	Meriden	52N2714	001W3718	184
G__	50030	Coventry	12D	002	Leamington Spa	52N1736	001W3103	91
G__	50030	Coventry	12D	003	Samuel Vale House	52N2444	001W3043	91
G__	50030	Coventry	12D	004	Barwell Water Twr	52N3407	001W1959	125
G__	50038	Wolverhampton	11B	001	The Wrekin	52N4012	002W3301	387
G__	50038	Wolverhampton	11B	002	Turners Hill	52N2945	002W0244	250
G__	50039	Liverpool	11B	001	Billinge Hill	53N3031	002W4310	170
G__	50039	Liverpool	11B	002	Hope Mountain	53N0619	003W0311	315
G__	50039	Liverpool	11B	003	St John's Beacon	53N2422	002W5851	10
G__	50040	MANCHESTER	11C	001	Winter Hill	53N3729	002W3051	438
G__	50040	MANCHESTER	11C	002	Sunley Building	53N2851	002W1406	44
G__	50050	Bournemouth	11B	001	Nine Barrow Down	50N3744	001W5914	201
G__	50050	Bournemouth	11B	002	Winterbourne	50N5041	002W1348	157
G__	50078	SOUTH YORKSHIRE	11C	001	TAPTON HILL	53N2243	001W3046	250
G__	50078	SOUTH YORKSHIRE	11C	002	CLIFTON	53N2725	001W1311	138
G__	50082	Humberside	11B	001	Bridlington	54N0717	000W1251	101
G__	50082	Humberside	11B	002	Cave Wold (BT)	53N4644	000W3308	156
G__	50082	Humberside	11B	003	Bevan Flats	53N3421	000W0406	4
G__	50085	LEEDS	12D	001	MORLEY	53N4412	001W3415	120
G__	50085	LEEDS	12D	002	BEECROFT HILL	53N4838	001W3824	146
G__	50085	LEEDS	12D	003	HUNTERS STONE	53N5732	001W4031	283
G__	50088	BRADFORD&HUDDERSFIEL	11B	001	AINLEY TOP	53N4024	001W4844	257
G__	50088	BRADFORD&HUDDERSFIEL	11B	002	WESTGATE HILL	53N4540	001W4131	220
G__	50088	BRADFORD&HUDDERSFIEL	11B	003	KEIGHLEY	53N5344	001W5342	303
G__	50090	Preston&Blackpool	12A	001	Winter Hill	53N3729	002W3051	438
G__	50090	Preston&Blackpool	12A	002	Pendle Forest	53N5029	002W1558	273
G__	50094	TEESSIDE	11B	001	BRUSSELTON	54N3707	001W4051	212
G__	50094	TEESSIDE	11B	002	ESTONNAB	54N3324	001W0712	241
G__	50095	TYNESIDE	11C	001	Burnhope	54N4916	001W4249	240
G__	50095	TYNESIDE	11C	002	Fenham	54N5838	001W3945	120
G__	50097	EDINBURGH	12D	001	Black Hill	55N5140	003W5222	270
G__	50097	EDINBURGH	12D	002	Craigkelly	56N0417	003W1356	180

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
G__	50097	EDINBURGH	12D	003	Knock Hill	56N0736	003W3119	355
G__	50097	EDINBURGH	12D	004	Penicuik	55N4907	003W1138	249
G__	50101	Glasgow	11C	001	Black Hill	55N5140	003W5222	275
G__	50101	Glasgow	11C	002	Glenifer Braes	55N4825	004W2744	230
G__	50101	Glasgow	11C	003	Darvel	55N3445	004W1722	285
G__	50101	Glasgow	11C	004	Earls Hill	56N0417	004W0335	415
G__	50114	Central Scotland	11D	001	KIRKO'S HOTTS	55N5100	003W4900	277
G__	50114	Central Scotland	11D	002	CRAIGKELLY	N04	003W13,5	182
G__	50114	Central Scotland	11D	003	GLENIFFER BRAES	N48	004W27,5	220
G__	50114	Central Scotland	11D	004	EARLS HILL	56N0417	004W0335	415
G__	50114	Central Scotland	11D	005	DARVEL	55N3445	004W1722	287
G__	50117	NE Regional	12C	001	Burnhope	54N4916	001W4249	240
G__	50117	NE Regional	12C	002	Fenham	54N5838	001W3945	120
G__	50117	NE Regional	12C	003	Bilsdale	54N2129	001W0856	381
G__	50117	NE Regional	12C	004	Alnwick	55N2159	001W4155	170
G__	50117	NE Regional	12C	005	Haining	54N5115	001W2638	160
G__	50118	Northwest Regional	12C	001	Warbreck Water Tower	53N5011	003W0206	17
G__	50118	Northwest Regional	12C	002	Lancaster	54N0520	002W4647	89
G__	50118	Northwest Regional	12C	003	Moel-Y-Parc	53N1314	003W1849	343
G__	50118	Northwset Regional	12C	004	Morecambe Bay	54N1207	003W1000	255
G__	50118	Northwest Regional	12C	005	Pendle Forest	53N5029	002W1558	275
G__	50118	Northwest Regional	12C	006	Sunley Building	53N2851	002W1406	44
G__	50118	Northwest Regional	12C	007	Sutton Common	53N1219	002W0601	401
G__	50118	Northwest Regional	12C	008	Winter Hill	53N3729	002W3051	436
G__	60002	INR Wales	11D	001	KILVEY HILL	51N3743	003W5508	193
G__	60002	INR Wales	11D	002	MENDIP	51N1410	002W3729	302
G__	60002	INR Wales	11D	004	WENVOE	51N2733	003W1652	129
G__	60002	INR Wales	11D	005	WINTER HILL	53N3729	002W3051	438
G__	60002	INR Wales	11D	007	BLAENPLWYF	52N2137	004W0606	177
G__	60002	INR Wales	11D	008	PRESELY	51N5636	004W3936	324
G__	60002	INR Wales	11D	010	LANCASTER	54N0520	002W4647	89
G__	60002	INR Wales	11D	011	MORECAMBE BAY	54N1207	003W1000	259
G__	60002	INR Wales	11D	012	Sunley Bldg	53N2851	002W1406	44

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
G__	70001	N Ireland	12D	001	Black Mountain	54N3511	006W0122	301
G__	70001	N Ireland	12D	002	Brougher Mountain	54N2518	007W2739	309
G__	70001	N Ireland	12D	003	Londonderry	55N0012	007W2207	168
G__	70001	Northern Ireland	12D	004	Limavady	55N0631	006W5309	356
G__	70001	Northern Ireland	12D	005	Colinward	54N3913	005W5733	335
G__	70001	N Ireland	12D	006	Strabane	54N4755	007W2320	274
G__	90001	UKBBC	12B	001	CRYSTAL PALACE	51N2525	000W0426	110
G__	90001	UKBBC	12B	002	GUILDFORD	51N1340	000W3613	137
G__	90001	UKBBC	12B	003	REIGATE	51N1513	000W1155	235
G__	90001	UKBBC	12B	004	ALEX PALACE	51N3536	000W0744	93
G__	90001	UKBBC	12B	005	SUTTON COLDFLD	52N3600	001W4959	169
G__	90001	UKBBC	12B	006	DAVENTRY	52N1513	001W0813	198
G__	90001	UKBBC	12B	007	TURNERS HILL	52N2951	002W0255	269
G__	90001	UKBBC	12B	008	WINTER HILL	53N3729	002W3051	438
G__	90001	UKBBC	12B	009	EMLEY MOOR	53N3640	001W3952	256
G__	90001	UKBBC	12B	010	SHEFFIELD	53N2243	001W3046	247
G__	90001	UKBBC	12B	011	HOLME MOSS	53N3200	001W5124	524
G__	90001	UKBBC	12B	012	KIRK O-SHOTTS	55N5108	003W4928	277
G__	90001	UKBBC	12B	013	WENVOE	51N2733	003W1652	129
G__	90001	UKBBC	12B	014	DIVIS	54N3624	006W0029	368
G__	90001	UKBBC	12B	015	ROWRIDGE	50N4033	001W2202	143
G__	90001	UKBBC	12B	016	PONTOP PIKE	54N5204	001W4610	305
G__	90001	UKBBC	12B	017	MENDIP	51N1410	002W3729	302
G__	90001	UKBBC	12B	018	DOVER	51N0639	001E1457	135
G__	90001	UKBBC	12B	019	BILSDALE	54N2129	001W0856	381
G__	90001	UKBBC	12B	020	OXFORD	51N4723	001W1040	130
G__	90001	UKBBC	12B	021	BELMONT	53N2006	000W1014	125
G__	90001	UKBBC	12B	022	ALSAGERS BANK	53N0137	002W1649	220
G__	90001	UKBBC	12B	023	SANDY HEATH	52N0746	000W1427	55
G__	90001	UKBBC	12B	024	BOW BRICKHLL	51N5954	000W4007	169
G__	90001	UKBBC	12B	025	ZOUCHES FARM	51N5238	000W2854	207
G__	90001	UKBBC	12B	026	HANNINGTON	51N1827	001W1438	217
G__	90001	UKBBC	12B	027	PETERBOROUGH	52N3027	000W2021	56

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
G__	90001	UKBBC	12B	028	BEACON HILL	50N2643	003W3636	188
G__	90001	UKBBC	12B	029	REDRUTH	50N1235	005W1417	229
G__	90001	UKBBC	12B	030	MOEL-Y-PARC	53N1314	003W1849	340
G__	90001	UKBBC	12B	031	BLUEBELL HILL	51N1923	000E3119	191
G__	90001	UKBBC	12B	032	BROMSGROVE	52N2117	002W0435	148
G__	90001	UKBBC	12B	033	RIDGE HILL	51N5947	002W3220	204
G__	90001	UKBBC	12B	034	CHDOWN HILL	51N5202	002W1027	147
G__	90001	UKBBC	12B	035	LARKSTOKE	52N0452	001W4338	260
G__	90001	UKBBC	12B	036	BLUNSDON	51N3629	001W4737	147
G__	90001	UKBBC	12B	037	NAISH HILL	51N2457	002W0434	177
G__	90001	UKBBC	12B	038	PENDLE FOREST	53N5029	002W1558	275
G__	90001	UKBBC	12B	039	KEIGHLEY	53N5344	001W5342	303
G__	90001	UKBBC	12B	040	IDLE	53N4957	001W4508	215
G__	90001	UKBBC	12B	041	HIGH HUNSLEY	53N4809	000W3354	164
G__	90001	UKBBC	12B	042	HEMEL HEMPSTED	51N4342	000W2528	137
G__	90001	UKBBC	12B	043	MANNINGTREE	51N5523	001E0516	33
G__	90001	UKBBC	12B	044	LANCASTER	54N0520	002W4647	89
G__	90001	UKBBC	12B	045	MORECAMBE BAY	54N1207	003W1000	259
G__	90001	UKBBC	12B	046	CRAIGKELLY	56N0418	003W1356	180
G__	90001	UKBBC	12B	047	KILVEY HILL	51N3743	003W5508	193
G__	90001	UKBBC	12B	048	WALTHAM	52N4803	000W4800	133
G__	90001	UKBBC	12B	049	THE WREKIN	52N4012	002W3301	389
G__	90001	UKBBC	12B	050	ABINGTON	55N2852	003W4050	429
G__	90001	UKBBC	12B	051	ANGUS	56N3316	002W5909	313
G__	90001	UKBBC	12B	052	DARVEL	55N3445	004W1722	285
G__	90001	UKBBC	12B	053	DURRIS	56N5959	002W2325	325
G__	90001	UKBBC	12B	054	GLENIFFER BRAE	55N4825	004W2744	230
G__	90001	UKBBC	12B	055	KIRKCONNEL	55N2446	003W5852	476
G__	90001	UKBBC	12B	056	KIRKTON MAILER	56N2219	003W2709	180
G__	90001	UKBBC	12B	057	KNOCKMORE	57N3157	003W0803	355
G__	90001	UKBBC	12B	058	LETHAN HILL	55N2149	004W2753	313
G__	90001	UKBBC	12B	059	MELDRUM	57N2313	002W2351	245
G__	90001	UKBBC	12B	060	MOFFAT	55N1949	003W2718	152

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
G__	90001	UKBBC	12B	061	MORMOND HILL	57N3612	002W0148	219
G__	90001	UKBBC	12B	062	MT EAGLE	57N3530	004W1638	212
G__	90001	UKBBC	12B	063	ROSNEATH	55N5928	004W4735	107
G__	90001	UKBBC	12B	064	ROTHESAY	55N5239	004W5952	157
G__	90001	UKBBC	12B	065	BARSKEOCH	54N5605	003W5127	180
G__	90001	UKBBC	12B	066	CAMBRET HILL	54N5335	004W1806	348
G__	90001	UKBBC	12B	067	FENHAM	54N5838	001W3945	120
G__	90001	UKBBC	12B	068	KENDAL	54N1851	002W4226	177
G__	90001	UKBBC	12B	069	KESWICK FOREST	54N3631	003W1211	220
G__	90001	UKBBC	12B	070	PENRITH	54N4028	002W4339	263
G__	90001	UKBBC	12B	071	PICCADILLY PLA	53N2851	002W1412	46
G__	90001	UKBBC	12B	072	RIDDINGS HILL	55N0500	003W4307	230
G__	90001	UKBBC	12B	073	SANDALE	54N4452	003W0826	363
G__	90001	UKBBC	12B	074	SEDBERGH	54N1706	002W3613	214
G__	90001	UKBBC	12B	075	STRANRAER	54N5147	005W0253	158
G__	90001	UKBBC	12B	076	TEBAY	54N2604	002W3509	210
G__	90001	UKBBC	12B	077	WARBRECK WT	53N5014	003W0217	17
G__	90001	UKBBC	12B	078	WHITEHAVEN	54N2958	003W3324	125
G__	90001	UKBBC	12B	079	WINDERMERE	54N2225	002W5700	217
G__	90001	UKBBC	12B	080	BATH	51N2312	002W1955	174
G__	90001	UKBBC	12B	081	BINCOMBE HILL	50N3941	002W2634	160
G__	90001	UKBBC	12B	082	BURTON DOWN	50N5431	000W3738	245
G__	90001	UKBBC	12B	083	CARADON HILL	50N3036	004W2610	369
G__	90001	UKBBC	12B	084	CRABWOOD FARM	51N0345	001W2133	158
G__	90001	UKBBC	12B	085	DAWLISH	50N3504	003W2900	108
G__	90001	UKBBC	12B	086	DUNDRY	51N2356	002W3844	233
G__	90001	UKBBC	12B	087	HUNTSHAW CROSS	50N5841	004W0555	198
G__	90001	UKBBC	12B	088	KINGSBRIDGE	50N1624	003W4742	94
G__	90001	UKBBC	12B	089	LYME REGIS	50N4413	002W5542	162
G__	90001	UKBBC	12B	090	MARLBOROUGH	51N2502	001W4158	198
G__	90001	UKBBC	12B	091	MIDHURST	51N0100	000W4159	191
G__	90001	UKBBC	12B	092	PLYMPTON	50N2249	004W0359	114
G__	90001	UKBBC	12B	093	POOLE	50N4341	001W5651	64

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
G__	90001	UKBBC	12B	094	PURDOWN	51N2905	002W3342	91
G__	90001	UKBBC	12B	095	SALISBURY	51N0319	001W4821	107
G__	90001	UKBBC	12B	096	SHAFTSBRY	51N0037	002W1138	218
G__	90001	UKBBC	12B	097	SLAPTON	50N1543	003W3941	100
G__	90001	UKBBC	12B	098	ST THOMAS EXET	50N4306	003W3340	99
G__	90001	UKBBC	12B	099	STOCKLAND HILL	50N4823	003W0615	229
G__	90001	UKBBC	12B	100	TAUNTONVHF	50N5947	003W0459	33
G__	90001	UKBBC	12B	101	TOOT HILL	50N5738	001W2711	84
G__	90001	UKBBC	12B	102	CHARING HILL	51N1306	000E4851	193
G__	90001	UKBBC	12B	103	CHARTHAM	51N1553	001E0053	69
G__	90001	UKBBC	12B	104	EASTBOURNE	50N4522	000E1638	35
G__	90001	UKBBC	12B	105	FAVERSHAM	51N1818	000E5231	33
G__	90001	UKBBC	12B	106	HASTINGS	50N5139	000E3359	76
G__	90001	UKBBC	12B	107	HEATHFIELD	50N5832	000E1351	157
G__	90001	UKBBC	12B	108	NEWHAVEN	50N4712	000E0210	82
G__	90001	UKBBC	12B	109	TUNBRIDGE WELL	51N1020	000E1757	122
G__	90001	UKBBC	12B	110	WESTWOOD (TH)	51N2134	001E2356	49
G__	90001	UKBBC	12B	111	WHITEHAWK	50N4927	000W0641	121
G__	90001	UKBBC	12B	112	ALDEBURGH	52N1048	001E3421	15
G__	90001	UKBBC	12B	113	DANBURY	51N4254	000E3432	107
G__	90001	UKBBC	12B	114	FELIXSTOWE	51N5742	001E2120	20
G__	90001	UKBBC	12B	115	GREAT BARTON	52N1658	000E4555	63
G__	90001	UKBBC	12B	116	GT BRAXTED	51N4804	000E4245	82
G__	90001	UKBBC	12B	117	GT MASSINGHM	52N4622	000E3903	92
G__	90001	UKBBC	12B	118	GT YARMOUTH	52N3459	001E4318	5
G__	90001	UKBBC	12B	119	KINGS LYNN	52N4926	000E2921	51
G__	90001	UKBBC	12B	120	MADINGLEY	52N1253	000E0216	64
G__	90001	UKBBC	12B	121	SAFFRON WALD	52N0206	000E1346	93
G__	90001	UKBBC	12B	122	SOUTHWOLD	52N1934	001E4036	10
G__	90001	UKBBC	12B	123	STOKE HOLY X	52N3426	001E1958	75
G__	90001	UKBBC	12B	124	TACOLNESTON	52N3105	001E0828	70
G__	90001	UKBBC	12B	125	WELLS-N-T-SEA	52N5628	000E5716	36
G__	90001	UKBBC	12B	126	WEST RUNTON	52N5524	001E1508	99

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
G__	90001	UKBBC	12B	127	WICKHAMBROOK B	52N1126	000E3256	125
G__	90001	UKBBC	12B	128	ARMAGH	54N2032	006W3747	114
G__	90001	UKBBC	12B	129	BALLYCASTLE	55N1258	006W1828	150
G__	90001	UKBBC	12B	130	BALLYNAHINCH	54N2407	005W5409	100
G__	90001	UKBBC	12B	131	BANGOR	54N3940	005W4031	182
G__	90001	UKBBC	12B	132	BROUGHER MOUNT	54N2518	007W2739	305
G__	90001	UKBBC	12B	133	CAMLOUGH	54N0934	006W2300	340
G__	90001	UKBBC	12B	134	CARNMONY HILL	54N4035	005W5543	203
G__	90001	UKBBC	12B	135	CRAIGBALLYHARK	54N3723	006W5150	232
G__	90001	UKBBC	12B	136	KILKEEL	54N0542	006W0230	254
G__	90001	UKBBC	12B	137	LARNE	54N5142	005W4938	119
G__	90001	UKBBC	12B	138	LEITRIM	54N1857	006W0433	312
G__	90001	UKBBC	12B	139	LIMAVADY	55N0631	006W5309	356
G__	90001	UKBBC	12B	140	LISBELAW	54N1900	007W3130	91
G__	90001	UKBBC	12B	141	LONDONDERRY	55N0012	007W2207	175
G__	90001	UKBBC	12B	142	NEWCASTLE	54N1212	005W5445	251
G__	90001	UKBBC	12B	143	NEWTOWNARDS	54N3524	005W4040	38
G__	90001	UKBBC	12B	144	STRABANE	54N4755	007W2320	274
G__	90001	UKBBC	12B	145	TULLY HILL	54N5146	006W2548	195
G__	90001	UKBBC	12B	146	GLOSSOP	53N2715	001W5734	267
G__	90001	UKBBC	12B	147	BUXTON	53N1628	001W5436	433
G__	90001	UKBBC	12B	148	BOLEHILL	53N0534	001W3334	305
G__	90001	UKBBC	12B	149	SHATTON EDGE	53N1944	001W4231	366
G__	90001	UKBBC	12B	150	SOUTH KNAPDALE	55N5503	005W2743	482
G__	90001	UKBBC	12B	151	BIGGAR	55N3434	003W3339	325
G__	90001	UKBBC	12B	152	MALLAIG	57N0004	005W4938	75
G__	90001	UKBBC	12B	153	ABERDARE	51N4206	003W2353	282
G__	90001	UKBBC	12B	154	ABERGAVENNY	51N4823	003W0548	436
G__	90001	UKBBC	12B	155	LLYSWEN	52N0058	003W1528	228
G__	90001	UKBBC	12B	156	OGMORE VALE	51N3534	003W3247	290
G__	90001	UKBBC	12B	157	PENNAR	51N3918	003W0837	229
G__	90001	UKBBC	12B	158	BRECON	51N5654	003W2236	225
G__	90001	UKBBC	12B	159	BELLINGHAM	55N0729	002W1543	226

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
G__	90001	UKBBC	12B	160	BYRNESS	55N1825	002W2207	366
G__	90001	UKBBC	12B	161	SHILBOTTLE	55N2159	001W4155	170
G__	90001	UKBBC	12B	162	MAPPERLEY RIDG	52N5832	001W0754	122
G__	90001	UKBBC	12B	163	STANTON MOOR	53N1010	001W3755	305
G__	90001	UKBBC	12B	164	ASHBOURNE	53N0038	001W4343	165
G__	90001	UKBBC	12B	165	PETERHEAD	57N2950	001W4853	46
G__	90001	UKBBC	12B	166	THETFORD	52N2518	000E4440	37
G__	90001	UKBBC	12B	167	LOWESTOFT	52N2913	001E4425	35
G__	90001	UKBBC	12B	168	WHITBY	54N2920	000W3616	59
G__	90001	UKBBC	12B	169	GUISBOROUGH	54N3234	001W0505	178
G__	90001	UKBBC	12B	170	ACKLAM WOLD	54N0248	000W4708	224
G__	90001	UKBBC	12B	171	LLANDDONA	53N1824	004W0737	146
G__	90001	UKBBC	12B	172	BETWS-Y-COED	53N0628	003W4520	305
G__	90001	UKBBC	12B	173	PENMAEN RHOS	53N1709	003W4105	127
G__	90001	UKBBC	12B	174	CONWAY	53N1616	003W4941	113
G__	90001	UKBBC	12B	175	ARFON	53N0108	004W1620	290
G__	90001	UKBBC	12B	176	LLANDECWYN	52N5450	004W0101	268
G__	90001	UKBBC	12B	177	FFESTINIOG	52N5600	003W5516	308
G__	90001	UKBBC	12B	178	CAERGYBI (HOLY	53N1811	004W3752	6
G__	90001	UKBBC	12B	179	CARMEL	51N4904	004W0358	255
G__	90001	UKBBC	12B	180	LLANDRINDOD	52N1538	003W2620	433
G__	90001	UKBBC	12B	181	OLIVERS MOUNT	54N1601	000W2411	151
G__	90001	UKBBC	12B	182	PITLOCHRY	56N4117	003W4531	381
G__	90001	UKBBC	12B	183	BLAIR ATHOLL	56N4615	003W4835	399
G__	90001	UKBBC	12B	184	PRESELY	51N5636	004W3936	324
G__	90001	UKBBC	12B	185	LLWYN ONN	52N4414	004W0213	274
G__	90001	UKBBC	12B	186	DOLGELLAU	52N4456	003W5310	103
G__	90001	UKBBC	12B	187	KEELYLANG HILL	58N5829	003W0455	220
G__	90001	UKBBC	12B	188	BRESSAY	60N0749	001W0540	226
G__	90001	UKBBC	12B	189	BLAENPLWYF	52N2137	004W0606	177
G__	90001	UKBBC	12B	190	MACHYNLLETH	52N3510	003W5301	91
G__	90001	UKBBC	12B	191	FISHGUARD	52N0042	004W5947	122
G__	90001	UKBBC	12B	192	LONG MOUNTAIN	52N3837	003W0511	401

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
G__	90001	UKBBC	12B	193	LLANDINAM	52N2843	003W2356	454
G__	90001	UKBBC	12B	194	LLANIDLOES	52N2646	003W3258	244
G__	90001	UKBBC	12B	195	LANGHOLM	55N0814	003W0026	271
G__	90001	UKBBC	12B	196	ANDREAS IOM	54N2233	004W2407	91
G__	90001	UKBBC	12B	197	BALA	52N5529	003W3202	310
G__	90001	UKBBC	12B	198	LLANGOLLEN	53N0149	003W1047	556
G__	90001	UKBBC	12B	199	PENICUIK	55N4907	003W1138	249
G__	90001	UKBBC	12B	200	DUNKELD	56N3321	003W3308	250
G__	90001	UKBBC	12B	201	RUMSTER	58N1941	003W2217	221
G__	90001	UKBBC	12B	202	GARTH HILL	52N2047	003W0402	335
G__	90001	UKBBC	12B	203	GIRVAN	55N1440	004W4852	195
G__	90001	UKBBC	12B	204	CAMPBELTOWN	55N2447	005W3723	91
G__	90001	UKBBC	12B	205	BOWMORE	55N4500	006W1629	49
G__	90001	UKBBC	12B	206	MILLBURN MUIR	55N5855	004W3600	152
G__	90001	UKBBC	12B	207	GRANTOWN	57N1913	003W3921	395
G__	90001	UKBBC	12B	208	KINGUSSIE	57N0341	004W0148	351
G__	90001	UKBBC	12B	209	EITSHAL	58N1046	006W3506	206
G__	90001	UKBBC	12B	210	SKRIAIG	57N2311	006W1432	387
G__	90001	UKBBC	12B	211	ULLAPOOL	57N5333	005W0806	150
G__	90001	UKBBC	12B	212	CHATTON	55N3152	001W5001	191
G__	90001	UKBBC	12B	213	ROTHBURY	55N1722	001W5704	282
G__	90001	UKBBC	12B	214	TOMATIN	57N2005	003W5726	411
G__	90001	UKBBC	12B	215	COW HILL	56N4853	005W0537	281
G__	90001	UKBBC	12B	216	BALLACHULISH	56N4107	005W1010	14
G__	90001	UKBBC	12B	217	GLENGORM	56N3754	006W0803	253
G__	90001	UKBBC	12B	218	TOROSAY	56N2730	005W4343	427
G__	90001	UKBBC	12B	219	MELVAIG	57N5036	005W4647	278
G__	90001	UKBBC	12B	220	CLETTRAVAL	57N3702	007W2634	122
G__	90001	UKBBC	12B	221	DALIBURGH	57N1008	007W2405	6
G__	90001	UKBBC	12B	222	SELKIRK	55N3321	002W4734	288
G__	90001	UKBBC	12B	223	PEEBLES	55N3942	003W1338	353
G__	90001	UKBBC	12B	224	INNERLEITHEN	55N3712	003W0419	244
G__	90001	UKBBC	12B	225	BERWICK	55N4708	002W0155	131

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
G__	90001	UKBBC	12B	226	DOUGLAS	54N0829	004W2928	150
G__	90001	UKBBC	12B	227	BEARY PEARK	54N1257	004W3655	278
G__	90001	UKBBC	12B	228	PORT ST MARY	54N0429	004W4432	70
G__	90001	UKBBC	12B	229	LAXEY(IOM)	54N1327	004W2352	91
G__	90001	UKBBC	12B	230	FISHPONDS HILL	53N0823	001W1354	168
G__	95001	INR Scotland	12A	001	KIRK O-SHOTTS	55N5114	003W4928	277
G__	95001	INR Scotland	12A	002	CRAIGKELLY	56N0417	003W1356	180
G__	95001	INR Scotland	12A	003	DARVEL	55N3445	004W1722	285
G__	95001	INR Scotland	12A	004	Caldbeck (Scotland)	54N4621	003W0523	289
G__	95001	INR Scotland	12A	005	Glenifer Braes	55N4825	004W2744	230
G__	95001	INR Scotland	12A	006	Rosneath	55N5928	004W4735	107
G__	95001	INR Scotland	12A	007	Rothesay	55N5239	004W5952	15
G__	95001	INR Scotland	12A	008	Angus	56N3316	002W5909	313
G__	95001	INR Scotland	12A	009	Durris	56N5959	002W2325	325
G__	95001	INR Scotland	12A	010	Kirkton Mailer	56N2219	003W2709	180
G__	95001	INR Scotland	12A	011	Meldrum	57N2313	002W2351	245
G__	95001	INR Scotland	12A	012	Knock More	57N3157	003W0803	355
G__	95001	INR Scotland	12A	013	Mounteagle	57N3530	004W1638	212
HOL	05000	LANDELIJK BLOCK 1	12C	001	LOPIK	52N0101	005E0303	0
HOL	05000	LANDELIJK BLOCK 1	12C	002	HAARLEM	52N2323	004E4040	-2
HOL	05000	LANDELIJK BLOCK 1	12C	003	ROTTERDAM	51N5252	004E2626	-3
HOL	05000	LANDELIJK BLOCK	12C	004	AMSTERDAM	52N2306	004E5535	-2
HOL	05000	LANDELIJK BLOCK 1	12C	005	APELDOORN	52N1300	005E5800	15
HOL	05000	LANDELIJK BLOCK 1	12C	006	ARNHEM	51N5959	005E5252	65
HOL	05000	LANDELIJK BLOCK 1	12C	007	DEN HAAG	52N0450	004E2009	0
HOL	05000	LANDELIJK BLOCK 1	12C	008	EMMEN	52N4600	006E5500	20
HOL	05000	LANDELIJK BLOCK 1	12C	009	EYS	50N5050	005E5555	162
HOL	05000	LANDELIJK BLOCK 1	12C	010	GENNEP	51N4300	005E5200	10
HOL	05000	LANDELIJK BLOCK 1	12C	011	GOES	51N3042	003E5304	0
HOL	05000	LANDELIJK BLOCK 1	12C	012	HENGELO	52N1700	006E4700	15
HOL	05000	LANDELIJK BLOCK 1	12C	013	HOOGEZAND	53N0909	006E4545	1
HOL	05000	LANDELIJK BLOCK 1	12C	014	IRNSUM	53N0505	005E4747	0
HOL	05000	LANDELIJK BLOCK 1	12C	015	LELYSTAD	52N3131	005E2626	-4

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
HOL	05000	LANDELIJK BLOCK 1	12C	016	LOON OP ZAND	51N3636	005E0404	10
HOL	05000	LANDELIJK BLOCK 1	12C	017	MAASTRICHT	50N4949	005E4040	59
HOL	05000	LANDELIJK BLOCK 1	12C	018	MIERLO	51N2626	005E3636	20
HOL	05000	LANDELIJK BLOCK 1	12C	019	PHILLIPINE	51N1616	003E4545	1
HOL	05000	LANDELIJK BLOCK 1	12C	020	ROERMOND	51N1111	005E5858	20
HOL	05000	LANDELIJK BLOCK 1	12C	021	ROOSENDAAL	51N3126	004E2741	5
HOL	05000	LANDELIJK BLOCK 1	12C	022	RUURLO	52N0404	006E2727	16
HOL	05000	LANDELIJK BLOCK 1	12C	023	SCHIERMONNIKOOG	53N2900	006E1300	2
HOL	05000	LANDELIJK BLOCK 1	12C	024	SMILDE	52N5454	006E2424	11
HOL	05000	LANDELIJK BLOCK 1	12C	025	TERSCHELLING	53N2500	005E2200	3
HOL	05000	LANDELIJK BLOCK 1	12C	026	TEXEL	53N0500	004E4800	2
HOL	05000	LANDELIJK BLOCK 1	12C	027	VENLO	51N2300	006E0900	20
HOL	05000	LANDELIJK BLOCK 1	12C	028	WIERINGERMEER	52N5454	005E0303	-4
HOL	05000	LANDELIJK BLOCK 1	12C	029	ZWOLLE	52N3100	006E0400	2
HRV	00561	HRV3	12C	001	SLJEME	45N5359	015E5710	1032
NOR	00001	NATIONAL	12D	001	TRYVASSHOEGDA	59N5908	010E4019	510
NOR	00001	NATIONAL	12D	002	KONGSBERG	59N4017	009E3125	898
NOR	00001	NATIONAL	12D	003	HALDEN	59N1033	011E2545	233
NOR	00001	NATIONAL	12D	004	MISTBERGET	60N2238	011E0939	665
NOR	00001	NATIONAL	12D	005	JETTA	61N5355	009E1706	1617
NOR	00001	NATIONAL	12D	006	VINSTRA_1	61N3333	009E4802	715
NOR	00001	NATIONAL	12D	007	VIKTJERNAASEN	59N4216	011E2148	330
NOR	00001	NATIONAL	12D	008	SKIEN	59N1411	009E4202	497
NOR	00001	NATIONAL	12D	009	BANGSBERGET	60N5046	010E5351	486
NOR	00001	NATIONAL	12D	010	HORTA	61N1956	011E0543	1030
NOR	00001	NATIONAL	12D	011	KONGSVINGER	60N1005	011E5945	403
NOR	00001	NATIONAL	12D	012	NORDHUE	60N5941	011E2023	770
NOR	00001	NATIONAL	12D	013	TRON	62N1029	010E4150	1655
NOR	00001	NATIONAL	12D	014	AAKERSTEN	61N4423	011E1033	641
NOR	00001	NATIONAL	12D	015	KVIKNE	62N3309	010E1856	800
NOR	00001	NATIONAL	12D	016	GROETAASEN	61N5204	010E5240	554
NOR	00001	NATIONAL	12D	017	GRAN	60N2330	010E3710	760
NOR	00001	NATIONAL	12D	018	LILLEHAMMER	61N0636	010E2447	448

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
NOR	00001	NATIONAL	12D	019	RINGEBU_1	61N3343	010E0546	805
NOR	00001	NATIONAL	12D	020	SJOA_1	61N4117	009E3410	815
NOR	00001	NATIONAL	12D	021	SKEIKAMPEN	61N2105	010E0523	1124
NOR	00001	NATIONAL	12D	022	HJERKINN	62N1245	009E3227	1231
NOR	00001	NATIONAL	12D	023	TRETTEN_1	61N2015	010E1906	638
NOR	00001	NATIONAL	12D	024	BERKAAK	62N5008	010E0303	600
NOR	00001	NATIONAL	12D	025	MELHUS	63N1541	010E2131	708
NOR	00001	NATIONAL	12D	026	AALMENBERGET	62N3408	009E4246	1340
NOR	00001	NATIONAL	12D	027	MOSVIK	63N4620	010E5709	401
NOR	00001	NATIONAL	12D	028	KAUTOKEINO	69N1302	023E2606	580
NOR	00001	NATIONAL	12D	029	ISKURAS	69N1800	025E2103	579
NOR	00001	NATIONAL	12D	030	HVITINGEN	59N3247	010E1147	404
NOR	00001	NATIONAL	12D	031	LESJA	62N0546	009E0232	835
NOR	00001	NATIONAL	12D	032	DRIVDALEN	62N2307	009E3830	780
NOR	00001	NATIONAL	12D	033	ARENDAL	58N2653	008E4529	91
NOR	00001	NATIONAL	12D	034	FENNEFOSSKNIPA	58N3515	007E4654	450
NOR	00001	NATIONAL	12D	035	HOVDEFJELL	58N4214	008E3937	524
NOR	00001	NATIONAL	12D	036	EIKEN	58N2944	007E1221	650
NOR	00001	NATIONAL	12D	037	GREIPSTAD	58N1310	007E5113	298
NOR	00001	NATIONAL	12D	038	LYNGDAL	58N1135	006E5602	500
NOR	00001	NATIONAL	12D	039	TONSTAD	58N3937	006E4438	630
NOR	00001	NATIONAL	12D	040	BJERKREIM	58N3802	005E5723	548
NOR	00001	NATIONAL	12D	041	BOKN	59N1315	005E2546	288
NOR	00001	NATIONAL	12D	042	LYSENUT	59N3142	005E5420	812
NOR	00001	NATIONAL	12D	043	BERGEN	60N2239	005E2259	606
NOR	00001	NATIONAL	12D	044	STORD	59N5228	005E2945	715
NOR	00001	NATIONAL	12D	045	LARVIK	59N0331	010E0247	96
NOR	00001	NATIONAL	12D	046	SANDEFJORD	59N0724	010E1443	108
NOR	00001	NATIONAL	12D	047	SALTEN	67N1025	015E0139	800
NOR	00001	NATIONAL	12D	048	TROMSOE 2	69N3811	018E5959	406
NOR	00001	NATIONAL	12D	049	HALDENHAVN	59N0700	011E2251	4
NOR	00001	NATIONAL	12D	050	SPRINKLERFJELL	59N1317	010E5222	114
NOR	00001	NATIONAL	12D	051	SARPSBORGTELE	59N1703	011E0639	53

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
NOR	00001	NATIONAL	12D	052	MOSS	59N2711	010E3811	120
NOR	00001	NATIONAL	12D	053	TRIPPESTAD	59N3529	011E1059	180
NOR	00001	NATIONAL	12D	054	DALEHOEGDA	59N3201	011E2331	240
NOR	00001	NATIONAL	12D	055	BRANNFJELL	59N5318	010E4742	190
NOR	00001	NATIONAL	12D	056	STORSAND	59N3929	010E3544	100
NOR	00001	NATIONAL	12D	057	TOENSBERGTELE	59N1609	010E2428	19
NOR	00001	NATIONAL	12D	058	LANGANGEN	59N0926	009E4658	214
NOR	00001	NATIONAL	12D	059	HOEGENHEI	59N0237	009E4042	148
NOR	00001	NATIONAL	12D	060	BORGEAASEN	59N0912	009E4013	110
NOR	00001	NATIONAL	12D	061	NORDBYKOLLEN	59N4311	010E1447	240
NOR	00001	NATIONAL	12D	062	SOLBERGAASEN	59N4545	010E0248	225
NOR	00001	NATIONAL	12D	063	GULEN	61N0206	005E0924	723
NOR	00001	NATIONAL	12D	064	KRISTIANSAND	58N0807	008E0026	74
NOR	00001	NATIONAL	12D	065	LIFJELL_STAVANGER	58N5513	005E4728	290
NOR	00003	MIDTNORGE	12C	024	BERKAAK	62N5008	010E0303	600
NOR	00003	MIDTNORGE	12C	025	MELHUS	63N1541	010E2131	708
NOR	00003	MIDTNORGE	12C	026	AALMENBERGET	62N3408	009E4246	1340
NOR	00003	MIDTNORGE	12C	027	MOSVIK	63N4620	010E5709	401
NOR	00003	MIDTNORGE	12C	032	DRIVDALEN	62N2307	009E3830	780
NOR	00004	VESTNORGE	12B	040	BJERKREIM	58N3802	005E5723	548
NOR	00004	VESTNORGE	12B	041	BOKN	59N1315	005E2546	288
NOR	00004	VESTNORGE	12B	042	LYSENUT	59N3142	005E5420	812
NOR	00004	VESTNORGE	12B	043	BERGEN	60N2239	005E2259	606
NOR	00004	VESTNORGE	12B	044	STORD	59N5228	005E2945	715
NOR	00004	VESTNORGE	12B	063	GULEN	61N0206	005E0924	723
NOR	00004	VESTNORGE	12B	065	LIFJELL_STAVANGER	58N5513	005E4728	290
NOR	00007	OSLOFJORD	12C	001	OSLO	59N5921	010E4009	530
NOR	00007	OSLOFJORD	12C	003	HALDEN	59N1033	011E2545	233
NOR	00007	OSLOFJORD	12C	004	MISTBERGET	60N2238	011E0939	665
NOR	00007	OSLOFJORD	12C	007	VIKTJERNAASEN	59N4216	011E2148	330
NOR	00007	OSLOFJORD	12C	008	SKIEN	59N1411	009E4202	497
NOR	00007	OSLOFJORD	12C	030	HVITINGEN	59N3247	010E1147	404
NOR	00007	OSLOFJORD	12C	045	LARVIK	59N0331	010E0247	96

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
NOR	00007	OSLOFJORD	12C	046	SANDEFJORD	59N0724	010E1443	108
NOR	00007	OSLOFJORD	12C	049	HALDENHAVN	59N0700	011E2351	4
NOR	00007	OSLOFJORD	12C	050	SPRINKLERFJELL	59N1317	010E5222	114
NOR	00007	OSLOFJORD	12C	051	SARPSBORGTELE	59N1703	011E0639	53
NOR	00007	OSLOFJORD	12C	052	MOSS	59N2711	010E3811	120
NOR	00007	OSLOFJORD	12C	053	TRIPPESTAD	59N3529	011E1059	180
NOR	00007	OSLOFJORD	12C	054	DALEHOEGDA	59N4311	010E1447	240
NOR	00007	OSLOFJORD	12C	055	BRANNFJELL	59N5318	010E4742	190
NOR	00007	OSLOFJORD	12C	056	STORSAND	59N3929	010E3544	100
NOR	00007	OSLOFJORD	12C	057	TOENSBERGTELE	59N1608	010E2428	19
NOR	00007	OSLOFJORD	12C	058	LANGANGEN	59N0926	009E4658	214
NOR	00007	OSLOFJORD	12C	059	HOEGENHEI	59N0237	009E4042	148
NOR	00007	OSLOFJORD	12C	060	BORGEAASEN	59N0912	009E4013	110
NOR	00007	OSLOFJORD	12C	061	NORDBYKOLLEN	59N4311	010E1447	240
NOR	00007	OSLOFJORD	12C	062	SOLBERGAASEN	59N4545	010E0248	225
NOR	00008	FINMARK	12B	028	KAUTOKEINO	69N1302	023E2606	580
NOR	00008	FINMARK	12B	029	ISKURAS	69N1800	025E2103	579
S__	00001	NORRBOTTEN	12D	001	Arvidsjaur/Jultraesk	65N3218	018E5948	751
S__	00001	NORRBOTTEN	12D	002	Bjoerkliden	68N2554	018E3742	515
S__	00001	NORRBOTTEN	12D	003	Gaellivare	67N0606	020E3654	750
S__	00001	NORRBOTTEN	12D	004	Gunnarsbyn	66N0718	021E5109	180
S__	00001	NORRBOTTEN	12D	005	Haparanda	65N5012	024E0836	8
S__	00001	NORRBOTTEN	12D	006	Harads	66N0306	021E0300	155
S__	00001	NORRBOTTEN	12D	007	Jaervtraesk	65N1200	019E2642	340
S__	00001	NORRBOTTEN	12D	008	Jokkmokk Tjalmejaure	66N3254	019E4924	515
S__	00001	NORRBOTTEN	12D	009	Kalix	65N5618	023E3118	91
S__	00001	NORRBOTTEN	12D	010	Kalix/Raggdynan	65N5512	022E5018	143
S__	00001	NORRBOTTEN	12D	011	Kiruna/Gaidasvarri	68N0058	020E0141	680
S__	00001	NORRBOTTEN	12D	012	Kiruna/Mertainen	67N4307	020E4756	578
S__	00001	NORRBOTTEN	12D	013	Lansjaerv	66N4218	022E1930	260
S__	00001	NORRBOTTEN	12D	014	Lauker/Tvaersoeverbe	65N3611	020E0951	550
S__	00001	NORRBOTTEN	12D	015	Luleaa/Mjoelkuddsber	65N3624	022E0906	42
S__	00001	NORRBOTTEN	12D	016	Oeverkalix	66N1812	022E5130	104

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
S__	00001	NORRBOTTEN	12D	017	Pajala	67N1648	023E1412	245
S__	00001	NORRBOTTEN	12D	018	Piteaa/Blaasmark	65N1437	021E2059	140
S__	00001	NORRBOTTEN	12D	019	Porjus	66N5706	019E4930	530
S__	00001	NORRBOTTEN	12D	020	Skaulo/Pyhaekielinen	67N2436	021E0430	505
S__	00001	NORRBOTTEN	12D	021	Stordalen	68N2012	019E0506	635
S__	00001	NORRBOTTEN	12D	022	Tornetraesk	68N1300	019E3918	780
S__	00001	NORRBOTTEN	12D	023	Ullatti	67N0224	022E0430	398
S__	00001	NORRBOTTEN	12D	024	Vitberget	65N5636	020E1530	135
S__	00001	NORRBOTTEN	12D	025	Vuollerim	66N2654	020E4302	300
S__	00001	NORRBOTTEN	12D	026	KIRUNA	67N5006	020E1130	675
S__	00001	NORRBOTTEN	12D	027	AELVSBYN	65N4124	021E1612	270
S__	00002	VASTERBOTTEN	12C	001	SKELLEFTEAA/PRAESTFA	64N4630	020E5724	130
S__	00002	VASTERBOTTEN	12C	002	VAENNAES/GRANLUNDSBE	63N5024	019E4936	245
S__	00002	VASTERBOTTEN	12C	003	Aanaeset	64N1648	021E0048	50
S__	00002	VASTERBOTTEN	12C	004	Aasele	64N0954	017E2512	427
S__	00002	VASTERBOTTEN	12C	005	Andersvattnet/Ersmyr	64N2342	020E4042	241
S__	00002	VASTERBOTTEN	12C	006	Bjurholm/Oeredalen	64N0354	019E0100	390
S__	00002	VASTERBOTTEN	12C	007	Boliden/Renstroem	64N5448	020E0312	336
S__	00002	VASTERBOTTEN	12C	008	Bullmark/Risboele	64N0730	020E3430	131
S__	00002	VASTERBOTTEN	12C	009	Gardiksfors	65N2705	015E5458	580
S__	00002	VASTERBOTTEN	12C	010	Gargnaes	65N1824	017E5612	390
S__	00002	VASTERBOTTEN	12C	011	Hemavan	65N4654	015E0400	795
S__	00002	VASTERBOTTEN	12C	012	Kristineberg	65N0354	018E3700	490
S__	00002	VASTERBOTTEN	12C	013	Loevaanger	64N2254	021E1848	30
S__	00002	VASTERBOTTEN	12C	014	Lycksele Knaften	64N2853	018E3517	460
S__	00002	VASTERBOTTEN	12C	015	Nordmaling/Loegdeaa	63N3100	019E1800	175
S__	00002	VASTERBOTTEN	12C	016	Rusksele	64N4830	018E5848	370
S__	00002	VASTERBOTTEN	12C	017	Saevar	63N5330	020E3442	45
S__	00002	VASTERBOTTEN	12C	018	Taernaby	65N3542	015E1142	595
S__	00002	VASTERBOTTEN	12C	019	Storuman/Stroemsund	65N2212	016E4038	633
S__	00002	VASTERBOTTEN	12C	020	Sorsele/Nalovardo	65N4002	017E3221	750
S__	00002	VASTERBOTTEN	12C	021	Vilhelmina	64N3800	016E3924	428
S__	00002	VASTERBOTTEN	12C	022	Vindeln/Renfors	64N1324	019E3918	285

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
S__	00002	VASTERBOTTEN	12C	023	Vinliden	64N3954	017E3530	716
S__	00002	VASTERBOTTEN	12C	024	Storuman	65N0359	016E5639	543
S__	00003	VASTERNORRLAND	12D	001	SUNDSVALL/S.STADSBER	62N2207	017E1916	240
S__	00003	VASTERNORRLAND	12D	002	Bredsjoen	62N4230	017E0436	196
S__	00003	VASTERNORRLAND	12D	003	Aange/Snoeberg	62N3012	015E2248	486
S__	00003	VASTERNORRLAND	12D	004	Haedanberg	63N3330	018E0806	285
S__	00003	VASTERNORRLAND	12D	005	Haernoesand/Haernoen	62N3636	017E5754	155
S__	00003	VASTERNORRLAND	12D	006	Kramfors/Lugnvik	62N5630	017E5712	250
S__	00003	VASTERNORRLAND	12D	007	Kvarnsvedjan	62N2348	016E4942	265
S__	00003	VASTERNORRLAND	12D	008	Oernskoeldsvik/Aasbe	63N1812	018E3954	216
S__	00003	VASTERNORRLAND	12D	009	Ramsele	63N3558	016E2455	336
S__	00003	VASTERNORRLAND	12D	010	Solberg/Guliksberg	63N4636	017E3948	500
S__	00003	VASTERNORRLAND	12D	011	Sollefteaa/Multraa	63N1512	017E2712	390
S__	00003	VASTERNORRLAND	12D	012	Torpshammar	62N2824	016E2612	310
S__	00003	VASTERNORRLAND	12D	013	Bjaesta/Snoedberget	63N0730	018E2328	305
S__	00006	DALARNA	12C	001	BORLAENGE/IDKERBERGE	60N2300	015E0830	489
S__	00006	DALARNA	12C	003	Aelvdalen	61N1742	013E5616	505
S__	00006	DALARNA	12C	004	Avesta Krylbo	60N0613	016E1327	140
S__	00006	DALARNA	12C	005	Drevdagen	61N4606	012E2500	761
S__	00006	DALARNA	12C	006	Enviken	60N4641	015E4734	277
S__	00006	DALARNA	12C	007	Fredriksberg	60N1048	014E1529	515
S__	00006	DALARNA	12C	008	Kraeckelbaecken	61N2936	014E1242	716
S__	00006	DALARNA	12C	009	Laangshyttan	60N3124	016E0453	330
S__	00006	DALARNA	12C	010	Leksand/Aasledsberge	60N4507	015E0432	407
S__	00006	DALARNA	12C	011	Los/Tandsjoeborg	61N4403	014E4420	600
S__	00006	DALARNA	12C	014	Saerna/Mickeltemplet	61N4013	013E0825	625
S__	00006	DALARNA	12C	015	Smedjebacken/Uvberge	60N0930	015E2418	290
S__	00009	STOCKHOLM	12C	001	FURUSUND/SVARTNOE	59N4006	018E5248	5
S__	00009	STOCKHOLM	12C	002	NYNAESHAMN	58N5447	017E5724	15
S__	00009	STOCKHOLM	12C	003	SIGTUNA/VALSTA	59N3706	017E4942	30
S__	00009	STOCKHOLM	12C	004	Kopparmora	59N1833	018E3342	37
S__	00009	STOCKHOLM	12C	005	SOEDERTAELJE	59N1312	017E3712	74
S__	00009	STOCKHOLM	12C	006	NORRTAELJE	59N4006	018E2800	66

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
S__	00009	STOCKHOLM	12C	007	Vaeddoe	59N5800	018E5018	35
S__	00009	STOCKHOLM	12C	008	Stockholm	59N1730	018E1018	55
S__	00010	OREBRO	12D	002	Brevens Bruk	59N0004	015E3541	135
S__	00010	OREBRO	12D	003	Kopparberg	59N5144	014E5939	267
S__	00010	OREBRO	12D	004	Laxaa/Toerntorp	58N5703	014E4653	192
S__	00011	OREBRO/VASTMANLAND	12D	001	VAESTERAAS/LILLHAERA	59N3838	016E2412	37
S__	00011	VASTMANLAND	12D	002	Arboga/Brattberget	59N2242	015E5048	75
S__	00014	GOTLAND	11C	002	Gotland norr	57N5158	019E0022	52
S__	00014	GOTLAND	11C	003	Gotland syd	57N1017	018E2043	32
S__	00015	BLEKINGE	12D	001	KARLSHAMN/MOERRUM	56N1338	014E4641	70
S__	00015	BLEKINGE	12D	002	KARLSKRONA/BRYGGAREB	56N1028	015E3617	35
S__	00015	BLEKINGE	12D	003	Ronneby/Galtsjoen	56N1342	015E1421	50
S__	00016	KRISTIANSTAD	12A	004	Hoeganaes vattentorn	56N1100	012E3352	5
S__	00017	MALMOHUS	12A	001	Barsebaeck	55N4442	012E5524	5
S__	00017	MALMOHUS	12A	002	Falsterbo/Haegervaeg	55N2424	012E5030	2
S__	00017	MALMOHUS	12A	004	Limhamn/Bunkeflostra	55N3345	012E5446	1
S__	00017	MALMOHUS	12A	006	Malmoe /Vaestra Hamn	55N3644	012E5858	3
S__	00017	MALMOHUS	12A	007	Oertofta	55N4700	013E1524	20
S__	00017	MALMOHUS	12A	010	Trelleborg/Gylle	55N2324	013E1154	30
S__	00017	MALMOHUS	12A	012	MALMOE	55N3412	013E0318	23
S__	00017	MALMOHUS	12A	013	HELSINGBORG	56N0306	012E4218	40
S__	00017	MALMOHUS	12A	014	Hoerby	55N4812	013E4312	160
S__	00018	KALMAR	12D	001	EMMABODA/ERIKSMAALA	56N4624	015E3500	206
S__	00018	KALMAR	12D	002	VAESTERVIK/FAARHULT	57N4317	016E2545	90
S__	00018	KALMAR	12D	003	Broemsebro	56N1932	016E0145	12
S__	00018	KALMAR	12D	004	Byxelkrok	57N2112	017E0406	4
S__	00018	KALMAR	12D	005	Faerjestaden/Skogsby	56N3748	016E3106	40
S__	00018	KALMAR	12D	006	Flathult/Rockneby	56N5732	016E0942	95
S__	00018	KALMAR	12D	007	Oskarshamn	57N1616	016E2620	32
S__	00018	KALMAR	12D	008	Smedby/Laangastroem	56N3831	015E5828	75
S__	00018	KALMAR	12D	009	Virserum	57N1929	015E3812	210
S__	00019	KRONOBERG	12C	001	VISLANDA/NYDALA	56N4833	014E2327	200
S__	00019	KRONOBERG	12C	002	Vaexjoe/Marhult	57N0154	015E1348	306

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
S__	00019	KRONOBERG	12C	003	Vittaryd/Granhult	56N5823	013E5423	185
S__	00019	KRONOBERG	12C	004	Tingsryd	56N3129	015E0339	190
S__	00019	KRONOBERG	12C	005	Traryd Betsaas	56N3510	013E4104	175
S__	00019	KRONOBERG	12C	006	Vaexjoe/Hjalmar Petr	56N5331	014E4616	175
S__	00020	JONKOPING	12C	001	FINNVEDEN/BREDARYD	57N1411	013E4314	252
S__	00020	JONKOPING	12C	002	NAESSJOE	57N3837	014E4019	332
S__	00020	JONKOPING	12C	003	JOENKOEPING/BONDBERG	57N4612	014E1501	270
S__	00020	JONKOPING	12C	004	Bottnaryd	57N4412	013E4606	332
S__	00020	JONKOPING	12C	005	Lindshammar/Ramkvill	57N1221	014E5748	215
S__	00020	JONKOPING	12C	006	Loenneberga/Silverda	57N3335	015E4106	190
S__	00020	JONKOPING	12C	007	Tranaas/Bredkaerr	58N0209	014E5645	220
S__	00020	JONKOPING	12C	008	Vetlanda	57N3000	015E1454	309
S__	00020	JONKOPING	12C	009	Vrigstad	57N2011	014E3054	260
S__	00021	GOTEBORG	12A	001	Alingsaas/Mariedal	57N5454	012E3118	130
S__	00021	GOTEBORG	12A	002	Haelleviksstrand/Ell	58N0729	011E2711	47
S__	00021	GOTEBORG	12A	003	Kode/Spekeroed	57N5942	011E5600	131
S__	00021	GOTEBORG	12A	004	BORAAS	57N4312	013E0318	318
S__	00021	GOTEBORG	12A	005	GOETEBORG	57N4124	012E0324	129
S__	00022	VAST	12A	001	Baeckefors	58N4921	012E1213	226
S__	00022	VAST	12A	002	Grebbestad	58N4117	011E1537	45
S__	00022	VAST	12A	003	Stroemstad	58N5610	011E1118	50
S__	00022	VAST	12A	004	Vaenersborg/Faergela	58N3618	012E1149	183
S__	00022	VAST	12A	005	TROLLHAETTAN	58N1712	012E1624	90
S__	00022	VAST	12A	006	UDDEVALLA	58N2224	011E4924	157
S__	00024	HALLAND/SJUHARAD	12B	001	HALMSTAD/OSKARSTROEM	56N4725	012E5625	149
S__	00024	HALLAND	12D	002	Falkenberg/Skrea	56N5412	012E3442	74
S__	00024	HALLAND	12D	004	Hoegalteknall/Vaaxto	56N2230	013E0236	220
S__	00024	HALLAND	12D	005	Hyltebruk	56N5947	013E1547	165
S__	00024	HALLAND	12D	006	Kungsaeter	57N1900	012E3436	105
S__	00024	HALLAND	12D	007	VARBERG	57N0630	012E2336	30
S__	00025	SJUHARAD	12D	001	Tranemo	57N2724	013E1748	280
S__	00026	SWEDEN NATIONAL	12B	001	BAECKEFORS	58N4921	012E1213	226
S__	00026	SWEDEN NATIONAL	12B	002	SKOEVDE	58N2436	013E4900	288

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
S__	00026	SWEDEN NATIONAL	12B	003	BOGSTA	58N5230	017E1137	66
S__	00026	SWEDEN NATIONAL	12B	004	BORLAENGE/IDKERBERGE	60N2300	015E0830	489
S__	00026	SWEDEN NATIONAL	12B	005	FINNVEDEN/BREDARYD	57N1411	013E4314	252
S__	00026	SWEDEN NATIONAL	12B	006	FURUSUND/SVARTNOE	59N4006	018E5248	5
S__	00026	SWEDEN NATIONAL	12B	007	GAEVLE/SKOGMUR	60N3754	017E0759	50
S__	00026	SWEDEN NATIONAL	12B	008	HALMSTAD/OSKARSTROEM	56N4725	012E5625	149
S__	00026	SWEDEN NATIONAL	12B	009	JOENKOEPING/BONDBERG	57N4612	014E1501	270
S__	00026	SWEDEN NATIONAL	12B	010	KARLSHAMN/MOERRUM	56N1338	014E4641	70
S__	00026	SWEDEN NATIONAL	12B	011	KARLSKRONA/BRYGGAREB	56N1028	015E3617	35
S__	00026	SWEDEN NATIONAL	12B	012	KARLSTAD/SOERMON	59N2334	013E2309	101
S__	00026	SWEDEN NATIONAL	12B	013	KISA/KISATM	57N5729	015E3533	255
S__	00026	SWEDEN NATIONAL	12B	014	MOTALA/ERVASTEBY	58N3520	015E0557	161
S__	00026	SWEDEN NATIONAL	12B	015	NORRKOEPING/KROKEK	58N4037	016E2814	113
S__	00026	SWEDEN NATIONAL	12B	016	NYNAESHAMN	58N5447	017E5724	15
S__	00026	SWEDEN NATIONAL	12B	017	NAESSJOE	57N3837	014E4019	332
S__	00026	SWEDEN NATIONAL	12B	018	SIGTUNA/VALSTA	59N3706	017E4942	30
S__	00026	SWEDEN NATIONAL	12B	019	SKELLEFTEAA/PRAESTFA	64N4630	020E5724	130
S__	00026	SWEDEN NATIONAL	12B	020	SUNDSVALL/S.STADSBER	62N2207	017E1916	240
S__	00026	SWEDEN NATIONAL	12B	021	TRANSTRAND/KASTARBER	61N0312	013E1824	592
S__	00026	SWEDEN NATIONAL	12B	022	VISBY/FOLLINGBO	57N3535	018E2236	78
S__	00026	SWEDEN NATIONAL	12B	023	VISLANDA/NYDALA	56N4833	014E2327	200
S__	00026	SWEDEN NATIONAL	12B	024	VAENNAES/GRANLUNDSBE	63N5024	019E4936	245
S__	00026	SWEDEN NATIONAL	12B	025	VAESTERVIK/FAARHULT	57N4317	016E2545	90
S__	00026	SWEDEN NATIONAL	12B	026	VAESTERAAS/LILLHAERA	59N3838	016E2412	37
S__	00026	SWEDEN NATIONAL	12B	027	AARE/MOERVIKSHUMMELN	63N2448	013E5000	890
S__	00026	SWEDEN NATIONAL	12B	028	OEREBRO/LOCKHYTTAN	59N2548	015E0318	254
S__	00026	SWEDEN NATIONAL	12B	029	OESTERSUND/BRATTAASE	63N0648	014E3612	462
S__	00026	SWEDEN NATIONAL	12B	030	OESTHAMMAR/VALOE	60N1550	018E0433	45
S__	00026	SWEDEN NATIONAL	12B	031	EMMABODA/ERIKSMAALA	56N4624	015E3500	206
S__	00026	SWEDEN NATIONAL	12B	032	Aanaeset	64N1648	021E0048	50
S__	00026	SWEDEN NATIONAL	12B	033	Aange/Snoeberg	62N3012	015E2248	486
S__	00026	SWEDEN NATIONAL	12B	034	Aarjaeng	59N2415	012E0640	244
S__	00026	SWEDEN NATIONAL	12B	035	Aasarna/Skaalan	62N3730	014E1018	680

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
S__	00026	SWEDEN NATIONAL	12B	036	Aasele	64N0954	017E2512	427
S__	00026	SWEDEN NATIONAL	12B	037	Aelvdalen	61N1742	013E5616	505
S__	00026	SWEDEN NATIONAL	12B	038	Alabacken	62N4712	016E0100	260
S__	00026	SWEDEN NATIONAL	12B	039	Alingsaas/Mariedal	57N5454	012E3118	130
S__	00026	SWEDEN NATIONAL	12B	040	Andersvattnet/Ersmyr	64N2342	020E4042	241
S__	00026	SWEDEN NATIONAL	12B	041	Arboga/Brattberget	59N2242	015E5048	75
S__	00026	SWEDEN NATIONAL	12B	042	Arvidsjaur/Jultraesk	65N3218	018E5948	751
S__	00026	SWEDEN NATIONAL	12B	043	Arvika	59N3726	012E4026	241
S__	00026	SWEDEN NATIONAL	12B	044	Avesta Krylbo	60N0613	016E1327	140
S__	00026	SWEDEN NATIONAL	12B	046	Barsebaeck	55N4442	012E5524	5
S__	00026	SWEDEN NATIONAL	12B	048	Bergsjoe/Nipaasen	62N0112	016E4432	440
S__	00026	SWEDEN NATIONAL	12B	049	Bjaesta/Snoedberget	63N0730	018E2328	305
S__	00026	SWEDEN NATIONAL	12B	050	Bjoerkliden	68N2554	018E3742	515
S__	00026	SWEDEN NATIONAL	12B	051	Bjurholm/Oeredalen	64N0354	019E0100	390
S__	00026	SWEDEN NATIONAL	12B	052	Boliden/Renstroem	64N5448	020E0312	336
S__	00026	SWEDEN NATIONAL	12B	053	Bollnaes	61N2903	016E1256	420
S__	00026	SWEDEN NATIONAL	12B	054	Bottnaryd	57N4412	013E4606	332
S__	00026	SWEDEN NATIONAL	12B	055	Bredsjoen	62N4230	017E0436	196
S__	00026	SWEDEN NATIONAL	12B	056	Brevens Bruk	59N0004	015E3541	135
S__	00026	SWEDEN NATIONAL	12B	058	Bullmark/Risboele	64N0730	020E3430	131
S__	00026	SWEDEN NATIONAL	12B	059	Byxelkrok	57N2112	017E0406	4
S__	00026	SWEDEN NATIONAL	12B	061	Drevdagen	61N4606	012E2500	761
S__	00026	SWEDEN NATIONAL	12B	062	Enviken	60N4641	015E4734	277
S__	00026	SWEDEN NATIONAL	12B	063	Eskilstuna	59N2002	016E3513	75
S__	00026	SWEDEN NATIONAL	12B	064	Faerila	61N4909	015E5046	365
S__	00026	SWEDEN NATIONAL	12B	065	Faerjestaden/Skogsby	56N3748	016E3106	40
S__	00026	SWEDEN NATIONAL	12B	067	Falkoeping	58N1114	013E3224	316
S__	00026	SWEDEN NATIONAL	12B	068	Falsterbo/Haegervaeg	55N2424	012E5030	2
S__	00026	SWEDEN NATIONAL	12B	069	Filipstad/Klockarhoe	59N4058	014E0739	290
S__	00026	SWEDEN NATIONAL	12B	070	Finspaang	58N4341	015E4556	78
S__	00026	SWEDEN NATIONAL	12B	072	Fredriksberg	60N1048	014E1529	515
S__	00026	SWEDEN NATIONAL	12B	073	Funaesdalen	62N3321	012E3233	981
S__	00026	SWEDEN NATIONAL	12B	074	Gaellinge	57N2330	012E1124	100

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
S__	00026	SWEDEN NATIONAL	12B	075	Gaellivare	67N0606	020E3654	750
S__	00026	SWEDEN NATIONAL	12B	076	Gardiksfors	65N2705	015E5458	580
S__	00026	SWEDEN NATIONAL	12B	077	Gargnaes	65N1824	017E5612	390
S__	00026	SWEDEN NATIONAL	12B	078	Gotland norr	57N5158	019E0022	52
S__	00026	SWEDEN NATIONAL	12B	080	Grebbestad	58N4117	011E1537	45
S__	00026	SWEDEN NATIONAL	12B	081	Gunnarsbyn	66N0718	021E5109	180
S__	00026	SWEDEN NATIONAL	12B	082	Haedanberg	63N3330	018E0806	285
S__	00026	SWEDEN NATIONAL	12B	083	Haeggenaas/Lit	63N2612	015E0912	465
S__	00026	SWEDEN NATIONAL	12B	084	Haelleviksstrand/Ell	58N0729	011E2711	47
S__	00026	SWEDEN NATIONAL	12B	085	Haernoesand/Haernoen	62N3636	017E5754	155
S__	00026	SWEDEN NATIONAL	12B	086	Hagfors/Vaermullsaas	60N0119	013E4403	416
S__	00026	SWEDEN NATIONAL	12B	087	Haparanda	65N5012	024E0836	8
S__	00026	SWEDEN NATIONAL	12B	088	Harads	66N0306	021E0300	155
S__	00026	SWEDEN NATIONAL	12B	089	Hede	62N2558	013E3418	657
S__	00026	SWEDEN NATIONAL	12B	090	Hemavan	65N4654	015E0400	795
S__	00026	SWEDEN NATIONAL	12B	092	Hoeganaes vattentorn	56N1100	012E3352	5
S__	00026	SWEDEN NATIONAL	12B	093	Hudiksvall Forsa	61N4228	016E5134	330
S__	00026	SWEDEN NATIONAL	12B	094	Hyltebruk	56N5947	013E1547	165
S__	00026	SWEDEN NATIONAL	12B	095	Jaerbo/Kungsberget	60N4504	016E2936	303
S__	00026	SWEDEN NATIONAL	12B	096	Jaervtraesk	65N1200	019E2642	340
S__	00026	SWEDEN NATIONAL	12B	097	Jokkmokk Tjalmejaure	66N3254	019E4924	515
S__	00026	SWEDEN NATIONAL	12B	098	Kaageroed/Stenestad	56N0242	013E0600	183
S__	00026	SWEDEN NATIONAL	12B	099	Kaarboele	61N5948	015E0554	575
S__	00026	SWEDEN NATIONAL	12B	100	Kaelarne	63N0124	016E0512	390
S__	00026	SWEDEN NATIONAL	12B	101	Kalix	65N5618	023E3118	91
S__	00026	SWEDEN NATIONAL	12B	102	Kalix/Raggdynan	65N5512	022E5018	143
S__	00026	SWEDEN NATIONAL	12B	103	Kiruna/Gaidasvarri	68N0058	020E0141	680
S__	00026	SWEDEN NATIONAL	12B	104	Kiruna/Mertainen	67N4307	020E4756	578
S__	00026	SWEDEN NATIONAL	12B	106	Kode/Spekeroed	57N5942	011E5600	131
S__	00026	SWEDEN NATIONAL	12B	107	Kopparberg	59N5144	014E5939	267
S__	00026	SWEDEN NATIONAL	12B	108	Kopparmora	59N1833	018E3342	37
S__	00026	SWEDEN NATIONAL	12B	109	Kraeckelbaecken	61N2936	014E1242	716
S__	00026	SWEDEN NATIONAL	12B	110	Kramfors/Lugnvik	62N5630	017E5712	250

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
S__	00026	SWEDEN NATIONAL	12B	111	Kristineberg	65N0354	018E3700	490
S__	00026	SWEDEN NATIONAL	12B	112	Kristinehamn/Aemtfal	59N1830	014E1736	209
S__	00026	SWEDEN NATIONAL	12B	113	Kungsaeter	57N1900	012E3436	105
S__	00026	SWEDEN NATIONAL	12B	114	Kvarnsvedjan	62N2348	016E4942	265
S__	00026	SWEDEN NATIONAL	12B	115	Laangshyttan	60N3124	016E0453	330
S__	00026	SWEDEN NATIONAL	12B	116	Lansjaerv	66N4218	022E1930	260
S__	00026	SWEDEN NATIONAL	12B	117	Lauker/Tvaersoeverbe	65N3611	020E0951	550
S__	00026	SWEDEN NATIONAL	12B	118	Laxaa/Toerntorp	58N5703	014E4653	192
S__	00026	SWEDEN NATIONAL	12B	119	Leksand/Aasledsberge	60N4507	015E0432	407
S__	00026	SWEDEN NATIONAL	12B	120	Lidkoeping	58N2948	013E0542	90
S__	00026	SWEDEN NATIONAL	12B	121	Limhamn/Bunkeflostra	55N3345	012E5446	1
S__	00026	SWEDEN NATIONAL	12B	122	Lindshammar/Ramkvill	57N1221	014E5748	215
S__	00026	SWEDEN NATIONAL	12B	123	Lingbo	61N0546	016E3430	355
S__	00026	SWEDEN NATIONAL	12B	124	Linkoeping	58N1855	015E3115	112
S__	00026	SWEDEN NATIONAL	12B	125	Loederup/Loederup St	55N2306	014E0730	20
S__	00026	SWEDEN NATIONAL	12B	126	Loenneberga/Silverda	57N3335	015E4106	190
S__	00026	SWEDEN NATIONAL	12B	127	Loevaanger	64N2254	021E1848	30
S__	00026	SWEDEN NATIONAL	12B	128	Lofsdalen	62N0749	013E1918	1125
S__	00026	SWEDEN NATIONAL	12B	129	Los/Tandsjoeborg	61N4403	014E4420	600
S__	00026	SWEDEN NATIONAL	12B	130	Luleaa/Mjoelkuddsber	65N3624	022E0906	42
S__	00026	SWEDEN NATIONAL	12B	131	Lycksele Knaften	64N2853	018E3517	460
S__	00026	SWEDEN NATIONAL	12B	132	Malmoe /Vaestra Hamn	55N3644	012E5858	3
S__	00026	SWEDEN NATIONAL	12B	133	Malung	60N4006	013E3936	504
S__	00026	SWEDEN NATIONAL	12B	134	Mariestad/Skogslund	58N4049	013E5124	80
S__	00026	SWEDEN NATIONAL	12B	135	Matteroed/Deleberga	56N0706	013E3712	125
S__	00026	SWEDEN NATIONAL	12B	136	Mora/Eldris	61N0105	014E1753	535
S__	00026	SWEDEN NATIONAL	12B	137	Nordmaling/Loegdeaa	63N3100	019E1800	175
S__	00026	SWEDEN NATIONAL	12B	138	Oernskoeldsvik/Aasbe	63N1812	018E3954	216
S__	00026	SWEDEN NATIONAL	12B	139	Oertofta	55N4700	013E1524	20
S__	00026	SWEDEN NATIONAL	12B	140	Oeverkalix	66N1812	022E5130	104
S__	00026	SWEDEN NATIONAL	12B	141	Offerdal/Kaxaas	63N2936	013E4936	450
S__	00026	SWEDEN NATIONAL	12B	142	Oskarshamn	57N1616	016E2620	32
S__	00026	SWEDEN NATIONAL	12B	143	Pajala	67N1648	023E1412	245

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
S__	00026	SWEDEN NATIONAL	12B	144	Piteaa/Blaasmark	65N1437	021E2059	140
S__	00026	SWEDEN NATIONAL	12B	145	Porjus	66N5706	019E4930	530
S__	00026	SWEDEN NATIONAL	12B	146	Ramsele	63N3558	016E2455	336
S__	00026	SWEDEN NATIONAL	12B	147	Ramsjoe	62N0949	015E3918	300
S__	00026	SWEDEN NATIONAL	12B	148	Revsund/Hallberget	62N5131	015E1340	495
S__	00026	SWEDEN NATIONAL	12B	150	Rusksele	64N4830	018E5848	370
S__	00026	SWEDEN NATIONAL	12B	151	Saerna/Mickeltemplet	61N4013	013E0825	625
S__	00026	SWEDEN NATIONAL	12B	152	Saevar	63N5330	020E3442	45
S__	00026	SWEDEN NATIONAL	12B	153	Skaulo/Pyhaekielinen	67N2436	021E0430	505
S__	00026	SWEDEN NATIONAL	12B	157	Smedjebacken/Uvberge	60N0930	015E2418	290
S__	00026	SWEDEN NATIONAL	12B	158	Solberg/Guliksberg	63N4636	017E3948	500
S__	00026	SWEDEN NATIONAL	12B	159	Sollefteaa/Multraa	63N1512	017E2712	390
S__	00026	SWEDEN NATIONAL	12B	160	Sorsele/Nalovardo	65N4002	017E3221	750
S__	00026	SWEDEN NATIONAL	12B	161	Stora Herrestad/Ysta	55N2812	013E5218	30
S__	00026	SWEDEN NATIONAL	12B	162	Stordalen	68N2012	019E0506	635
S__	00026	SWEDEN NATIONAL	12B	163	Storlien	63N1800	012E0742	640
S__	00026	SWEDEN NATIONAL	12B	164	Storuman	65N0359	016E5639	543
S__	00026	SWEDEN NATIONAL	12B	165	Storuman/Stroemsund	65N2212	016E4038	633
S__	00026	SWEDEN NATIONAL	12B	166	Stroemstad	58N5610	011E1118	50
S__	00026	SWEDEN NATIONAL	12B	167	Stroemsund	63N5155	015E3647	406
S__	00026	SWEDEN NATIONAL	12B	168	Sunne Blaabaerskulle	59N5014	012E5211	425
S__	00026	SWEDEN NATIONAL	12B	169	Svanskog	59N0836	012E3438	227
S__	00026	SWEDEN NATIONAL	12B	170	Sveg Brickan	61N5530	014E1854	710
S__	00026	SWEDEN NATIONAL	12B	171	Taasjoe	64N1400	015E5624	625
S__	00026	SWEDEN NATIONAL	12B	172	Taennaes	62N2524	012E4242	750
S__	00026	SWEDEN NATIONAL	12B	173	Taernaby	65N3542	015E1142	595
S__	00026	SWEDEN NATIONAL	12B	174	Tingsryd	56N3129	015E0339	190
S__	00026	SWEDEN NATIONAL	12B	175	Tobo	60N1716	017E4013	45
S__	00026	SWEDEN NATIONAL	12B	176	Toecksfors	59N3518	011E4924	191
S__	00026	SWEDEN NATIONAL	12B	178	Torpshammar	62N2824	016E2612	310
S__	00026	SWEDEN NATIONAL	12B	179	Torsby/Bada	60N0600	013E0906	310
S__	00026	SWEDEN NATIONAL	12B	180	Tranaas/Bredkaerr	58N0209	014E5645	220
S__	00026	SWEDEN NATIONAL	12B	181	Tranemo	57N2724	013E1748	280

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
S__	00026	SWEDEN NATIONAL	12B	182	Traryd Betsaas	56N3510	013E4104	175
S__	00026	SWEDEN NATIONAL	12B	184	Ullatti	67N0224	022E0430	398
S__	00026	SWEDEN NATIONAL	12B	185	Vaenersborg/Faergela	58N3618	012E1149	183
S__	00026	SWEDEN NATIONAL	12B	186	Vaermlandsnaes	58N5659	013E1310	61
S__	00026	SWEDEN NATIONAL	12B	187	Vaexjoe/Hjalmar Petr	56N5331	014E4616	175
S__	00026	SWEDEN NATIONAL	12B	188	Vaexjoe/Marhult	57N0154	015E1348	306
S__	00026	SWEDEN NATIONAL	12B	189	Valdemarsvik	58N1200	016E3630	52
S__	00026	SWEDEN NATIONAL	12B	190	Vetlanda	57N3000	015E1454	309
S__	00026	SWEDEN NATIONAL	12B	191	Vilhelmina	64N3800	016E3924	428
S__	00026	SWEDEN NATIONAL	12B	192	Vindeln/Renfors	64N1324	019E3918	285
S__	00026	SWEDEN NATIONAL	12B	193	Vinliden	64N3954	017E3530	716
S__	00026	SWEDEN NATIONAL	12B	194	Virserum	57N1929	015E3812	210
S__	00026	SWEDEN NATIONAL	12B	195	Visnumskil	59N0429	014E0014	54
S__	00026	SWEDEN NATIONAL	12B	196	Vitberget	65N5636	020E1530	135
S__	00026	SWEDEN NATIONAL	12B	197	Vitsand/Torsby	60N2318	012E5606	243
S__	00026	SWEDEN NATIONAL	12B	198	Vittaryd/Granhult	56N5823	013E5423	185
S__	00026	SWEDEN NATIONAL	12B	199	Voxnabruk	61N2024	015E2854	403
S__	00026	SWEDEN NATIONAL	12B	200	Vrigstad	57N2011	014E3054	260
S__	00026	SWEDEN NATIONAL	12B	201	Vuollerim	66N2654	020E4302	300
S__	00026	SWEDEN NATIONAL	12B	202	BORAAS	57N4312	013E0318	318
S__	00026	SWEDEN NATIONAL	12B	203	Enkoeping	59N4230	017E1206	55
S__	00026	SWEDEN NATIONAL	12B	204	GOETEBORG	57N4124	012E0324	129
S__	00026	SWEDEN NATIONAL	12B	205	HELSINGBORG	56N0306	012E4218	40
S__	00026	SWEDEN NATIONAL	12B	206	HOERBY	55N4812	013E4312	160
S__	00026	SWEDEN NATIONAL	12B	207	KIRUNA	67N5006	020E1130	675
S__	00026	SWEDEN NATIONAL	12B	209	MALMOE	55N3412	013E0318	23
S__	00026	SWEDEN NATIONAL	12B	210	NORRTAELJE	59N4006	018E2800	66
S__	00026	SWEDEN NATIONAL	12B	211	STOCKHOLM	59N1730	018E1018	55
S__	00026	SWEDEN NATIONAL	12B	212	SOEDERTAELJE	59N1312	017E3712	74
S__	00026	SWEDEN NATIONAL	12B	213	TROLLHAETTAN	58N1712	012E1624	90
S__	00026	SWEDEN NATIONAL	12B	214	UDDEVALLA	58N2224	011E4924	157
S__	00026	SWEDEN NATIONAL	12B	215	UPPSALA	59N5112	017E4624	37
S__	00026	SWEDEN NATIONAL	12B	216	VARBERG	57N0630	012E2336	30

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
S__	00026	SWEDEN NATIONAL	12B	217	Vaeddoe	59N5800	018E5018	35
S__	00026	SWEDEN NATIONAL	12B	218	AELVSBYN	65N4124	021E1612	270
S__	00026	SWEDEN NATIONAL	12B	219	Falun/Loevberget	60N3737	015E3418	210
SUI	00002	SUI DEUTSCH 1 DAB	12C	012	BREGENZ PFAENDER (A)	47N3029	009E4648	1055
SUI	00002	SUI DEUTSCH 1 DAB	12C	013	FISCHENTHAL HOERNLI	47N2215	008E5631	1130
SUI	00002	SUI DEUTSCH 1 DAB	12C	014	FLURLINGEN CHOLFIRST	47N4052	008E3849	570
SUI	00002	SUI DEUTSCH 1 DAB	12C	015	KONSTANZ (D)	47N4017	009E1051	403
SUI	00002	SUI DEUTSCH 1 DAB	12C	016	OBERDORF NESSELBODEN	47N1441	007E3042	1088
SUI	00002	SUI DEUTSCH 1 DAB	12C	017	OLTEN ENGELBERG	47N2009	007E5641	699
SUI	00002	SUI DEUTSCH 1 DAB	12C	018	HERISAU RAMSEN	47N2331	009E1513	827
SUI	00002	SUI DEUTSCH 1 DAB	12C	019	RUETHI BISMER	47N1818	009E3223	752
SUI	00002	SUI DEUTSCH 1 DAB	12C	020	S GALLEN PETER UND P	47N2648	009E2253	783
SUI	00002	SUI DEUTSCH 1 DAB	12C	021	SCHLATT HASLEN	47N2101	009E2345	805
SUI	00002	SUI DEUTSCH 1 DAB	12C	022	VALZEINA MITTAGPLATT	46N5645	009E3540	1371
SUI	00002	SUI DEUTSCH 1 DAB	12C	023	WATTWIL CHAPF	47N1803	009E0426	887
SUI	00002	SUI DEUTSCH 1 DAB	12C	024	WEININGEN HASLIBUCK	47N3510	008E5356	453
SUI	00002	SUI DEUTSCH 1 DAB	12C	025	SCHAENIS BIBERLICHOP	47N0757	009E0406	559
SUI	00002	SUI DEUTSCH 1 DAB	12C	026	ZUERICH ZUERICHBERG	47N2309	008E3405	668
SUI	00002	SUI DEUTSCH 1 DAB	12C	027	ADELBODEN WINTERTAL	46N2852	007E3305	1450
SUI	00002	SUI DEUTSCH 1 DAB	12C	028	ALT S JOHANN STRICHB	47N1017	009E1516	1622
SUI	00002	SUI DEUTSCH 1 DAB	12C	029	ANDERMATT BAEZBERG	46N3838	008E3450	1824
SUI	00002	SUI DEUTSCH 1 DAB	12C	030	ARTH RIGI KULM	47N0324	008E2906	1795
SUI	00002	SUI DEUTSCH 1 DAB	12C	031	ATTINGHAUSEN SCHILTW	46N5157	008E3644	1008
SUI	00002	SUI DEUTSCH 1 DAB	12C	032	BALSTHAL ERZMATT	47N1821	007E4151	678
SUI	00002	SUI DEUTSCH 1 DAB	12C	033	BETTINGEN S CHRISCHO	47N3418	007E4114	492
SUI	00002	SUI DEUTSCH 1 DAB	12C	034	BISCHOFSZELL	47N3026	009E1428	528
SUI	00002	SUI DEUTSCH 1 DAB	12C	035	BOLLIGEN BANTIGER	46N5840	007E3143	942
SUI	00002	SUI DEUTSCH 1 DAB	12C	036	BOLTIGEN SITE	46N3726	007E2331	895
SUI	00002	SUI DEUTSCH 1 DAB	12C	037	BRIENZ WELLENBERG	46N4536	008E0238	780
SUI	00002	SUI DEUTSCH 1 DAB	12C	038	BRUNNADERN SCHUEPIS	47N2015	009E0738	722
SUI	00002	SUI DEUTSCH 1 DAB	12C	039	BERGOESCHINGEN WANNE	47N3612	008E2426	655
SUI	00002	SUI DEUTSCH 1 DAB	12C	040	BIEL ZENTRALSTRASSE	47N0806	007E1452	435
SUI	00002	SUI DEUTSCH 1 DAB	12C	041	BUSSNANG METTLEN	47N3202	009E0753	528

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
SUI	00002	SUI DEUTSCH 1 DAB	12C	042	ENGI LINDENBODENBERG	46N5910	009E0942	1126
SUI	00002	SUI DEUTSCH 1 DAB	12C	043	ESCHOLZMATT ROTEFLUE	46N5300	007E5603	1141
SUI	00002	SUI DEUTSCH 1 DAB	12C	044	FRICK FRICKBERG	47N3047	008E0237	646
SUI	00002	SUI DEUTSCH 1 DAB	12C	045	FREIENWIL HOERNDLI	47N2953	008E1840	623
SUI	00002	SUI DEUTSCH 1 DAB	12C	046	GLARUS BERGLI	47N0232	009E0334	577
SUI	00002	SUI DEUTSCH 1 DAB	12C	047	HINWIL BACHTEL	47N1741	008E5310	1115
SUI	00002	SUI DEUTSCH 1 DAB	12C	048	HOEFEN BEISSEREN	46N4242	007E3537	831
SUI	00002	SUI DEUTSCH 1 DAB	12C	049	KANDERSTEG BUEEL	46N3033	007E4040	1197
SUI	00002	SUI DEUTSCH 1 DAB	12C	050	KOENIZ ULMITZBERG	46N5401	007E2612	931
SUI	00002	SUI DEUTSCH 1 DAB	12C	051	KRIENS GIGELIWALD	47N0230	008E1715	610
SUI	00002	SUI DEUTSCH 1 DAB	12C	052	LANGNAU I E HIRSCHMA	46N5608	007E4549	819
SUI	00002	SUI DEUTSCH 1 DAB	12C	053	LAUTERBRUNNEN MAENNL	46N3647	007E5627	2234
SUI	00002	SUI DEUTSCH 1 DAB	12C	054	LENK HOLIEBI	46N2721	007E2606	1147
SUI	00002	SUI DEUTSCH 1 DAB	12C	055	LINTHAL SCHLEIMEN	46N5539	008E5921	1247
SUI	00002	SUI DEUTSCH 1 DAB	12C	056	LOERRACH TUELLINGEN	47N3558	007E3823	411
SUI	00002	SUI DEUTSCH 1 DAB	12C	057	MAMMERN	47N3833	008E5559	598
SUI	00002	SUI DEUTSCH 1 DAB	12C	058	NENZLINGEN EGGFLUE	47N2659	007E3439	689
SUI	00002	SUI DEUTSCH 1 DAB	12C	059	NEUHAUSEN a R ENGI	47N4137	008E3644	530
SUI	00002	SUI DEUTSCH 1 DAB	12C	060	ORVIN BÖZINGENBERG	47N1017	007E1622	884
SUI	00002	SUI DEUTSCH 1 DAB	12C	061	REHETOBEL KOLENRUETI	47N2521	009E2813	905
SUI	00002	SUI DEUTSCH 1 DAB	12C	062	RORSCHACHERBERG	47N2801	009E3111	637
SUI	00002	SUI DEUTSCH 1 DAB	12C	063	S GALLEN SCHLOESSLI	47N2533	009E2200	742
SUI	00002	SUI DEUTSCH 1 DAB	12C	064	SAANEN HORNFLUH 1	46N2920	007E1854	1944
SUI	00002	SUI DEUTSCH 1 DAB	12C	065	SARGANS OBER-PROD	47N0322	009E2544	690
SUI	00002	SUI DEUTSCH 1 DAB	12C	066	SCHUEPFHEIM VOGLISBE	46N5823	008E0057	1039
SUI	00002	SUI DEUTSCH 1 DAB	12C	067	SIRNACH	47N2738	009E0034	651
SUI	00002	SUI DEUTSCH 1 DAB	12C	068	SISSACH METZENHOLDEN	47N2744	007E4803	477
SUI	00002	SUI DEUTSCH 1 DAB	12C	069	SCHLEITHEIM BIRBISTE	47N4601	008E2946	616
SUI	00002	SUI DEUTSCH 1 DAB	12C	070	WYSSACHEN MOESLI	47N0529	007E4922	770
SUI	00002	SUI DEUTSCH 1 DAB	12C	071	WALDSHUT-TIENGEN	47N3741	008E1554	336
SUI	00002	SUI DEUTSCH 1 DAB	12C	072	WINTERTHUR BRUELBERG	47N3007	008E4209	545
SUI	00002	SUI DEUTSCH 1 DAB	12C	073	ZIEFEN CHOEPFLI	47N2526	007E4100	755
SUI	00002	SUI DEUTSCH 1 DAB	12C	074	ZUERICH UETLIBERG	47N2105	008E2925	854

Administration	Allotment ID	Allotment name	Frequency block	Assignment ID	Assignment name	Latitude	Longitude	Altitude (m)
SUI	00004	SUI ITALIANA 1 DAB	12A	001	CARONA MT S SALVATOR	45N5837	008E5648	904
SUI	00004	SUI ITALIANA 1 DAB	12A	002	CASTEL S PIETRO CAVI	45N5241	009E0036	1039
SUI	00004	SUI ITALIANA 1 DAB	12A	003	MONTE CENERI 1	46N0826	008E5456	610
SUI	00004	SUI ITALIANA 1 DAB	12A	004	SEMIONE PIZZO MATRO	46N2436	008E5529	2171
SUI	00004	SUI ITALIANA 1 DAB	12A	005	AIROLO STANGA	46N3226	008E3550	2059
SUI	00004	SUI ITALIANA 1 DAB	12A	006	ARVIGO LANDARENCA	46N1906	009E0646	1245
SUI	00004	SUI ITALIANA 1 DAB	12A	007	BEDIGLIORA MT MONDIN	45N5928	008E5118	802
SUI	00004	SUI ITALIANA 1 DAB	12A	008	CAMEDO PIAZZOI	46N0853	008E3627	884
SUI	00004	SUI ITALIANA 1 DAB	12A	009	CEVIO	46N1836	008E3559	467
SUI	00004	SUI ITALIANA 1 DAB	12A	010	GERRA LUTRI	46N0719	008E4756	591
SUI	00004	SUI ITALIANA 1 DAB	12A	011	GORDUNO PIAZZA	46N1326	009E0138	465
SUI	00004	SUI ITALIANA 1 DAB	12A	012	LAVERTEZZO	46N1621	008E4926	1123
SUI	00004	SUI ITALIANA 1 DAB	12A	013	LOSTALLO	46N1904	009E1222	600
SUI	00004	SUI ITALIANA 1 DAB	12A	014	LUGANO MONTE BRE	46N0039	008E5851	654
SUI	00004	SUI ITALIANA 1 DAB	12A	015	PECCIA PIAN MOSELLO	46N2422	008E3912	1105
SUI	00004	SUI ITALIANA 1 DAB	12A	016	S BERNARDINO LAGH DO	46N2651	009E1213	1704
SVN	00166	ZAHOD	12C	001	Beli Kriz	45N3113	013E3450	92
SVN	00166	ZAHOD	12C	002	Tinjan	45N3342	013E5023	370
SVN	00166	ZAHOD	12C	003	Nanos	45N4618	014E0326	1245
SVN	00166	ZAHOD	12C	004	Krvavec	46N1752	014E3218	1740