

**Agreement regarding the new DTT frequency plan
in the band 470 – 694 MHz
between
the Administrations of the Slovak Republic and Hungary**

Introduction

This document is the bilateral coordination agreement between the Administrations of the Slovak Republic and Hungary (**the Agreement**). Furthermore, it expresses in particular the convergence of will between both parties, indicating an intended common course of action.

Background

In the light of the Decision of the European Parliament and the Council (Decision (EU) 2017/899) on the use of the 470 –790 MHz frequency band in Union, the Administrations of the Slovak Republic and Hungary have to conclude an agreement for the future use of DTT (Digital Terrestrial Television), in order to be able to use the frequency band 694 – 790 MHz for MFCN (Mobile/Fixed Communication Networks).

The intention during the negotiations to prepare this Agreement has been to establish the technical parameters for assignments of a common plan enabling up to six layers in each country, depending on chosen SFN-sizes, network structure, assignment parameters etc.

Conclusion

The Administrations of the Slovak Republic and Hungary successfully facilitated the bilateral frequency coordination activities in order to implement the relevant broadcasting spectrum reorganizations, with a view to:

- achieving mutual compatibility of the spectrum resources to be used in the UHF-band;
- facilitating any consequential modifications to the GE06 Plan.

Working method

Both Administrations have been gradually submitting their requirements to the various working groups dealing with the re-planning of the frequency band 470 – 694 MHz. The submissions of the requirements have been followed by an analysis of the compatibility of the requirements by both Administrations. This analysis was the basis for the development of a common frequency plans containing the most feasible solution across frequency coordination area of the Administrations of the Slovak Republic and Hungary. Hence, the development of a common frequency plan has been an iterative process as:

- the modifications to the proposals have been evaluated taking into account national requirements;
- frequency coordination areas of neighbouring countries have also been taken into account.

Results of the activities

With this Agreement the Administrations of the Slovak Republic and Hungary establish a frequency plan which is visualised in **Annex 1** and **Annex 2**. The **Annex 1** and **Annex 2** represent the areas and channel positions for Digital Terrestrial Television in the band 470 – 694 MHz.

The list of new frequency assignments not stemming from the GE 06 Plan of the Administration of the Slovak Republic successfully coordinated by the Administration of Hungary is listed in the **Annex 3**.

The list of new frequency assignments not stemming from the GE 06 Plan of the Administration of Hungary successfully coordinated by the Administration of the Slovak Republic is listed in the **Annex4**.

The detailed technical parameters referred to DTT assignments in the **Annex 3** and **Annex 4** are recorded on two CDs (**Annex 5**), one copy for each Administration, in electronic format (Terrasys notices) contained in the files:

- “**SVK_NEW_ASSIGNMENTS_6_LAYER_12122017.txt**” for the Administration of the Slovak Republic
- “**HNG_NEW_ASSIGNMENTS_6_LAYER_08112017.txt**” for the Administration of Hungary

With this Agreement the assignments are bilaterally coordinated between both Administrations in accordance with the Article 4 of the GE06 Agreement.

The following allotments and associated assignments are to be treated as withdrawn of the given date. The date will be agreed later.

Channel	SVK
38	TNW-04
39	ZA-03
43	TNE-04

Channel	HNG
38	VAS

In HNG SOP allotment there are defined 7 channels from which 6 will be used in the future implemented networks. HNG will inform the Administrations of the Slovak Republic before 06th September 2020 which channel in the SOP allotment will be withdrawn.

In case of put in to operation transmitters, listed in Table below with technical parameters coordinated with Administration of Hungary, will occur harmful interference demonstrably caused with specific transmitter in associated allotments in Hungary, will administration of the Slovak republic make appropriate steps to reduce it. This measurement is valid until the date 06.09.2020.

name	channel
MEDZEV	30
TRENCIN	32
UHROVEC	32
ZILINA-KRIZAVA	38

The new assignments by the Agreement can be put into operation from the date of signature.

Subsequent activities

The current GE06 frequency Plan will be updated by the Administrations in accordance with Article 4 of the GE06 notification procedure based on this Agreement.

Annex 3 and **Annex 4** of this Agreement contains a table with the new-planned assignments, which are the result of the preceding re-planning activities and are not contained in the updated GE06 Plan in the respective area with the technical parameters recorded on the CDs.

Both Administrations will contribute in the timely framework, as specified in the European Parliament and Council decision on the UHF band, with their best effort to implement the new agreed frequency plan in a way that a smooth transition from the existing GE 06 Plan to the new GE06 Plan, with the least possible adverse effects for the audience can be carried out.

All future national developments and refinements of the broadcasting networks in the frequency band 470 - 694 MHz will be done by both Administrations according to Article 4 of the GE06 Agreement.

All the DTT assignments of Administration of Hungary above 694 MHz will not be used after 05.09.2020 within the frequency coordination area of Administration of Hungary and Administration of the Slovak Republic.

All the DTT assignments of Administration of the Slovak Republic above 694 MHz will not be used after 31.12.2020 within the frequency coordination area of Administration of the Slovak Republic and Administration of Hungary.

The withdrawal of the GE06 allotments and associated assignments from the GE06 Plan as it is on the date of signature in the 470 - 862 MHz band will be done according to Article 4 of the GE06 Agreement later considering the agreements with third administrations as well.

Enter into force

This Agreement will enter into force upon the signature of the paper version of this Agreement of the two Parties.

Language of the Agreement

This Agreement is prepared in English in two originals. Each Administration holds one original.

Place: Warsaw

Date: 12. 12. 2017

for the Administration of Hungary

Mária Kissné-Akli, PhD

Place: Warsaw

Date: 12. 12. 2017

for the Administration of the Slovak Republic

Milan Mizera
