



30TH WORLD RADIOCOMMUNICATION SEMINAR

24 – 28 October 2022

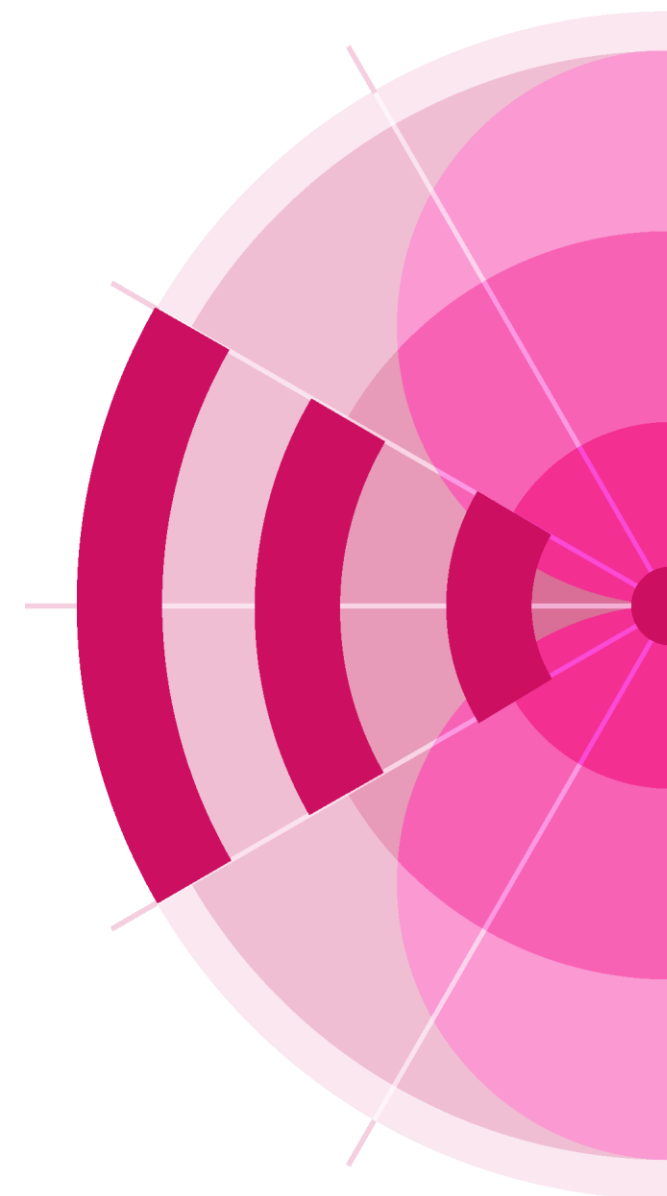
Geneva, Switzerland

GE06 Software tools

By Evghenii Sestacov
Broadcasting Services Division
ITU/TSD

www.itu.int/go/wrs-22

#ITUWRS



Overview

- ✓ Basic documents
- ✓ Article 4: Coordination examination
- ✓ Articles 4 and 5: Conformity examination
- ✓ Compatibility analysis

Basic documents

- ✓ Final Acts of the RRC-06: <https://www.itu.int/pub/R-ACT-RRC.14-2006>
- ✓ Part A10 of the Rules of Procedure: <https://www.itu.int/pub/R-REG-ROP/en>
- ✓ BS-GE06 Guidelines: https://www.itu.int/en/ITU-R/terrestrial/tpr/Documents/GE06_BS/English_guidelines/BS_GE06GuideLines_web.pdf
- ✓ Preface to the BR IFIC: https://www.itu.int/en/ITU-R/terrestrial/brific/BRIFIC/Preface/PREFACE_EN.pdf
- ✓ ITU-R Recommendations BT. 1306, BT.1877: <http://www.itu.int/rec/R-REC-BT/en>

Article 4: Coordination examination (file FIN_example_MOD_Art4.txt)

- Open eBroadcasting application at <https://www.itu.int/ITU-R/eTerrestrial/eBroadcasting>
- Access: **TIES username** and **password**
- Click on eTools
- Select **GE06D Art. 4 Plan Modification**
- Click on New calculation
- Browse → Choose the relating file
- Click on Upload file
- Name your job → Submit
- Click on Back to calculation History
- Find your job, and click on Refresh until Job status is 'Success'
- View the results

Article 4: Conformity examination (file KAZ_GT1_3C_Art4.txt)

- Open eBroadcasting application at <https://www.itu.int/ITU-R/eTerrestrial/eBroadcasting>
- Access: **TIES username** and **password**
- Click on eTools
- Select **GE06D Art. 4 Plan Modification**
- Click on New calculation
- Browse → Choose the relating file
- Click on Upload file
- Name your job → Submit
- Click on Back to calculation History
- Find your job, and click on Refresh until Job status is 'Success'
- Click on the relevant notice in the column Adm Id
- View the results

Article 5: Conformity examination

Software required

- Latest Terrestrial BR IFIC installed
- MS Access 2000 or later
- GE06Calc: <https://www.itu.int/en/ITU-R/terrestrial/broadcast/Pages/Services.aspx>

Procedure

1. Open GE06Calc
2. Select Tools → Conformity examination
3. Browse the file and click Next
4. Once again click Next and wait for results
5. Select item of interest and click on the blue number
6. Check the results
7. If necessary, modify the notice, using TerRaNotices tool, and repeat steps 2-6

Files: Art5_GT1_example.txt, Art5_GT1_example_39.6dBW.txt
SUI_Art5_GB1_example_DVB-T2.txt
BOT_Art5_GB1_example_ISDB-T.txt
Art5_5.1.2e_GS1_T-DAB under DVB-T entry_example.txt
Art5_5.1.3_GB1_T-DAB under DVB-T entry_example.txt

Compatibility analysis (file SUI_example_DVB-T.txt)

Compatibility analysis for a DVB-T/T-DAB assignment or allotment:

- Open eBroadcasting application at <https://www.itu.int/ITU-R/eTerrestrial/eBroadcasting>
- Access: **TIES username** and **password**
- Click on eTools
- Select **GE06D Compatibility Analyses**
- Click on New calculation
- Browse → Choose the relating file
- Click on Upload file
- Name your job → Submit
- Click on Back to calculation History
- Find your job, and click on Refresh until Job status is 'Success'
- Download results on your disk, unzip the .mdb file
- Open **GE06Calc** → File → Open Compatibility analysis results file...

Thank you!

ITU – Radiocommunication Bureau

Questions to brbcd@itu.int or evghenii.sestacov@itu.int

