

ITUEvents

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www.itu.int/go/ITU-R/WRS-18



GE06 Workshop on Special cases (5.1.3) and relevant conformity examinations

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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/BS-GE06_Guide.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>



Conformity examination under Article 5 of the GE06 Agreement

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



GB1: DVB-T2 Assignment for recording into MIFR

Prepare an electronic notice for a digital television broadcasting station based on the information below.

Select the Administration of **Switzerland (SUI)** as the notifying administration.

Transmitting antenna site name	Test site
Coordinates of the transmitting antenna site	8°13'52"E - 47°25'29"N
Unique identification code	DVB-T2 assignment
Site altitude	To be calculated using TerRaNotices facility
Assigned frequency	490 MHz
Class of station	BT
Polarization	Horizontal
Effective radiated power	30 dBW
Bandwidth	7770 kHz (ITU-R Rec. BT. 1877, Table 1)
Class of emission	X7FXF (Preface to the BR IFIC, Table "Television Systems")
Antenna directivity	Non Directional
Height of the antenna above ground level	50 m
Maximum effective antenna height and Effective antenna heights (m) at 36 different azimuths in 10 degrees interval	To be calculated using TerRaNotices facility
Plan Entry	3
Assignment code	C
Unique identification code of the corresponding allotment in the Plan	SUI-UHF-DVB-02-02
SYNC/SFN id	SUI-UHF-DVB-02-02
SFN id	SUI-UHF-DVB-02-02
Maximum power density	Insert calculated value
Signed commitment	FALSE
Remark condition met	TRUE
Resubmission	FALSE
Date of bringing the frequency assignment into use	7 July 2018
Address code	Preface to the BR IFIC
Operating hours	24 Hours



GB1: ISDB-T Assignment for recording into MIFR

Prepare an electronic notice for a digital television broadcasting station based on the information below.
Select the Administration of **Botswana (BOT)** as the notifying administration.

Transmitting antenna site name	WERDA
Coordinates of the transmitting antenna site	23°15'33"E - 25°16'07"S
Unique identification code	ISDB-T assignment
Site altitude	To be calculated using TerRaNotices facility
Assigned frequency	490 MHz
Class of station	BT
Polarization	Horizontal
Effective radiated power	50 dBW
Bandwidth	7434 kHz (ITU-R Rec. BT. 1306, Table 1)
Class of emission	X7F (Preface to the BR IFIC, Table "Television Systems")
Antenna directivity	Non Directional
Height of the antenna above ground level	77 m
Maximum effective antenna height and Effective antenna heights (m) at 36 different azimuths in 10 degrees interval	To be calculated using TerRaNotices facility
Plan Entry	1
Assignment code	S
Unique identification code of the corresponding assignment in the Plan	BOT_WERDA_UHF1
Maximum power density	Insert calculated value
Signed commitment	FALSE
Remark condition met	TRUE
Resubmission	FALSE
Date of bringing the frequency assignment into use	1 October 2018
Address code	Preface to the BR IFIC
Operating hours	24 Hours



Thank you!

Questions?

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