

Factsheet PMSE-DB

Why is frequency coordination necessary in CH?

Since 1 January 2013 by legislator

- Usable spectrum reduced by about 20% (DD1)
- Dissolution of the concession obligation for radio microphones

From about 2019

- Remaining spectrum is again reduced by about 20% (DD2)

At the same time, the proportionate demand for radio microphone lines increases from year to year.

Conclusion: Massively higher risk of conflict or interference

Actions SRG SSR

- 2012 -> Spectrum regulation across the market
- 2013 -> Start of Development of PMSE-DB.CH

Initial position for PMSE-DB

For all users

- Represent DVB-T interference situation in CH and bordering areas
- Simplify coordination
- Reduce the coordination effort
- Free of charge because of the acceptance

Goal: to increase operational safety

Requirements for PMSE-DB

- Management of contact data
- Management of events
- Represent DVB-T interference situation in CH and bordering areas
- Frequency management (supported)

Goal: reduce the coordination effort

Key Features - current release 3.1.0.1

- Clarification of the DVB-T situation for a geographical location (CH)
- Record/capture events
- Simple frequency registration for an event by means of device presets
- Intermodulation-free frequency allocation by coordinator (frequency manager)
- Recording of company-specific device presets (HF-Officer)
- Commercially available devices are predefined by presets
- Capture event locations and their static frequencies
- Generate OFCOM-license application form

PMSE-DB today - Conclusion

- Used by 88 companies and 780 users
- great acceptance in the pro-audio industry
- Reduced administrative co-ordination effort
 - by simply registering with presets
 - by allocation within the scope of the device possibilities
 - minimizes errors with regard to incorrect or incomplete data and typing errors
 - Entire workflow including frequency calculation is depicted in PMSE-DB
- Successful assignments to major events