

PMSE in CEPT

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CEPT

- 48 member countries debating common spectrum objectives
- Consists of various layers and groups
 - ECC, PT1, WG FM, WG SE, etc
 - FM51 deals with PMSE regulatory issues
 - SE7, SE24, ... deal with PMSE technical studies (other issues too)



FM51

- Drafts new, and updates existing, ECC, ERC, CEPT, etc, documents concerning PMSE
- Drafts responses to EC Mandates concerning PMSE
- Covers both audio and video PMSE



Recent work

- ERC Rec. 25–10:
 - Tuning ranges for PMSE equipment
- CEPT Report 61:
 - response to EC Mandate on video PMSE in 2.7–2.9 GHz
 - Only France is likely to use this frequency range



ERC Rec. 25–10

- Last published 2003
- Currently in Public Enquiry phase
- Many changes to tuning ranges available
- National information on band availability will be electronically updated using information from EFIS (frequency use database)

Audio tuning ranges

- Losses:
 - 790 to 862 MHz
 - [694 to 790 MHz]
 - (pending)
 - {1492–1518 MHz}
- Gains:
 - 823 to 832 MHz
 - (duplex gap)
 - 1350 to 1400 MHz
 - 1800 to 1805 MHz
 - (duplex gap)



Video tuning ranges

- Losses:
 - [2300 to 2400 MHz]
 - [2400 to 2500 MHz]
 - 2500 to 2690 MHz
- Gains:
 - 2010 to 2025 MHz
(used in UK)
 - [2700 to 2900 MHz]
 - 7000 to 8500 MHz
(part used in UK)



Future activity

- Report on body loss/building loss/etc. to be used in future audio PMSE studies
 - Could have relevance to 960–1164 MHz band
- Consideration of other bands for future use
- Contribution driven – no input, no action!!

Thank you

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