WRC-23 A.I. 1.2 - 6 GHZ TECHNICAL STUDIES: LET THE STUDIES BEGIN!

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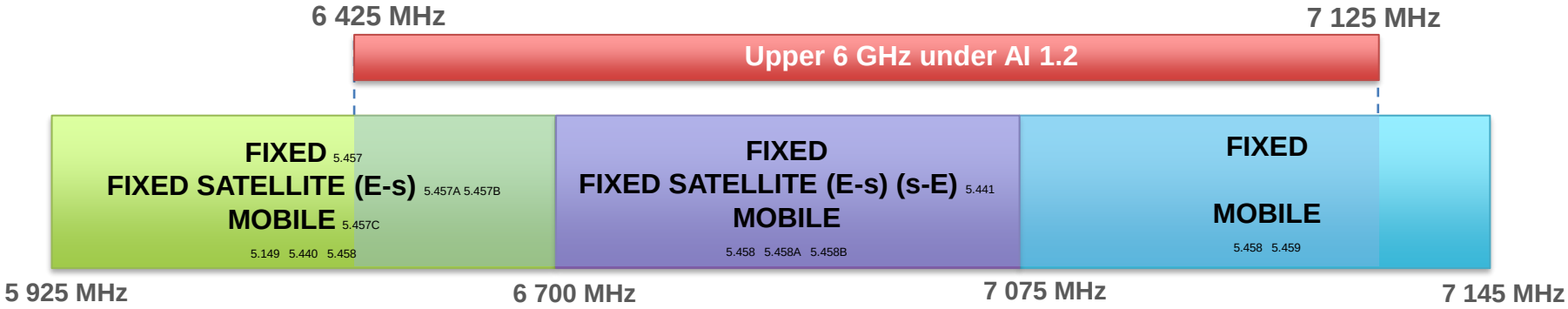
Agenda Item 1.2: Upper 6 GHz

Frequency Bands - Agenda Item 1.2

- Agenda Item 1.2 will be discussed in ECC PT1 (CEPT) and WP 5D (ITU-R).
- Resolution 245 considers IMT identification in Region 1 for the entire **6 425 – 7 125 MHz** frequency band, while global identification is only considered for **7 025 – 7 125 MHz** frequency band.
- The technical and operational characteristics from relevant ITU-R groups is now finalised.
- There are interest from a wide range of stakeholders (next slide).

Sharing and Compatibility Study

Primary Allocations in Radio Regulation

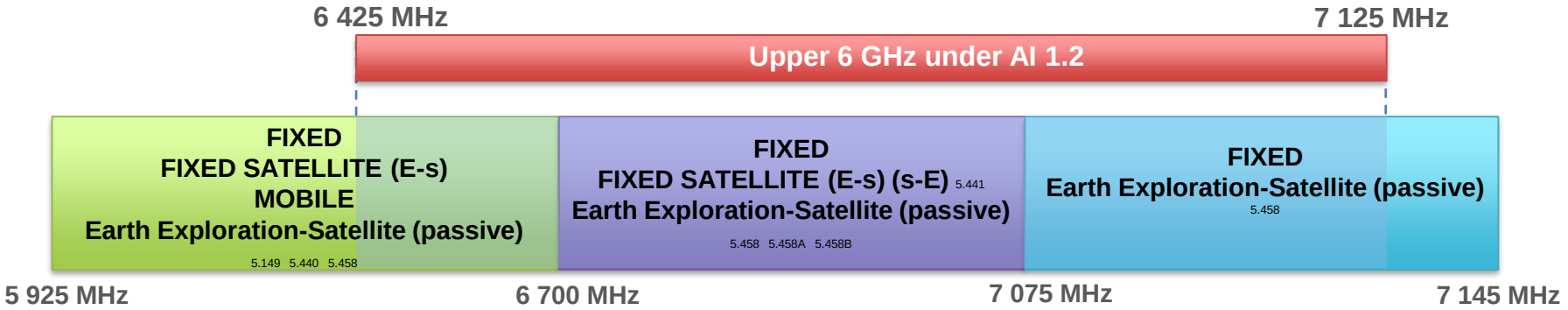


Other services

- Earth exploration-satellite (passive) (**6 425 – 7 075 MHz** and **7 075 – 7 250 MHz**) - RR 5.458
- Radio astronomy (**6 650 – 6 675.2 MHz**) - RR 5.149
- Space Operation Service (additional primary allocation for Russian Federation in **7 100 – 7 155 MHz**) - RR 5.459

Initial CEPT AI 1.2 discussions

European Common Allocation (ECA) Table



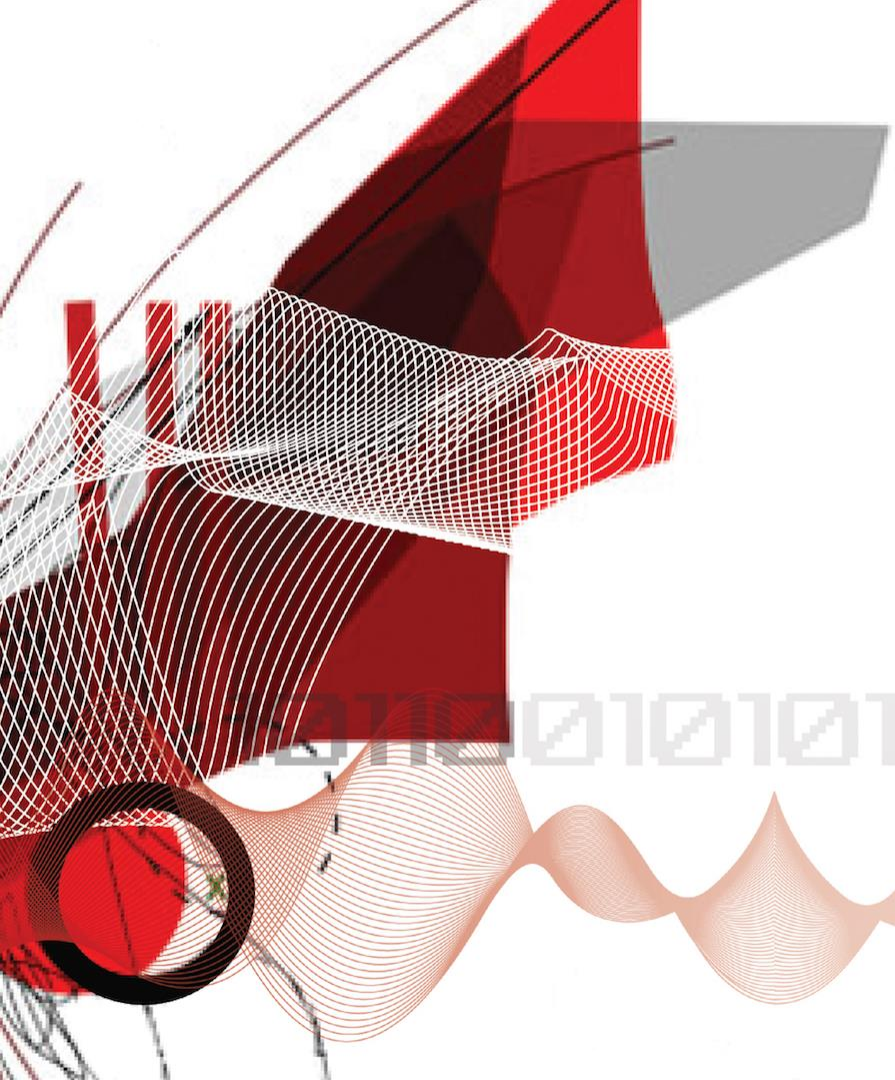
Notes

- There are significant interest for Fixed Satellite usage in the **7 075 – 7 125 MHz**
- There are some interest in Earth exploration-satellite (passive) - RR 5.458 but this is outside the scope for studies in Resolution 245
- There are interest for Radio astronomy usage in **6 650 – 6 675.2 MHz** – RR 5.149 but this is outside the scope for studies in Resolution 245

Where we are on the upper 6 GHz studies in CEPT

- IMT parameters are significantly different between previous studies in the lower 6 GHz band (e.g. in Report ITU-R S.2367 published in 2015) and studies in the upper 6 GHz band (Resolution 245), hence it is important to perform these new studies.
- Some technical analysis has been submitted to ECC PT1#69 (September) dealing with IMT & FSS uplink at the upper 6 GHz.
- Diverging results & concerns were raised for both studies. Too early for any indication on the coexistence between IMT and FSS uplink from those studies.
- CEPT has not reach a position for this upper 6 GHz band, as the focus is on the sharing studies to understand the coexistence situation between services.
- Let the studies begin… or rather continue in CEPT!

Thank you



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