

Long-term vision for the upper 6 GHz band – U6GHz

RSPG Opinion – U6GHz

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Tasks:

- 1. Analyse current use of and future demand for existing and new services in the band**
- 2. Policy recommendations on how to best organise the future use of the upper 6 GHz band in Europe**

Time schedule:

- RSPG has adopted the draft opinion for public consultation on the 17.6.2025**
- Final opinion: 12.11.2025**

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Documents for the plenary

- 1. Annex 1 – Draft Opinion**
- 2. Annex 2 – Annex to the draft opinion (questionnaire)**
- 3. Annex 3 – Cover letter**

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Annex 1 – Draft Opinion:

5.1 Consideration on the current use

- **Flexibility in maintaining FS**
- **Protection FSS and RA**
- **EESS importance of primary allocation WRC-27**

5.2 Recommendations on development of use

- **No immediate significant need**
- **Option not to award spectrum where no demand arises for MFCN**

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Annex 1 – Draft Opinion:

5.3 Policy recommendations on a prioritised band split

- 4. The RSPG has considered several options for the prioritised band split. Four of these options have received significant support, assigning 0 MHz, 80 MHz, 160 MHz or 320 MHz to WAS/RLAN, respectively.**

Note: There is a slight preference within RSPG for the 160 MHz option. However, the public consultation will be an opportunity for RSPG to review the option and to decide on the most appropriate one.

- 6. this scenario could be the basis for an EC implementing decision...RSPG reserves the right to revisit and, if necessary, revise its position following the conclusion of Tasks 1 and 2 of the mandate.**

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6425-6585 MHz

- recommends a prioritised use for WAS/RLAN.
- recognise the need for CEPT to investigate the non-prioritised low power MFCN usage within this WAS/RLAN segment.

6585-7125 MHz

- recommends a prioritised use for full power MFCN.
- recognise the need for CEPT to investigate the non-prioritised WAS/RLAN usage within this full power MFCN segment.
- CEPT should, within the scope of the EC Mandate (Task 1 and Task 2), study the exact size of the possible necessary guard band for protection of both applications.

6645-6685 MHz

- recommends that, in countries with radio astronomy (6650-6675.2 MHz) or with MFCN stations within the coordination zone, there will be a need to ensure protection of RAS by coordinating MFCN usage in the band 6645-6685 MHz.

Note: The 160 MHz option is provided at this stage just as an example

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5.4 Further on the upper 6 GHz band

- CEPT should develop, technical conditions and non-prioritised use mechanism
- Strategic role of seamless interworking between MFCN and WAS/RLAN.

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Annex 3 – Cover letter:

- Preferred band segmentation (6425 MHz or 6505 MHz or 6585 MHz or 6745 MHz)
- Note: There is a slight preference within RSPG for the 160 MHz option.
However, the public consultation will be an opportunity for RSPG to review the option and to decide on the most appropriate one.
The RSPG intends to present one single option in the final opinion at the RSPG Plenary on 12 November 2025.
- Request for the stakeholders:
 - Explain the benefits of each band split option
 - Explain the impact on incumbent of each band split option
- Public Consultation ends: 31.8.2025