



Update Frequenzen

RTR

122. Regulierungsdialoq - Update Frequenzen



Update

- Nächste Frequenzvergabe
- Aktuelles aus der RSPG



Spectrum Release Plan 2022 - 2026

In der Konsultation angesprochene Bänder	Zeitfenster	Bemerkung
26 GHz (1,6 GHz) Rest 3,4-3,8 GHz	1. Halbjahr 2023	<ul style="list-style-type: none">• Zeitnahe Vergabe eines Teils des 26 GHz-Bandes (vermutlich 1,6 GHz) und der Restfrequenzen 3,4-3,8 GHz• Unterschiedliche Bewilligungsverfahren möglich
2,3 GHz ^a 2,6 GHz 6 GHz ^a (26 GHz) ^a	2025	<ul style="list-style-type: none">• Vergabe des 2,6 GHz-Bandes zeitgerecht vor Ablauf der Nutzungsrechte Ende 2026.• Gemeinsame Vergabe des 2,6 GHz-Bandes mit Frequenzen aus den Bereichen 2,3 GHz und 6 GHz, abhängig von der Verfügbarkeit dieser Frequenzen.
42 GHz 60 GHz 26 GHz ^a	Ab 2026	<ul style="list-style-type: none">• Andere in der Konsultation angesprochene Frequenzen• Vergabe im Rahmen des nächsten <i>Spectrum Release Plans</i>.

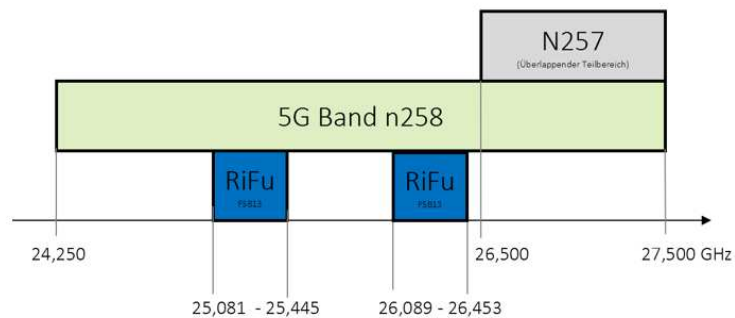
^a Abhängig von der Verfügbarkeit.

https://www.rtr.at/TKP/was_wir_tun/telekommunikation/spectrum/framework/FRQ_Spectrum_Release_Plan.de.html

122. Regulierungsdialog - Update Frequenzen



26 GHz-Band



- Langfristig verfügbar sind 3,25 GHz.
- Plan 1,6 GHz in der nächsten Vergabe zu vergeben.
- Ein Teil des Spektrums für lokale Campus-Netzwerke / Industrienutzung
- Weitere Vergaben abhängig von Räumung FDD RF.
- Details werden sich im FNV finden.

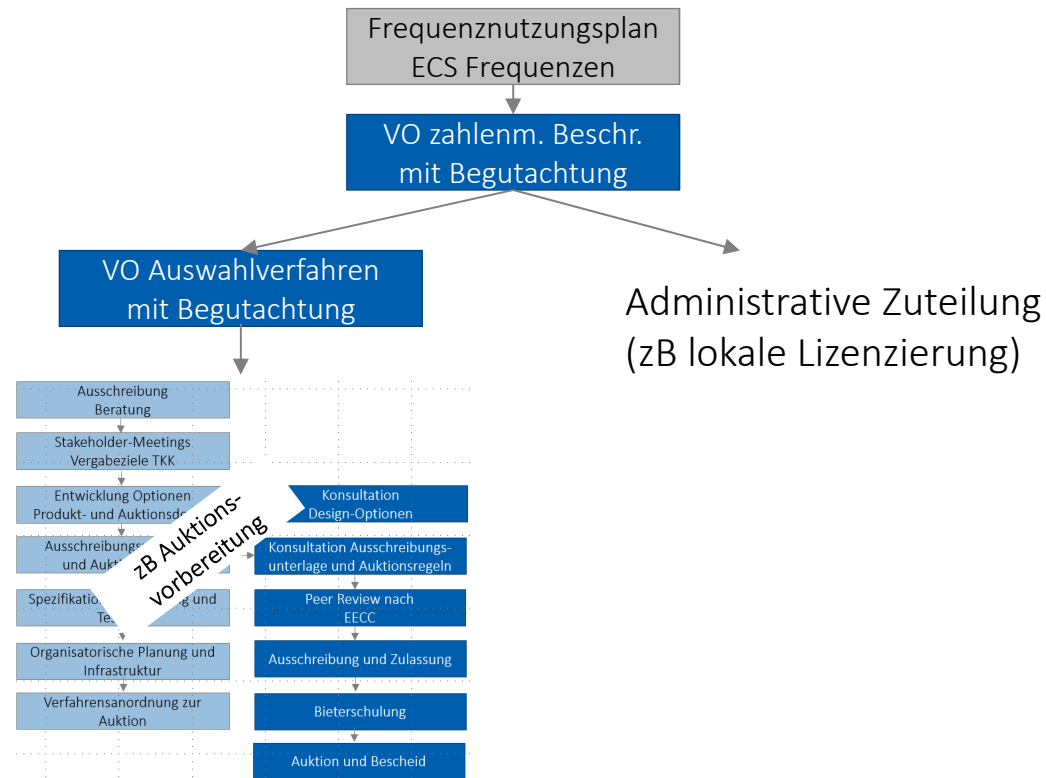


Restfrequenzen 3,4-3,8 GHz

Id	Region	MHz
A01u	Wien+, St. Pöten	40
A01r	Wien, Burgenland, Niederösterreich ohne A01u	10
A02u	Linz+, Wels+	
A02r	Oberösterreich ohne A02u	
A03u	Salzburg Stadt +	
A03r	Salzburg Land ohne A03u	
A04u	Innsbruck+, Bregenz+	60
A04r	Nordtirol, Vorarlberg ohne A04u	60
A05u	Villach, Klagenfurt	60
A05r	Osttirol und Kärnten ohne A05u	60
A06u	Graz+	10
A06r	Steiermark ohne A06u	



Verfahrensablauf in Schritten nach TKG 2021





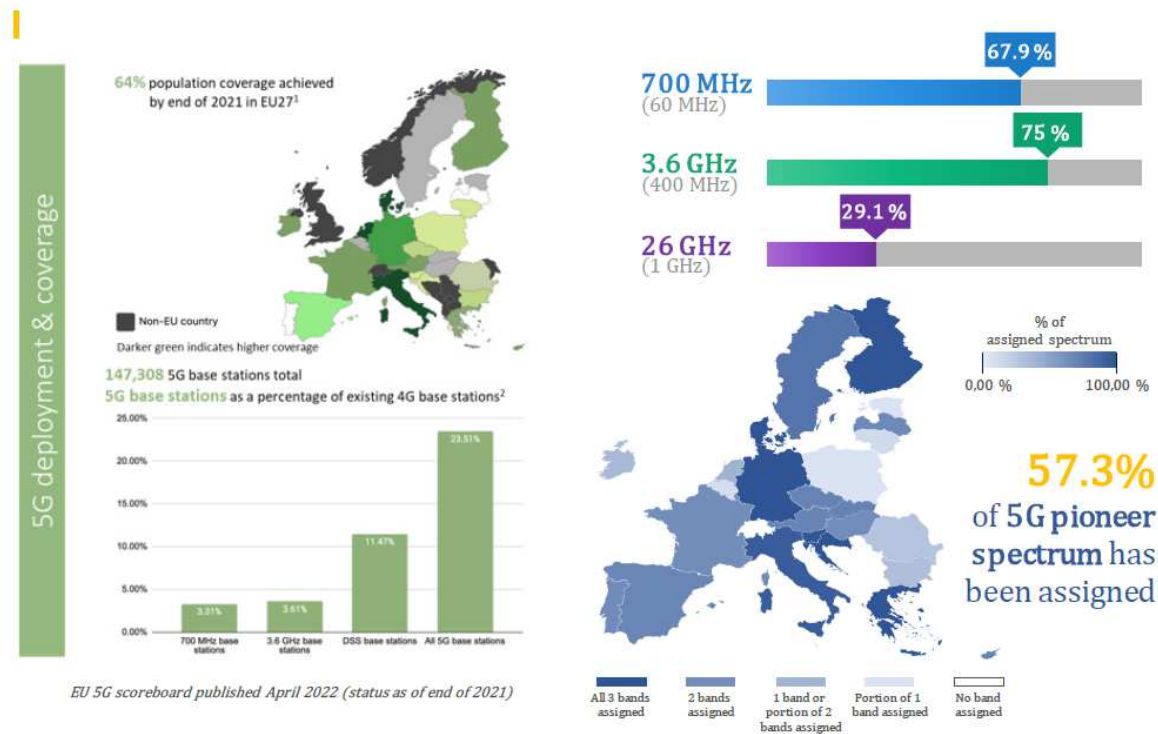
Geplanten Schritte

- Frequenznutzungsverordnung
- Konsultation zu Eckpunkten der Vergaben (Q2 2022)
- Verordnung zur zahlenmäßigen Beschränkung
- Verordnung zum Auswahlverfahren
- Konsultation Ausschreibungsunterlage
- Ausschreibung
- Auktion/Vergaben

FNVO wird sich verzögern. Damit auch die Konsultation.



State-of-play 5G award pioneer bands



Deadlines set by the UHF Decision and the Code:

- 700 MHz: **30 June 2020**
- 3.6 GHz & 26 GHz: **31 December 2020**



58th RSPG Meeting

- Update on Commission initiatives
- WRC 2023
- 5G pioneer bands: state of play on awards
- Peer Review and Member State cooperation on authorisations and awards
- UHF band beyond 2030
- Good offices
- Climate Change
- Mobile technology evolution & Development of 6G
- ua



Public Consultation on the Draft RSPG Opinion on ITU-R World Radiocommunication



Noch ein DRAFT!!!

LINK:

<https://rspg-spectrum.eu/public-consultations/>

DAUER:

08 June 2022 bis 12 August 2022

3 ausgewählte agenda items




RSPG Empfehlung

- * a recommendation of an appropriate course of action for
 - * *Case a)*, Agenda items which require an EU position to be proposed by the European Commission for adoption by the Council because a WRC decision may affect common rules.
 - * *Case b)*, Agenda items for which an EU position to be proposed by the European Commission for adoption by the Council is desirable in the view of RSPG (e.g. common rules are expected in the future or essential EU policy objectives).



WRC Agenda item 1.2

- Obere Bereich des 6 GHz-Bandes (6 425 - 7 125 MHz)
- Zwei Optionen in der Konsultation
 - Option 1: “IMT identification” (Mobilfunknutzung)
 - Option 2: “No IMT identification” (Wifi Nutzung)

These recommendations are falling under *case b*). 



WRC Agenda item 1.3

- Frequenzbereich 3600 – 3800 MHz

This Agenda Item considers the possible upgrade of the allocation of the 3 600-3 800 MHz band to the mobile service, except aeronautical mobile service, on a primary basis, within Region 1.

It is noted that the frequency band 3 600-3 800 MHz is already allocated on a primary basis in Europe¹⁸. 5G implementation is currently on-going in Member States and therefore the foreseen EU-wide usage is not dependent on the outcome of this Agenda Item. However, border coordination between EU and non-EU countries also needs to be taken into account and considered. The protection and equal access of the incumbent radio services usage in Region 1 non-EU countries, which may diverge from the use in the European Union¹⁹, will need to be considered in sharing and compatibility studies.

4.2.3 RSPG recommendation:

The RSPG recommends that the European Commission proposes an EU position to the Council to update the allocation of the 3 600-3 800 MHz frequency band to a primary mobile allocation, as this will facilitate coordination negotiations between EU and non-EU countries at the EU borders, where non-EU neighbouring countries have a different use of the frequency band.

This recommendation is falling under *case a)*.



WRC Agenda item 1.5

- UHF Band (470 - 694 MHz)
- Grundlage UHF-Entscheidung (2030 / 2025 / 2020 / Flexibilität)

4.3.3 RSPG recommendation:

The RSPG recommends that the European Commission proposes an EU position to the Council to ensure that the decision of WRC-23 on this Agenda item is compliant with the Decision (EU) 2017/899 providing priority to broadcasting and PMSE usage until at least end 2030.

Note: The RSPG is of the view that the above outlined recommendation is ensured by various options. One can be No Change at WRC-23, with a possible agenda item for WRC-27 or WRC-31. Another one can be a co-primary allocation to the mobile service which should become effective at a later stage (e.g. 31.12.2030). It is further noted that the EU Position on this agenda item should avoid ambiguity.

This recommendation is falling under *case a)*.



Peer Review

- Kein Peer Review seit RSPG#57
- Stakeholder Workshop am 20.06.2022