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Digital Decade and Connectivity
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RADIO SPECTRUM POLICY GROUP

PEER REVIEW

REPORT

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Foreword

The following 5th edition of the Peer Review Report results from the provisions of the Article 35(8) of the Directive (EU) 2018/1972 of the European Parliament and of the Council of 11 December 2018 establishing the European Electronic Communications Code (EECC) on draft measures that fall within the scope of the comparative or competitive selection procedure pursuant to Article 55(2) EECC.

In the period covered by the 5th Peer Review Report, i.e. January 1st – December 31st 2025, **5 Member States** (and EEA EFTA countries) notified the RSPG pursuant to Article 35(1) and 23(2) EECC about their intention to award spectrum in a frequency band harmonised for use at EU level in accordance with Decision No 676/2002/EC; namely:

- **Slovakia**, on 17th January 2025 of the intention to undertake a selection procedure in order to assign the rights of use of spectrum bands 800 MHz, 900 MHz, 1500 MHz, 2100 MHz and 2600 MHz.
- **Italy**, on 30th January 2025 of the intention to undertake a selection procedure in order to assign the rights of use of spectrum band 24.25-26.5 GHz (lower 26 GHz band).
- **Sweden**, 14th February 2025 of the intention to undertake a selection procedure in order to assign the rights of use of spectrum band 1800 MHz).
- **Belgium**, on 12th September 2025 of the intention to undertake a selection procedure in order to assign the rights of use of spectrum band 26 GHz in 14 blocks of 200 MHz.
- **Austria**, on 10th October 2025 of the intention to undertake a selection procedure in order to assign the rights of use of spectrum bands 2300 MHz and 2600 MHz.

4 Member States requested a Peer Review Forum on the basis of Article 35 EECC:

- **Slovakia** on 13th February 2025,
- **Italy** on 26th February 2025,
- **Sweden** on 11st March 2025,
- **Austria** on 17th November 2025.

In all of the above cases neither a report according to the Article 35(7) EECC nor an opinion according to the Article 35(9) EECC were requested by the Member States that had requested that a Peer Review Forum be organised.

Data on Peer Review process were also published on the RSPG website with the information on Article 35 notifications - https://radio-spectrum-policy-group.ec.europa.eu/article-35-notifications_en.

Information provided by the Member States for the purpose of conducting Peer Review Forum.

I. SWEDEN

1. General information

Frequency band(s)

2x 35MHz of the 1800MHz band

Type of award mechanism

Competitive selection procedure (auction)

Spectrum blocks and number of rights of use

- 1710-1720/1805-1815 MHz and 1755-1780/1850-1875MHz: Seven 2×5 MHz frequency generic FDD blocks.

Upfront fee conditions (reserve prices, payment terms etc.)

Reserve Price 70MSEK (~ €6.2M) per 2x5 MHz block.
50% of the auction fee was to be paid shortly after the decision had been made (preliminary Dec. 2025/Jan. 2026). The other half of the auction fee is to be paid from when the licenses become valid for use. The spectrum licences which are awarded will be valid for use from 1 January 2028 and onward.

Spectrum caps and holdings, spectrum reserve for new entrants

No spectrum cap or reserved spectrum for new entrants

Eligibility and/or exclusion criteria if appropriate (in connection with Article 48(4) EECC)

In a specific part of the open invitation procedure applicants provide necessary information in order to be assessed whether radio usage associated with their networks can be assumed to have the potential to cause harm to Sweden's national security.

Timeframe of the process

Auction in November 2025

Decision on the award of spectrum

Shortly after the auction

2. Licence conditions

Technology (incl. technical conditions, and coordination requirements, if applicable)

Technology neutral licences with technical conditions in accordance with the Commission Implementing Decision (EU) 2022/173 of 7 February 2022.
The licensee must comply with conditions according to the current coordination agreements between Sweden and other states. The licensee must also obtain consent from the Swedish Armed Forces when installing new transmitters and changing existing transmitters (e.g. changed technology, direction/tilt, power, channel width) in certain municipalities.

Geographical extent

Sweden

Access obligations (e.g. MVNO and resellers)

No

Coverage obligations (e.g. the specific requirements to be met)

No

Spectrum sharing (incl. obligation to provide national roaming, if applicable)

No

Other obligation(s) (e.g.-numbers of base station, quality of the service)

No

Spectrum trading/leasing

Trading and leasing of (a part of) the spectrum licence is allowed but subject to prior approval by the PTS, according to the Swedish Act on electronic communications.

License duration

- 1/1/2028-31/12/2054

Annual fees

Those who hold a licence to use radio transmitters shall pay an annual fee according to the Swedish Act on electronic communication. The amount of the fee can be found in PTS' regulations on fees and charges.

3. Objectives

Promotes the development of the internal market, the cross-border provision of services, as well as competition, and maximises the benefits for the consumer, and overall achieves the objectives set in Articles 3, 45, 46 and 47 of EECC Directive, as well as in Decisions No 676/2002/EC and No 243/2012/EU

- Coordination agreements in place
- Harmonised technical conditions allowing equipment currently available as well as further improved.
- Well-balanced protection criteria that ensure functionality for adjacent services
- No spectrum cap.
- No coverage obligations.

Ensures effective and efficient use of radio spectrum

- Competitive selection procedure where the willingness to pay for spectrum is well reflected.
- Harmonised technical conditions allowing equipment currently available as well as further improved.
- Regulations for trade and lease in place.
- Sharing mechanism making complementary usage possible.

Ensures stable and predictable investment conditions for existing and prospective radio spectrum users when deploying networks for the provision of electronic communications services which rely on radio spectrum

- Harmonised technical conditions allowing equipment currently available as well as further improved.
- Licence duration longer than 20 years (i.e. 27 years).

II. Slovak Republic

1. General information

Frequency band(s)

Bands 800 MHz, 900 MHz, 1500 MHz, 2100 MHz and 2600 MHz

Type of award mechanism

Simultaneous Multiple Round Auction (SMRA) Clock – Hybrid:
- with six sequential auction stages (one for every band) in the following order 900 MHz, 800 MHz, 2100 MHz, 2600 MHz (FDD), 1500 MHz and 2600 MHz (TDD). If any block remains unsold in the main auction phase, the spectrum cap will be increased, and the unsold blocks will be offered in an additional auction phase (This does not apply for 800 MHz and 2100 MHz band).

Allocation phase (not applicable for the 2600 MHz TDD band):

Those successful in the SMRA phase submit bids for specific blocks. The winning bid is the highest total value combination of compatible bids. Winners pay an additional price based on the second highest bid and opportunity cost.

Spectrum blocks and number of rights of use

- Band 800 MHz – 6 duplex blocks (each 5 MHz)
- Band 900 MHz – 7 duplex blocks (each 5 MHz)
- Band 1500 MHz – 8 x 10 MHz blocks
- Band 2100 MHz – 12 duplex blocks (each 5 MHz)
- Band 2600 MHz FDD – 14 duplex blocks (each 5 MHz)
- Band 2600 MHz TDD – 1 x 50 MHz block

Upfront fee conditions (reserve prices, payment terms etc.)

30% of reserve price. – Bank Guarantee

Participants must deposit the auction guarantee equivalent to 30% of reserve prices of at least 2 block below 1GHz and 4 blocks above 1GHz, which represents minimum nationwide frequency equipment of an efficient mobile network operator in Slovakia

Reserve price:
Band 800 MHz – €17 million
Band 900 MHz – €17 million
Band 1500 MHz – €3 million
Band 2100 MHz – €6 million
Band 2600 MHz FDD – €3 million
Band 2600MHz TDD - €5 million

Five instalments, the first being the auction process bank guarantee; The remaining part of the auction price is divided into four equal instalments due by 31/12/2025; 31/12/2026; 31/12/2027; and 31/12/2028.

Spectrum caps and holdings, spectrum reserve for new entrants

Band 800 MHz – cap 2 blocks
Band 900 MHz – cap 2 blocks
Band 1500 MHz – cap 2 blocks
Band 2100 MHz – cap 4 blocks
Band 2600 MHz FDD – cap 4 blocks
Band 2600MHz TDD - no spectrum cap

Spectrum cap will increase by one in 900 MHz, by two in 1500 MHz and by two in 2600 MHz FDD if the spectrum is not sold.

Eligibility and/or exclusion criteria if appropriate (in connection with Article 48(4) EECC)

-

Timeframe of the process

Auction planned for June 2025.

Decision on the award of spectrum

Planned for July 2025.

2. Licence conditions

Technology (incl. technical conditions, and coordination requirements, if applicable)

Technology neutral

Geographical extent

Slovak Republic

Access obligations (e.g. MVNO and resellers)

Coverage obligations (e.g. the specific requirements to be met)

- Band 800 MHz and 900 MHz:
  - **For existing licence holders**
    - Cover at least 95% population of Slovakia or build and operate at least 1500 base stations
  - **For new licensees**
    - Cover at least 20% population of Slovakia by 31/12/2029
    - Cover at least 50% population of Slovakia by 31/12/2031
    - Cover at least 75% population of Slovakia by 31/12/2032
    - Cover at least 95% population of Slovakia or build and operate at least 1500 base stations by 31/12/2033

- Band 1500 MHz:
  - By 31/12/2030 build and operate at least 100 base stations distributed across all administrative regions.

- Band 2100 MHz:
  - **For existing licence holders**

    - Cover at least 65% population of Slovakia or built and operate at least 700 base stations.

  - **For new licensee**s
    - Cover at least 65% population of Slovakia or built and operate at least 700 base stations by 31/12/2033.

- Band 2600 MHz FDD:
  - **For existing licence holders**
    - Cover at least 40% population of Slovakia.
  - **For new licensees**
    - Cover at least 40% population of Slovakia by 31/12/2033.

- Band 2600 MHz TDD:
  - By 31/12/2033 build and operate at least 100 base stations distributed across all administrative regions.

Spectrum sharing (incl. obligation to provide national roaming, if applicable)

- National roaming for 800 MHz and 900 MHz band
  NR obligation applies, from 1/1/2029 to 31/12/2033, to successful participants who obtain a total of at least 4 auction blocks in the 800MHz and 900 MHz frequency bands and which had held spectrum below 1GHz before the auction. The possibility to request NR applies to an operator which obtains at least 1 block in the 800MHz or 900 MHz bands, has no other frequencies below 1 GHz and did not hold any frequencies below 1GHz before the auction.

Other obligation(s) (e.g.-numbers of base station, quality of the service)

-

Spectrum trading/leasing

No transfer or lease permitted for 5 years after licence award subject to fulfilment of coverage obligations.

License duration

800 MHz, 900 MHz and 2600 MHz: From 1/1/2029 to 31/12/2048
1500 MHz: until 31/12/2048
2100 MHz: From 8/9/2026 to 31/12/2048

Annual fees

According to valid tariff

3. Objectives

Promotes the development of the internal market, the cross-border provision of services, as well as competition, and maximises the benefits for the consumer, and overall achieves the objectives set in Articles 3, 45, 46 and 47 of EECC Directive, as well as in Decisions No 676/2002/EC and No 243/2012/EU

The conditions of the tender are set so that MNOs should get enough frequencies for maintaining effective infrastructure-based competition, and that each of the successful participants can provide electronic communications services using these frequencies in the required quality, scope and with the required coverage of the territory and population.

Ensures effective and efficient use of radio spectrum

For support effective and efficient use of radio spectrum we set:
- Reserve prices
- Size of auction blocks
- Spectrum caps
- Coverage obligation

Restriction on transfer or lease rights to use frequencies

Ensures stable and predictable investment conditions for existing and prospective radio spectrum users when deploying networks for the provision of electronic communications services which rely on radio spectrum

NRA plans to assignment frequencies for 20 or more years which represents a sufficient period for stable and predictable investments.

III. ITALY

1. General information

Frequency band(s)

26 GHz band (24.25-26.5 GHz)

Type of award mechanism

Competitive selection procedure (auction)

Spectrum blocks and number of rights of use

- 7 TDD blocks of 200 MHz (totalling 1.4 GHz).
  - Consisting of:
    5 national TDD lots of 200 MHz each and
    42 regional TDD lots of 200 MHz each (two 200 MHz blocks in each of 21 regions)

Upfront fee conditions (reserve prices, payment terms etc.)

National lots: ~ 27 M€ for each lot for 16 years (i.e. the same reserve price as the rights of use of the lot of 200 MHz in the 26.5-27.5 GHz band already assigned in 2018, proportionally adjusted by considering the duration of the rights of use);

Regional lots: for each region the reserve price is calculated by proportionally adjusting the reserve price for national lots according to the percentage of population (compared to the national population) of each geographical region.

Payment terms: annual instalments are allowed.

Spectrum caps and holdings, spectrum reserve for new entrants

Intra-band spectrum cap (i.e. for 24.25-26.5 GHz band): 400 MHz.

Inter-band spectrum cap (i.e. for 24.25-26.5 and 26.5-27.5 GHz bands): 800 MHz.

Three lots (two national lots and one lot to be assigned on a regional level) are reserved for existing Wireless Local Loop (WLL) operators in the 24.25-26.5 GHz band.

Eligibility and/or exclusion criteria if appropriate (in connection with Article 48(4) EECC)

The criteria for participating in the auction, common to all similar procedures, will be detailed in the tender procedure and may include, inter alia, the technical and commercial suitability of the subjects for the use of the frequencies concerned and the provision of the related services. Participation is to be guaranteed by a suitable deposit fixed in the tender notice.

Timeframe of the process

To be determined. The public consultation started on 27th January and ended on 13th March

Decision on the award of spectrum

Auction procedures for awarding the rights of use of the 24.25-26.5 GHz band are expected to be carried out in 2026 before the expiring date of existing WLL rights of use (31st December 2026).
Before the tender, the current WLL licensees can apply for a short extension period (1 year as in the current proposal in consultation) if needed for finalising the ongoing phase-out of their active WLL systems. A reshuffling plan is foreseen to accommodate the WLL blocks whose use will be extended into the minimum contiguous band.
Based on the number of applications for such extension, some TDD lots will be overlapped with existing WLL blocks; in this case, such TDD lots are assigned with the new procedure, but they can be used starting from the end of the extension

period. This will avoid coexistence issues among new 5G TDD networks and legacy WLL FDD systems.
The reserved lots (in any case not overlapped with WLL blocks (thanks to the reshuffling plan) can be used by the assignee operators starting from 1st January 2027. The other lots (overlapped with WLL blocks) can be used at the latest starting from 1st January 2028, i.e. at the end of the 1-year extension period for WLL applications (with the current proposal in consultation).

2. Licence conditions

Technology (incl. technical conditions, and coordination requirements, if applicable)

Licenses are technology neutral, based on technical conditions defined in the EU applicable Decisions.
Border coordination between neighbouring countries and conditions for protection of incumbent services are based on CEPT regulation and will be detailed in the tender procedure.

Geographical extent

Whole of Italy national footprint for 5 lots.
Regional footprint for 2 lots.

Access obligations (e.g. MVNO and resellers)

Licensees must provide wholesale capacity to non TELCOs (including verticals) for the development of 5G services; licensees must also make available an Application Programming Interface (API).

Coverage obligations (e.g. the specific requirements to be met)

No

Spectrum sharing (incl. obligation to provide national roaming, if applicable)

“Club use” model: each licensee can dynamically use the awarded spectrum (up to 1 GHz) in areas where frequencies are not used by other licensees (the same model adopted in the already assigned 26.5-27.5 GHz band).
Other forms of sharing can be allowed under specific “case-by-case” authorisation by MIMIT with mandatory opinion by Agcom, according to the Italian Code.

Other obligation(s) (e.g. numbers of base station, quality of the service)

Obligations for spectrum usage; Commercial services must be launched in each Italian province within 2 years from the awarding of the rights of use.

Spectrum trading/leasing

Trading and leasing are allowed and shall be authorised by MIMIT, with mandatory AGCOM opinion, according to the Italian Code.

License duration

Reserved lots: 16 years;
Other lots: 15 years
The actual duration will be also depending on the number of requests by WLL licensees for the short extension period, and the final extension duration itself, see above;
An extension of 5 years is envisaged to ensure regulatory predictability.
Moreover, all the rights of use can be renewed for 10 years.

Annual fees

In addition to the winning bidding price, fixed fees for administrative management costs.

3. Objectives

Promotes the development of the internal market, the cross-border provision of services, as well as competition, and maximises the benefits for the consumer, and overall achieves the objectives set in Articles 3, 45, 46 and 47 of EECC Directive, as well as in Decisions No 676/2002/EC and No 243/2012/EU

- The objective of the draft measure is to promote the development of 5G technology and the provision of 5G services in line with the objectives of EU regulation. The use of 26 GHz band based on technical conditions defined in the Commission implementing Decision (EU) 2019/784, as amended by Decision (EU) 2020/590 is expected to promote development of the internal market, the cross-border provision of services, as well as competition, and to maximize the benefits for the consumer, for achieving EU objectives.

Ensures effective and efficient use of radio spectrum

- Effective and efficient use of spectrum is a basic general requirement applicable to all licenses.

Ensures stable and predictable investment conditions for existing and prospective radio spectrum users when deploying networks for the provision of electronic communications services which rely on radio spectrum

- Measures defined are expected to ensure stable and predictable investment conditions for existing and prospective radio spectrum users when deploying networks for the provision of electronic communications services which rely on radio spectrum. Reservation of some national/regional lots to

the existing WLL operators also promotes the protection of investments, a predictable condition to move towards new and more efficient technologies and a safeguard for customers in the most disadvantaged areas of the country.

IV. AUSTRIA

1. General information

Frequency band(s)

2300-2360 MHz and 2500-2690 MHz

Type of award mechanism

Auction (ESMRA).

Spectrum blocks and number of rights of use

- 2300 MHz: 2 blocks of 30 MHz each (LA1: 2300 - 2330 MHz; LA2: 2330 - 2360 MHz)
- 2600 MHz TDD: 1 block of 40 MHz (LB1: 2575 - 2615 MHz; additional 10 MHz guard band assigned to the winner)
- 2600 MHz FDD: 14 blocks of 2x5 MHz each (LC1-LC14 ranging from 2500 - 2570 MHz and 2620 - 2690 MHz)

Upfront fee conditions (reserve prices, payment terms etc.)

Reserve prices

- 2300 MHz: EUR 2,100,000 per block
- 2600 MHz TDD: EUR 4,200,000 per block
- 2600 MHz FDD: EUR 2,200,000 per block

Spectrum caps and holdings, spectrum reserve for new entrants

2600 MHz FDD: 2x30 MHz
Overall (2600 MHz FDD, 2600 MHz TDD and 2300 MHz TDD): 100 MHz for A1 and T-Mobile, 120 MHz for all other participants.

Eligibility and/or exclusion criteria if appropriate (in connection with Article 48(4) EECC)

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Timeframe of the process

2025 Q1: Consultation on award models and auction design

2025 Q3: Consultation of tender document and auction rules
2025 Q4: Publication tender document
2026 Q1/Q2: Auction

Decision on the award of spectrum

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2. Licence conditions

Technology (incl. technical conditions, and coordination requirements, if applicable)

- 2300 – 2360 MHz:
  Block edge masks according to ECC/DEC/(14)02
- 2500 – 2690 MHz:
  Commission decision (2008/477/EC) as amended by Commission implementing decision (EU) 2020/636

Geographical extent

- Austria

Access obligations (e.g. MVNO and resellers)

An MVNO obligation consulted upon is still under discussion and not yet decided. The obligation stipulates that MNOs must offer existing wholesale partners on their network 5G stand alone (SA) and Voice over New Radio (VoNR) as soon as the network is predominantly used for 5G SA and 4G or 5G NSA no longer are sufficient alternatives to 5G SA and VoNR.
Furthermore, the obligation stipulates that in the event of a shift of the supply to almost pure flat-rate tariffs at the retail level, existing MVNOs must also have access to such tariff models at the wholesale level.
Both requirements are intended as a safety net for long-term developments. The reason is that there have been problems in the past with including new technologies such as Voice over LTE and 5G in existing MVNO wholesale contracts.

Coverage obligations (e.g. the specific requirements to be met)

As proposed in the consulted draft: Depending on quantity of spectrum assigned and the date, existing operators must deploy the frequencies at a minimum number of base stations:
• 2300 MHz and 2600 MHz TDD: (figures as in the common reporting format doc)

	Number of base stations/locations required to be deployed		
Spectrum awarded	31.12.2029	31.12.2032	31.12.2036
1 block in 2300 MHz	330	660	1000
2 blocks in 2300 MHz	400	800	1200
1 block in 2600 MHz TDD	370	740	1100

- 2600 MHz FDD:

	Number of base stations/locations required to be deployed		
Spectrum awarded	31.12.2029	31.12.2032	31.12.2036
2x10 MHz	1250	1250	1250
2x15/2x20 /2x25 MHz	1400	1600	2000
2x30 MHz	2000	2500	3000

The tender consultation document contains details of relaxed coverage obligations for new operators and also a definition of a location/base station for the coverage requirements.

Spectrum sharing (incl. obligation to provide national roaming, if applicable)

No spectrum sharing obligations

Other obligation(s) (e.g.-numbers of base station, quality of the service)

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Spectrum trading/leasing

Allowed according to § 20 Austrian Telecommunications Act

License duration

Usage rights to the frequency blocks in the 2300 MHz range will be assigned based on existing usage rights in this range from 1 January 2027 to 31 December 2050. Usage rights to the frequency blocks in the 2600 MHz range will also be assigned from 1 January 2027. As regards the expiry of the usage rights, a renewal model will be specified that incentivises the efficient use of spectrum. In the case of migration to TDD, this model will grant rights holders an additional amortisation period for replacing their base stations (31.12.2055 maximum with successful migration to TDD).

Annual fees

2300 MHz: max. 135,000€/10 MHz block

2600 MHz FDD: max. 42,000€/ 2x5 MHz Block
2600 TDD: max. 21,000€/5 MHz

3. Objectives

Promotes the development of the internal market, the cross-border provision of services, as well as competition, and maximises the benefits for the consumer, and overall achieves the objectives set in Articles 3, 45, 46 and 47

of EECC Directive, as well as in Decisions No 676/2002/EC and No 243/2012/EU

After the award of spectrum in the 3410-3800 MHz range in 2019 the Multiband auction 2020 (700, 1500 and 2100 MHz) and 26 GHz in 2024, the award of 2300 and 2600 MHz range is a further contribution to the 5G expansion in Austria. The basis of every award is initially the specification of award objectives (on the basis of legal provisions). The regulatory authority determines in addition to the points legal certainty, ensuring/promoting effective competition and promoting coverage, in particular the efficient use of spectrum and the promotion of innovation and business development as the focus of the award. The frequencies to be awarded are categorised as capacity spectrum, which is deployed in particular in regions with high levels of traffic. Assigning frequencies based on demand and thus on economic efficiency is a fundamental goal of the award. Maximizing the revenue is explicitly not an award objective, nor actively promoting a newcomer.

Ensures effective and efficient use of radio spectrum

- Spectrum is awarded by means of a market based procedure to ensure an efficient allocation
- Build-out requirements and coverage obligations
- Simultaneous award of two valuable capacity bands which allows operators to acquire sufficient spectrum
- Sharing framework (passive and active sharing)

Ensures stable and predictable investment conditions for existing and prospective radio spectrum users when deploying networks for the provision of electronic communications services which rely on radio spectrum

- License duration of up to 29 years including a renewal model in case of a TDD migration of the FDD part of the 2.6GHz band:
- Award of two mid bands which allows operators to acquire sufficient spectrum
- Moderate reserve prices (50% of the lower bound of the estimated market value of the spectrum)
- Sharing framework
- Legal certainty