

# Communications Commission

## 5G in Georgia



# National Broadband Strategy

## Targets 20205

- Every HH to have access to 100 mb/ps
- Every entity to have access to 1 gb/ps
- 5G pilots in at least 3 municipalities
- 99% of territory covered by 4G

# ComCom - 5G

## strategy

Strategy document covers following topics:

- 5G Spectrum availability
  - 5G Spectrum pricing
    - Legal framework
      - Obligations
        - Cross-border Coordination RSA
          - Auction

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## strategy

- 5G Spectrum availability

- 700 MHz
- 3.4-3.6 MHz & part of 3.6-3.8 MHz

Frequency band, MHz	Amount of spectrum, MHz
700	60
3400 - 3600	200
3600-3800	fully available in 2025

- 5G Spectrum pricing

- Reserve prices have been calculated for the following bands:
  - 700 MHz, 800 MHz, 3400-3800 MHz
  - 1400 MHz, 1800 MHz, 2100 MHz, 2600 MHz,

Frequency band, MHz	Spectrum price GEL (Thousand/1 MHz)
700	363
800	741
3400-3800	52

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strategy

- Cross-border Coordination RSA (Regional Spectrum Agreement)

Frequency range <sup>2</sup>	Uplink	Downlink
FDD 700 MHz	703-733 MHz	758-788 MHz
TDD 3500 MHz	3400-3600 MHz	
TDD 3700 MHz	3600-3800 MHz	

The communications administrations agree to follow individual national implementation plans, while endeavoring to meet common deadlines set in the EU decisions referenced in Article 2 of the Agreement.

The national implementation plans will take into account the preparatory work already into place in each Eastern Partnership country, relevant technical recommendations and decisions with respect to countries' internationally recognized borders, sovereign interests and rights.

Frequency range	Corresponding regulation
FDD 700 MHz	Commission Implementing Decision (EU) 2016/687 ECC Recommendation (15)01
TDD 3500 MHz	Commission Implementing Decision (EU) 2019/235 ECC Recommendation (15)01
TDD 3700 MHz	

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## strategy

- Legal framework
  - Constraints on rights of use (auction/beauty contest)
  - Rights of use for testing/testbed purposes
- Obligations – with view of 5G corridors implementation
  - 3 municipalities
  - Main roads
  - Railway
  - Airports
  - Additional obligations under consideration

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strategy

- Auction
  - Was planned for the first half of 2020
  - Planned for the first half 2021
  - Multiband auction:
    - 700 MHz; 800 MHz; 3400-3800 MHz

# Q & A

