

MINISTRY OF SCIENCE AND TECHNOLOGY  
AUTHORITY OF RADIO FREQUENCY MANAGEMENT

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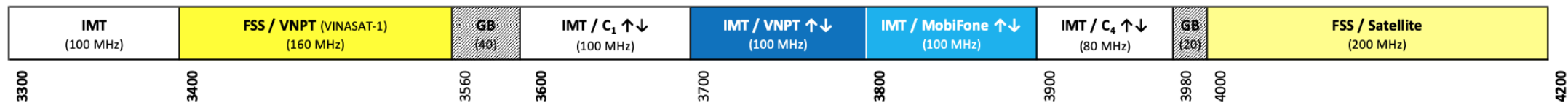
# SPECTRUM POLICY IN VIETNAM

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DUBAI, 11/2025

# IMT-2020/5G SPECTRUM



Spectrum Allocation (3300-4200 MHz)



## C-band Expansion

Adding **160 MHz** (3400-3560 MHz)



## Timeline

After Vinasat-1 stops (expected **2028**)



## Total Spectrum

**580 MHz** continuous (3400-3980 MHz)



## Current

**380 MHz** already planned for IMT

# IMT-2030/6G SPECTRUM

## 6 GHz Band

### + Upper Band Expansion

Adding up to **700 MHz** of upper 6 GHz band

### ≡ Frequency Range

**6425-7125 MHz** designated for IMT

### ⚖ Decision Process

Ministry of Science & Technology to balance WiFi and IMT needs



## 📶 600 MHz Band

### 📋 Designation

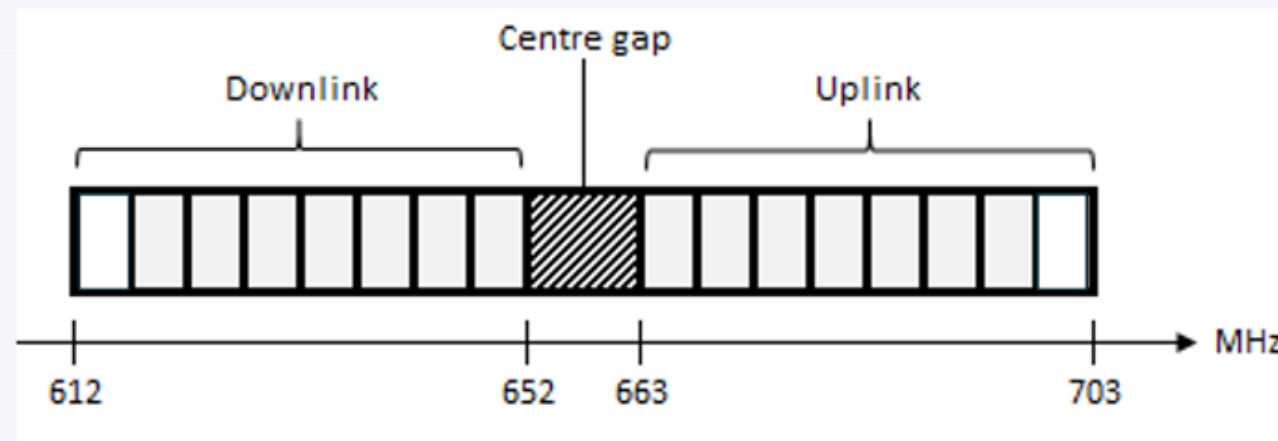
**600 MHz band** allocated for IMT mobile systems

### ⬆️ Transition Requirement

After completing digital terrestrial TV transition below 600 MHz

### 📊 Band Plan

Harmonized FDD Arrangement (612-703 MHz)



Harmonized FDD Arrangement of 612-703 MHz band (APT 600 MHz band plan)

# SATELLITE FREQUENCY & POLICY



## Ka-band Allocation

Designated for geostationary satellites

**17.7-21.2 GHz**

Downlink

**27.5-30 GHz**

Uplink



## Ku-band Usage

Designated for **non-geostationary** satellites



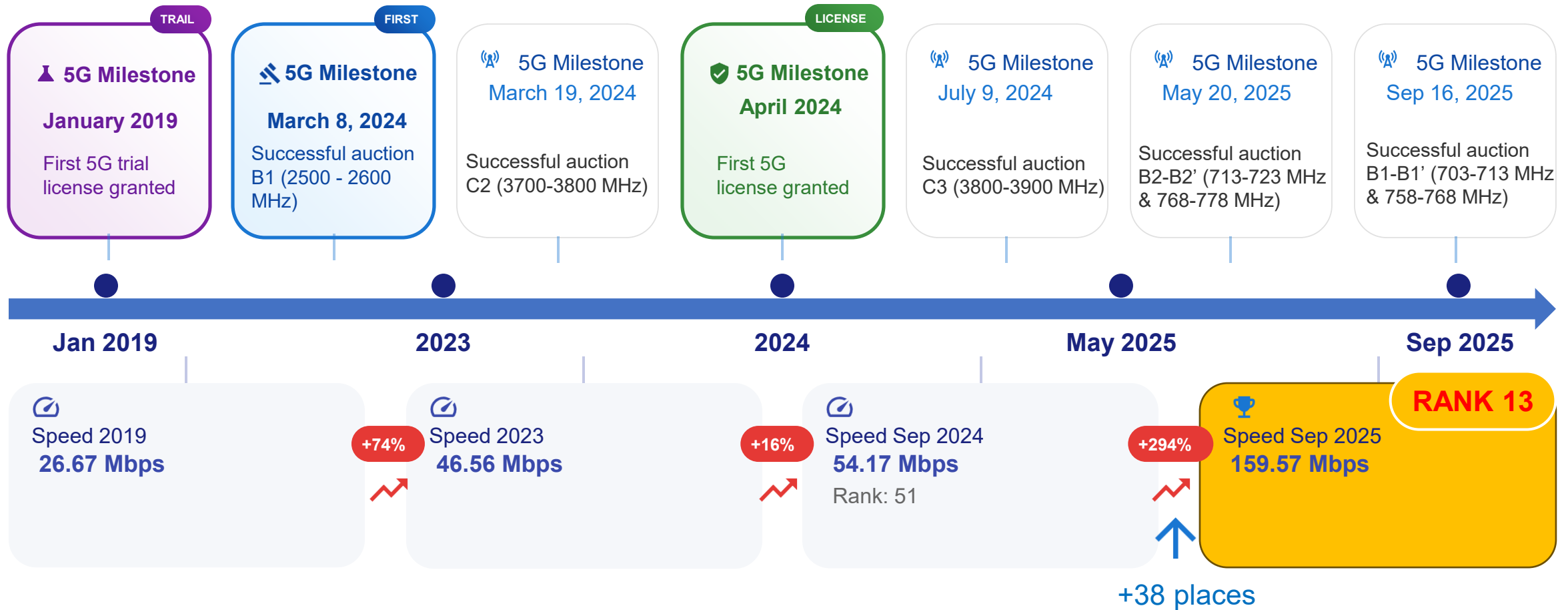
## LEO Satellite Policy

**100% foreign-owned enterprises** allowed to provide satellite services



Starlink approved for pilot program

# VIETNAM's Remarkable 5G Success and MOBILE INTERNET SPEED "QUANTUM LEAP"



# AFFORDABLE SPECTRUM COSTS

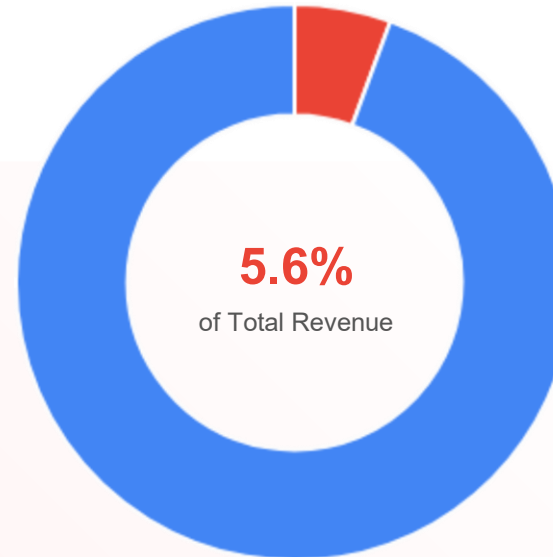
## ↘ Impact of Spectrum Costs

- 1 Spectrum costs **exceeding 10%** → reduced network investment → degraded service quality
- 2 Spectrum costs **below 5%** → continued strong investment → improved service quality
- 3 Best quality mobile networks are in countries with spectrum costs below 5% of revenue

## 💡 Vietnam's Pricing Policy Lessons

- 1 Vietnam adjusted starting price policy, significantly reducing it to ensure moderate spectrum costs
- 2 After auctions, spectrum costs for Vietnamese operators are approximately **6% or lower** of annual revenue

## 📊 Vietnam Market Spectrum Cost Update (Sep 2025)



# FINANCIAL SUPPORT FOR FAST 5G DEPLOYMENT

## Vietnam's Financial Incentive Policies

Vietnam has introduced financial incentive policies to encourage network operators to deploy quickly

## Resolution 193

According to Resolution 193 passed by the National Assembly, operators deploying more than **20,000 new gNodeB stations** in 2025 will be "rewarded" equivalent to **15% of equipment purchase costs**

## Significance

This policy has strongly encouraged operators to expand 5G networks quickly after winning auctions

Contributing to Vietnam's impressive ranking in the global mobile broadband rankings

## Expected Targets by End of 2025

### 5G Infrastructure

Deploy 5G stations reaching 50% of 4G stations

### 5G Coverage

5G network coverage for 90% of the population

THANK YOU!

