



สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์
และกิจการโทรคมนาคมแห่งชาติ

The National Broadcasting and Telecommunications
Commission

Thailand 700 MHz implementation: Opportunities & Challenges

Bangkok, Thailand

17 July 2018

Spectrum Management Bureau

Outline



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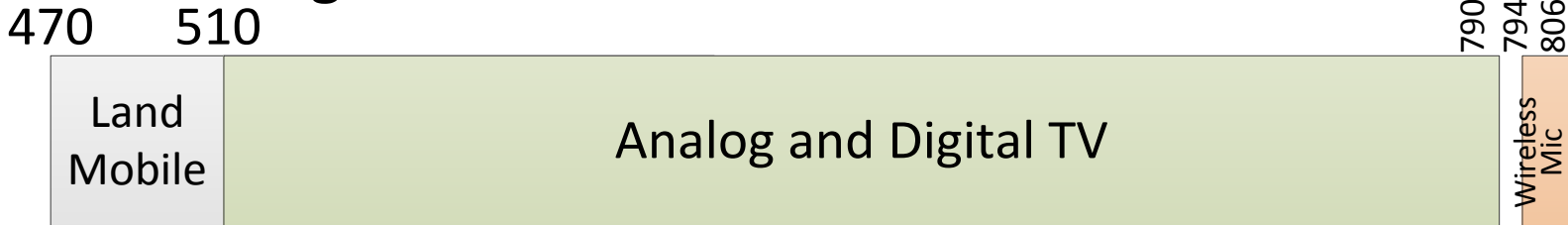
The National Broadcasting and Telecommunications Commission

- Current status for 700 MHz & Tentative plan
- Crucial activities
- Opportunities & Challenges
- Conclusion

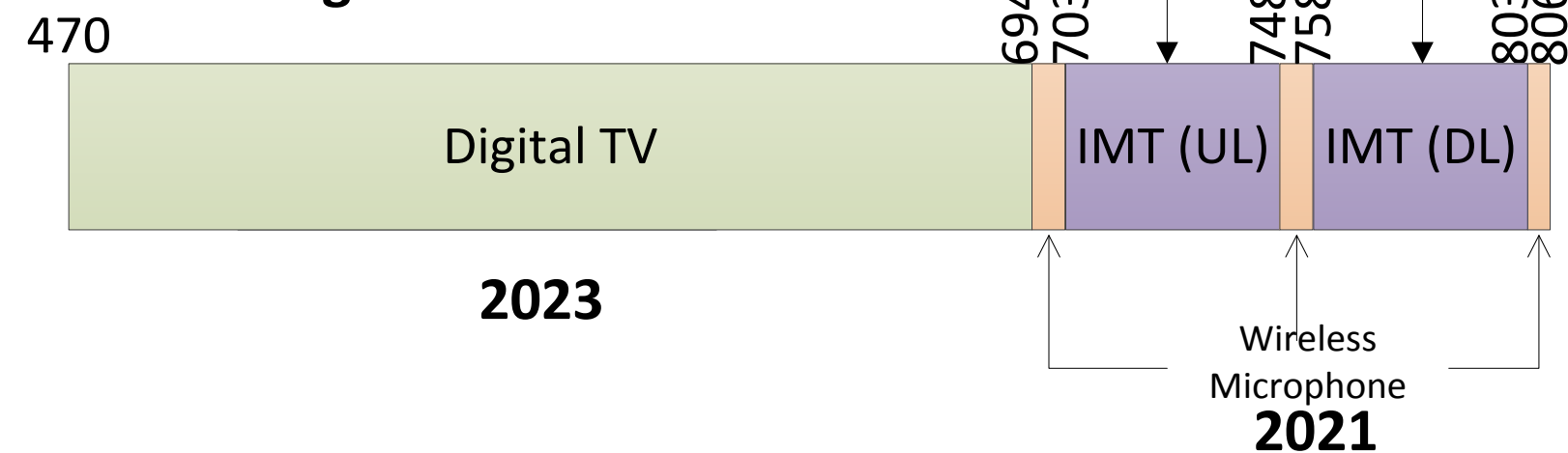
Implementation of APT700 band plan



Current Usage - 2018



Planned Usage





Crucial activities-1

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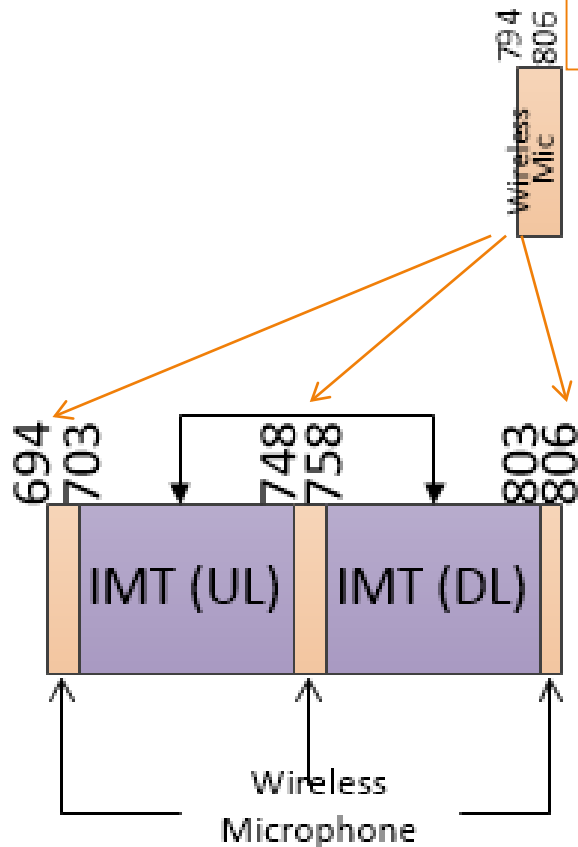
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- Wireless Microphone re-location from 794-806 MHz to 694-703, 748-758, 803-806 MHz
- Land Mobile Service re-location from 470-510 MHz to 430-450 MHz or 380-399.9 MHz
- Analog Switch-Off
- Revising DTV plan from 510-790 MHz to 470-694 MHz
- Migration of DTV

Opportunities & Challenges-1



Wireless Microphone re-location



2023

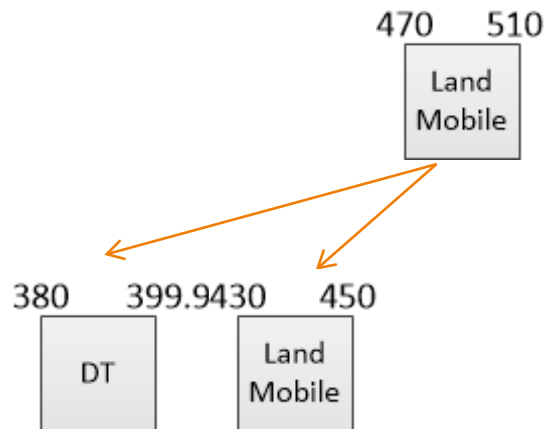


Q1-2021

Opportunities & Challenges-2



Land Mobile Service re-location



2020



Q2-2019

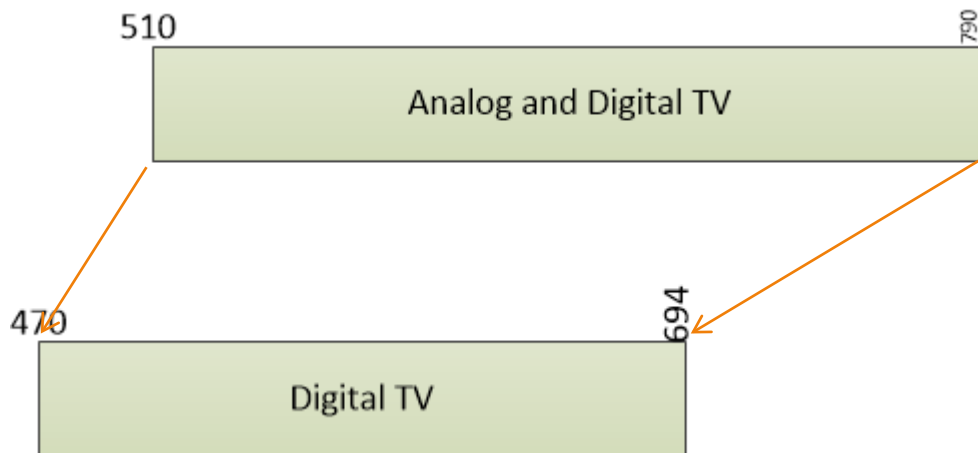
Opportunities & Challenges-3



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ASO / new DTV plan



2020/2023



2019/2020



Crucial activities-2

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- Valuation of IMT-700 MHz
- New IMT700 MHz Frequency Plan
- IMT 700 Auction regulation
- IMT 700 Implementation

2023



Q1-2021

Conclusion



- Encourage closely coordination between stakeholders (Wireless Microphone, Conventional Mobile, Trunked Radio, DTV, and IMT)
- Strong cooperation and harmonization among neighboring countries is a key success



Thank you

**Spectrum Management Bureau
Office of the National Broadcasting and
Telecommunications Commission (NBTC)
Tel. 0 2 670 8888 ext. 4133
Email: spectrum@nbtc.go.th**

