



GLOBAL
SUMMIT
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RIO DE JANEIRO • BRAZIL
DSA
COMISSÃO FEDERAL DE REGULAÇÃO

MEXICO'S SPECTRUM MANAGEMENT

RICARDO CASTAÑEDA

Spectrum Unit

March 2023

CURRENT IMT LICENSED SPECTRUM

Licensed to 3 nationwide operators

Band	MHz
700 MHz (703-748 / 758-803)	90
800 MHz (814-824 / 859-869)	14.21
850 MHz (824-849 / 869-894)	43.25
AWS-1 (1710-1755 / 2110-2155)	108.99
AWS-3 (1755-1780 / 2155-2180)	20
PCS (1850-1915 / 1930-1995)	59.81
2.5 GHz (2500-2570/2620-2690; 2570-2620)	140
3.5 GHz (3350-3600)	150
Total	626.26

[*) Amount of MHz are weighted by coverage of each license

ADDITIONAL IMT SPECTRUM IDENTIFICATION

Low, mid and upper Bands

Band	Possible future IMT identification & assignments (MHz)
600 MHz ⁽¹⁾	70
L (1427-1517 MHz) ⁽¹⁾	90
2.3 GHz	100
3.3 (3.3 – 3.4 GHz) ⁽¹⁾	50
3.5 (3.4 – 3.6 GHz)	100
3.6 -3.8 GHz*	200
7.025-7.125 GHz ⁽²⁾	100
10-10.5 GHz ⁽²⁾	500
26 GHz	2850
42 GHz	1500
Total	1240

⁽¹⁾ Band under consideration for IFT-12 Auction

⁽²⁾ Band subject to WRC-23 decisions

NEXT AUCTION: IFT-12

IMT SPECTRUM FEASIBLE TO BE AUCTIONED(*)

Band	MHz	Availability
600 MHz (663-698 / 617-652 MHz)	70	National
800 MHz (814-824 / 859-869)	20	Sub-regional
850 MHz (824-849 / 869-894)	20	Sub-regional
L band (1427-1517 MHz)	90	National
AWS (1755-1760 / 2155-2160)	20	National
PCS (1850-1915 / 1930-1995)	80	National/sub Regional
2.5 GHz (2550-2570/2670-2690)	40	National
3.3 GHz (3300-3350)	50	TBD

MILESTONES

STAGE	DATE
Public Consultation to gather information	January – March '23
Auction Rule's Public Consultation	July '23 (planned)
Launch of Auction Process	Q3 '23 (estimated)
Granting of licences	Q4 '24 (estimated)

(*) Bands and MHz amount may change

UNLICENSED SPECTRUM STATUS

Suitable for RLAN Technologies

Band	MHz allotted
2400 - 2483.5 MHz	83.5
5150 - 5250 MHz	100
5250 - 5350 MHz	100
5470 - 5600 MHz	130
5650 - 5725 MHz	75
5725 - 5850 MHz	125
5925 - 6425 MHz	500

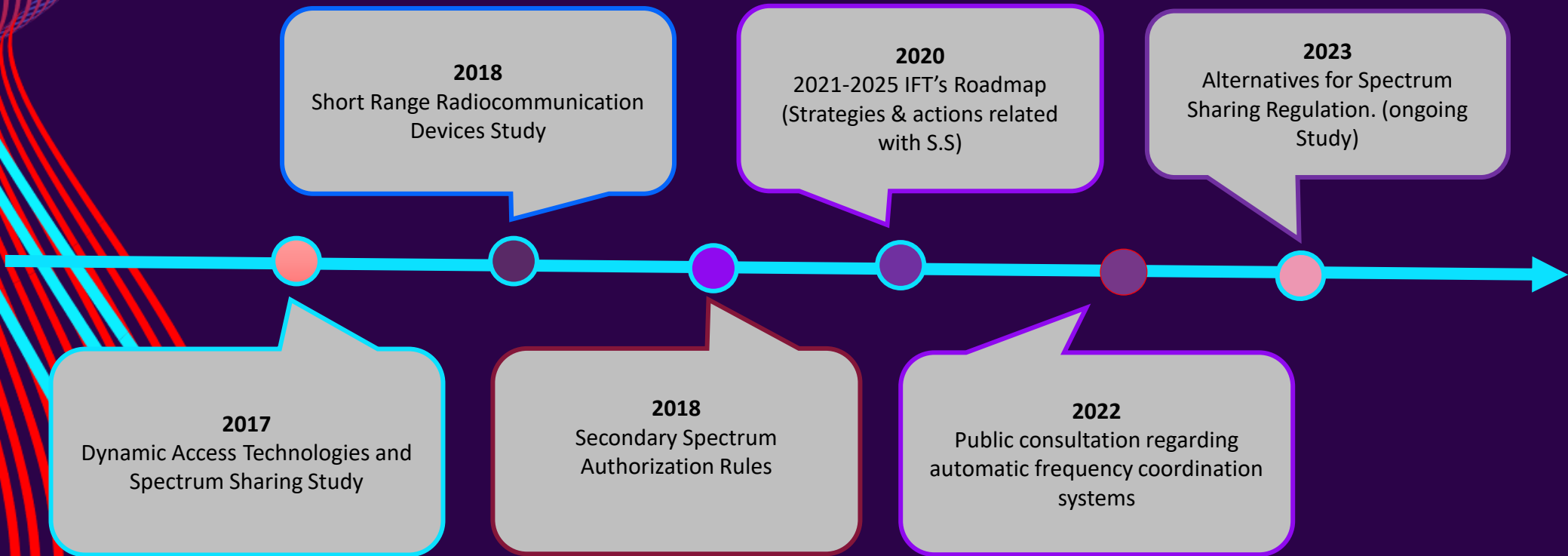
6 GHz Band for unlicensed RLANs

1. Rules published in the Official Gazette in March 3rd 2023
2. Main Characteristics:
 - 500 MHz of spectrum available
 - Low power devices only for indoor use (1W IERP for AP's & 0.25 W EIRP for client devices)
 - Very low power devices for indoor & outdoor use (25 mW EIRP)

Does not exclude the future possibility that the IFT determines to expand the classification unlicensed spectrum in upper portions of the 5925-7125 MHz band.

IFT'S ACTIVITIES ON SPECTRUM SHARING

ACTIONS TO IMPROVE SPECTRUM EFFICIENCY



FOSTERING COOPERATIVE REGULATION

STAKEHOLDERS PARTICIPATION IS KEY TO IMPROVE SPECTRUM
MANAGEMENT

Spectrum Technical Committee (CTER)

- Collaboration to shape WRC national & regional positions
- Topics related with spectrum planning for all radiocommunication services

5G Committee

- Recommendations to IFT to accelerate deployment & adoption of 5G Technologies
- 6 Thematic Workgroups

Small Operators Committee (soon)

- Address specific regulatory needs of small operators
- Foster development of new small service providers


THANK YOU



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