



Update on DAB+ in the Middle East and North Africa

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The Progress of DAB+ audio broadcasting in the Arab region

DAB+ in the Arab States



ASBU
Arab States Broadcasting Union
الالاتحاد العربي للبث الإذاعي

**Arab States
Broadcasting
Union
recommends
DAB+**



ASBU ACTIONS

- **ASBU has recommended to all concerned bodies and parties, such as the Arab Spectrum Management Group: ASMG,**
- **to integrate the specifications of terrestrial digital audio broadcasting (DAB+) in all car receivers in the Arab region,**
- **starting from the year 2020.**
- **The necessary specifications have also been developed to integrate the Arabic language profile into receivers.**

DAB+ audio broadcasting in the Arab region situation



Saudi Arabia :

- **Project, starting from January 2021,**
- **Automotive Radio receivers are required to include DAB+ by 2024**
- **Pilot project launched in Alriadh, Aldammam, Jeddah (5kW transmitters)**
- **6 other cities are following**

UAE :

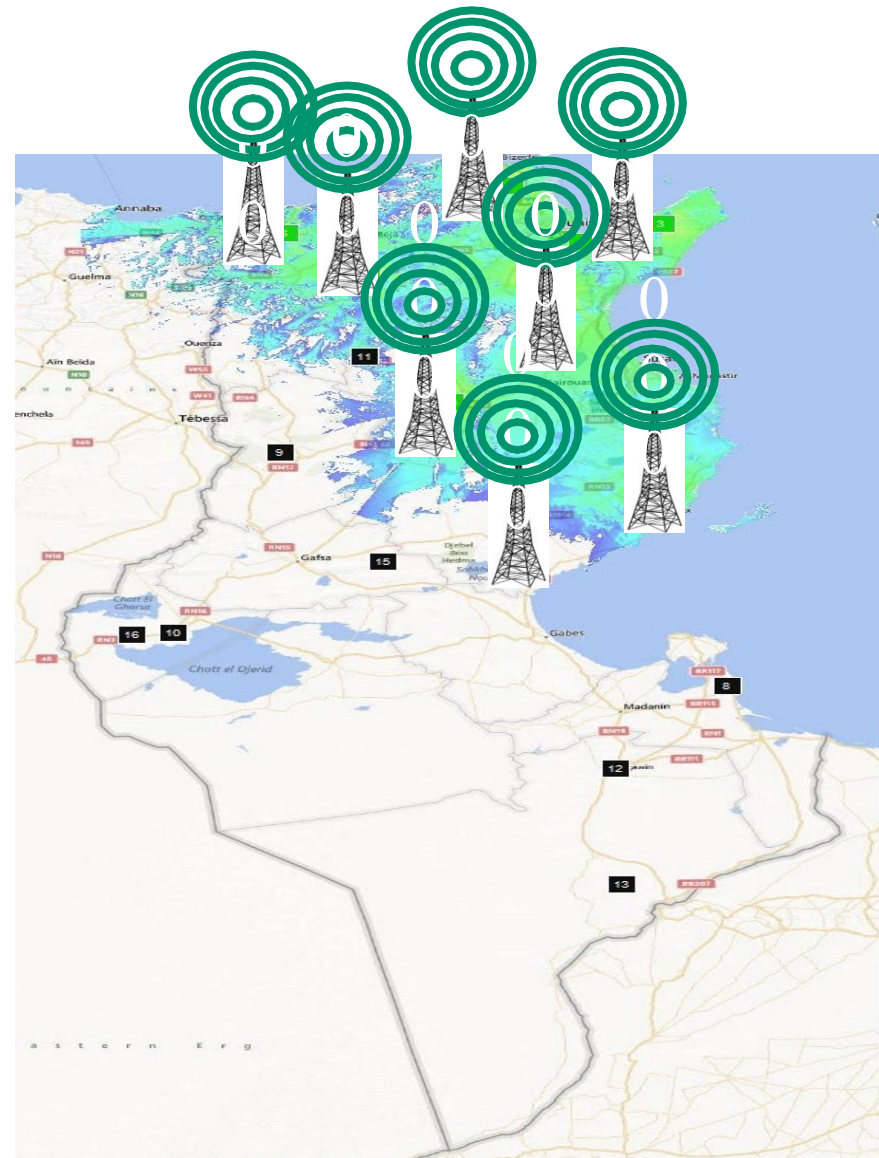
- **Trial since 2014**
- **DAB+ receiver specifications published**
- **Pilot project starts from Abu Dhabi since April 2024 and Dubai by September 2024 (bouquet of 8 radio channels)**
- **ALL new cars are equipped with DAB+ receivers by 2024**

Oman :

- **Trial launched 2019**
- **Automotive Radio receivers are required to include DAB+ by 2025**
- **Pilot project with 6 sites is planned for 2024**
- **Many steps to reach global digitization of radio Network (73 sites)**

Tunisia :

- **Regular DAB+ services launched since 2019**
- **75% population coverage reached**
- **Multiplex of 18 radio stations on air**
- **Regulation of Automotive market is still ongoing**



Algeria :

- **Trial launched in 2018 and ongoing**
- **68% population coverage of Algiers**
- **Planning underway to extend DAB+ coverage**

Bahrain :

- **Trial since 2016, 4 Services ,**
- **60% population coverage**

Qatar :

- **Trial on air launched July 2019**
- **10 DAB+ services on air**

Jordan :

- **Trial in 2017 with 5 DAB+ services**

Radio receivers for the Arab region

- The Technical Committee of ASBU put forward the specifications of the DAB+ receivers and approved it since 2018.**
- ASBU recommends the members to apply these specifications in automotive since 2020.**

The specifications which is approved by ASBU meet the European requirements that corresponds to Standards :

- ETSI TS 103 461 and**
- ETSI TS 103 176**
- And Have the criteria to use the Arabic text profile**
- Provide an AM reception**
- Provide an FM reception**

MAIN QUESTIONS FROM ARAB BROADCASTERS

- **Regulatory Framework: which best model to implement?**
- **Cooperation between stakeholders: broadcasters, Multiplex Operator, frequency regulation authority: best model?**
- **Public and private broadcasters in the same Multiplex: how to manage?**

THANKS
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