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Japan working group

- September 2022

1. Member of Japan Working Group
2. Market trend in Japan
3. Status of the meeting with working group under the MIC.
   i. RF channel for the classic DECT in Japan will be increased from April 2023
   ii. About DECT-2020 NR in Japan

Member of Japan Working Group

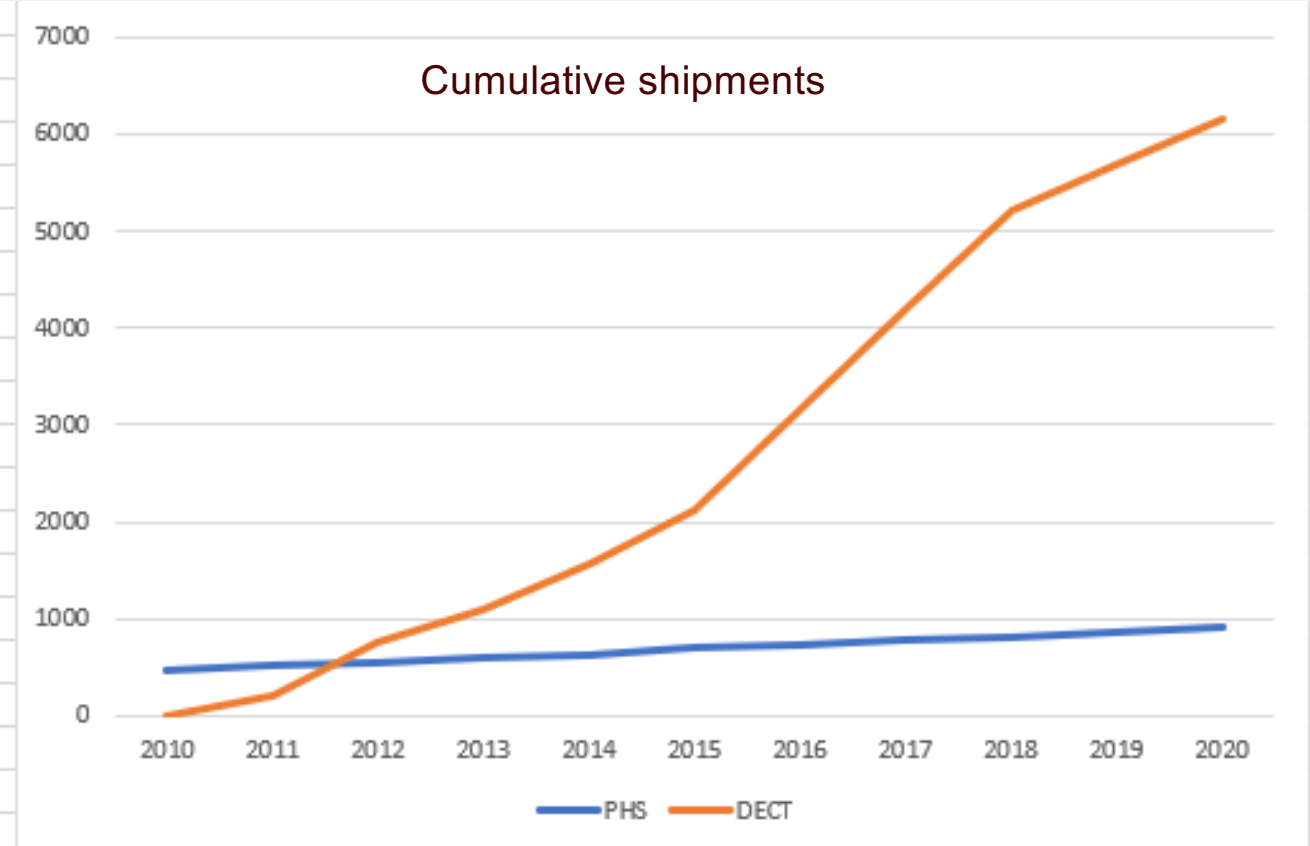
- Full Member
  - Panasonic
  - NEC
  - Shure
  - Renesas (Dialog)

- Associate member
  - Audio-technica

Market trend

X10k unit

This data was updated by the MIC on 2022



- DECT product shipments 5M ~ 10M every year
- Below DECT products are sill increasing in Japan.
  - Door phone,
  - Microphone,
  - Headset / headphone
  - and so on

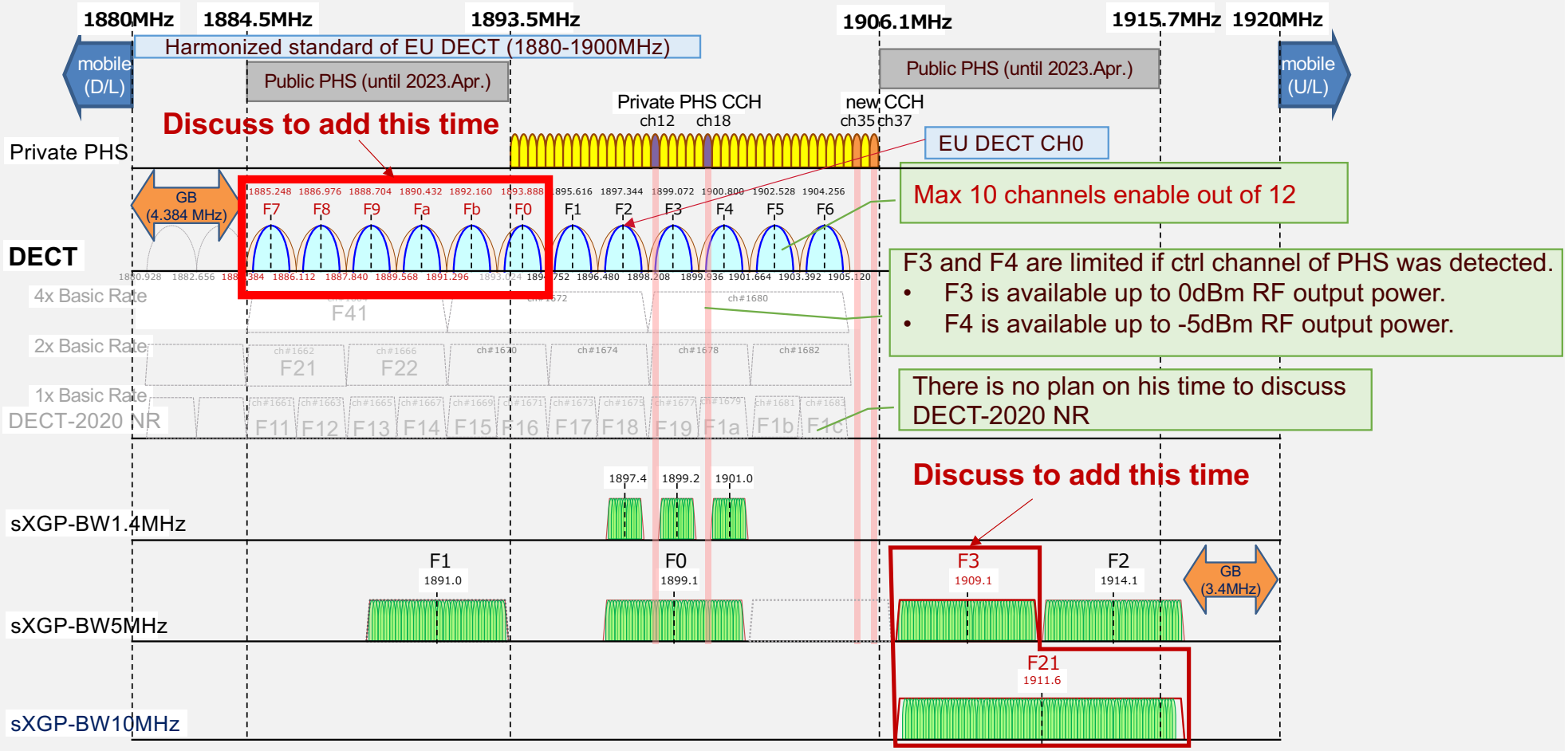
- PBX system will apply DECT system from PHS.

Status of the meeting

- The meeting under the MIC is ongoing to discuss frequency reallocation.
- This frequency band is available for the PHS public system which is terminated by end of March 2023.
- Milestone of the meeting.
  - The meeting result will be fixed on October and regulation will be fixed by end of this year.
  - Updated test spec from TELEC is also discussed and fixed by end of March 2023.
  - New product which is applied new frequency allocation will be available from April.
  - New ARIB standard will be available around June 2023.

- Candidate RF system is DECT and sXGP

Proposed Frequency Allocation Plan



DECT-2020 NR discussion with MIC

- This time frequency band for the DECT-2020 NR will be not specified.
- We (JWG) explained and introduced about DECT-2020 NR but we do not have any plan to discuss its specification including frequency band for Japan market.

This reason is that:
we need to explain to the MIC about below points to kick off the working group for DECT-2020 NR.

- When the products will be available in Japan, and its market size and trend of the market glowing.
- These products will be also tested at the LAB in EU, and then when these LAB can accept for the type approval test for Japan market.
- Estimation of spurious emission is required to coexisting with other system for example classic DECT. And then detail specification and measurement data will be required.

That's why JWG is expecting that the developing company for DECT-2020 NR system/devices joins to JWG to establish specification in Japan.

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