DECT World 2026

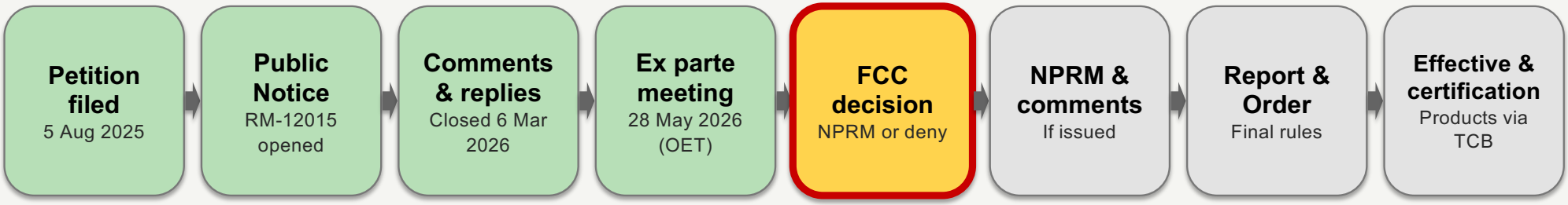
Regional update – US, India and Japan

FCC RM-12015: DECT-2020 NR (NR+) in the US UPCS band

- DECT Forum filed a Petition for Rulemaking on 5 Aug 2025 to align UPCS rules with Europe.
- Comment cycle closed 6 Mar 2026. No opposition.
- DECT Forum ex parte meeting with FCC's Office of Engineering and Technology on 28 May 2026 asked the FCC to issue an NPRM.
- **Now: build momentum by bringing NR+ stakeholders to the FCC.**

- Requested changes:
  - OFDM peak-power measurement (§15.319(c))
  - emission bandwidth max 2.5 MHz → max 3.5 MHz (§15.323(a))
  - ETSI EN 301 406-2 access rules replace §15.323(c),(e) for NR+ equipment
- Note:
  - First NR+ products under existing ruling are already in the US market.

Next Step



India

- DECT Forum sees India as a market with enormous potential
- All of the target application areas can be served but Smart Metering is the largest opportunity
- A plan has been created to get DECT NR+ established in India, comprising three steps:
  - Transposition of the ETSI standard to become a local Indian standard (by TSDSI) - completed
  - Formal acceptance of the standard by the Technical Engineering Centre of the Department of Telecommunications (TEC/DoT)
  - Allocation of (a) frequency band(s) through the Wireless Planning Committee (WPC)

- DECT Forum intends to engage a local consultant to take responsibility for the activities and to head a team of representatives from member companies

- Support from the member community is essential to build a ‘business case’ and for funding these activities

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Status in Japan 2026

Competition in Japan today: ISM band 920Mhz used today by many protocol's, LoRa, SigFox, Wi-Sun, Wireless Mbus, RFID systems, Zeta, Sony's Eltres and many others with very strict "Time-on-Air" restrictions and very crowded.

Value of DECT NR+: more "Open" frequency that has gone through due diligence for technical "compatibility" and minimal interference with existing users. Also technical aspects of DECT NR+ itself are far superior to technologies in use today

Challenge from Japan Regulatory body: If approved, with this band be properly utilized in Japan. Need to show market needs and feasibility WW and how Japan will benefit from this technology if adopted.

Goal for 2026: gather and formalize the Japanese Customer/Companies request to enable their use of this technology in their specific areas of expertise in Japan.

Focus for 2026: Promote the technology potential to Japanese customers and get their support to make our request to MIC/TELEC to approve usage. Support= allow us to use their company names as potential technology users that see actual use cases that can be addressed better with DECT NR+ technology. We are not requiring them to join the forum at this point but use of the technology future will be according to forum protocols and requirements. Presently 4 companies over the last year have actually evaluated the technology. Over 17 more companies have shown intense interest and see applicable value to their specific businesses. We are close to a point where "compelling needs" from Japanese companies and future users can be show to MIC/TELEC.

Next page gives an overview of the market areas these companies participate in today and where they would be applying DECT NR+ technology.

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Applications Areas and focus of interest

Industrial IoT



Factories, Warehouses & Smart buildings

Asset tracking

- “O” Smart Sensors network
- “R” Sensor/Detector network
- “T” Building equipment
- “T” Industrial equipment
- “N” factory automation
- “K” Industrial eguipment
- “O” Industrial equipment
- “E” Industiral Gateways

Smart Metering



Electric, Gas & Water metering

- “O” Smart metering

Over 8 more companies as potential customers

Smart City



Smart street lighting, Parking

Traffic management & Smart Medical/Hospitals

- “T” medical equipment
- “F” Infrastructure Monitoring equipment
- “H” Intrerest for Smart city
- “B” Smart Cities
- “A” Smart Buildings

Professional Audio



Large arenas, Stadiums & Public Events

High bitrates (for the same density) up to 24-bit prof. quality audio

- “S” Consumer Electronics
- “P” Professional Audio
- “T” Professional Audio

Note: Specific Customer Names have been abbreviated due to confidentiality requirements and represent varying degrees of interest from casual to interest to specifically apply the technology