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| Project Team FM PT 52 | | | FM52(14)36 | |
| 9th Meeting, 9-12 September 2014 | |  | |
| Amersfoort, the Netherlands | |  | |
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| Date issued: | 02 September 2014 | | |
| Source: | ECO | | |
| Subject: | Update of the responses to the questionnaire on current and future usage of the band 2.3-2.4 GHz | | |
| Group membership required to read? (Y/N): N | | | |
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| Summary: This document provides the responses to the call for update of the responses from CEPT administrations to the questionnaire on current and future usage of the band 2.3-2.4 GHz. | | | | |
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| Proposal: FM 52 is invited to consider the information contained in this document in its work related to Task 2 of the EC Mandate. | | | | |
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| Background:  Task 2.1 of the EC Mandate requests:  *2.1 For each of the relevant incumbent services/applications in the Member States*  *including military use, PMSE, fixed links, and radio amateur services: (i) assess*  *the deployment assumptions and the operational footprint and (ii) take stock of the*  *situation and future plans in the Member States regarding the application of the*  *LSA concept to enable the deployment of WBB.* | | | | |
| In 2012, WG FM has issued a questionnaire to CEPT administrations on **the current and future usage of frequency band 2300-2400 MHz**. The responses are provided in document FM(12)017Rev1 (available as annex).  At its 8th meeting FM 52 agreed to invite administrations to update, if appropriate, their responses to the FM questionnaire regarding the current use and their future plans for the band.  Administrations are still invited to submit their update as appropriate. | | | | |

A call for information was sent to the FM52 email reflector on the 3rd of July 2014 on the following items :

* **Item 1:** In relation to task 2.1 (see the EC Mandate as attached for details), CEPT administrations are invited **to review and update, if appropriate, the information submitted in response to the WGFM questionnaire developed in 2012 on the 2.3-2.4 GHz band** (see the responses submitted in 2012 as attached in document FM(12)017R1). Responses to **question 1** are expected to help FM52 in assessing the *deployment assumptions and the operational footprint* of the incumbent use while responses to **question 2** may provide helpful information in relation to *the situation and future plans* in the Member States regarding the application of the LSA concept to enable the deployment of WBB.
* **Item 2**: In relation to task 2.2, FM52 would welcome **any information on studies (including either theoretical analysis or practical experimentation) on the sharing opportunities between wireless broadband and incumbent use in the 2.3-2.4 GHz band considering LSA**. This would help us in running, as agreed during our 7th meeting, case studies for each of the relevant incumbent service.

5 responses have been received so far from CEPT administrations. Administrations are still invited to submit their update as appropriate.

**1 Denmark**

**Item 1:**  There has been no change to the plans for this frequency band in Denmark. The PMSE users in this band (wireless video and audio links) have started using the new frequency bands which has been assigned for this purpose to replace 2300-2400 MHz: 2025-2110 MHz and 2200-2290 MHz.

The secondary allocation for amateur services which was not mentioned in the original answer to the questionnaire will expire by the end of 2015.

**Item 2**: Denmark has no intention to introduce LSA in this band. It is the intension that the current users shall move to other frequency bands which has been made available.

**2 Sweden**

The answer we gave in response to the WGFM questionnaire developed in 2012 is still valid.

However, there is some scientific and military usage within certain areas in Sweden and our assessment is that the current usage can continue even if the band is assigned as a technology and service-neutral band.

**3 UK**

See document FM52(14)35

**4 The Netherlands**

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| **Country** | **What is the current use of the band 2300-2400 MHz in your country?** | **What is your short, medium and long term plans with regard to the future use?** |
| Netherlands | 1600 – 3.4 GHz: Ultra Wide Band, no license required  1600 – 3.4 GHz: GPR/WPR, no license required, max pwr -51.3 dBm/MHz  2200 – 2500 MHz: Analysis of construction materials, no license, max pwr -50 dBm/MHz  2300 – 2450 MHz: Mobile, license required ( public use)  2320 – 2450 MHz: Amateur service, max 120 Watt  2322 – 2347 MHz Video Link, license required, max 1 Watt e.i.r.p.  2357 – 2382 MHz Video Link, license required, max 1 Watt e.i.r.p.  2392 – 2417 MHz Video Link, license required, max 1 Watt e.i.r.p.  2400 – 2483.5 MHz – Non specific SRD, no license required, max 10 mW e.i.r.p.  2400 – 2483.5 MHz – Movement detection, no license required, max pwr 25 mW e.i.r.p  2400 – 2483.5 MHz – Wideband datasystems, no license required, max pwr 100mW e.i.r.p.  2400 – 2500 MHz – ISM band, no license required. | • Planning: Medical body Area Networks.  • Currently: ENG/OB: licence based  • Currently: Amateur radio  • Currently: Governmental use  There is an increase of the use of mobile videolinks in general and specific in this band. The Radiocommunication Agency develops a plan for a limited LSA pilot with existing users |

**5 Lithuania**

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| **Country** | **What is the current use of the band 2300-2400 MHz in your country?** | **What is your short, medium and long term plans with regard to the future use?** |
| Lithuania | 1) 2310–2390 MHz radio frequency band is authorized for terrestrial systems capable of providing electronic communications services.  2) Temporary terrestrial audio and video SAP/SAB (including ENG/OB) links.  3) Radio amateurs. | Terrestrial systems capable of providing electronic communications services in the sub-band 2310-2390 MHz. |

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