**RIS implementation of ECC/REC/(08)01 on the use of the band 5855-5875 MHz for   
Intelligent Transport Systems (ITS)**

Foreword

The ECC has decided that RIS implementations of ECC deliverables should be uploaded to the ECO website in order to help administrations fill out the EFIS database.

This RIS implementation is limited to frequency arrangements for ITS in the 5855-5875 MHz bands

**RIG II Template for the use of the 5855-5875 MHz frequency band for Intelligent Transport Systems (ITS)**

**Radio Interface Notification by an administration**

**Normative part**

|  |  |  |  |
| --- | --- | --- | --- |
| **Nr** | **Parameter** | **Description** | **Comments** |
| **1** | **Radiocommunication Service** | Mobile Service |  |
| **2** | **Application** | Intelligent Transport Systems (ITS) | ITS non-safety communication includes Inter Vehicle Communication (IVC), Infrastructure to Vehicle (I2V) communication and portable ITS stations in highly dynamic ad-hoc networks. |
| **3** | **Frequency band** | 5855-5875 MHz | 5855-5875 MHz is on a non-exclusive basis for ITS non-safety applications. |
| **4** | **Channelling** | Frequency arrangement should be based on split into channels with a bandwidth of 10 MHz |  |
| **5** | **Modulation /  Occupied bandwidth** | Not specified | Technology neutral approach |
| **6** | **Direction /  Separation** | Not applicable |  |
| **7** | **Transmit power / Power density** | maximum spectral power density for ITS stations is limited to 23 dBm/MHz e.i.r.p. and the total power shall not exceed 33 dBm e.i.r.p. | With a Transmit Power Control (TPC) range of 30 dB |
| **8** | **Channel access and occupation rules** | Not specified |  |
| **9** | **Authorisation regime** | General authorisation | No registration and/or notification is required (commonly known as “licence exempt”). |
| **10** | **Additional essential requirements according to Art. 3.3 of R&TTE Directive** | None |  |
| **11** | **Frequency planning assumptions** | ECC Report 101 and ECC Report 228 | Unwanted emission limits apply for the protection of other systems in adjacent bands. Equivalent mitigation techniques, as defined in the relevant harmonised European standard ETSI EN 302 571 may also be used. |

**Informative Part**

|  |  |  |  |
| --- | --- | --- | --- |
| **Nr** | **Parameter** | **Description** | **Comments** |
| **12** | **Planned changes** |  |  |
| **13** | **Reference** | ECC/REC/(08)01  ETSI EN 302 571 |  |
| **14** | **Notification number** |  |  |
| **15** | **Remarks** | *Definition:*  *Abbreviation*  *e.i.r.p. equivalent isotropically radiated power* |  |