**RIS implementation of ECC/REC/(11)09 on UWB Location Tracking Systems TYPE 2 (LT2)**

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 UWB Location Tracking Systems TYPE 2 (LT2).

**RIG II Template for ECC Recommendation (11)09 - UWB Location Tracking Systems TYPE 2 (LT2)**

**Radio Interface Notification by an administration**

|  | **Nr** | **Parameter** | **Description** | **Comments** |
| --- | --- | --- | --- | --- |
| **Normative part** | **1** | **Radiocommunication Service** | Not applicable | ITU-R RR Article 4.4  UWB Location Tracking Systems TYPE 2 (LT2) operate on a non-harmful interference and non-protected basis. |
| **2** | **Application** | UWB Location Tracking Systems TYPE 2 (LT2) |  |
| **3** | **Frequency bands** | 3.1 - 4.8 GHz |  |
| **4** | **Channelling** | Not specified |  |
| **5** | **Modulation /  Occupied bandwidth** | Not specified |  |
| **6** | **Direction /  Separation** | Not specified |  |
| **7** | **Transmit power / Power density** | As in ECC Recommendation (11)09, Annex Table 1 and Table 2 |  |
| **8** | **Channel access and occupation rules** | A maximum duty cycle of 5% per transmitter per second and a maximum Ton = 25 ms apply. |  |
| **9** | **Authorisation regime** | General authorisation or individual authorisation. Registration of LT2 user sites required. | LT2 networks are not Electronic Communications Networks or Services according to the Directive 2002/20/EC (see “Whereas 5”) as amended by the Directive 2009/140/EC (in particular see Article 1(2)). This legislation doesn't therefore apply LT2. |
| **10** | **Additional essential requirements according to Art. 3.3 of R&TTE Directive** | None |  |
| **11** | **Frequency planning assumptions** | ECC Recommendation (11)09 includes additional measures which are recommended in order to ensure the protection of specific radiocommunication services:  Fixed Service: 3.4-4.2 GHz and 4.4-4.8 GHz;  Fixed Satellite Service: 3.4-4.2 GHz and 4.5-4.8 GHz;  Aeronautical Radio Navigation Service: 4.2-4.4 GHz;  Mobile Service : 3.4-3.8 GHz and 4.4-4.8 GHz |  |
| **Informative part** | **12** | **Planned changes** | --- |  |
| **13** | **Reference** | ECC Recommendation (11)09  ECC Decision (06)04  ECC Report 167  ECC Report 170 | ECC Recommendation (11)09 recommends that that CEPT administrations may choose to adopt an individual authorisation scheme |
| **14** | **Notification number** | --- |  |
| **15** | **Remarks** | *Definitions* |  |
| *Abbreviations*  *LT2 .......Location Tracking Type 2* |  |
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