**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | **Proposed updates for Non-sensing TX CIR Report Parameters field**  |
| Date Submitted | Sep. 9, 2023 |
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| Re: | Contribution to IEEE 802.15.4ab  |
| Abstract |  |
| Purpose | This submission proposes text to for the IEEE Std 802.15.4ab specification framework document. |
| Notice | This document does not represent the agreed views of the IEEE 802.15 Working Group or IEEE 802.15.4ab Task Group. It represents only the views of the participants listed in the “Source(s)” field above. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein. |

### 10.36.7 Nested IEs for sensing

### 10.36.7.1 Application Control IE (AC IE)

*Change Line 3 on Page 85 as follows.*

The Non-Sensing TX CIR Report Parameters field is formatted as per Figure 87.

|  |  |  |
| --- | --- | --- |
| **Bits: 0-1** |  | **2-7** |
| Transmission Packet Format Identifier |  | Reserved |

Figure 87 – Non-Sensing TX CIR Report Parameters field of the AC IE

The Transmission Packet Format Identifier field indicates the packet format of non-sensing transmission for which the CIR report is requested, as defined in Table 15.

Table 15 – Values of Transmission Packet Format Identifier field

|  |  |
| --- | --- |
| **Transmission Packet Format Identifier field value** | **Meaning** |
| 0 | Ranging packet. |
| 1 | Data packet. |
| 2 | MMS ranging packet. |

The Source of CIR report is indicated implicitly according to the transmission packet, as defined in Table 16.

Table 16 – Transmission packet and the corresponding source of CIR report

|  |  |
| --- | --- |
| Transmission Packet | Source of CIR report |
| SP0-SP3 | SYNC |
| Dynamic Data | SYNC |
| RSF-only MMS | RSF |
| RIF-only MMS | RIF/STS |
| Mixed MMS | RSF |