**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | **P802.15.4 Rev Proposed Comment Resolutions** | |
| Date Submitted | [16 September, 2014] | |
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| Re: | [Proposed Comment Resolutions to CID # 632] | |
| Abstract | [Working document] | |
| Purpose | [Resolve LB94 received comments] | |
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**Proposed Comment Resolutions to CID #632**

Comment: Description for each of the fields as part of Figure 167 and 168 is provided in the text; however description of fields is not provided for Table 42. Make it consistent by providing the description for the fields as part of table 42.

Proposed Change: Change as suggested.

Proposed Resolution:

Include the following Figure and Tables instead of Table 42 and include the description for each field and mapping similar as Figure 167 and Figure 168.

**Figure xx—TVWS-FSK PHY Supported Features field**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bits: 0** | **1-4** | **5-8** | **9** | **10** | **11** | **12** | **13-20** | **12-23** |
| 24-bit SFD Length | FEC Scheme | Spreading Factor Supported | Data Whitening | Alternating Spreading Pattern Supported | Non-alternating Spreading Pattern Supported | Raging | Operating Mode Supported | Reserved |

**Table xx – FEC Scheme field**

|  |  |
| --- | --- |
| **Bit number** | **Description** |
| 1 | First FEC scheme as defined in 20.2.2 |
| 2 | Second FEC scheme as defined in 20.2.2 |
| 3 | Interleaver for the second FEC scheme as defined in 20.2.2 |
| 4 | Third FEC scheme as defined in 20.2.2 |

**Table xx – Spreading Factor field**

|  |  |
| --- | --- |
| **Bit number** | **Description** |
| 1 | Spreading factor 2 supported |
| 2 | Spreading factor 4 supported |
| 3 | Spreading factor 8 supported |
| 4 | Spreading factor 16 supported |

**Table xx – Operating Mode field**

|  |  |
| --- | --- |
| **Bit number** | **Description** |
| 1 | Mode#1 with modulation index = 0.5 |
| 2 | Mode#1 with modulation index = 1 |
| 3 | Mode#2 with modulation index = 0.5 |
| 4 | Mode#2 with modulation index = 1 |
| 5 | Mode#3 with modulation index = 0.5 |
| 6 | Mode#3 with modulation index = 1 |
| 7 | Mode#4 |
| 8 | Mode#5 |