**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | D01 comment resolutions misc-C | |
| Date Submitted | 18 December 2024 | |
| Source | Billy Verso (Qorvo), | billy.verso at qorvo.com |
| Re: | IEEE P802.15.4ab Comment Resolutions | |
| Abstract | Comment Resolutions for selected comments on the LB207 / P802.15.4ab D01. | |
| Purpose | This document provides text changes intended to be part of the final IEEE Std 802.15.4ab (amendment to IEEE Std 802.15.4), as part of resolving selected comments from the consolidated spreadsheet (doc 15-24-0371) that have been assigned to the author to resolve. | |
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| **Comments addressed here:** |

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1. **Comment Index # 21**

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| **Index** | **page** | **clause** | **line** | **Comment** | **Proposed Change** |
| 21 (Mickael) | 22 | 8.3.3 | 1 | Missing a field asking for the generation of the SYNC+SFD in the UWB driven MMS | add in table 8-29 MmsUwbDriven | Boolean | TRUE, FALSE | For UWB MMS Ranging, this parameter is set TRUE if the SYNC+SFD fragment is present. FALSE, otherwise. |

**Discussion:**

The commenter is asking for a Boolean parameter to be added to the TxOptions structure parameter passed into the MCPS-DATA.request to provide for the selection of whether the UWB MMS packet configuration has an initial SYNC+SFD or not.

Submission 15-24-0552-03-04ab-uwb-packet-format-configuration has provided PIB attributes, *phyHrpUwbRxPacketConfig* and *phyHrpUwbTxPacketConfig*, for selection of the UWB packet format and has defined values MMS\_PACKET\_1 and MMS\_PACKET\_2 respectively selecting the UWB MMS packets with and without the initial SYNC+SFD, which means we do not need to an MCPS-DATA.request parameter for this.

Proposed to resolve with a

Disposition Status of “**Revised**”, and with a

Disposition Detail of “Solved by 15-24-0552-03, i.e., no changes are necessary to MCPS-DATA.request since the changes in 15-24-0552-03 provide PIB attributes to select UWB MMS packet configurations with and without the initial SYNC+SFD fragment.”

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