802.11ba Draft Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Spec Text for WUR Mode Setup | | | | |
| Date: 2018-09-10 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Suhwook Kim | LG | LG R&D Campus, Seocho, Seoul |  | suhwook.kim@lge.com |

Abstract

This submission contains spec text to be incorporated in P802.11ba D0.4

**Reference slide deck(s):**

[1] 18/1490r3 **Response frame in WUR Mode Setup**

|  |
| --- |
|  |

Revision History:

Rev 0: Initial version of the document.

Rev 1: Some values and meanings are deleted.

Rev 2: Change the values and meanings and add note

***Editing instructions formatted like this are intended to be copied into the TGba Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGba Editor: Editing instructions preceded by “TGba Editor” are instructions to the TGba editor to modify or insert material in the TGba draft. As a result of adopting the changes, the TGba editor will execute the instructions rather than copy them to the TGba Draft.***

31.9 WUR FDMA operation

**TGba Editor: *Instruction: Please modify Table 9-318b as follows:***

**Table 9-318b— WUR Mode Response Status Definition**

|  |  |
| --- | --- |
| Value | Meaning |
| 0 | Accept |
| 1 | Denied, due to unspecified reason |
| 2 | Denied, the preferred Duty Cycle Period is too large |
| 3 | Denied, WUR Mode Setup is unavailable until TBTT for next DTIM Beacon |
| 4-255 | Reserved |

**31.6 WUR power management procedure**

**31.6.1 WUR Mode Setup**

**TGba Editor: *Instruction: Please add follwoing paragraphs after 7th paragraph:***

If the AP denies the WUR Mode Setup for any reason, the WUR Mode Response Status field in the corresponding WUR Mode element shall be set to one of the “Denied” values shown in the Table 9-318b.Note: When the STA receives a WUR Mode element from the WUR AP that WUR Mode Response Status field is set to “Denied, the preferred Duty Cycle Period is too large”, the STA may retry WUR Mode Setup with revised WUR Mode parameters. When the STA receives a WUR Mode element from the WUR AP that WUR Mode Response Status field is set to “Denied, WUR Mode Setup is unavailable until TBTT for next DTIM Beacon”, the STA may retry WUR Mode Setup after next DTIM beacon frame. Details of how to further optimize the WUR mode setup is out of scope of this standard.