802.11ba Draft Specification

|  |
| --- |
| Spec Text for Group Addressed Frame Indication |
| Date: 2018-07-11 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Jeongki Kim  | LG Electronics |  |  | jeongki.kim@lge.com |

Abstract

This submission contains spec text to be incorporated in the P802.11ba D1.0 related to the following:

The content of this document is based on 11-18/1172r2.

Revision History:

* Rev 0: Initial version of the document
* Rev 1: Minor change with green highlighted
* Rev 2: Minor change with light blue highlighted

***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.***

***Straw Poll: Do you agree to incorporate the following changes into the next version of TGba Draft?***

***Y: 8, N:0, A: 5***

***TGba Editor: Add the following texts and figure after the second paragraph of subclause 9.10.3.2 (WUR Wake-up frame format) :***

If the Length Present subfield of broadcast WUR Wake-up frame is set to 0, the Misc field contains the Group Addressed BU subfield and Reserved subfield as defined in 9-747x (Misc field of broadcast WUR Wake-up frame with Length Present subfield set to 1).

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  | Group Addressed BU | Reserved |
| Bits: | 1 | 2 |

Figure 9-747x - Misc field format of broadcast WUR Wake-up frame with Length Present subfield set to 1

The Group Addressed BU subfield is set to 1 when an AP has buffered group addressed BU(s). Otherwise, the Group Addressed BU subfield is set to 0.

***TGba Editor: Modify the following texts of 31.7.1 as following:***

***31.7.1 General***

(…existing texts…)

The AP may transmit a broadcast WUR wake-up frame with Group Addressed BU subfield set to 1 ~~to a non-AP STA~~ to indicate that group addressed buffered BU(s) are available for all the STAs via the PCR.

(…existing texts…)