802.11ba Draft Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Spec Text for WUR Wake Up Frame | | | | |
| Date: 2018-01-11 | | | | |
| 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 P802.11ba D0.1 related to the following SFD motions:

### 4.9.3 Wake Up frame

1. [Assigned D0.1] The identifier of transmitter and/or receiver in a wake-up frame shall not be the MAC address.

[Motion 1, March 2017, see [1] [45]]

1. [Assigned D0.1] The unicast wake-up frame contains a WUR identifier that identifies both the transmitter and the receiver.

[Motion, Sep 2017, see [4] [30] and [29]]

1. A wake-up frame with variable length may contain the information for the multiple STAs in the Frame Body

* The detailed information of multiple STAs (e.g., bitmap, ID list) is TBD
* Unicast wake-up frame does not carry the information of multiple STAs

[Motion 3, Nov 2017, see [6] [31]]

Revision History:

* Rev 0: Initial version of the document

***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.***

**TGba Editor: *Instruction: Add subclause 9.10.3.2 WUR Wake Up frame as the following:***

* MAC frame format for Wake Up Radio (WUR) frames

9.10.3.2 WUR Wake Up frame format

The frame format of the WUR Wake Up frame is as defined in Figure 9-AA1.

The Frame Control field is defined in 9.10.2.1.1.

The Frame Body may be present in the WUR Wake Up frame, which signaling is TBD.

The Frame Body, if present, contains indication of multiple STAs. The signaling is TBD.

The Address field of the WUR Wake Up frame is set to

* the Wake Up ID of the intended WUR STA when the frame is individually addressed,
* the Group ID when the frame is group addressed, and
* the Transmit ID when the frame is broadcast addressed.