802.11ba Draft Specification

|  |
| --- |
| Proposed Spec Text for WUR FDMA transmission |
| Date: 2018-09-10 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Dongguk Lim | LG Electronics | 19, Yangjae-daero 11gil, Seocho-gu, Seoul 137-130, Korea |  | dongguk.lim@lge.com |
| Eunsung Park | LG Electronics |  |  | esung.park@lge.com  |
| Jinsoo Choi | LE Electronics |  |  | js.choi@lge.com |

Abstract

This submission proposes the spec text to be incorporated in IEEE802.11ba D1.0 related to the following figure 32-2 and 32-3

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.***

Discussion:

We have agreed the following concepts on the WUR FDMA transmission.

First, the applied WUR data rate can be different for each 20MHz channel on the WUR FDMA transmission.

Second, the duration of WUR FDMA transmission for each 20MHz channel is equal.

But, the figure 32-2 and figure 32-3 did not apply the agreed concepts exactly so it can cause the misunderstanding. Therefore, for clarity, we need to modify these figures as following

**TGba Editor: *Instruction: modify the figure 32-2 and figure 32-3 on subclause*** 32.2.2 WUR PPDU format ***as the following:***

**…..**

The FDMA WUR PPDUs for 40 MHz and 80 MHz channel bandwidth are defined in Figure 32-2 (WUR FDMA PPDU for 40 MHz channel widths) and Figure 32-3 (WUR FDMA PPDU for 80 MHz channel widths), respectively. In that formats, the different WUR-Sync according to the rate of the WUR-Data field can be applied to each 20MHz channel.

~~~~



~~~~



Straw poll 1

Do you support to incorporate the proposed changes in document 18/1477r1 to the next IEEE 802.11ba Draft?

Y:7

N:0

A:0

Motion 1

Move to adopt the spec. text changes in Doc. IEEE 802.11-18/1477r2 into the next IEEE 802.11ba Draft?

Move : Dongguk Lim

Second :

Y/N/A