802.11ba Draft Specification

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| Spec text for WUR FDMA transmission in Duty Cycle mode |
| Date: 2018-09-08 |
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Abstract

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

The content of this document is based on 11-18/1523r2 (WUR FDMA transmission in Duty Cycle mode):

Revision History:

* Rev 0: Initial version of the document
* Rev 1: Removed review comment (explaining why “on duration of” was deleted).

***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:**

**Please refer to 11-18/1523r2 (WUR FDMA transmission in Duty Cycle mode) for related discussion.**

**Staw Poll: Do you agree to incorporate the proposed changes provided in document 11-18/1524r2 in the next draft of TGba?**

**Y/N/A**

**31.9 WUR FDMA operation**

***TGba Editor: Instruction: Modify the following paragraphs as follows (Track changes ON):***

A WUR non-AP STA whose dot11WURChannelSwitchImplemented is true shall set the WUR Channel Switching Support subfield of the WUR Capabilities Information field of the WUR Capabilities element that it transmits to 1.

When a WUR AP receives a WUR Capabilities element of which the WUR Channel Switching subfield of the WUR Capabilities Information field is equal to 1, the WUR AP shall set the WUR Channel Offset subfield of the WUR Parameters field of the WUR Mode element that it transmits to any value as defined in Table 9-318c (Subfields of WUR Parameters field from WUR AP), subject to the negotiated WUR duty cycle schedule does not overlap with the TWBTTs at which the WUR AP schedules for transmission WUR Beacon frames if the value of WUR Channel Offset subfield of the WUR Parameters field of the WUR Mode element that the AP transmits(#Ed) is not 0, except for the case when the value indicated in the On Duration subfield of the WUR Parameters field in the WUR Mode element received from a WUR non-AP STA is equal to or greater than the value of the Duty Cycle Period subfield, in which case,

 - The negotiated WUR duty cycle schedule may overlap with the TWBTTs.

 - The WUR AP shall not transmit any WUR frame addressed to the WUR non-AP STA for aPPDUMaxTime defined in Table 21-29 (VHT PHY characteristics ) from a TWBTT.

The WUR channel of a WUR non-AP STA with dot11WURChannelSwitchImplemented equal to true is defined by the WUR Channel Offset subfield of the WUR Parameters field of the WUR Mode element that it receives from its associated WUR AP.