IEEE P802.11
Wireless LANs

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| LB241 CR Coexistence Assurance |
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| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Yongho Seok | MediaTek Inc. | 2840 Junction Ave, San Jose, CA 95134 |  | yongho.seok@mediatek.com  |

Abstract

This submission proposes resolutions of comments received from TGba LB241.

* CIDs: 3004, 3005, 3006, 3007, 3008 (5 CIDs)

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGba Draft. This introduction is not part of the adopted material.

***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 existing 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.***

| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| --- | --- | --- | --- | --- | --- |
| 3004 |  |  | Clause 1 Introduction: PAR scope refers to companion radio and primary connectivity radio. References to companion radio and primary connectivity radio, were removed in D3.0. Scope in the PAR document needs to reflect the changes. | Update text in 1. Introduction to follow and extract general overview text from subclause 30.1 Introduction of Clause 30. Wake-up Radio (WUR) PHY specification. Update PAR. | Rejected-Clause 1 is just copied from the PAR document.If the commenter thinks that TGba PAR has to be chaned, please submit a separate comment.  |
| 3005 |  |  | Clause 3 Coexistence with non-802.11 systems. References to OOK are now MC-OOK. Manchester encoding is now replaced with WUR encoding for Multicarrier MC-OOK. | Update text to include Multi-carrier On-Off Keying (MC-OOK) waveform and WUR encoding | Rejected-The MC-OOK is just a sub-type of OOK. Considering members that are not familiary with 11ba specific technology, we have referred the OOK from CA document based on TGba Draft 1.0. |
| 3006 |  |  | Clause 3 Coexistence with non-802.11 systems. Table 1 states OOK modulation. Change Table 1 with Table 30-14 in D3.0. Table 30-14 references MC-OOK. | As commented | Rejected-Technically, Table 1 is already aligned with Table 30-14. No change is needed.  |
| 3007 |  |  | Clause 4 Coexistence with legacy 802.11 systems. This clause needs to be re-written to align with Figure 30-1 in D3.0 along with text explaining WUR Basic PPDU, LSIG, BPSK-Mark1 and BPSK-Mark2. Replace Figure 2 with Figure 30.1 from D3.0. | As commented | Rejected- The WUR Mark symbol in Figure 2 does not say if it has one OFDM symbol or two OFDM symbols.No change is needed.  |
| 3008 |  |  | Add Definition clause describing WUR AP, WUR non-AP STA, MC-OOK. WUR PPDUs, WUR FDMA PPDUs, Use 802.11ax CA doc as example. | As commented | Rejected-Definitions can be found in TGba draft. Since CA document already has a reference for TGba draft, it is not necessary to repeat it.  |