IEEE P802.11
Wireless LANs

|  |
| --- |
| **TGbe LB271 Comment Resolutions on 36.3.12.10** |
| **Date:** 2023-03-10 |
| **Author(s):** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Affiliation** | **Address** | **Phone** | **Email** |
| Jinyoung Chun | LG Electronics | 19, Yangjae-daero 11gil, Seocho-gu, Seoul 137-130, Korea  |   | jiny.chun@lge.com  |
| Dongguk Lim |  | dongguk.lim@lge.com |
| Eunsung Park |  | esung.park@lge.com |
| Jinsoo Choi |  | js.choi@lge.com |
| Insik Jung |  | Insik0618.jung@lge.com |

Abstract

This submission proposes comment resolutions for 10 CIDs: 17214, 17215, 17216, 17217, 17218, 17219, 15259, 17220, 15260, and 17221

All the changes are based on P802.11be D3.0.

Revisions:

* Rev 0: Initial version of the document.

#### CID

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Category** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 17214 | Sigurd Schelstraete | T | 816.60 | The sentence "In an EHT MU PPDU, N\_EHT-LTF is indicated in the EHT-SIG field." on line 60 is an exact repeat of the same sentence on line 24. | Delete "In an EHT MU PPDU, N\_EHT-LTF is indicated in the EHT-SIG field." on line 60. | Accepted |
| 17215 | Sigurd Schelstraete | T | 817.25 | 1xEHT-LTF and 1.6 us GI is shown as M for EHT TB PPDU, but the note below the table says that it's only allowed for UL non-OFDMA. Make this clear in the Table as well. | Change "M" in row 2, column 4 to "M (see NOTE)" | Accepted |
| 17216 | Sigurd Schelstraete | T | 818.37 | "In a 160 MHz transmission using a 1xEHT-LTF, where the 1xEHT-LTF sequence is given by Equation (27-50) with HELTF\_-1012:1012 replaced by EHTLTF\_-1012:1012.".Sentence has no verb and is unclear. Also, why would this sentence be different from similar statements on e.g. lines 25, 29, 33, ... | Change sentence to "In a 160 MHz transmission, the 1xEHT-LTF sequence transmitted on subcarriers [-1012: 1012] is given by Equation (27-50) with HELTF\_-1012:1012 replaced by EHTLTF\_-1012:1012." to align with statements for 80 MHz, ...Make similar changes on P818L41, P818L45 | RevisedAgree with the commenter and please see the proposed text change below CID 17216 in 11-23/0359r0. |

***Proposed text change from P818 L37 in 11be D3.0.***

In an 80 MHz transmission, the 4 EHT-LTF sequence transmitted on subcarriers [–500: 500] is given by Equation (27-49) with *HELTF*–500 500 replaced by *EHTLTF*–500 500 .

(#17216) In a 160 MHz transmission, the 1 EHT-LTF sequence transmitted on subcarriers [-1012: 1012] is given by Equation (27- 50) with *HELTF*–1012 1012 replaced by *EHTLTF*–1012 1012 .

(#17216) In a 160 MHz transmission, the 2 EHT-LTF sequence transmitted on subcarriers [-1012: 1012] is given by Equation (27- 51) with *HELTF*–1012 1012 replaced by *EHTLTF*–1012 1012 .

(#17216) In a 160 MHz transmission, the 4 EHT-LTF sequence transmitted on subcarriers [-1012: 1012] is given by Equation (27-52) with *HELTF*–1012 1012 replaced by *EHTLTF*–1012 1012 .

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Category** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 17217 | Sigurd Schelstraete | T | 818.49 | "In a 320 MHz transmission using a 1x EHT-LTF, where the 1x EHT-LTF sequence is given by Equation (36-38)." doesn't read right. | Remove the word "where" from the sentence.Similar correction needed on P819L4, P819L60 | Accepted |
| 17218 | Sigurd Schelstraete | T | 822.01 | "equivalent to modulating every four subcarriers in an OFDM symbol". Change "every four" to "every fourth". | See comment. In Figure 36-48, also change "every 4 tone" to "every 4th tone" | RevisedAgree with the commenter and modify the words based on CID 17218 and 15259 as below.To editor: change “every four” to “every 4th” in P822L01 and change “Every 4 Tone” to “Every 4th Tones” in Figure 36-48. |
| 17219 | Sigurd Schelstraete | T | 822.02 | "transmitting only the first one-fourth of the OFDM symbol". Change "first one-fourth" to "first quarter" | See comment | Accepted |
| 15259 | Mengshi Hu | E | 822.06 | "Every 4 tone" should be "every 4 tones" | Change "every 4 tone" into "every 4 tones" | RevisedAgree with the commenter and modify the words based on CID 17218 and 15259 as below.To editor: change “every four” to “every 4th” in P822L01 and change “Every 4 Tone” to “Every 4th Tones” in Figure 36-48. (same resolution with CID 17218) |
| 17220 | Sigurd Schelstraete | T | 822.22 | "equivalent to modulating every two subcarriers in an OFDM symbol". Change "every two" to "every other". | See comment. In Figure 36-49, also change "every 2 tone" to "every other tone" | RevisedAgree with the commenter and modify the words based on CID 17220 and 15260 as below.To editor: change “every two” to “every 2nd ” in P822L22 and change “Every 2 Tone” to “Every 2nd Tones” in Figure 36-49. |
| 15260 | Mengshi Hu | E | 822.28 | "Every 2 tone" should be "every 2 tones" | Change "every 2 tone" into "every 2 tones" | RevisedAgree with the commenter and modify the words based on CID 17220 and 15260 as below.To editor: change “every two” to “every 2nd ” in P822L22 and change “Every 2 Tone” to “Every 2nd Tones” in Figure 36-49. (same resolution with CID 17220) |
| 17221 | Sigurd Schelstraete | T | 822.41 | Change "time domain representation of the waveform" to "time domain representation of the EHT-LTF waveform" | See comment.Similar change needed on P822L60 | Accepted |