IEEE P802.11  
Wireless LANs

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| **CR for CID 22344** |
| **Date:** 2024-03-11 |
| **Author(s):** |

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Abstract

This submission proposes comment resolutions for CID 22344.

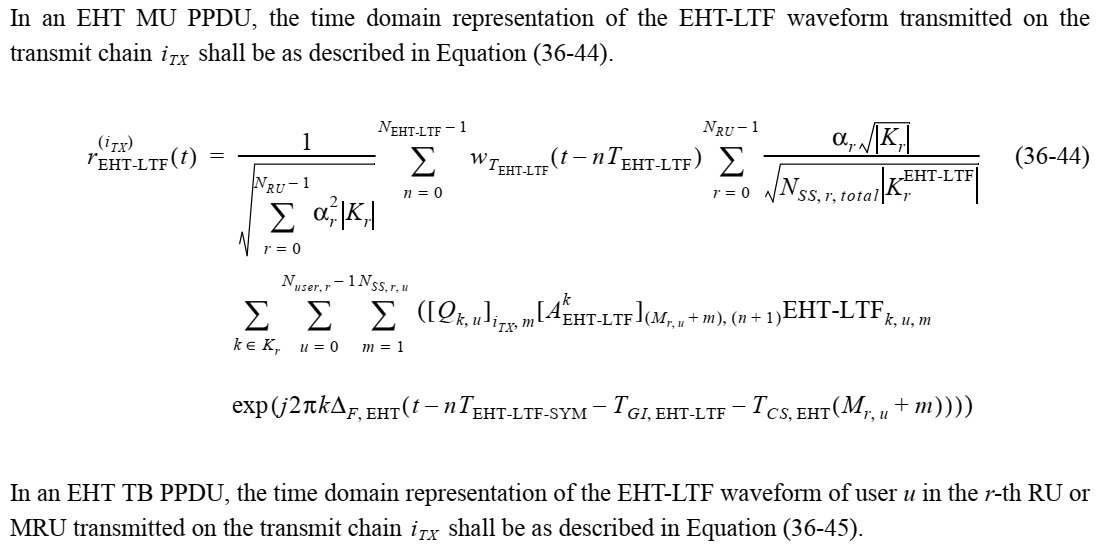
All the changes are based on Draft P802.11be D5.0 for SA ballot.

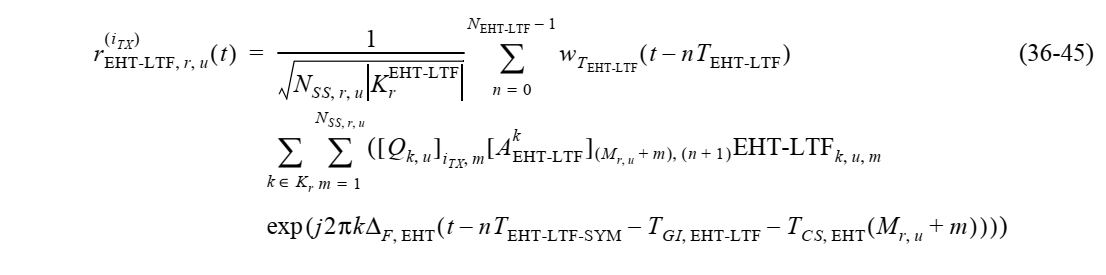
Revisions:

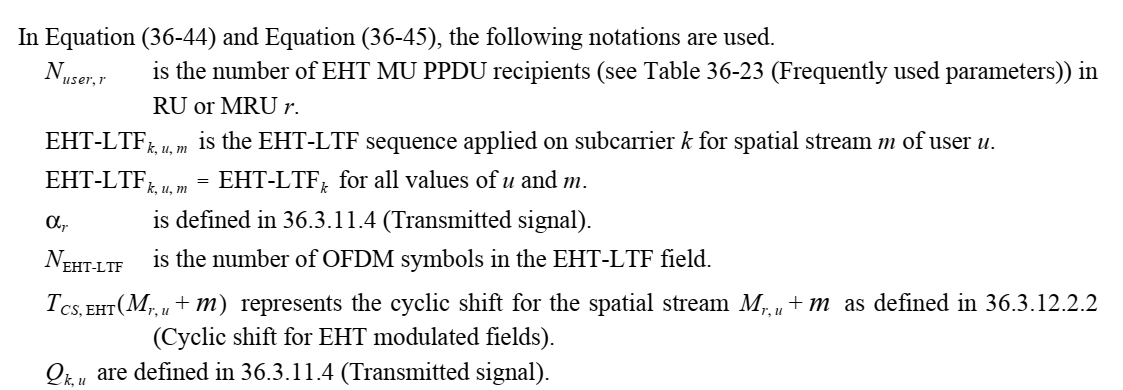
* Rev 0: Initial version of the document.

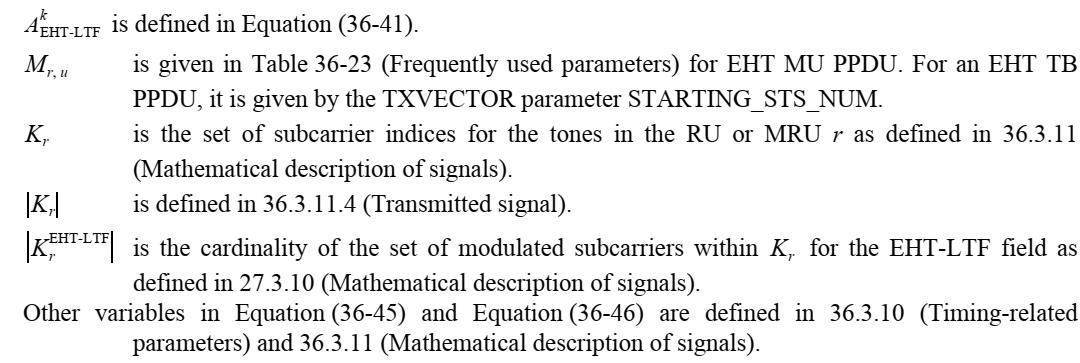
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| **CID** | **Commenter** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 22344 | Alfred Asterjadhi | 831.38 | [Xiaogang Chen] "K\_r^EHT-LTF is the cardinality of the set of modulated subcarriers within for the EHT-LTF field as defined in 27.3.10 (Mathematical description of signals)." is not correct. | change to "K\_r^EHT-LTF is defined in eq (36-10)" | Revised  Agree with the commenter, and more discussion is as below.  *Note to Editor:*  Please see the proposed text change below CID 22344 in 11-24/0434r0. |

***Background in Page 828~829 of 11be D5.0:***



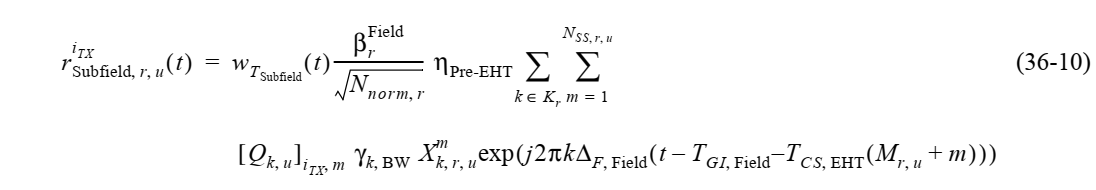


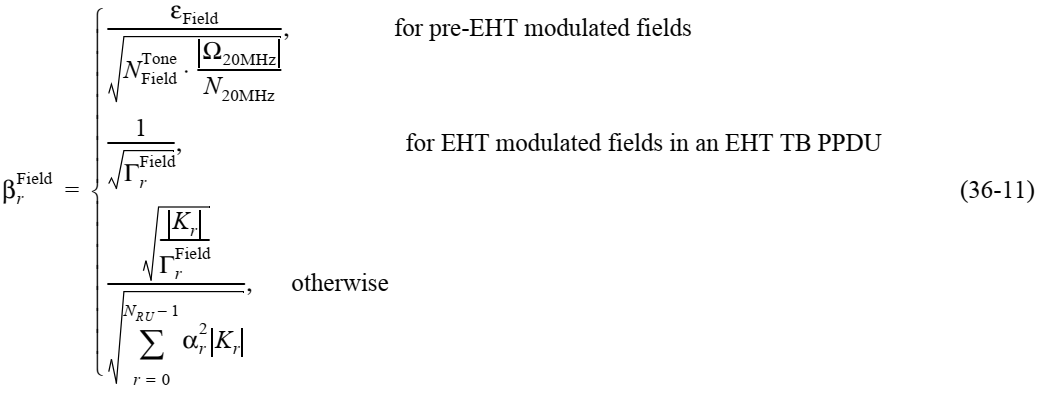


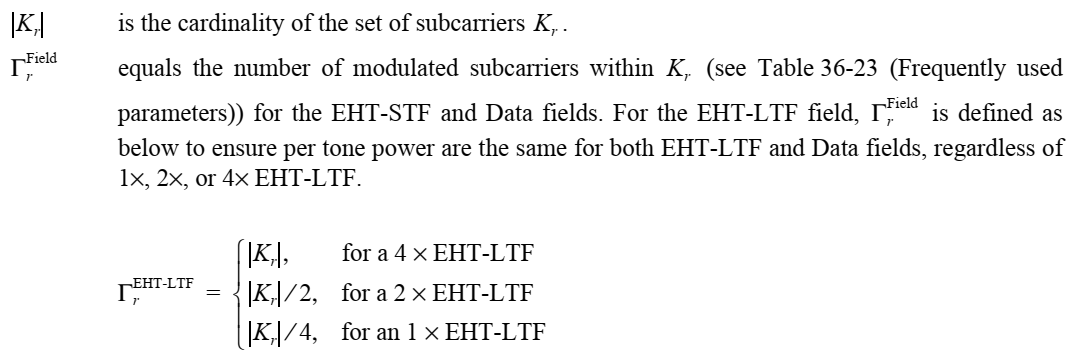


***[Discussion]***

**and are defined after Equation (36-11) in Subclause 36.3.11.4 Transmitted signal. And equals to . So it’s better to change to . It’s the same way with HE-LTF in REVme.**







***Proposed text change from P828L41 in 11be D5.0 for SA ballot.***

In an EHT MU PPDU, the time domain representation of the EHT-LTF waveform transmitted on the transmit chain *iTX* shall be as described in [Equation (36-44)](#_bookmark168).

(36-44)

In an EHT TB PPDU, the time domain representation of the EHT-LTF waveform of user *u* in the *r*-th RU or MRU transmitted on the transmit chain *iTX* shall be as described in [Equation (36-45)](#_bookmark170).

(36-45)

In [Equation (36-44)](#_bookmark168) and [Equation (36-45)](#_bookmark170), the following notations are used.

is the number of EHT MU PPDU recipients (see [Table 36-23 (Frequently used parameters)](#_bookmark68)) in RU or MRU *r*.

is the EHT-LTF sequence applied on subcarrier *k* for spatial stream *m* of user *u*.

is for all values of *u* and *m*.

is defined in [36.3.11.4 (Transmitted signal)](#_bookmark75).

is the number of OFDM symbols in the EHT-LTF field.

represents the cyclic shift for the spatial stream as defined in [36.3.12.2.2](#_bookmark90) [(Cyclic shift for EHT modulated fields)](#_bookmark90).

are defined in [36.3.11.4 (Transmitted signal)](#_bookmark75).

is defined in [Equation (36-41)](#_bookmark164).

is given in [Table 36-23 (Frequently used parameters)](#_bookmark68) for EHT MU PPDU. For an EHT TB PPDU, it is given by the TXVECTOR parameter STARTING\_STS\_NUM.

is the set of subcarrier indices for the tones in the RU or MRU *r* as defined in [36.3.11](#_bookmark69) [(Mathematical description of signals)](#_bookmark69).

and are defined after Equation (36-11) in 36.3.11.4 (Transmitted signal).

Other variables in [Equation (36-45)](#_bookmark170) and [Equation (36-46)](#_bookmark177) are defined in [36.3.10 (Timing-related](#_bookmark62) [parameters)](#_bookmark62) and [36.3.11 (Mathematical description of signals)](#_bookmark69).