IEEE P802.11  
Wireless LANs

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| Update on Timing Related Constants and Some Equations | | | | |
| Date: 2017-07-010 | | | | |
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**Discussion:**

In D1.3, *T*HE-LTF-SYM was removed from the Table 28-11 Timing-related constant in subclause 28.3.8, as the result of CID 10117.

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| --- | --- | --- | --- | --- | --- | --- |
| 10117 | 28.3.7 | 257 | 61 | If there is no use of "THE-LTF-SYM" through the spec, remove the unnecessary paramter in th table. | As in the comment. | Revised Tgax editor: please remove the defintion of parameter THE-LTF-SYM in D1.2  P286L23 Table 28-9 |

Later it was found that some equations like 28-108, 28-111 still refers to this constant, but in those equations *T*HE-LTF-SYM was mistakenly written as *T*HE-LTF, SYM (coma instead of hyphen is used before SYM).

Propose to add back the definition of *T*HE-LTF-SYM to Table 28-9 and correct the typos of *T*HE-LTF, SYM

***To TGax editor: In D1.3 please make the following changes to 28.3.8 highlighted in red***

|  |  |  |
| --- | --- | --- |
| * Timing-related constants | | |
| Parameter | Values | Description |
| *T*HE-LTF | *T*HE-LTF-1X, *T*HE-LTF-2X or *T*HE-LTF-4X depending upon the LTF duration used | Duration of each OFDM symbol without GI in the HE-LTF field |
| *T*HE-LTF-SYM | *T*HE-LTF + *TGI,*HE-LTF | Duration of each OFDM symbol including GI in the HE-LTF field |
| *T*HE-SIG-B | 4 µs = *TDFT,*Pre-HE + *TGI,*LegacyPreamble | Duration of each OFDM symbol in the HE-SIG-B field |

***To TGax editor: In D1.3, please replace*** THE-LTF, SYM ***by*** THE-LTF-SYM ***addressed in the below locations:***

P426L52, P426L54, P427L43 in the draft text location, and P427L36, P427L38, P427L40, P427L41 in THE-PREAMBLE description