IEEE P802.11
Wireless LANs

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| CC36 CR on CID 5473 |
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Abstract

This submission contains proposed comment resolutions to comments on P802.11be D1.0. The changes are based on P802.11be D1.1.

1 comment is resolved: CID 5473.

# Revision Notes

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| R0 | Initial revision |
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## CID 5473

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| --- | --- | --- | --- | --- |
| Page.Line | Clause Number | Comment | Proposed Change | Resolution |
|  |  | data tones of EHT-LTF sequence has ambiguity.For 1x non-OFDMA MU-MIMO case, all the tones of EHT-LTF should be "data tones". Needs some clarification. | Try to describe like: for single stream pilot ase, apply the REHT-LTF matrix to pilot subcarrrier, apply P matrix otherwise | **Revised.**Agree with the comment – need to modify the text so that the description is clearer.TGbe editor: Please revise the text as in 11-21-1369r0. |

TGbe editor: please modify the following text in the first paragraph of Subsection 36.3.12.10:

The EHT-LTF field provides a means for the receiver to estimate the MIMO channel between the set of constellation mapper outputs and the receive chains. In an EHT MU PPDU, the transmitter provides training for *NSS,r,total* spatial streams used for the transmission of the PSDU(s) in the *r*-th RU/MRU. In an EHT TB PPDU, the transmitter of user *u* in the *r*-th RU/MRU provides training for *NSS,r,u* spatial streams used for the transmission of the PSDU. For each subcarrier in the *r*-th RU/MRU, the MIMO channel that can be estimated is an *NRXxNSS,r,total* matrix. An EHT transmission has a preamble that contains EHT-LTF symbols, where the data tones of each EHT-LTF symbol are multiplied by entries belonging to a matrix *P*EHT-LTF, to enable channel estimation at the receiver. When single stream pilots are used in 2x or 4x EHT-LTF, the pilot subcarriers of each EHT-LTF symbol are multiplied by the entries of a matrix *R*EHT-LTF to allow receivers to track phase and/or frequency offset during MIMO channel estimation using the EHT-LTF. Single stream pilots shall be used for all spatial multiplexing modes (both UL and DL) defined in EHT except when 1x EHT-LTF is used. *P*EHT-LTF is defined such that each modulated spatial stream in an RU/MRU is active on all subcarriers in that RU/MRU for which the EHT-LTF sequence takes a nonzero value