IEEE P802.11
Wireless LANs

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| Comment Resolution SA1 – 8000s part1 |
| Date: 2022-07-08 |
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Abstract

This submission proposes the comment resolution of CIDs 8049, 8052; as part of SA1, changes are relative to Draft 5.0.

Revisions:

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 TGax Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGaz Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGaz Editor: Editing instructions preceded by “TGaz Editor” are instructions to the TGaz editor to modify existing material in the TGaz draft. As a result of adopting the changes, the TGaz editor will execute the instructions rather than copy them to the TGaz Draft.***

**The text preceded by “Discussion” is not part of the adopted changes.**

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| **CID** | **P.L** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| **8049** | 240.00 | 27.3.18a.1 | In Figure 27-46b for a non-secure case A1=B1 and A2=B2 | replace B1, B2 with A1, A2 | **Revised**TGaz editor make changes depicted in[https://mentor.ieee.org/802.11/dcn/22/](https://mentor.ieee.org/802.11/dcn/22/11-22-0643-02-00az-comment-resolution-sa1-cid-7296-and-7336.docx)11-22-1022-02-00az-comment-resolution-sa1-8000s-part1.docx |
| **8052** | 242.08 | 27.3.18a.1 | what does this mean "a frequency domain flat top window, instead of the frequency domain rectangular window" ? Sentence is not clear please clarify | as in comment | **Revised**TGaz editor make changes depicted in[https://mentor.ieee.org/802.11/dcn/22/](https://mentor.ieee.org/802.11/dcn/22/11-22-0643-02-00az-comment-resolution-sa1-cid-7296-and-7336.docx)11-22-1022-02-00az-comment-resolution-sa1-8000s-part1.docx |

**Resolution:**

27.3.18a.1 HE Ranging NDP

TGaz Editor: Change the following figure on page 240 as follows

See examples in Figure 27-46b (An example of HE-LTF field in an HE Ranging NDP with NUM\_USERS=1, NUM\_STS=2 and LTF\_REP =2) and Figure 27-46d (Example of Secure HE-LTF field with NUM\_USERS=2, NUM\_STS=[2,1] and LTF\_REP =[2,2]). (#7122, #7126)



**Figure 27-46b—An example of HE-LTFs in an HE Ranging NDP with NUM\_USERS=1,** **NUM\_STS=2 and N\_LTF\_REP =2 (#4014, #5452, #7122, #7126) (#8049)**

27.3.18a.2 HE TB Ranging NDP

TGaz Editor: Change the following paragraphs on page 242 as follows

* Uses HE-LTFs or secure HE-LTFs when the TXVECTOR parameter SECURE\_LTF\_FLAG is set to 0 or 1 respectively.
* Secure HE-LTFs use randomized HE-LTF sequences, pseudorandom and deterministic per stream phase rotation and when the TXVECTOR parameter TX\_WINDOW\_FLAG is set to 1, a frequency domain flat top window is used instead of the frequency domain rectangular window; see 27.3.18a.4 (Construction of secure HE-LTF). (#3215, #3354, #3911, #3920, 9 #4018, #5216, #7114, #7122, #7126)(#8052)