IEEE P802.11  
Wireless LANs

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| Comment Resolution SA1 – CID 7300, 7343 and 7353 | | | | |
| Date: 2022-05-02 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Niranjan Grandhe | NXP | 350 Holger Way, San Jose, CA |  | [niranjan.grandhe@nxp.com](mailto:niranjan.grandhe@nxp.com) |
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Abstract

This submission proposes the comment resolution of CIDs 7343, 7353; as part of SA1, changes are relative to Draft 4.1.

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** |
| **7343** | 235.12 | 27.3.10 | Mathematical description of signals - is missing a descriptionof He Ranging NDPs, specifically with secure LTF | As in comment | **Revised**  mathematical description doesn’t apply for secure LTF. Correction to reference section 27.3.10 was made.  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)11-22-0695-03-00az-comment-resolution-sa1-cid-7300-7343and7353.docx |
| **7353** | 247.1 | 27.3.18a.4 | "Insert zero power GI and apply windowing" - is the windowing the same as in other HE-LTF waveforms? | Clarify if the windowing is different or not | **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)11-22-0695-03-00az-comment-resolution-sa1-cid-7300-7343and7353.docx |

**Resolution:**

27.3.18a.4 Construction of secure HE-LTF

TGaz Editor: Change the following paragraphs on page 248 as follows

g) There is no spatial mapping, the Q matrix is a block identity matrix.

h) IDFT: Compute the inverse discrete Fourier transform.

i) Insert zero power GI: Prepend values of zero of length indicated by the TXVECTOR parameter GI\_TYPE (#7353)

j) Analog and RF: Upconvert the resulting complex baseband waveform associated with each transmit chain to an RF signal according to the center frequency of the desired channel and transmit. Refer to 27.3.9 (Mathematical description of signals) and 27.3.11 (HE preamble) for details.