IEEE P802.11  
Wireless LANs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TGbp Spec Text Topics and Volunteers | | | | | |
| Date: 2025-04-07 | | | | | |
| Author(s): | | | | | |
| Name | Affiliation | Address | Phone | email |
| Yinan Qi | OPPO |  |  | v-qiyinan@oppo.com |
| Bo Sun | Sanechips |  |  | Sun.bo1@sanechips.com.cn |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

This document contains a table with the spec text topics and volunteers for TGbp draft.

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Revised version based on the comments from task group members.
* Rev 2: Revised version based on the comments from task group members and updated SFD.
* Rev 3: Revised version based on the comments from task group members.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SFD Topic** | **Sub-clause** | **POC** | **TTT** | **Status** | **Notes** |
| **General** | | | | | |
| Components of architecture | 4.3.35 | Rojan Chitrakar | You-Wei Chen, Ian Bajaj, Lei Zhou, Amichai Sanderovich, Zhanjing Bao, Yaron Ben-Arie, Mahmoud Hasabelnaby, Shengquan Hu,Solomon Trainin, Yaoshen Cui, Yuxiao Hou, Sebastian Max |  | Motion 22, 29, 34 |
| Communication mode | 1.3 |  | Nelson Costa, You-Wei Chen, Rojan Chitrakar, Ian Bajaj, Lei Zhou, Amichai Sanderovich, Zhanjing Bao, Mahmoud Hasabelnaby, Shengquan Hu,Solomon Trainin, Yaoshen Cui, Yuxiao Hou, Sebastian Max |  | Motion 7, 14, 15, 73 |
|  | 6 |  | Nelson Costa, Rojan Chitrakar, Ian Bajaj, Amichai Sanderovich, Mahmoud Hasabelnaby,Solomon Trainin |  | Layer management (void) |
| **PHY** | | | | | |
| Clock accuracy | 40.3.6 | Ke Wang, Amichai Sanderovich | Nelson Costa, You-Wei Chen, Rui Cao, Weijie Xu, Panpan Li, Bin Qian, Ian Bajaj, Lei Zhou, Amichai Sanderovich, Yaron Ben-Arie, Manideep, Shengquan Hu, Yuxiao Hou, Dror Regev, Leif Wilhelmsson |  | Motion 20, 72 |
| DL PPDU format | 40.3.2.1 | Steve Shellhammer, Bin Qian | Nelson Costa, You-Wei Chen, Yinan Qi, Rui Cao, Weijie Xu, Panpan Li, Bin Qian, Ke Wang, Lei Zhou, Amichai Sanderovich, Shengquan Hu,Solomon Trainin, Yuxiao Hou, Leif Wilhelmsson |  | Motion 8 |
| DL non-AMP portion preamble | 40.3.8.1, 40.3.8.2.1 | You-Wei Chen | Nelson Costa, Alice Chen, Yinan Qi, Rui Cao, Weijie Xu, Panpan Li, Bin Qian, Ke Wang, Lei Zhou, Amichai Sanderovich, Shengquan Hu, Yuxiao Hou, Leif Wilhelmsson |  | Motion 28 |
| DL waveform generation | 40.3.3.1 | Rui Cao, Weijie Xu | Nelson Costa, Steve Shellhammer, You-Wei Chen, Rui Cao, Weijie Xu, Panpan Li, Bin Qian, Ke Wang, Lei Zhou, Amichai Sanderovich, Shengquan Hu, Yuxiao Hou, Leif Wilhelmsson |  | Motion 30, 39, 70, 71 |
| DL synchronisation field | 40.3.8.1, 40.3.8.2.2 | Weijie Xu, Rui Cao, Bin Qian | Nelson Costa, Steve Shellhammer, You-Wei Chen, Yinan Qi, Rui Cao, Weijie Xu, Panpan Li, Bin Qian, Ke Wang, Lei Zhou, Amichai Sanderovich, Shengquan Hu, Yuxiao Hou, Leif Wilhelmsson |  | Motion 18, 33, 69, 76 |
| DL modulation and coding | 40.3.5, 40.3.9, 40.5 | Panpan Li, Amichai Sanderovich | Nelson Costa, Steve Shellhammer, You-Wei Chen, Rui Cao, Weijie Xu, Panpan Li, Bin Qian, Ke Wang, Lei Zhou, Amichai Sanderovich, Shengquan Hu, Yuxiao Hou, Leif Wilhelmsson |  | Motion 9, 10, 16, 37, 40, 41, 77 |
| UL PPDU format | 40.3.2.2 | Yinan Qi, Bin Qian | Nelson Costa, You-Wei Chen, Alice Chen, Rui Cao, Weijie Xu, Panpan Li, Bin Qian, Ke Wang, Lei Zhou, Amichai Sanderovich, Manideep, Shengquan Hu, Yuxiao Hou, Leif Wilhelmsson |  | Motion 11, 42 |
| UL synchronisation field | 40.3.8.2 | Bin Qian, Rui Cao | Nelson Costa, You-Wei Chen, Alice Chen, Yinan Qi, Rui Cao, Weijie Xu, Panpan Li, Bin Qian, Ke Wang, Lei Zhou, Amichai Sanderovich, Manideep, Shengquan Hu, Yuxiao Hou, Leif Wilhelmsson |  |  |
| UL modulation and coding | 40.3.5, 40.3.9, 40.5 | Alice Chen, Panpan Li, Amichai Sanderovich | Nelson Costa, You-Wei Chen, Alice Chen, Yinan Qi, Rui Cao, Panpan Li, Bin Qian, Lei Zhou, Amichai Sanderovich, Shengquan Hu, Yuxiao Hou, Leif Wilhelmsson |  | Motion 19, 21, 31, 38, 43, 78 |
| UL carrier center frequency | 40.3.10 | Rui Cao, Nelson Costa | You-Wei Chen, Rui Cao, Panpan Li, Bin Qian, Lei Zhou, Amichai Sanderovich, Manideep, Shengquan Hu, Yuxiao Hou, Dror Regev, Leif Wilhelmsson |  | Motion 27 |
|  | 40.1 | Nelson Costa | Amichai Sanderovich |  | AMP PHY introduction |
| **MAC** | | | | | |
| AMP TSF | 39.2 | Chuanfeng He | Sanket Kalamkar, Rojan Chitrakar, Chuanfeng He, Ian Bajaj, Lei Zhou, Mahmoud Hasabelnaby, Yaoshen Cui, Sebastian Max |  | Motion 13, 82 |
| Time-slot based UL access mechanism | 39.3 | Sanket Kalamkar, Rojan Chitrakar | Kamran Nishat, You-Wei Chen, Sanket Kalamkar, Chuanfeng He, Ian Bajaj, Lei Zhou, Zhanjing Bao, Yaron Ben-Arie, Mahmoud Hasabelnaby, Shengquan Hu,Solomon Trainin, Yaoshen Cui, Yuxiao Hou, Sebastian Max |  | Motion 24, 45, 50, 51, 56 |
| AMP triggering procedure | 9.10.2, 39.4 | Rojan Chitrakar | You-Wei Chen, Sanket Kalamkar, Chuanfeng He, Ian Bajaj, Lei Zhou, Zhanjing Bao, Yaron Ben-Arie, Mahmoud Hasabelnaby, Shengquan Hu,Solomon Trainin, Yaoshen Cui, Sebastian Max |  | Motion 46, 47, 48 |
| Duty-cycle operation | 39.5 | Chuanfeng He, Ian Bajaj | Sanket Kalamkar, Rojan Chitrakar, Chuanfeng He, Lei Zhou, Zhanjing Bao, Yaron Ben-Arie, Mahmoud Hasabelnaby,Solomon Trainin, Sebastian Max |  | Motion 32, 75 |
| Secure communication-general | 12.2 | Hui Luo | Guy-Armand Kamendje, Sanket Kalamkar, Rojan Chitrakar, Lei Zhou,Solomon Trainin, Yaoshen Cui |  | Motion 26, 44, 68 |
| Secure communication-key generation | 11.3, 12.2, 12.7 | Hui Luo | Guy-Armand Kamendje, Sanket Kalamkar, Lei Zhou,Solomon Trainin, Yaoshen Cui |  | Motion 61, 62, 64, 65 |
| Secure communication-secured data communication | 12.2, 12.7 | Hui Luo, Rojan Chitrakar | Guy-Armand Kamendje, Sanket Kalamkar, Chuanfeng He, Lei Zhou,Solomon Trainin, Yaoshen Cui |  | Motion 66, 67 |
| Support of UHF RFID logic interface | 39.6 | Rojan Chitrakar | Kamran Nishat, Sanket Kalamkar, Rui Cao, Bin Qian, Ian Bajaj, Lei Zhou,Solomon Trainin, Sebastian Max |  | Motion 52 |
| PM for AMP enabled non-AP STA | 11.2, 39.8 | Sanket Kalamkar | Rojan Chitrakar, Ian Bajaj, Lei Zhou, Zhanjing Bao, Mahmoud Hasabelnaby,Solomon Trainin, Yaoshen Cui |  | Motion 58, 59, 60, 63 |
| AMP frame format-general | 9.10 | Mahmoud Hasabelnaby, Alfred Asterjadhi | Kamran Nishat, You-Wei Chen, Sanket Kalamkar, Rojan Chitrakar, Ian Bajaj, Lei Zhou, Zhanjing Bao, Shengquan Hu,Solomon Trainin, Yaoshen Cui |  | Motion 23 |
| AMP frame format - AMP trigger frame format | 9.10.2, 39.4 | Alfred Asterjadhi, Rojan Chitrakar | Kamran Nishat, You-Wei Chen, Sanket Kalamkar, Chuanfeng He, Ian Bajaj, Lei Zhou, Zhanjing Bao, Mahmoud Hasabelnaby, Shengquan Hu,Solomon Trainin, Yaoshen Cui |  | Motion 46, 48, 56 |
| AMP frame format - AMP Ack frame format | 9.10.1 | Mahmoud Hasabelnaby, Alfred Asterjadhi, Chuanfeng He | Kamran Nishat, You-Wei Chen, Sanket Kalamkar, Rojan Chitrakar, Chuanfeng He, Ian Bajaj, Lei Zhou, Zhanjing Bao, Shengquan Hu,Solomon Trainin, Ugo Campiglio, Yaoshen Cui |  | Motion 49 |
| AMP frame format - AMP Wake-Up frame format | 9.10.3 | Alfred Asterjadhi | Kamran Nishat, You-Wei Chen, Sanket Kalamkar, Rojan Chitrakar, Ian Bajaj, Lei Zhou, Zhanjing Bao, Mahmoud ,Solomon Trainin Hasabelnaby, Shengquan Hu, Yaoshen Cui |  | Motion 57 |
| WPT Energizer control | 39.7.2 | Ian Bajaj | Sanket Kalamkar, Yinan Qi, Lei Zhou, Zhanjing Bao, Yaron Ben-Arie,Solomon Trainin, Yaoshen Cui, Leif Wilhelmsson |  | Motion 35, 53, 55, 74, 81 |
| WPT AMP non-AP STA reporting | 39.7.1 | Ian Bajaj | Sanket Kalamkar, Yinan Qi, Lei Zhou,Solomon Trainin,  Ugo Campiglio, Yaoshen Cui, Leif Wilhelmsson |  | Motion 36 |
| WPT signal coexistence | 39.7.3 | Ke Wang | Sanket Kalamkar, Yinan Qi, Ian Bajaj, Lei Zhou,Solomon Trainin, Yaoshen Cui, Leif Wilhelmsson |  | Motion 54, 80 |
|  | 39.1 | Alfred Asterjadhi, Zhanjing Bao | Sanket Kalamkar,Solomon Trainin, Sebastian Max |  | AMP MAC introduction |
|  | 10 |  | Solomon Trainin |  | MAC sublayer functional description (void) |