IEEE P802.11
Wireless LANs

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| Comment Resolutions for 11be D3.0 Supported features and PICS CIDs |
| Date: 2023-06-28 |
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Abstract

This submission proposes resolutions of comments received from TGbe LB271 (TGbe Draft 3.0).

* CIDs: 15046, 15047, 15352, 16386, 17341, 17342, 17343, 18064, 18065, 18066 (10 CIDs)

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Fixed a typo
1. **Introduction**

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 TGbe Draft. The introduction and the explanation of the proposed changes are not part of the adopted material.

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

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

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| --- | --- | --- | --- | --- | --- | --- | --- |
| CID | Commenter | Clause  | Page | Line | Comment | Proposed Change | Resolution |
| 15352 | John Wullert | 4.3.16a | 64 | 47 | The phrase "In a non-AP MLD operating on one or more STR link pairs, mandatory support for STR operation" basically states that a non-AP MLD that wants to use STR must support STR, which is not very informative and could give the impression that support for STR is mandatory. | Remove the statement. | **REVISED.**Agree with the comment that the sentence could be rephrased to state that STR operation is optional for non-AP MLD. TGbe editor to make the changes shown in IEEE 802.11-23/1077r1 under all headings that include CID 15352. |
| 16386 | Massinissa Lalam | 4.3.16a | 63 | 24 | Support of NSTR for non-AP MLD is not defined. I think it's optional, so consider adding: "In a non-AP MLD, optional support for NSTR operation" | As in comment | **REVISED.**Agree with the comment to add NSTR operation as optional for non-AP MLD. TGbe editor to make the changes shown in IEEE 802.11-23/1077r1 under all headings that include CID 16386. |
| 18064 | Abhishek Patil | 4.3.16a | 64 | 42 | T2LM value 2 is reserved and per the normative clause, value 3 is disallowed for EHT MLDs. | Delete: ", and optional support for TID-to-link mapping negotiation with other values" | **REVISED.**Agree with the comment to delete the optional support for TID-to-link mapping negotiation with other values. P547 of D3.2 states: “An MLD with dot11EHTBaseLineFeaturesImplementedOnly equal to true shall not set the TID-To-Link Mapping Negotiation Support subfield of MLD Capabilities field of the Basic Multi-Link element to 3.”TGbe editor to make the changes shown in IEEE 802.11-23/1077r1 under all headings that include CID 18064. |
| 18065 | Abhishek Patil | 4.3.16a | 64 | 45 | T2LM value 2 is reserved and per the normative clause, value 3 is disallowed for EHT MLDs. The only allowed value for EHT MLD is 1 (which is covered by the previous bullet) | Delete this bullet. | **REVISED.**Agree with the comment to delete the optional support for TID-to-link mapping negotiation with values other than 1. P547 of D3.2 states: “An MLD with dot11EHTBaseLineFeaturesImplementedOnly equal to true shall not set the TID-To-Link Mapping Negotiation Support subfield of MLD Capabilities field of the Basic Multi-Link element to 3.”TGbe editor to make the changes shown in IEEE 802.11-23/1077r1 under all headings that include CID 18065. |
| 18066 | Abhishek Patil | 4.3.16a | 64 | 50 | T2LM is a valuable tool for an AP to manage traffic within its BSS (load balancing, traffic prioritization etc). TGbe must consider mandating T2LM for AP MLD. | As in comment | **REJECTED.**Clause 4.3.16a is only meant to provide a summary of the optional/mandatory EHT features and is not normative. Commenter is encouraged to bring a contribution for technical changes related to mandatory support of the T2LM feature for AP MLD. |

Baseline text: P802.11be\_D3.2

**4.3.16a Extremely high throughput (EHT) STA**

*TGbe editor: Modify the subclause as below (Track changes ON):*

…

The main MAC features in an EHT STA that are not present in HE STA or VHT STA or HT STA are the following:

* Mandatory support for GCMP-256
* In an EHT AP, mandatory support for MLO
* In an EHT AP, mandatory support for beacon protection
* In an MLD, mandatory support for ML discovery procedure
* In an MLD, mandatory support for ML (re)setup procedure
* In an MLD, mandatory support for ML BlockAck procedure
* In an MLD, mandatory support for link management procedure with default TID-to-link mapping
* In an MLD, mandatory support for MLD level sequence number spaces
* In an MLD, mandatory support for MLD level packet number (PN) space
* In an MLD, mandatory support for BSS parameter critical update procedure
* In an MLD, mandatory support for ML power management
* In an AP MLD, mandatory support for serving a single radio non-AP MLD
* In an AP MLD that is not an NSTR mobile AP MLD, mandatory support for STR operation on each pair of links, if the AP MLD operates with more than one affiliated APs
* In an AP MLD, mandatory support for PPDU end time alignment when the AP-MLD is serving an NSTR non-AP MLD.
* In an AP MLD, mandatory support for ML group addressed frame delivery
* In a non-AP MLD, mandatory support for TID-to-link mapping negotiation with value 1 as described in Table 9-404i (Subfields of the MLD Capabilities And Operations subfield(#16582))(#18064)
* (#18065)
* In a non-AP MLD, (#15352)optional support for STR operation
* (16386) In a non-AP MLD, optional support for NSTR operation
* In an AP MLD, optional support for TID-to-link mapping negotiation
* In an MLD, optional support for EMLSR mode
* In an MLD, optional support for EMLMR mode
* In an MLD, optional support for start time sync PPDUs medium access
* In an MLD, optional support for NSTR mobile AP MLD operation
* (#17343) In an MLD, optional support for operation parameter update
* (#17343) In an MLD, optional support for Traffic indication
* (#17343) In an MLD, optional support for ML reconfiguration
* Optional support for EPCS priority access operation
* Optional support for QoS Characteristics element in SCS
* Optional support for BlockAck Bitmap field lengths of 512 and 1024
* Optional support for R-TWT
* Optional support for triggered TXOP sharing procedure

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| CID | Commenter | Clause  | Page | Line | Comment | Proposed Change | Resolution |
| 15046 | Ryota Yamada | B4.4.2 | 928 | 34 | Some descriptions of status are wrong. Please correct "EHTM9.14" to "EHT10.14" in items FT75.1, FT75.2, FT75.3, FT76.1, FT76.2, and FT76.3. | as in comment. | **REVISED.**Agree with the comment to correct "EHTM9.14" to "EHT10.14" (TID-to-link mapping) in items FT75.1, FT75.2, FT75.3, FT76.1, FT76.2, and FT76.3. TGbe editor to make the changes shown in IEEE 802.11-23/1077r1 under all headings that include CID 15046. |
| 15047 | Ryota Yamada | B4.4.2 | 928 | 45 | Some descriptions of status are wrong. Please correct "EHTM9.10 OR EHTM9.11" to "EHTM10.10 OR EHTM10.11" in items FT75.7 and FT76.7. | as in comment. | **REVISED.**Agree with the comment to correct "EHTM9.10 OR EHTM9.11" to "EHTM10.10 OR EHTM10.11" in items FT75.7 and FR76.7 TGbe editor to make the changes shown in IEEE 802.11-23/1077r1 under all headings that include CID 15047. |
| 17341 | Alfred Asterjadhi | B.4.3 | 927 | 64 | What is a STAofAP? Shouldn't this just be IndepSTA or smth like that? Please fix. | As in comment. | **REJECTED.**CFSTAofAP refers to a non-AP STA operating in infrastructure mode and hence is used correctly here.  |
| 17342 | Alfred Asterjadhi | B.4.3 | 928 | 12 | This should be O.12 I would think. Please fix | As in comment. | **REVISED.**Agree with the comment to correct O.11 as O.12. TGbe editor to make the changes shown in IEEE 802.11-23/1077r1 under all headings that include CID 17342. |
| 17343 | Alfred Asterjadhi | B.4.3 | 928 | 27 | the list of frames in transmission and reception looks not complete. Please double check that everything is included. | As in comment. | **REVISED.**Agree with the comment; missing frames are added. The corresponding features are also added. TGbe editor to make the changes shown in IEEE 802.11-23/1077r1 under all headings that include CID 17343. |

SP: Do you agree to incorporate the changes proposed in IEEE 802.11-23/1077r1 to the latest 11be draft for the following CIDs?

15046, 15047, 15352, 16386, 17341, 17342, 17343, 18064, 18065, 18066 (10 CIDs)

* 1. **PICS proforma—IEEE Std 802.11-<year>**

*TGbe editor: Modify the subclause as below (Track changes ON):*

# IUT configuration

***Insert the following rows at the end of the table:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item** | **IUT configuration** | **References** | **Status** | **Support** |
| \*CFEHT | EHT operation | Clause 36 | O | Yes  No  |
| \*CFEHT2G4 | EHT operation in the 2.4 GHz band | Clause 36 | CFEHT: O.10 | Yes  No  |
| \*CFEHT5G | EHT operation in the 5 GHz band | Clause 36 | CFEHT: O.10 | Yes  No  |
| \*CFEHT6G | EHT operation in the 6 GHz band | Clause 36 | CFEHT: O.10 | Yes  No  |
| \*CFEHT20 | EHT operation as a 20 MHz-only non- AP EHT STA | Clause 36 | CFIndepSTA AND CFEHT: O.11 | Yes  No  |
| \*CFEHT80 | EHT operation with capability of 80 MHz or wider channel width | Clause 36 | CFAP AND CFEHT AND CFEHT5G: MCFAP AND CFEHT AND CHEHT6G: MCFIndepSTA AND CFEHT: O.11 | Yes  No  |

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| **Item** | **IUT configuration** | **References** | **Status** | **Support** |
| \*CFEHT- MLD | EHT MLD operation | Clause 35 | CFEHT AND CFAP: MCFEHT AND CFSTAofAP: O | Yes  No  |
| \*CFEHTM- LDAP | EHT AP MLD operation | Clause 35 | CFEHTMLD: O.12 | Yes  No  |
| \*CFEHTM-LdnonAP | EHT non-AP MLD operation | Clause 35 | CFEHTMLD: O.12 | Yes  No  |
| \*CFEHTN- STRMo-bileAP | NSTR mobile AP MLD operation | Clause 35 | CFEHTMLD: O.12 (#17342) | Yes  No  |

# MAC protocol

**B.4.4.2 MAC frames**

***Insert the following rows at the end of the table (maintaining item order):***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item** | **MAC frame** | **References** | **Status** | **Support** |
|  | Is transmission of the following MAC frames supported? | Clause 9 |  |  |
| … | … | … | … | … |
| FT74 | EHT Action frames | 9.6.34 | CFEHT: O | Yes  No  N/A  |
| FT74.1 | EHT Compressed Beamforming/CQI frame | 9.6.34.2 | CFAP: O CFSTAofAP: M | Yes  No  N/A  |
| FT75 | Protected EHT Action frame | 9.6.35 | CFEHT: O | Yes  No  N/A  |
| FT75.1 | TID-To-Link Mapping Request frame | 9.6.35.2 | (#15046)EHTM10.4.1: M | Yes  No  N/A  |
| FT75.2 | TID-To-Link Mapping Response frame | 9.6.35.3 | EHTM10.4.1: M | Yes  No  N/A  |
| FT75.3 | TID-To-Link Mapping Teardown frame | 9.6.35.4 | EHTM10.4.1: M | Yes  No  N/A  |
| FT75.4 | EPCS Priority Access Enable Request frame | 9.6.35.5 | EHTM5: M | Yes  No  N/A  |
| FT75.5 | EPCS Priority Access Enable Response frame | 9.6.35.6 | EHTM5: M | Yes  No  N/A  |
| FT75.6 | EPCS Priority Access Teardown frame | 9.6.35.7 | EHTM5: M | Yes  No  N/A  |
| FT75.7 | EML Operating Mode Notification frame | 9.6.35.8 | (#15047)EHTM10.10 OR EHTM10.11: M | Yes  No  N/A  |
| (#17343) FT75.8 | Link Recommendation frame format | 9.6.35.9 | CFEHTMLDAP AND EHTM10.7.4: O | Yes  No  N/A  |
| (#17343) FT75.9 | Multi-Link Operation Update Request frame format | 9.6.35.10 | CFEHTMLDnonAP AND EHTM10.4.2: M | Yes  No  N/A  |
| (#17343) FT75.10 | Multi-Link Operation Update Response frame format | 9.6.35.11 | CFEHTMLDAP AND EHTM10.4.2: M | Yes  No  N/A  |
| (#17343) FT75.11 | Link Reconfiguration Notify frame format | 9.6.35.12 | CFEHTMLDAP AND EHTM10.14: M | Yes  No  N/A  |
| (#17343) FT75.12 | Link Reconfiguration Request frame format | 9.6.35.13 | CFEHTMLDnonAP AND EHTM10.14: M | Yes  No  N/A  |
| (#17343) FT75.13 | Link Reconfiguration Response frame format | 9.6.35.14 | CFEHTMLDAP AND EHTM10.14: M | Yes  No  N/A  |
| (#17343) FT76 | EHT NDP Announcement frame format | 9.3.1.19.4 | EHTM8.1: M | Yes  No  N/A  |
|  | Is reception of the following MAC frames supported? | Clause 9 |  |  |
| … | … | … | … | … |
| FR75 | EHT Action frames | 9.6.34 | CFEHT: M | Yes  No  N/A  |
| FR76 | Protected EHT Action frame | 9.6.35 | CFEHT: O | Yes  No  N/A  |
| FR76.1 | TID-To-Link Mapping Request frame | 9.6.35.2 | (#15046)EHTM10. 4.1: M | Yes  No  N/A  |
| FR76.2 | TID-To-Link Mapping Response frame | 9.6.35.3 | EHTM10. 4.1: M | Yes  No  N/A  |
| FR76.3 | TID-To-Link Mapping Teardown frame | 9.6.35.4 | EHTM10. 4.1: M | Yes  No  N/A  |

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| **Item** | **MAC frame** | **References** | **Status** | **Support** |
| FR76.4 | EPCS Priority Access Enable Request frame | 9.6.35.5 | EHTM5: M | Yes  No  N/A  |
| FR76.5 | EPCS Priority Access Enable Response frame | 9.6.35.6 | EHTM5: M | Yes  No  N/A  |
| FR76.6 | EPCS Priority Access Teardown frame | 9.6.35.7 | EHTM5: M | Yes  No  N/A  |
| FR76.7 | EML Operating Mode Notification frame | 9.6.35.8 | (#15047)EHTM10.10 OR EHTM10.11: M | Yes  No  N/A  |
| (#17343) FR76.8 | Link Recommendation frame format | 9.6.35.9 | CFEHTMLDnonAP AND EHTM10.7.4: O | Yes  No  N/A  |
| (#17343) FR76.9 | Multi-Link Operation Update Request frame format | 9.6.35.10 | CFEHTMLDAP AND EHTM10.4.2: M | Yes  No  N/A  |
| (#17343) FR76.10 | Multi-Link Operation Update Response frame format | 9.6.35.11 | CFEHTMLDnonAP AND EHTM10.4.2: M | Yes  No  N/A  |
| (#17343) FR76.11 | Link Reconfiguration Notify frame format | 9.6.35.12 | CFEHTMLDnonAP AND EHTM10.14: M | Yes  No  N/A  |
| (#17343) FR76.12 | Link Reconfiguration Request frame format | 9.6.35.13 | CFEHTMLDAP AND EHTM10.14: M | Yes  No  N/A  |
| (#17343) FR76.13 | Link Reconfiguration Response frame format | 9.6.35.14 | CFEHTMLDnonAP AND EHTM10.14: M | Yes  No  N/A  |
| (#17343) FR76 | EHT NDP Announcement frame format | 9.3.1.19.4 | EHTM8.1: M | Yes  No  N/A  |

* + - 1. **EHT MAC features**

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| **Item** | **Protocol capability** | **References** | **Status** | **Support** |
|  | **Are the following MAC protocol features supported?** |  |  |  |
| **EHTM1** | **EHT capabilities signaling** |  |  |  |
| EHTM1.1 | EHT Capabilities element | 9.4.2.313 | CFEHT: M | Yes  No  N/A  |
| EHTM1.2 | Signaling of EHT STA capabilities in Probe Request and (Re)Association Request frames | 9.3.3.5,9.3.3.7,9.3.3.9,9.4.2.313 | CFEHT ANDCFIndepSTA:M | Yes  No  N/A  |

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| **Item** | **Protocol capability** | **References** | **Status** | **Support** |
| EHTM1.3 | Signaling of EHT STA capabilities and EHT BSS capabilities in Beacon, Probe Response, and (Re)Association Response frames | 9.3.3.2,9.3.3.6,9.3.3.8,9.3.3.10,9.4.2.313 | CFEHT AND CFAP: M | Yes  No  N/A  |
| EHTM1.4 | Signaling of MLD capabilities using (#16857)MLD Capabilities And Operations subfield present in the Common Info field of the Basic Multi-Link element | 9.3.3.2,9.3.3.5,9.3.3.6,9.3.3.7,9.3.3.8,9.3.3.10 | CFEHTMLD: M | Yes  No  N/A  |
| **EHTM2** | **Signaling of EHT operation** | 9.4.2.311 | CFEHT AND CFAP: M | Yes  No  N/A  |
| **EHTM3** | **HE variant HT Control field** |  |  |  |
| EHTM3.1 | EHT OM control | 9.2.4.7.8 | CFAP AND EHTP3.5: M CFEHT: O | Yes  No  N/A  |
| EHTM3.2 | SRS control | 9.2.4.7.9 | CFEHTMLD: O | Yes  No  N/A  |
| EHTM3.3 | AAR control | 9.2.4.7.10 | CFEHTMLD: O | Yes  No  N/A  |
| **EHTM4** | **Restricted TWT** | 35.8 | CFEHT: O | Yes  No  N/A  |
| **\*EHTM5** | **EPCS priority access** | 35.16 | CFEHT: O | Yes  No  N/A  |
| **EHTM6** | **Triggered TXOP sharing procedure** | 35.2.1.2 | CFEHT: O | Yes  No  N/A  |
| **EHTM7** | **EHT BSS operation** |  |  |  |
| EHTM7.1 | EHT BSS 6 GHz operation | 35.15.1 | CFEHT6G: M | Yes  No  N/A  |
| EHTM7.2 | Preamble puncturing operation | 35.15.2 | CFEHT AND CFAP: M CFEHT AND CFSTAofAP: M | Yes  No  N/A  |
| **EHTM8** | **Transmit beamforming** |  |  |  |
| \*EHTM8.1 | SU beamformer capable if the sup- ported maximum number of transmit spatial streams is less than 4 | 36.1.1 | CFEHT: O | Yes  No  N/A  |
| \*EHTPM8.2 | SU beamformer capable if the sup- ported maximum number of transmit spatial streams is greater than or equal to 4 | 36.1.1 | CFEHT: M | Yes  No  N/A  |
| EHTM8.3 | SU beamformee capable | 36.1.1 | CFEHT AND CFAP: O CFEHT AND CFSTAofAP: M | Yes  No  N/A  |
| EHTM8.4 | MU beamformer capable if the sup- ported maximum number of transmit spatial streams is less than 4 | 36.1.1 | CFAP AND EHTM8.1: O | Yes  No  N/A  |
| EHTM8.5 | MU beamformer capable if the sup- ported maximum number of transmit spatial streams is greater than or equal to 4 | 36.1.1 | CFAP AND EHTM8.2: M | Yes  No  N/A  |

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| **Item** | **Protocol capability** | **References** | **Status** | **Support** |
| EHTM8.6 | MU beamformee capable | 36.1.1 | CFEHT AND CFSTAofAP: M | Yes  No  N/A  |
| EHTM8.7 | MU beamformer capable if the MU Beamformer (BW ≤ 80 MHz), MU Beamformer (BW = 160 MHz), and MU Beamformer (BW = 320 MHz), any is at least set to 1 | 35.7.2 | CFEHT AND CFAP: M | Yes  No  N/A  |
| **EHTM9** | **MU Beamforming capable** |  |  |  |
| \*EHTM9.1 | MU beamformer capable if the MU Beamformer (BW ≤ 80 MHz), MU Beamformer (BW = 160 MHz), and MU Beamformer (BW = 320 MHz), any is at least set to 1 | 35.7.1 | CFEHT AND CFAP: M | Yes  No  N/A  |
| \*EHTM9.2 | MU beamformer capable if the MU Beamformer (BW ≤ 80 MHz), MU Beamformer (BW = 160 MHz), and MU Beamformer (BW = 320 MHz), is 0 | 35.7.1 | CFEHT AND CFSTAofAP: M | Yes  No  N/A  |
| **EHTM10** | **EHT MLD features** |  |  |  |
| EHTM10.1 | Multi-link discovery procedures | 35.3.4 | CFEHTMLD: M | Yes  No  N/A  |
| EHTM10.2 | Multi-link (re)setup procedure | 35.3.5 | CFEHTMLD: M | Yes  No  N/A  |
| EHTM10.3 | Block ack procedures in multi-link operation | 35.3.8 | CFEHTMLD: M | Yes  No  N/A  |
| EHTM10.4 | Link management  | 35.3.7 |  |  |
| \*EHTM10.4.1 | TID-to-link mapping | 35.3.7.2 | CFEHTMLD: O | Yes  No  N/A  |
| EHTM10.4.1.1 | Link management procedure with default TID-to-link mapping | 35.3.7.2 | EHTM10.4.1: M | Yes  No  N/A  |
| \*EHTM10.4.2 | Non-AP MLD operation parameter update | 35.3.7.6 | CFEHTMLD: O | Yes  No  N/A  |
| EHTM10.5 | Multi-link sequence number spaces, duplicate detection and recovery | 10.3.2.14 | CFEHTMLD: M | Yes  No  N/A  |
| EHTM10.6 | BSS parameter critical update proce- dure | 35.3.10 | CFEHTMLD: M | Yes  No  N/A  |
| EHTM10.7 | Multi-link power management | 35.3.12 |  |  |
| EHTM10.7.1 | Dynamic link transitions | 35.3.7.3 | CFEHTMLDAP: MCFEHTMLD-nonAP: O CFEHTMLDN-STRmobileAP: M | Yes  No  N/A  |
| EHTM10.7.2 | MLD max idle period management | 35.3.12.3 | CFEHTMLD: M | Yes  No  N/A  |
| EHTM10.7.3 | WNM sleep mode in multi-link opera- tion | 35.3.12.5 | CFEHTMLD-nonAP: O | Yes  No  N/A  |
| (#17343) \*EHTM10.7.4 | Traffic indication | 35.3.12.4 | CFEHTMLD: O | Yes  No  N/A  |
| \*EHTM10.8 | NSTR operation | 35.3.16.4 | CFEHTMLDN-STRmobileAP:M CFEHTMLD-nonAP: O | Yes  No  N/A  |
| EHTM10.8.1 | PPDU end time alignment | 35.3.16.5 | EHTM10.8: M CFEHTM- LDAP:M | Yes  No  N/A  |

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| --- | --- | --- | --- | --- |
| **Item** | **Protocol capability** | **References** | **Status** | **Support** |
| EHTM10.8.2 | Start time sync PPDUs medium access | 35.3.16.6 | EHTM10.8: O | Yes  No  N/A  |
| EHTM10.8.3 | Medium access recovery procedure | 35.3.16.8 | EHTM10.8: M EHTM10.10: M EHTM10.11: M | Yes  No  N/A  |
| EHTM10.9 | Multi-link group addressed frame delivery | 35.3.15 | CFEHTMLD: M | Yes  No  N/A  |
| \*EHTM10.1 0 | EMLSR mode | 35.3.17 | CFEHTMLD: O | Yes  No  N/A  |
| EHTM10.10. 1 | EMLSR configuration | 35.3.17 | EHTM10.10: M | Yes  No  N/A  |
| \*EHTM10.1 1 | EMLMR mode | 35.3.18 | CFEHTMLD: O | Yes  No  N/A  |
| EHTM10.12 | STR operation | 35.3.16.3 | CFEHTMLDAP: MCFEHTMLD-nonAP: O | Yes  No  N/A  |
| EHTM10.13 | NSTR mobile AP MLD operation | 35.3.19 | CFEHTNSTRMo-bileAP: M | Yes  No  N/A  |
| (#17343) \*EHTM10.14 | ML reconfiguration | 35.3.6 | CFEHTMLD: O | Yes  No  N/A  |
| EHTM10.15 | TDLS procedure in multi-link opera- tion | 35.3.21 | CFEHTMLD-nonAP: O | Yes  No  N/A  |
| EHTM10.16 | EHT SCS procedure | 35.17 | CFEHTMLD: O | Yes  No  N/A  |
| EHTM10.17 | Proxy ARP service in AP MLDs | 35.3.22 | CFEHTMLDAP: O CFEHTNSTRMo-bileAP: O | Yes  No  N/A  |
| EHTM10.18 | EHT MSCS procedure | 35.18 | CFEHTMLD: O | Yes  No  N/A  |
| EHTM10.19 | Multi-link procedures for channel switching, extended channel switch- ing, and channel quieting | 35.3.11 | CFEHTMLDAP: M CFEHTNSTRMo-bileAP: O CFEHTMLD-nonAP: M | Yes  No  N/A  |
| **EHTM11** | **EHT sounding protocol** |  |  |  |
| EHTM11.1 | EHT sounding protocol as MU beam- former | 35.7 | EHTM9.1: M | Yes  No  N/A  |
| EHTM11.2 | EHT sounding protocol as MU beamformee | 35.7 | EHTM9.2: M | Yes  No  N/A  |