IEEE P802.11
Wireless LANs

|  |
| --- |
| Comment Resolution for three CIDs related to TGaz LB253 |
| Date: 2021-5-10 |
| Author(s): |
| Name | Affiliation | Address | Phone | Email |
| Ali Raissinia | Qualcomm Inc. |  |  | alirezar@qti.qualcomm.com |
| Jonathan Segev | Intel |  |  | jonathan.segev@intel.com |

Abstract

This document proposes resolution for CID5015, CID5027, and CID5038.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Page** | **Line** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| **5016** | 81.00 | 15 | 9.4.2.299 | After text 'the R2I NDP' add 'in addition to the SAC subfield in the Trigger Dependent User Info subfield of the Secured Sounding trigger subvariant soliciting I2R NDP and corresponding R2I NDP. | As per comment | RevisedAgree in principle with the commenter. Also, there is a typo in the field’s name between 788edn and P81L15.TGaz editor make the changes identified below in **11-21-0810-00-00az** three CID resolutions for lb253 <https://mentor.ieee.org/802.11/dcn/21/11-21-0810-00-00az-three-CID-resolutions-for-lb253.docx> |
| **5027** |  |  | 9.6.7.329.6.7.33 | Delete the text 'in (for) the ranging phase' as it doesn't seem necessary | As per comment | RevisedAgree in principle with the commenter. TGaz editor make the changes identified below in **11-21-0810-00-00az** three CID resolutions for lb253 <https://mentor.ieee.org/802.11/dcn/21/11-21-0810-00-00az-three-CID-resolutions-for-lb253.docx> |
| **5036** | 122.00 |  | 11.21.6.2 | Add ' and dot11FineTimingMsmtRespActivatedis true' before 'shall set the I2R LMR Feedback Policy field' | As per comment | RevisedAgree in principle with the commenter. TGaz editor make the changes identified below in **11-21-0810-00-00az** three CID resolutions for lb253 <https://mentor.ieee.org/802.11/dcn/21/11-21-0810-00-00az-three-CID-resolutions-for-lb253.docx> |

**Resolution for CID5016:**

**TGaz editor modify figure 9-788edn as follows:**

The format of the Secure LTF Parameters element is shown in [9-78edn](#F09o788edn) (Secure LTF Parameters element format).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | B0 – B7 | B8 – B15 | B16 – B23 | B24 – B71 | B72 – B87 | B88 – B103 | B104 – B111 |
|  | Element ID | Length | Element ID Extension | Secure LTF Counter  | LTF Generation SAC | Range Measurement SAC | Measurement Result LTF Offset |
| Octets: | 1 | 1 | 1 | 6 | 2 | 2 | 1 |

Figure 9-788edn—Secure LTF Parameters element format (#1580, #2283, #1163, #1129)

**TGaz editor modify the text in page 80 line 11-16 as shown below**

The Range Measurement SAC field is used to verify that range measurement results of the Location Measurement Report frame are calculated using the same LTF sequence between ISTA and RSTA. The Range Measurement SAC field is the same value as the SAC subfield in the STA Info field with AID equal to 2043 in the Ranging NDP Announcement frame that solicited the I2R NDP and the R2I NDP in the Non-TB Ranging measurement exchange or the SAC subfield in the Trigger Dependent User Info of the Ranging Trigger frame subvarient Secure Sounding in the TB Ranging menasurment exchange; see 11.21.6.4.6 (Secure Non-TB and TB Ranging Measurement Exchange Protocol). This field is reserved in the initial Fine Timing Measurement frame.

**Resolution for CID5027: TGaz editor modify the text in page 93 line 32-36 as shown below**

The Ranging Parameters field is present in the IFTMR frame - see 11.21.6.3 (Fine timing measurement procedure negotiation) - and its retransmissions if the initiator requests negotiation of parameters with the responder in order to perform Non-TB Ranging and/or TB Ranging measurement exchange (s). If present, it contains a Ranging Parameters element as defined in 9.4.2.298 (Ranging Parameters element).

**Resolution for CID5027: TGaz editor modify the text in page 97 line 15-18 as shown below**

The Ranging Parameters field is present in the initial Fine Timing Measurement Frame if the RSTA selects to perform Non-TB Ranging (11.21.6.4.4) or TB Ranging measurement exchanges (11.21.6.4.3), (#**2252**). If present, it contains a Ranging Parameters element as defined in 17 9.4.2.298 (Ranging Parameters element).

**Resolution for CID5027: TGaz editor modify the text in page 122 line 10-14 as shown below**

A STA in which either dot11NonTriggedBasedRangingRespImplemented is true or dot11TriggerBasedRangingRespImplemented is true and dot11FineTimingMsmtRespActivated
is true shall set the I2R LMR Feedback Policy field of the Extended Capabilities element to 1 if dot11I2RLMRFeedbackPolicy is true. The STA shall set the I2R LMR Feedback Policy field of the Extended Capabilities element to 0 if dot11 ISTA2RSTALMRFeedbackPolicy is false.

**References:**

**[1] Draft P802.11az\_D3.0**