IEEE P802.11
Wireless LANs

|  |
| --- |
| LB253 Passive TB Ranging MLME CR |
| Date: 2021-07-13 |
| Author(s): |
| Name | Affiliation | Address | Phone | Email |
| Erik Lindskog | Samsung | 3655 N 1st St, San Jose, CA 95134 |  | e.lindskog@samsung.com |

Abstract

We are here proposing a resolution to LB253 CID 5233 that addresses the missing MLME specifications for Passive TB Ranging.

The TGaz LB253 CID addressed in this document is CID 5233.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **P.L** | **Clause** | **Comment** | **Proposed change** | **Proposed resolution** |
| 5233 | 24.05 | 6.3 | We are missing text and figures in subclause 6.3 (MLME SAP interface) that deals with the required specifics for the Passive TB Ranging subvariant of TB Ranging. | Throughout subclause 6.3 (MLME SPA interface), add text and figures to coverer the aspects of Passive TB Ranging that differs from TB Ranging. | Revised. TGaz editor, make the changes as shown in document https://mentor.ieee.org/802.11/dcn/20/11-21-1112-00-00az-lb253-passive-tb-ranging-mlme-cr.docx. |

***TGaz Editor: Change the text in Subclause 6.3.56.4.1 (Function) which is a subclause of Subclause 6.3.56.4 (MLME-FINETIMINGMSMT.request) as follows:***

**6.3.56.4.1 Function**

… <Scroll to P32L5>

***Change the paragraph below:***

This primitive requests the transmission of a Fine Timing Measurement frame to a peer entity to initiate an EDCA based ranging measurement exchange (see 11.21.6.4.2), a TB Ranging measurement exchange(see 11.21.6.4.3), a Non-TB Ranging measurement exchange(11.21.6.4.4), or a Passive TB Ranging Measurement exchange (see 11.21.6.4.8); with the specified peer entity. (#**3276**). Unless specified otherwise, the Passive TB Ranging measurement exchange follows the rules and procedures specified for the TB Ranging measurement exchange. (#**5233**)

***TGaz Editor: Change the text in Subclause 6.3.56.1 (General) which is a subclause of Subclause 6.3.5 (Fine timing measurement (FTM)) as follows:***

**6.3.56 General**

… <Scroll to P29L11>

**Figure 6-17c— Fine Timing Measurement primitives and timestamp reporting capture for TB Ranging measurement exchange (#3451). For the Passive TB Ranging measurement exchange, the I2R LMR Feedback frame is replaced with the ISTA Passive TB Ranging Measurement Report frame, and the Primary and Secondary RSTA Broadcast Passive TB Ranging Measurement Report frames are broadcasted by the RSTA at the end of the measurement. (#5233)**

**----------------------------------------------------------------- X -----------------------------------------------------------**

**References:**

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