IEEE P802.11  
Wireless LANs

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| LB249-Some-DMG-CIDs-Part-III | | | | |
| Date: 2020-09-30 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Assaf Kasher | Qualcomm |  |  | assaf.kasher@gmail.com |
|  |  |  |  |  |

Abstract

This document proposes resolutions to CIDs: 3635, 3074, 3639, 3937

Editor instruction based on D2.5

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| --- | --- | --- | --- | --- | --- |
| 3635 | 125.00 | 11.22.6.3.5 | " An RSTA that supports Secure ToF 6 measurement shall acknowledge a request for Secure ToF measurement by setting the Secure ToF 7 Measurement subfield in the Measurement Parameters field in the initial (#1449) Protected Dual 8 of the Fine Timing Measurement frame. " -- why? The ISTA won't make the request unless the RSTA supports it (above in same para), so the ISTA knows it will be used | Delete the cited sentence | Reject.  The group prefers that the RSTA acknowledges the use of secure RTT (ToF) as it is specified in the definition of the field. |
| 3074 | 206.1 | 27.3.17c | Figure unreadable. | Fix | REVISE: TGaz editor incorporate the referenced figure 27-54g D2.5 in visio format. |

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| 3639 | 124.00 | 32 | 11.22.6.3.5 | "A STA that supports secure ToF measurement as described in 11.22.6.4.8 (Secure EDMG 32 Measurement Exchange Protocol) shall set the Secure ToF Supported field in the EDMG 33 capabilities element to 1." is duplicated at 125.41 | Delete the cited text | **Revise:** TGaz Editor make the changes as in [11-20-1787r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1787-02-00az-LB249-resolution-to-CID-3635.docx)  These changes superceed the changed proposed in 11-20-1687r3 – in motion 202011-05 |
| 3937 | 124.00 | 32 | 11.22.6.3.5 | "11.22.6.4.8 (Secure EDMG Measurement Exchange Protocol)" wrong reference | replace by "11.22.6.4.2.1.6 Secure measurement exchange for EDMG STAs" | **Revise:** TGaz Editor make the changes as in [11-20-1787r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1787-02-00az-LB249-resolution-to-CID-3635.docx)  These changes superceed the changed proposed in 11-20-1687r3  in motion 202011-05 |

Discussion: There is some mixed up of DMG capabilities in wrong subclauses.

***TGaz Editor: Add the following text before 11.21.6.3.5***

***11.21.6.3.5 Capability Negotiation for EDCA based Ranging with the Format and Bandwidth Field set to 31-43***

A STA that supports first Path Beamforming Training shall set the First Path Beamforming Training Supported field of the Beamforming Capability subelement in the EDMG Capabilities element (#**3940**) to 1. Otherwise it shall set the First Path Beamforming Training Supported field to 0.

A STA that supports secure RTT measurement as described in 11.21.6.4.2.1.6 (Secure EDMG Measurement Exchange Protocol) shall set the Secure RTT Supported field in the RSNXE (#**3940**) to 1. Otherwise it shall set the Secure RTT Supported field to 0. A STA shall not set the Secure RTT Supported field of the in the RSNXE to 1 if it has not also set the First Path Beamforming Training Supported field of the Beamforming Capability subelement in the RSNXE to 1.

A STA that supports EDMG SC Ranging shall set the EDMG SC Ranging Supported field of the Beamforming Capability subelement in the EDMG Capabilities element (#**3940**) to 1. Otherwise it shall set the EDMG SC Ranging Supported field to 0.

A STA that supports EDMG OFDM Ranging shall set the EDMG OFDM Ranging Supported field of the Beamforming Capability subelement in the EDMG Capabilities element (#**3940**) to 1. Otherwise, it shall set the EDMG OFDM Ranging Supported field to 0.

***TGaz Editor: Renumber headings following 11.21.6.3.5 to reflect a new subclause 11.21.6.3.5.***

***TGaz Editor: Remove the text in P 131L20-36 as follows:***

***TGaz Editor: Remove the text in P130L19-23 as follows:***

***TGaz Editor: Modify text in P135L5 as follows***

to 1 in the Beamforming field of the EDMG Capabilities element (#**3940**) and the ISTA and RSTA have performed

***TGaz Editor: Modify text in P137L39 as follows***

subfield to 1 in the Beamforming field of the EDMG Capabilities element (#**3940**) and the ISTA and RSTA have

**References:**