IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| LB272 CRs for CID 1477and 2053 | | | | |
| Date: 2023-04-11 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Rui Yang | InterDigital |  |  | [rui.yang@interdigital.com](mailto:rui.yang@interdigital.com) |
| Zinan Lin |  |  |  |
| Mahmoud |  |  |  |
|  |  |  |  |  |

Abstract

##### This submission present proposed resolutions for the following 2 CIDs:

1477, 2053

##### The proposed changes are based on 802.11bf D1.0.

##### Revision history:

##### r0 – initial version

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Clause** | **P.L** | **Comment** | **Proposed Change** | **Resolution** |
| 1477 | Henry Ptasinski | 4.11 | 24.10 | Clarify what objects are being sensed and how they relate to the devices performing sensing functions. | Change "objects in an area of interest" to "non-802.11 objects in an area of interest. The objects being sensed do not need to implement the sensing protocol or actively participate in the sensing process." | REJECTED  Per Oxford Dictionary, an “object” is “a material thing that can be seen and touched.” This is exactly what it means in this sentence. |
| 2053 | Alfred Asterjadhi | 4.11 | 24.20 | Can sensing be used by S1G, TVHT STAs? | Please clarify | REVISED  Based on the current design, the WLAN sensing can’t be used by S1G and TVHT STAs. In addition, the WLAN sensing can’t be used for HT STAs, as well.  TGbf editor: please incorporate changes shown in 11-23/0633r0 under the tag 2053. |

***TGbf editor: please make the following change in subclause 4.11, P24L20:***

The WLAN sensing procedure allows a (# 2053) non-S1G, non-TVHT, non-HT and non-DMG STA to perform sensing. The SBP procedure enables a non-AP, (# 2053) non-S1G, non-TVHT, non-HT and non-DMG STA to request a (# 2053) non-S1G, non-TVHT, non-HT and non-DMG AP to perform sensing on its behalf. Similarly, the DMG sensing procedure allows a DMG STA to perform sensing, and the DMG SBP procedure enables a non-AP and non-PCP DMG STA to request a DMG PCP/AP to perform sensing on its behalf.