IEEE P802.11
Wireless LANs

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| CR Document Resolving CIDs related to Immediate and Delayed Feedback Support |
| Date: 2022-06-08 |
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Abstract

This submission proposes resolutions of comments received from TGbf comment collection 40 (TGbf Draft 0.1).

* CIDs: 376, 552 and 577 (3 CIDs)

Revisions:

* Rev 0: Initial version of the document.

|  |  |  |  |  |  |
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| **CID(s)** | **Commentor** | **Sub-clause** | **Comment** | **Proposed Change** | **Resolution** |
| 376 | Insun Jang | 9.4.2.317 | During a measurement setup, whether it allows Immediate feedback or Delayed feedback should be indicated | As in comment | ***Revised***Agree with the commentor in principle to indicate the support of delayed or immediate feedback durign the measurement setup phase. **TGbf editor to make the changes shown in IEEE 802.11-22/0882r0 under all headings that include CID 376.** |
| 552 | Dong Guk Lim | 11.21.18.6.4 | The support of immediate or delayed feedback is determined between the initiator and responder during the measurement setup phase. Add the above text and add the subfield to indicate this in the sensing measurement parameters subfields. | As in comment | ***Revised***Agree with the commentor in principle to indicate the support of delayed or immediate feedback durign the measurement setup phase. The relevant text and frame format has been added.**TGbf editor to make the changes shown in IEEE 802.11-22/0882r0 under all headings that include CID 552.** |
| 577 | Rui Cao | 9.4.2.26 | 11bf defines multiple sensing measurement mode, e.g., sensing with feedback or without feedback, immediate feedback vs delayed feedback. Capability definition is missing for the support of sensing feedback. | Suggest adding capability bits to indicate the support of sensing measurement feedback or not; and support of immediate or delayed feedback. | ***Revised***Agree with the commentor in principle to indicate the support of delayed or immediate feedback durign the measurement setup phase. The relevant text and frame format has been added.**TGbf editor to make the changes shown in IEEE 802.11-22/0882r0 under all headings that include CID 577.** |

**SP:** Do you agree to the resolutions provided in the document 11-22/0882r0 for the following CIDs: 376, 552 and 577 for inclusion in the latest 11bf draft?

**9.4.2.317 Sensing Measurement Parameters element**

***TGbf Editor: Please change Figure 9-1002av as follows:***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Sensing Transmitter | Sensing Receiver | Sensing Measurement Report | ImmediateFeedback | Measurement Report Type | TBD |
| Bits: | 1 | 1 | 1 | 1 | TBD | TBD |
|  | * Sensing Measurement Parameters field format
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***TGbf Editor: Please*** ***insert the following paragraph at the end of clause 9.4.2.317:***

The Immediate Feedback subfield is set to 1 to indicate that a sensing responder for which dot11ImmediateFeedbackImplemented is true will be providing Immediate Feedback corresponding to the measurement setup ID; and is set to 0 otherwise. (#376, #552)

**11.21.18.4 Sensing measurement setup**

***TGbf Editor: Please revise the 7th paragraph of clause 11.21.18.4 as follows:***

If a Sensing Measurement Setup Request frame assigns the role of either sensing receiver or sensing transmitter and sensing receiver to the sensing responder, it also defines whether the sensing responder shall send or not send Sensing Measurement Report frames in sensing measurement instances that result from the sensing measurement setup. If in the Sensing Measurement Setup Request frame, the Sensing Measurement Report is set to 1 which means that the responder will send a Sensing Measurement Report frame then the Sensing Responder shall set the Immediate Feedback bit to 1 if it is capable of providing Immediate Feedback, otherwise the Immediate Feedback is set to 0. In case when the responder is required not to send a Sensing Measurement Report, the Immediate Feedback bit shall be reserved.

**References:**

1. Draft P802.11bf\_D0.1