IEEE P802.11
Wireless LANs

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| Proposed Draft Text for SBP and Motion 60 |
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Abstract

This document proposes draft text that addresses the following two topics brought up during the discussion of the SBP PDT (11-22/0234r6):

* How existing D0.01 text (“Editor’s Note: Measurement results obtained in a WLAN sensing procedure resultant from an SBP request shall be reported to the SBP initiator”) relates to text introduced in the SFD by motion 60 (“For the case when the sensing initiator is the sensing transmitter, the sensing initiator may optionally request the sensing responder to report sensing measurement results”)
* Lack of normative text in D0.01 that implements motion 60.

Discussion – Text and changes below implement the motion “For the case when the sensing initiator is the sensing transmitter, the sensing initiator may optionally request the sensing responder to report sensing measurement results (Motion 60, 22/0038r2).”

**TGbf editor: Insert the following paragraph at the end of 11.21.18.4 (Sensing measurement setup):**

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.

**TGbf editor: Change 9.4.2.317 (Sensing Measurement Parameters element) as follows:**

The format of the Sensing Measurement Parameters field is defined in Figure 9-1002am (Sensing Measurement Parameters field format)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Sensing Transmitter | Sensing Receiver | Sensing Measurement Report | Measurement Report Type | TBD |
| Bits: | 1 | 1 | 1 | TBD | TBD |
|  | Figure 9-1002am - Sensing Measurement Parameters field format |

The Sensing Transmitter subfield is set to 1 to indicate a sensing transmitter role for a sensing responder corresponding to the measurement setup ID; and is set to 0 otherwise.

The Sensing Receiver subfield is set to 1 to indicate a sensing receiver role for a sensing responder corresponding to the measurement setup ID; and is set to 0 otherwise.

The Sensing Measurement Report subfield is reserved when the Sensing Receiver subfield is set to 0. When the Sensing Receiver subfield is set to 1,

* the Sensing Measurement Report subfield is set to 1 to indicate that the sensing responder sends Sensing Measurement Report frames in sensing measurement instances that result from the sensing measurement setup.
* the Sensing Measurement Report subfield is set to 0 to indicate that the sensing responder does not send Sensing Measurement Report frames in sensing measurement instances that result from the sensing measurement setup.

Discussion – Text below is to allow SBP to make use of the feature defined above.

**TGbf editor: Change 11.21.19.3 (SBP procedure reporting) as follows:**

**11.21.19.3 SBP procedure reporting**

TBD

***Editor’s Note: ~~Measurement results obtained in a WLAN sensing procedure resultant from an SBP~~***

***~~request shall be reported to the SBP initiator.~~ An SBP initiator defines in the SBP Request frame whether sensing responder(s) in the requested WLAN sensing procedure shall send or not send Sensing Measurement Report frames.***