IEEE P802.11
Wireless LANs

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| Proposed Draft Text for Sensing measurement setup termination |
| Date: 2022-01-24 |
| Author(s): |
| Name | Affiliation | Address | Phone | Email |
| Pei Zhou | OPPO |  |  | zhoupei1@oppo.com |
| Chaoming Luo |  |  |  |
| Lei Huang |  |  |  |
| Ning Gao |  |  |  |
| Insun Jang | LG Electronics |  |  | insun.jang@lge.com |
| Sang Kim |  |  | sanggook.kim@lge.com |
| Dibakar Das | Intel |  |  | Dibakar.das@intel.com |

Abstract

This document includes proposed draft text for the “Sensing measurement setup termination” sub-clause as defined in TGbf’s SFD.

**Revision history:**

* r0: Initial version.

**Current SFD text related to this topic:**

### 7.1.5 Sensing measurement setup termination

(Motion 35, 21/1701r1) The following holds for sensing measurement setup termination:

* The device keeps active the established sensing measurement setup identified with the Measurement Setup ID until it is terminated.
* Termination of the sensing measurement setup identified with the Measurement Setup ID by one device does not impact the activity of this sensing measurement setup of another device(s)/session(s).
* Termination of the sensing measurement setup identified with one Measurement Setup ID does not impact the device/session activity of another sensing measurement setup with a different Measurement Setup ID.
* The sensing initiator and/or the sensing responder may initiate termination of the sensing measurement setup.
* A handshake between the sensing initiator and the sensing responder and/or expiration of the predefined inactivity time may terminate the sensing measurement setup. (Detailed protocol is TBD.)
* The sensing initiator and the sensing responder may release the resources they allocated to store the setup after the termination of the sensing measurement setup.
* The sensing initiator shall not indicate the Measurement setup ID of the terminated sensing measurement setup in the sensing measurement instances it initiates.
* The sensing initiator may ignore the pending report(s) indicated to belong to the terminated sensing measurement setup.
* The sensing responder should not respond to request/poll/trigger that all sensing measurement setups it indicates are terminated.
* The sensing responder should not transmit the report that indicates the terminated sensing measurement setup.

**Proposed Spec Text Contribution:**

*Editor: Include the text below in Clause 7 of TGbf’s draft*

**7.1.5 Sensing measurement setup termination**

The sensing initiator and the sensing responder keep active the established sensing measurement setup until it is terminated.

The sensing initiator may initiate termination of the sensing measurement setup(s) by transmiting a Sensing Measurement Setup Termination frame with the Measurement Setup ID(s) of the measurement setup to be terminated to the sensing responder. The sensing responder successfully received the Sensing Measurement Setup Termination frame shall respond with an Ack frame.

The sensing responder may initiate termination of the sensing measurement setup(s) by transmiting a Sensing Measurement Setup Termination Request frame with the Measurement Setup ID(s) of the measurement setup to be terminated to the sensing initiator. The sensing initiator successfully received the Sensing Measurement Setup Termination Request frame shall respond with a Sensing Measurement Setup Termination frame to terminate the sensing measurement setup(s) identified with the Measurement Setup ID(s) contained in the Sensing Measurement Setup Termination frame.

Note: The formats of Sensing Measurement Setup Termination frame and Sensing Measurement Setup Termination Request frame are TBD.

Expiration of the predefined inactivity time may terminate the sensing measurement setup. (Detailed protocol is TBD.)

The sensing initiator and the sensing responder may release the resources they allocated to store the sensing measurement setup after the termination of the sensing measurement setup. Termination of the sensing measurement setup identified with the Measurement Setup ID by one device does not impact the activity of this sensing measurement setup of another device(s)/session(s). Termination of the sensing measurement setup identified with one Measurement Setup ID does not impact the device/session activity of another sensing measurement setup with a different Measurement Setup ID.

The sensing initiator shall not indicate the Measurement setup ID of the terminated sensing measurement setup in the sensing measurement instances it initiates. The sensing initiator may ignore the pending sensing measurement report(s) indicated to belong to the terminated sensing measurement setup.

The sensing responder should not respond to request/poll/trigger that all sensing measurement setups it indicates are terminated. The sensing responder should not transmit the sensing measurement report that indicates the terminated sensing measurement setup.