IEEE P802.11  
Wireless LANs

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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | PDT for Sensing Measurement Report – Bug Fix | | | | | | Date: 2023-01-11 | | | | | | Author(s): | | | | | | Name | Affiliation | Address | Phone | email | | Mahmoud Kamel | InterDigital |  |  | mahmoud.kamel@interdigital.com | | Zinan Lin | InterDigital |  |  |  | | Rui Yang | InterDigital |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |

Abstract

This submission proposes changes to the Sensing Measurement report in P802.11bf D0.51:

NOTE – Set the Track Changes Viewing Option in the MS Word to “All Markup” to clearly see the proposed text edits.

**Revision History:**

R0: Initial version

R1: SPed several options of potential text changes and applied the changes according to option2.

R2: Removed the discussion.

SP1: Which option of the following options do you prefer to change the text in Subclause 11.55.1.2 Dependencies in 11bf D0.51 P156L9

1. A STA that transmits a Sensing Measurement Report frame shall support values of 8 and 10.
2. A STA shall support values of 8 and 10 in the Sensing Measurement Report frame.
3. A STA shall support values of 8 and 10 in the Sensing Measurement Report frame it transmits.
4. When a STA transmits a Sensing Measurement Report frame, it shall support values of 8 and 10.
5. When a STA transmits or receives a Sensing Measurement Report frame, it shall support values of 8 and 10.

Result: 1/2/3/4/5/abs: 1/16/0/9/1/4

***TGbf Editor: Please modify*** ***Clause 11.55.1.2 Dependencies in 11bf D0.51 P156L9 based on the results of SP1 as follows***

A STA shall support values of 8 and 10 in the Sensing Measurement Report frame.

A STA with four or less transmit antennas shall support an value of 4 and may optionally support an value of 16 in the Sensing Measurement Report frame.

A STA with five or more transmit antennas, and a bandwidth of 80 MHz shall support an value of 4 and may optionally support an value of 16 in the Sensing Measurement Report frame.

A STA with five or more transmit antennas, and a bandwidth of 160 MHz shall support an value of 8 and may optionally support an value of 16 in the Sensing Measurement Report frame.