IEEE P802.11
Wireless LANs

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| LB231 BF Comment Resoution II |
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Abstract

This document suggests resolution for CIDs 1487, 1488, 2303

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| 1487 | 158.33 | 10.38.6.4.1 | "The number of valid AWV feedback IDs in the ShortBRP Feedback field shall be 16 unless ((N-TRN├ùTRN-M)/TRN-N) < 16, where N-TRN, TRN-M andTRN-N are the values of the EDMG\_TRN\_LEN, EDMG\_TRN\_M and EDMG\_TRN\_N parameters,respectively, in the RXVECTOR of the transmit beam refinement training request." What is the number of valid AWV feedback IDs when ((N-TRN├ùTRN-M)/TRN-N) >= 16? | Add text to cover both cases. |
| 1488 | 159.11 | 10.38.6.4.1 | From this text "If the feedback is for a TXSS performed with a BRP-TX PPDU, theNumber of Measurements subfield of the FBCK-TYPE field is at least the minimum of {16, N-TRN-SB},where N-TRN-SB = ((N-TRN├ùTRN-M)/TRN-N) and N-TRN, TRN-M and TRN-N are the values of theEDMG\_TRN\_LEN, EDMG\_TRN\_M and EDMG\_TRN\_N parameters, respectively, in the RXVECTORof the received BRP-TX PPDU." it looks like it may be possible to have N-TRN-SB be less than 16, but the number of measurements sub-field is set to 16. So, in that case there will be dummy measurements. How are these encoded in the response? | Clarify how the response is constructed in this case. |
| 2303 | 159.12 | 10.38.6.4.1 | BRP TXSS may have multiple BRP-TX packets while N-TRN-SB is based on 1 BRP-TX packet | revise N-TRN-SB to account for multiple BRP packets |

Proposed Resolution: **Revised**

***TGay Editor: Modify P158L31-36 as follows***

An EDMG STA responding to a transmit beam refinement training request in which the EDMG-SHORT-BRP subfield was equal to 1 shall respond with a BRP frame that has the EDMG-SHORT-BRP subfield set to 1 and the EDMG-SHORT-FBCK subfield set to 1. The number of valid AWV feedback IDs (in the Short BRP Feedback field shall comply with the following equaltion:

and

 where , and are the values of the EDMG\_TRN\_LEN, EDMG\_TRN\_M and EDMG\_TRN\_N parameters, respectively, in the RXVECTOR of the k’th EDMG BRP packet of the TXSS, and K is the number of EDMG BRP packets received in the BRP TXSS or BRP-TX. If <16 the Sector Measurement subfields of the Short BRP Feedback field will be denoted invalid by setting the SNR subfield to 0xFF as defined in 9.5.8.

**Strawpoll:** Do you agree to the resolution of CIDs 1487, 1488, 2303 as described in 11-18-0510-00-0ay-LB231-BF-Coment-Resolution-II?