IEEE P802.11
Wireless LANs

|  |
| --- |
| CR for CID 2345 |
| Date: 2022-5-9 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Xiaofei Wang | InterDigital Inc. | 111 West 33rd StreetSuite 1420New York, NY, USA | +1-607-592-2727 | Xiaofei.wang@interdigital.com |
| Rui Yang |  |  |
| Jinyoung Chun | LG Electronics | 19, Yangjae-daero 11gil, Seocho-gu, Seoul 137-130, Korea |  | jiny.chun@lge.com |

Abstract

This submission proposes resolutions for the CID 2345.The baseline for this comment resolution document is 802.11 RevME Draft 1.2.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page** | **Line** | **Comment** | **Proposed Change** | **Resolution** |
| 2345 | 26.7 | 4195 | 41 | There is no complete description on the procedure for triggering responses as shown in Figure 26-8, even though it is mentioned "may send another BFRP Trigger frame in the same TXOP" is described on page 4197, though no where in the text is the first BFRP transmission mentioned. More detailed procedure involving BFRP Trigger and responses should be clearly written. | Procedure involving BFRP Trigger and responses should be clearly written. | Revised: agree in principle with the comment. Additional clarification is provided.TGm editor: Please incorporate changes contained in 11-22/707r0. |

* Rules for HE sounding protocol sequences

***TGbe Editor: Please modify Clause 26.7.3 as follows (Baseline 802.11 RevME Draft 1.2)***

An HE TB sounding sequence is initiated by an HE beamformer with a broadcast HE NDP Announcement frame with two or more STA Info fields, followed after a SIFS by an HE sounding NDP, followed after a SIFS by a BFRP Trigger frame. (#2343)Each triggered HE beamformee responds after a SIFS with an HE TB PPDU containing one or more HE Compressed Beamforming/CQI frame.

An  example  of  an  HE  TB  sounding sequence with more than one HE beamformee is shown in Figure 26-8 (Example of HE TB sounding(11ax)).

|  |
| --- |
|  |
| * Example of HE TB sounding(11ax)
 |

An HE beamformer that has initiated an HE TB sounding sequence shall transmit a BFRP Trigger frame to solicit feedback and may send additional BFRP Trigger frame(s) in the same TXOP as shown in Figure 26-8 (Example of HE TB sounding(11ax)). The HE beamformer uses the additional BFRP Trigger frames to solicit HE compressed beamforming/CQI reports from HE beamformees not addressed in a previous BFRP Trigger frame or to solicit retransmission of an HE compressed beamforming/CQI report. An HE beamformer shall not transmit a BFRP Trigger frame that identifies a STA identified in the HE NDP Announcement frame of an HE TB sounding sequence, unless it is in the same TXOP as the HE TB sounding sequence. [#2345]